

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

04/18/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	32.94	32.01	29.50	30.91	30.43	38.59	38.37	34.18	21.28	26.70	23.48	24.03	33.75	29.13	28.94	31.17	47.48	36.35	32.89	40.44	40.41	44.83	32.95	27.34
24138	2.21	1.99	1.72	1.80	1.87	2.53	2.81	2.83	1.77	2.17	1.92	1.11	1.05	1.41	1.74	2.14	3.55	2.79	2.63	3.16	3.14	3.39	2.51	2.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-10.23	-20.07	-10.53	-5.58	-2.46	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.43
74TH STREET_GT_1	32.89	31.97	29.46	30.87	30.40	38.54	38.34	34.14	21.26	26.68	23.46	30.24	45.95	35.51	32.29	32.62	47.44	36.33	32.89	40.45	40.45	44.87	32.96	41.60
24260	2.16	1.95	1.68	1.76	1.84	2.48	2.78	2.80	1.75	2.15	1.91	1.09	1.03	1.38	1.70	2.09	3.51	2.77	2.63	3.17	3.17	3.43	2.52	2.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-16.46	-32.28	-16.93	-8.98	-3.96	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	-13.84
74TH STREET_GT_2	32.89	31.97	29.46	30.87	30.40	38.54	38.34	34.14	21.26	26.68	23.46	30.24	45.95	35.51	32.29	32.62	47.44	36.33	32.89	40.45	40.45	44.87	32.96	41.60
24261	2.16	1.95	1.68	1.76	1.84	2.48	2.78	2.80	1.75	2.15	1.91	1.09	1.03	1.38	1.70	2.09	3.51	2.77	2.63	3.17	3.17	3.43	2.52	2.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-16.46	-32.28	-16.93	-8.98	-3.96	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	-13.84
ADK HUDSON___FALLS	32.27	31.39	29.04	30.53	30.09	38.19	38.09	33.58	20.64	25.75	22.33	13.09	13.02	17.82	22.55	27.93	46.38	35.70	32.45	39.92	39.84	44.10	32.18	27.10
24011	1.54	1.36	1.26	1.42	1.53	2.13	2.53	2.23	1.13	1.22	0.77	0.40	0.39	0.62	0.94	1.36	2.45	2.15	2.19	2.64	2.57	2.66	1.74	1.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	32.45	31.52	29.20	30.72	30.32	38.43	38.41	33.82	20.72	25.83	22.34	13.09	13.01	17.83	22.61	28.02	46.56	35.87	32.70	40.18	40.08	44.34	32.27	27.19
23798	1.71	1.50	1.42	1.61	1.76	2.37	2.86	2.47	1.21	1.29	0.79	0.40	0.38	0.63	1.00	1.45	2.63	2.32	2.44	2.90	2.81	2.90	1.83	1.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	32.27	31.39	29.04	30.53	30.09	38.19	38.09	33.58	20.64	25.75	22.33	13.09	13.02	17.82	22.55	27.93	46.38	35.70	32.45	39.92	39.84	44.10	32.18	27.10
24028	1.54	1.36	1.26	1.42	1.53	2.13	2.53	2.23	1.13	1.22	0.77	0.40	0.39	0.62	0.94	1.36	2.45	2.15	2.19	2.64	2.57	2.66	1.74	1.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	31.85	30.95	28.59	30.07	29.65	37.46	37.15	32.80	20.39	25.55	22.24	13.02	13.01	17.73	22.26	27.41	45.47	34.94	31.58	38.74	38.74	42.96	31.64	26.72
23527	1.12	0.93	0.81	0.96	1.09	1.40	1.59	1.46	0.88	1.02	0.68	0.33	0.38	0.53	0.65	0.84	1.54	1.39	1.32	1.46	1.46	1.52	1.20	1.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	31.07	30.26	27.96	29.32	28.83	36.43	36.20	31.98	19.90	24.97	21.84	12.83	12.78	17.42	21.92	26.94	44.48	34.15	30.91	37.85	37.87	42.01	30.95	26.10
24190	0.34	0.24	0.18	0.21	0.28	0.37	0.64	0.63	0.39	0.43	0.29	0.14	0.15	0.22	0.30	0.37	0.56	0.60	0.65	0.57	0.59	0.57	0.51	0.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	30.60	30.06	28.02	29.34	28.78	36.29	35.55	31.27	19.45	24.58	21.58	12.72	12.68	17.26	21.65	26.61	44.02	33.51	30.20	37.25	37.10	41.31	30.44	25.57
355683	-0.14	0.04	0.24	0.23	0.23	0.23	-0.01	-0.08	-0.06	0.05	0.03	0.03	0.05	0.06	0.04	0.04	0.09	-0.04	-0.06	-0.03	-0.18	-0.13	0.00	-0.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	31.68	30.85	28.51	29.88	29.40	37.19	36.86	32.39	19.99	25.01	21.86	12.84	12.79	17.48	22.02	27.24	45.26	34.62	31.30	38.55	38.58	42.80	31.49	26.53
323833	0.95	0.83	0.72	0.77	0.85	1.13	1.30	1.04	0.48	0.48	0.31	0.15	0.16	0.28	0.41	0.67	1.34	1.07	1.05	1.28	1.31	1.36	1.05	0.94
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	31.68	30.85	28.50	29.87	29.40	37.17	36.84	32.39	19.99	25.01	21.86	12.84	12.79	17.48	22.01	27.23	45.25	34.61	31.30	38.53	38.57	42.79	31.48	26.52
323834	0.94	0.82	0.71	0.76	0.84	1.11	1.28	1.04	0.48	0.48	0.30	0.15	0.16	0.28	0.40	0.66	1.32	1.06	1.04	1.26	1.29	1.35	1.05	0.93
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	31.07	30.26	27.96	29.32	28.83	36.43	36.20	31.98	19.90	24.97	21.84	12.83	12.78	17.42	21.92	26.94	44.48	34.15	30.91	37.85	37.87	42.01	30.95	26.10
23571	0.34	0.24	0.18	0.21	0.28	0.37	0.64	0.63	0.39	0.43	0.29	0.14	0.15	0.22	0.30	0.37	0.56	0.60	0.65	0.57	0.59	0.57	0.51	0.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	31.07 0.34 0.00	30.26 0.24 0.00	27.96 0.18 0.00	29.32 0.21 0.00	28.83 0.28 0.00	36.43 0.37 0.00	36.20 0.64 0.00	31.98 0.63 0.00	19.90 0.39 0.00	24.97 0.43 0.00	21.84 0.29 0.00	12.83 0.14 0.00	12.78 0.15 0.00	17.42 0.22 0.00	21.92 0.30 0.00	26.94 0.37 0.00	44.48 0.56 0.00	34.15 0.60 0.00	30.91 0.65 0.00	37.85 0.57 0.00	37.87 0.59 0.00	42.01 0.57 0.00	30.95 0.51 0.00	26.10 0.51 0.00
ALBANY___3 23573	31.07 0.34 0.00	30.26 0.24 0.00	27.96 0.18 0.00	29.32 0.21 0.00	28.83 0.28 0.00	36.43 0.37 0.00	36.20 0.64 0.00	31.98 0.63 0.00	19.90 0.39 0.00	24.97 0.43 0.00	21.84 0.29 0.00	12.83 0.14 0.00	12.78 0.15 0.00	17.42 0.22 0.00	21.92 0.30 0.00	26.94 0.37 0.00	44.48 0.56 0.00	34.15 0.60 0.00	30.91 0.65 0.00	37.85 0.57 0.00	37.87 0.59 0.00	42.01 0.57 0.00	30.95 0.51 0.00	26.10 0.51 0.00
ALBANY___4 23574	31.07 0.34 0.00	30.26 0.24 0.00	27.96 0.18 0.00	29.32 0.21 0.00	28.83 0.28 0.00	36.43 0.37 0.00	36.20 0.64 0.00	31.98 0.63 0.00	19.90 0.39 0.00	24.97 0.43 0.00	21.84 0.29 0.00	12.83 0.14 0.00	12.78 0.15 0.00	17.42 0.22 0.00	21.92 0.30 0.00	26.94 0.37 0.00	44.48 0.56 0.00	34.15 0.60 0.00	30.91 0.65 0.00	37.85 0.57 0.00	37.87 0.59 0.00	42.01 0.57 0.00	30.95 0.51 0.00	26.10 0.51 0.00
ALBANY___LFGE 323615	31.38 0.64 0.00	30.55 0.53 0.00	28.22 0.44 0.00	29.60 0.49 0.00	29.12 0.56 0.00	36.80 0.73 0.00	36.56 1.00 0.00	32.29 0.94 0.00	20.08 0.58 0.00	25.18 0.65 0.00	22.03 0.48 0.00	12.94 0.25 0.00	12.89 0.26 0.00	17.58 0.38 0.00	22.12 0.51 0.00	27.21 0.64 0.00	44.99 1.06 0.00	34.51 0.96 0.00	31.21 0.95 0.00	38.28 1.00 0.00	38.28 1.00 0.00	42.44 1.00 0.00	31.24 0.80 0.00	26.33 0.74 0.00
ALCOA_PA_115KV_PL-6C 55860	30.74 0.00 0.00	30.20 0.18 0.00	28.16 0.38 0.00	29.50 0.38 0.00	28.94 0.38 0.00	36.47 0.41 0.00	35.72 0.16 0.00	31.38 0.04 0.00	19.51 0.00 0.00	24.65 0.12 0.00	21.64 0.09 0.00	12.76 0.07 0.00	12.73 0.10 0.00	17.33 0.13 0.00	21.72 0.11 0.00	26.69 0.12 0.00	44.19 0.26 0.00	33.64 0.09 0.00	30.32 0.06 0.00	37.40 0.13 0.00	37.60 -0.02 0.00	41.46 0.02 0.00	30.73 0.12 0.00	25.67 0.08 0.00
ALCOA_RYNLDS___DRP 24188	30.74 0.00 0.00	30.20 0.18 0.00	28.16 0.38 0.00	29.50 0.38 0.00	28.94 0.38 0.00	36.47 0.41 0.00	35.72 0.16 0.00	31.38 0.04 0.00	19.51 0.00 0.00	24.65 0.12 0.00	21.64 0.09 0.00	12.76 0.07 0.00	12.73 0.10 0.00	17.33 0.13 0.00	21.72 0.11 0.00	26.69 0.12 0.00	44.19 0.26 0.00	33.64 0.09 0.00	30.32 0.06 0.00	37.40 0.13 0.00	37.60 -0.02 0.00	41.46 0.02 0.00	30.73 0.12 0.00	25.67 0.08 0.00
ALCOA___DSASP 323711	30.74 0.00 0.00	30.20 0.18 0.00	28.16 0.38 0.00	29.50 0.38 0.00	28.94 0.38 0.00	36.47 0.41 0.00	35.72 0.16 0.00	31.38 0.04 0.00	19.51 0.00 0.00	24.65 0.12 0.00	21.64 0.09 0.00	12.76 0.07 0.00	12.73 0.10 0.00	17.33 0.13 0.00	21.72 0.11 0.00	26.69 0.12 0.00	44.19 0.27 0.00	33.64 0.09 0.00	30.32 0.06 0.00	37.41 0.13 0.00	37.60 -0.02 0.00	41.46 0.02 0.00	30.73 0.12 0.00	25.67 0.08 0.00
ALLEGHENY___COGEN 23514	31.20 0.47 0.00	30.19 0.17 0.00	27.76 -0.02 0.00	28.90 -0.21 0.00	28.14 -0.41 0.00	35.40 -0.66 0.00	34.75 -0.81 0.00	30.81 -0.54 0.00	19.96 -0.40 -0.85	23.43 -1.11 0.00	20.78 -0.78 0.00	12.26 -0.43 0.00	12.26 -0.37 0.00	16.64 -0.56 0.00	20.76 -0.85 0.00	25.93 -0.64 0.00	42.36 -1.57 0.00	45.24 -1.31 -13.00	55.85 -1.62 -27.21	36.43 -0.85 0.00	37.04 -0.24 0.00	41.42 -0.02 0.00	30.29 -0.15 0.00	25.06 -0.53 0.00
ALTAMONT_115KV_TB 2 55880	31.39 0.65 0.00	30.58 0.56 0.00	28.24 0.45 0.00	29.62 0.51 0.00	29.09 0.54 0.00	36.79 0.73 0.00	36.47 0.91 0.00	32.22 0.87 0.00	20.03 0.52 0.00	25.13 0.60 0.00	22.02 0.46 0.00	12.94 0.25 0.00	12.88 0.25 0.00	17.56 0.36 0.00	22.07 0.46 0.00	27.13 0.57 0.00	44.91 0.98 0.00	34.40 0.85 0.00	31.10 0.84 0.00	38.21 0.93 0.00	38.23 0.95 0.00	42.45 1.01 0.00	31.20 0.76 0.00	26.29 0.70 0.00
ALTONA_WT_PWR 323606	30.24 -0.50 0.00	29.80 -0.22 0.00	28.04 0.25 0.00	29.46 0.35 0.00	29.10 0.54 0.00	36.74 0.68 0.00	36.03 0.47 0.00	31.62 0.27 0.00	19.64 0.14 0.00	24.73 0.20 0.00	21.63 0.07 0.00	12.75 0.06 0.00	12.77 0.14 0.00	17.51 0.31 0.00	21.74 0.12 0.00	26.42 -0.15 0.00	43.71 -0.22 0.00	33.14 -0.41 0.00	29.91 -0.35 0.00	36.89 -0.38 0.00	27.09 -0.98 9.20	40.20 -1.23 0.00	25.24 -0.83 4.37	25.03 -0.56 0.00
AMERICAN_REF_FUEL 24010	28.52 -2.21 0.00	27.68 -2.34 0.00	25.61 -2.18 0.00	26.73 -2.38 0.00	26.03 -2.53 0.00	32.70 -3.36 0.00	31.95 -3.61 0.00	28.40 -2.95 0.00	17.68 -1.61 0.21	22.52 -2.01 0.00	20.02 -1.54 0.00	11.89 -0.80 0.00	11.77 -0.86 0.00	15.86 -1.34 0.00	19.78 -1.83 0.00	24.43 -2.14 0.00	39.91 -4.02 0.00	27.27 -3.15 3.12	20.59 -3.13 6.53	33.40 -3.88 0.00	33.66 -3.62 0.00	38.08 -3.36 0.00	27.96 -2.48 0.00	23.20 -2.39 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	30.19 -0.55 0.00	28.68 -1.34 0.00	26.38 -1.41 0.00	27.37 -1.74 0.00	26.46 -2.10 0.00	33.39 -2.68 0.00	32.48 -3.07 0.00	29.06 -2.28 0.00	17.98 -1.32 0.20	22.92 -1.61 0.00	20.34 -1.22 0.00	12.06 -0.63 0.00	12.06 -0.57 0.00	16.29 -0.91 0.00	20.34 -1.27 0.00	25.38 -1.19 0.00	42.50 -1.43 0.00	28.14 -2.63 2.78	21.89 -2.55 5.83	35.33 -1.94 0.00	35.60 -1.68 0.00	40.10 -1.34 0.00	29.05 -1.39 0.00	24.22 -1.37 0.00
ARTHUR KILL_GT_1 23520	47.85 2.12 -14.99	47.84 1.89 -15.93	47.84 1.67 -18.39	47.34 1.82 -16.42	47.30 1.89 -16.84	47.61 2.48 -9.07	47.98 2.73 -9.69	46.10 2.80 -11.95	47.98 1.76 -26.71	44.61 2.15 -17.93	45.86 1.86 -22.45	41.77 1.03 -28.06	42.20 0.88 -28.69	41.85 1.21 -23.44	41.91 1.49 -18.80	42.07 1.93 -13.57	51.88 3.27 -4.69	44.64 2.76 -8.33	47.51 2.62 -14.63	47.74 3.16 -7.31	44.72 3.13 -4.31	50.01 3.37 -5.20	43.13 2.62 -10.08	54.37 2.13 -26.65
ARTHUR_KILL_2 23512	47.76 2.03 -14.99	47.77 1.82 -15.93	47.77 1.60 -18.39	47.27 1.74 -16.42	47.22 1.82 -16.84	47.51 2.37 -9.07	47.88 2.62 -9.69	46.02 2.73 -11.95	47.93 1.71 -26.71	44.55 2.09 -17.93	45.82 1.82 -22.45	41.75 1.01 -28.06	42.18 0.85 -28.69	41.82 1.18 -23.44	41.87 1.45 -18.80	42.02 1.88 -13.57	51.78 3.16 -4.69	44.55 2.67 -8.33	47.43 2.54 -14.63	47.65 3.06 -7.31	44.62 3.03 -4.31	49.90 3.26 -5.20	43.05 2.53 -10.08	54.31 2.07 -26.65
ARTHUR_KILL_3 23513	48.32 1.94 -15.64	48.39 1.74 -16.63	48.47 1.49 -19.20	47.83 1.58 -17.14	47.81 1.66 -17.59	47.79 2.26 -9.47	48.18 2.54 -10.08	45.91 2.58 -11.98	47.83 1.61 -26.72	44.42 1.95 -17.93	46.09 1.72 -22.82	41.73 0.99 -28.05	40.20 0.94 -26.63	41.30 1.26 -22.84	41.96 1.54 -18.80	42.12 1.88 -13.67	51.96 3.14 -4.90	44.36 2.47 -8.34	47.29 2.39 -14.64	47.48 2.89 -7.32	44.49 2.89 -4.32	49.59 3.14 -5.01	42.82 2.30 -10.08	54.73 2.02 -27.12

ARTHUR_KILL_COGEN 323718	47.85 2.12 -14.99	47.84 1.89 -15.93	47.84 1.67 -18.39	47.34 1.82 -16.42	47.30 1.89 -16.84	47.61 2.48 -9.07	47.98 2.73 -9.69	46.10 2.80 -11.95	47.98 1.76 -26.71	44.61 2.15 -17.93	45.86 1.86 -22.45	41.77 1.03 -28.06	42.20 0.88 -28.69	41.85 1.21 -23.44	41.91 1.49 -18.80	42.07 1.93 -13.57	51.88 3.27 -4.69	44.64 2.76 -8.33	47.51 2.62 -14.63	47.74 3.16 -7.31	44.72 3.13 -4.31	50.01 3.37 -5.20	43.13 2.62 -10.08	54.37 2.13 -26.65
ASHOKAN____ 23654	32.30 1.56 0.00	31.45 1.42 0.00	28.99 1.21 0.00	30.40 1.30 0.00	29.92 1.36 0.00	37.95 1.89 0.00	37.77 2.21 0.00	33.54 2.19 0.00	20.83 1.33 0.00	26.05 1.52 0.00	22.73 1.18 0.00	13.32 0.63 0.00	13.22 0.60 0.00	17.97 0.77 0.00	22.58 0.97 0.00	27.86 1.29 0.00	46.30 2.37 0.00	35.63 2.09 0.00	32.27 2.01 0.00	39.74 2.47 0.00	39.81 2.53 0.00	44.14 2.70 0.00	32.36 1.92 0.00	27.20 1.61 0.00
ASTORIA_EAST_ENERGY_CC1 323581	32.67 1.92 -0.01	31.85 1.82 -0.01	29.37 1.58 0.00	30.77 1.66 0.00	30.29 1.73 0.00	38.40 2.33 0.00	38.25 2.69 0.00	34.05 2.70 0.00	21.19 1.67 -0.01	26.55 2.01 -0.01	23.24 1.68 -0.01	27.11 0.90 -13.52	39.93 0.80 -26.51	32.17 1.06 -13.91	30.28 1.29 -7.38	31.50 1.67 -3.25	47.16 3.23 -0.01	36.43 2.58 -0.31	37.50 2.47 -4.78	40.25 2.97 0.00	58.03 3.00 -17.76	44.69 3.25 0.00	32.84 2.40 0.00	41.43 2.00 -13.84
ASTORIA_EAST_ENERGY_CC2 323582	32.67 1.92 -0.01	31.85 1.82 -0.01	29.37 1.58 0.00	30.77 1.66 0.00	30.29 1.73 0.00	38.40 2.33 0.00	38.25 2.69 0.00	34.05 2.70 0.00	21.19 1.67 -0.01	26.55 2.01 -0.01	23.24 1.68 -0.01	27.11 0.90 -13.52	39.93 0.80 -26.51	32.17 1.06 -13.91	30.28 1.29 -7.38	31.50 1.67 -3.25	47.16 3.23 -0.01	36.43 2.58 -0.31	37.50 2.47 -4.78	40.25 2.97 0.00	58.03 3.00 -17.76	44.69 3.25 0.00	32.84 2.40 0.00	41.43 2.00 -13.84
ASTORIA_GT2_1 24094	32.67 1.92 -0.01	31.86 1.83 -0.01	29.37 1.58 0.00	30.77 1.66 0.00	30.29 1.73 0.00	38.40 2.33 0.00	38.26 2.70 0.00	34.05 2.70 0.00	21.19 1.67 -0.01	26.55 2.01 -0.01	23.26 1.70 -0.01	27.15 0.94 -13.52	39.99 0.85 -26.51	32.27 1.16 -13.91	30.43 1.45 -7.38	31.61 1.79 -3.25	47.17 3.23 -0.01	36.46 2.60 -0.31	37.53 2.49 -4.78	40.27 2.99 0.00	58.07 3.04 -17.76	44.68 3.24 0.00	32.84 2.40 0.00	41.43 2.00 -13.84
ASTORIA_GT2_2 24095	32.67 1.92 -0.01	31.86 1.83 -0.01	29.37 1.58 0.00	30.77 1.66 0.00	30.29 1.73 0.00	38.40 2.33 0.00	38.26 2.70 0.00	34.05 2.70 0.00	21.19 1.67 -0.01	26.55 2.01 -0.01	23.26 1.70 -0.01	27.15 0.94 -13.52	39.99 0.85 -26.51	32.27 1.16 -13.91	30.43 1.45 -7.38	31.61 1.79 -3.25	47.17 3.23 -0.01	36.46 2.60 -0.31	37.53 2.49 -4.78	40.27 2.99 0.00	58.07 3.04 -17.76	44.68 3.24 0.00	32.84 2.40 0.00	41.43 2.00 -13.84
ASTORIA_GT2_3 24096	32.67 1.92 -0.01	31.86 1.83 -0.01	29.37 1.58 0.00	30.77 1.66 0.00	30.29 1.73 0.00	38.40 2.33 0.00	38.26 2.70 0.00	34.05 2.70 0.00	21.19 1.67 -0.01	26.55 2.01 -0.01	23.26 1.70 -0.01	27.15 0.94 -13.52	39.99 0.85 -26.51	32.27 1.16 -13.91	30.43 1.45 -7.38	31.61 1.79 -3.25	47.17 3.23 -0.01	36.46 2.60 -0.31	37.53 2.49 -4.78	40.27 2.99 0.00	58.07 3.04 -17.76	44.68 3.24 0.00	32.84 2.40 0.00	41.43 2.00 -13.84
ASTORIA_GT2_4 24097	32.67 1.92 -0.01	31.86 1.83 -0.01	29.37 1.58 0.00	30.77 1.66 0.00	30.29 1.73 0.00	38.40 2.33 0.00	38.26 2.70 0.00	34.05 2.70 0.00	21.19 1.67 -0.01	26.55 2.01 -0.01	23.26 1.70 -0.01	27.15 0.94 -13.52	39.99 0.85 -26.51	32.27 1.16 -13.91	30.43 1.45 -7.38	31.61 1.79 -3.25	47.17 3.23 -0.01	36.46 2.60 -0.31	37.53 2.49 -4.78	40.27 2.99 0.00	58.07 3.04 -17.76	44.68 3.24 0.00	32.84 2.40 0.00	41.43 2.00 -13.84
ASTORIA_GT3_1 24098	32.67 1.92 -0.01	31.86 1.83 -0.01	29.37 1.58 0.00	30.77 1.66 0.00	30.29 1.73 0.00	38.40 2.33 0.00	38.26 2.70 0.00	34.05 2.70 0.00	21.19 1.67 -0.01	26.55 2.01 -0.01	23.26 1.70 -0.01	27.15 0.94 -13.52	39.99 0.85 -26.51	32.27 1.16 -13.91	30.43 1.45 -7.38	31.61 1.79 -3.25	47.17 3.23 -0.01	36.46 2.60 -0.31	37.53 2.49 -4.78	40.27 2.99 0.00	58.07 3.04 -17.76	44.68 3.24 0.00	32.84 2.40 0.00	41.43 2.00 -13.84
ASTORIA_GT3_2 24099	32.67 1.92 -0.01	31.86 1.83 -0.01	29.37 1.58 0.00	30.77 1.66 0.00	30.29 1.73 0.00	38.40 2.33 0.00	38.26 2.70 0.00	34.05 2.70 0.00	21.19 1.67 -0.01	26.55 2.01 -0.01	23.26 1.70 -0.01	27.15 0.94 -13.52	39.99 0.85 -26.51	32.27 1.16 -13.91	30.43 1.45 -7.38	31.61 1.79 -3.25	47.17 3.23 -0.01	36.46 2.60 -0.31	37.53 2.49 -4.78	40.27 2.99 0.00	58.07 3.04 -17.76	44.68 3.24 0.00	32.84 2.40 0.00	41.43 2.00 -13.84
ASTORIA_GT3_3 24100	32.67 1.92 -0.01	31.86 1.83 -0.01	29.37 1.58 0.00	30.77 1.66 0.00	30.29 1.73 0.00	38.40 2.33 0.00	38.26 2.70 0.00	34.05 2.70 0.00	21.19 1.67 -0.01	26.55 2.01 -0.01	23.26 1.70 -0.01	27.15 0.94 -13.52	39.99 0.85 -26.51	32.27 1.16 -13.91	30.43 1.45 -7.38	31.61 1.79 -3.25	47.17 3.23 -0.01	36.46 2.60 -0.31	37.53 2.49 -4.78	40.27 2.99 0.00	58.07 3.04 -17.76	44.68 3.24 0.00	32.84 2.40 0.00	41.43 2.00 -13.84
ASTORIA_GT3_4 24101	32.67 1.92 -0.01	31.86 1.83 -0.01	29.37 1.58 0.00	30.77 1.66 0.00	30.29 1.73 0.00	38.40 2.33 0.00	38.26 2.70 0.00	34.05 2.70 0.00	21.19 1.67 -0.01	26.55 2.01 -0.01	23.26 1.70 -0.01	27.15 0.94 -13.52	39.99 0.85 -26.51	32.27 1.16 -13.91	30.43 1.45 -7.38	31.61 1.79 -3.25	47.17 3.23 -0.01	36.46 2.60 -0.31	37.53 2.49 -4.78	40.27 2.99 0.00	58.07 3.04 -17.76	44.68 3.24 0.00	32.84 2.40 0.00	41.43 2.00 -13.84
ASTORIA_GT4_1 24102	32.67 1.92 -0.01	31.86 1.83 -0.01	29.37 1.58 0.00	30.77 1.66 0.00	30.29 1.73 0.00	38.40 2.33 0.00	38.26 2.70 0.00	34.05 2.70 0.00	21.19 1.67 -0.01	26.55 2.01 -0.01	23.26 1.70 -0.01	27.15 0.94 -13.52	39.99 0.85 -26.51	32.27 1.16 -13.91	30.43 1.45 -7.38	31.61 1.79 -3.25	47.17 3.23 -0.01	36.46 2.60 -0.31	37.53 2.49 -4.78	40.27 2.99 0.00	58.07 3.04 -17.76	44.68 3.24 0.00	32.84 2.40 0.00	41.43 2.00 -13.84
ASTORIA_GT4_2 24103	32.67 1.92 -0.01	31.86 1.83 -0.01	29.37 1.58 0.00	30.77 1.66 0.00	30.29 1.73 0.00	38.40 2.33 0.00	38.26 2.70 0.00	34.05 2.70 0.00	21.19 1.67 -0.01	26.55 2.01 -0.01	23.26 1.70 -0.01	27.15 0.94 -13.52	39.99 0.85 -26.51	32.27 1.16 -13.91	30.43 1.45 -7.38	31.61 1.79 -3.25	47.17 3.23 -0.01	36.46 2.60 -0.31	37.53 2.49 -4.78	40.27 2.99 0.00	58.07 3.04 -17.76	44.68 3.24 0.00	32.84 2.40 0.00	41.43 2.00 -13.84
ASTORIA_GT4_3 24104	32.67 1.92 -0.01	31.86 1.83 -0.01	29.37 1.58 0.00	30.77 1.66 0.00	30.29 1.73 0.00	38.40 2.33 0.00	38.26 2.70 0.00	34.05 2.70 0.00	21.19 1.67 -0.01	26.55 2.01 -0.01	23.26 1.70 -0.01	27.15 0.94 -13.52	39.99 0.85 -26.51	32.27 1.16 -13.91	30.43 1.45 -7.38	31.61 1.79 -3.25	47.17 3.23 -0.01	36.46 2.60 -0.31	37.53 2.49 -4.78	40.27 2.99 0.00	58.07 3.04 -17.76	44.68 3.24 0.00	32.84 2.40 0.00	41.43 2.00 -13.84

ASTORIA_GT4_4 24105	32.67 1.92 -0.01	31.86 1.83 -0.01	29.37 1.58 0.00	30.77 1.66 0.00	30.29 1.73 0.00	38.40 2.33 0.00	38.26 2.70 0.00	34.05 2.70 0.00	21.19 1.67 -0.01	26.55 2.01 -0.01	23.26 1.70 -0.01	27.15 0.94 -13.52	39.99 0.85 -26.51	32.27 1.16 -13.91	30.43 1.45 -7.38	31.61 1.79 -3.25	47.17 3.23 -0.01	36.46 2.60 -0.31	37.53 2.49 -4.78	40.27 2.99 0.00	58.07 3.04 -17.76	44.68 3.24 0.00	32.84 2.40 0.00	41.43 2.00 -13.84
ASTORIA_GT_1 23523	32.70 1.95 -0.01	31.89 1.87 -0.01	29.40 1.62 0.00	30.81 1.70 0.00	30.33 1.77 0.00	38.44 2.38 0.00	38.31 2.75 0.00	34.10 2.75 0.00	21.22 1.71 -0.01	26.58 2.05 -0.01	23.28 1.72 -0.01	27.13 0.92 -13.52	39.95 0.81 -26.51	32.20 1.09 -13.91	30.32 1.33 -7.38	31.54 1.72 -3.25	47.24 3.30 -0.01	36.49 2.63 -0.31	37.55 2.51 -4.78	40.30 3.03 0.00	58.09 3.06 -17.76	44.74 3.31 0.00	32.89 2.45 0.00	41.47 2.04 -13.84
ASTORIA_GT_10 24110	32.81 2.06 -0.01	31.93 1.90 -0.01	29.43 1.64 0.00	30.83 1.72 0.00	30.35 1.79 0.00	38.47 2.40 0.00	38.25 2.69 0.00	34.06 2.71 0.00	21.22 1.70 -0.01	26.62 2.08 -0.01	23.94 1.85 -0.53	30.71 1.04 -16.98	45.87 0.95 -32.28	35.42 1.29 -16.93	32.19 1.60 -8.98	32.50 1.98 -3.96	47.24 3.31 -0.01	36.22 2.66 -0.01	32.78 2.53 0.00	40.31 3.03 0.00	40.31 3.03 0.00	44.73 3.29 0.00	32.90 2.47 0.00	41.55 2.12 -13.84
ASTORIA_GT_11 24225	32.81 2.06 -0.01	31.93 1.90 -0.01	29.43 1.64 0.00	30.83 1.72 0.00	30.35 1.79 0.00	38.47 2.40 0.00	38.25 2.69 0.00	34.06 2.71 0.00	21.22 1.70 -0.01	26.62 2.08 -0.01	23.94 1.85 -0.53	30.71 1.04 -16.98	45.87 0.95 -32.28	35.42 1.29 -16.93	32.19 1.60 -8.98	32.50 1.98 -3.96	47.24 3.31 -0.01	36.22 2.66 -0.01	32.78 2.53 0.00	40.31 3.03 0.00	40.31 3.03 0.00	44.73 3.29 0.00	32.90 2.47 0.00	41.55 2.12 -13.84
ASTORIA_GT_12 24226	32.81 2.06 -0.01	31.93 1.90 -0.01	29.43 1.64 0.00	30.83 1.72 0.00	30.35 1.79 0.00	38.47 2.40 0.00	38.25 2.69 0.00	34.06 2.71 0.00	21.22 1.70 -0.01	26.62 2.08 -0.01	23.94 1.85 -0.53	30.71 1.04 -16.98	45.87 0.95 -32.28	35.42 1.29 -16.93	32.19 1.60 -8.98	32.50 1.98 -3.96	47.24 3.31 -0.01	36.22 2.66 -0.01	32.78 2.53 0.00	40.31 3.03 0.00	40.31 3.03 0.00	44.73 3.29 0.00	32.90 2.47 0.00	41.55 2.12 -13.84
ASTORIA_GT_13 24227	32.81 2.06 -0.01	31.93 1.90 -0.01	29.43 1.64 0.00	30.83 1.72 0.00	30.35 1.79 0.00	38.47 2.40 0.00	38.25 2.69 0.00	34.06 2.71 0.00	21.22 1.70 -0.01	26.62 2.08 -0.01	23.94 1.85 -0.53	30.71 1.04 -16.98	45.87 0.95 -32.28	35.42 1.29 -16.93	32.19 1.60 -8.98	32.50 1.98 -3.96	47.24 3.31 -0.01	36.22 2.66 -0.01	32.78 2.53 0.00	40.31 3.03 0.00	40.31 3.03 0.00	44.73 3.29 0.00	32.90 2.47 0.00	41.55 2.12 -13.84
ASTORIA_GT_5 24106	32.70 1.95 -0.01	31.89 1.87 -0.01	29.40 1.62 0.00	30.81 1.70 0.00	30.33 1.77 0.00	38.45 2.38 0.00	38.31 2.75 0.00	34.10 2.75 0.00	21.22 1.71 -0.01	26.58 2.04 -0.01	23.29 1.73 -0.01	27.17 0.96 -13.52	40.01 0.87 -26.51	32.29 1.19 -13.91	30.47 1.48 -7.38	31.66 1.84 -3.25	47.24 3.31 -0.01	36.52 2.66 -0.31	37.57 2.54 -4.78	40.33 3.05 0.00	58.13 3.10 -17.76	44.74 3.31 0.00	32.89 2.45 0.00	41.47 2.04 -13.84
ASTORIA_GT_7 24107	32.70 1.95 -0.01	31.89 1.87 -0.01	29.40 1.62 0.00	30.81 1.70 0.00	30.33 1.77 0.00	38.45 2.38 0.00	38.31 2.75 0.00	34.10 2.75 0.00	21.22 1.71 -0.01	26.58 2.04 -0.01	23.29 1.73 -0.01	27.17 0.96 -13.52	40.01 0.87 -26.51	32.29 1.19 -13.91	30.47 1.48 -7.38	31.66 1.84 -3.25	47.24 3.31 -0.01	36.52 2.66 -0.31	37.57 2.54 -4.78	40.33 3.05 0.00	58.13 3.10 -17.76	44.74 3.31 0.00	32.89 2.45 0.00	41.47 2.04 -13.84
ASTORIA_GT_8 24108	32.70 1.95 -0.01	31.89 1.87 -0.01	29.40 1.62 0.00	30.81 1.70 0.00	30.33 1.77 0.00	38.45 2.38 0.00	38.31 2.75 0.00	34.10 2.75 0.00	21.22 1.71 -0.01	26.58 2.04 -0.01	23.29 1.73 -0.01	27.17 0.96 -13.52	40.01 0.87 -26.51	32.29 1.19 -13.91	30.47 1.48 -7.38	31.66 1.84 -3.25	47.24 3.31 -0.01	36.52 2.66 -0.31	37.57 2.54 -4.78	40.33 3.05 0.00	58.13 3.10 -17.76	44.74 3.31 0.00	32.89 2.45 0.00	41.47 2.04 -13.84
ASTORIA___2 24149	32.67 1.92 -0.01	31.85 1.82 -0.01	29.37 1.58 0.00	30.77 1.66 0.00	30.29 1.73 0.00	38.40 2.33 0.00	38.25 2.69 0.00	34.05 2.70 0.00	21.19 1.67 -0.01	26.55 2.01 -0.01	23.24 1.68 -0.01	27.11 0.90 -13.52	39.93 0.80 -26.51	32.17 1.06 -13.91	30.28 1.29 -7.38	31.50 1.67 -3.25	47.16 3.23 -0.01	36.43 2.58 -0.31	37.50 2.47 -4.78	40.25 2.97 0.00	58.03 3.00 -17.76	44.69 3.25 0.00	32.84 2.40 0.00	41.43 2.00 -13.84
ASTORIA___3 23516	32.81 2.07 -0.01	31.93 1.90 -0.01	29.43 1.64 0.00	30.83 1.72 0.00	30.35 1.79 0.00	38.47 2.40 0.00	38.25 2.69 0.00	34.06 2.71 0.00	21.22 1.70 -0.01	26.62 2.08 -0.01	23.93 1.85 -0.53	30.70 1.03 -16.98	45.86 0.94 -32.28	35.40 1.27 -16.93	32.16 1.57 -8.98	32.48 1.95 -3.96	47.24 3.31 -0.01	36.20 2.64 -0.01	32.77 2.52 0.00	40.30 3.02 0.00	40.30 3.02 0.00	44.73 3.29 0.00	32.91 2.47 0.00	41.55 2.12 -13.84
ASTORIA___4 23517	32.81 2.06 -0.01	31.93 1.90 -0.01	29.43 1.64 0.00	30.83 1.72 0.00	30.35 1.79 0.00	38.47 2.40 0.00	38.25 2.69 0.00	34.06 2.71 0.00	21.22 1.70 -0.01	26.62 2.08 -0.01	23.94 1.85 -0.53	30.71 1.04 -16.98	45.87 0.95 -32.28	35.42 1.29 -16.93	32.19 1.60 -8.98	32.50 1.98 -3.96	47.24 3.31 -0.01	36.22 2.66 -0.01	32.78 2.53 0.00	40.31 3.03 0.00	40.31 3.03 0.00	44.73 3.29 0.00	32.90 2.47 0.00	41.55 2.12 -13.84
ASTORIA___5 23518	32.81 2.07 -0.01	31.93 1.90 -0.01	29.43 1.64 0.00	30.83 1.72 0.00	30.35 1.79 0.00	38.47 2.40 0.00	38.25 2.69 0.00	34.06 2.71 0.00	21.22 1.70 -0.01	26.62 2.08 -0.01	23.93 1.85 -0.53	30.70 1.03 -16.98	45.86 0.94 -32.28	35.40 1.27 -16.93	32.16 1.57 -8.98	32.47 1.95 -3.96	47.24 3.31 -0.01	36.20 2.64 -0.01	32.77 2.52 0.00	40.30 3.02 0.00	40.30 3.02 0.00	44.73 3.29 0.00	32.91 2.47 0.00	41.55 2.12 -13.84
AST_ENERGY_2_CC3 323677	32.76 2.03 0.00	31.84 1.82 0.00	29.35 1.56 0.00	30.75 1.64 0.00	30.28 1.72 0.00	38.39 2.33 0.00	38.18 2.62 0.00	33.99 2.64 0.00	21.15 1.65 0.00	26.54 2.01 0.00	23.34 1.78 0.00	27.22 1.02 -13.51	40.09 0.97 -26.49	32.39 1.30 -13.89	30.57 1.59 -7.37	31.77 1.96 -3.25	47.18 3.25 -0.01	36.12 2.56 -0.01	32.72 2.46 0.00	40.23 2.96 0.00	40.24 2.96 0.00	44.65 3.21 0.00	32.80 2.37 0.00	41.49 2.07 -13.84
AST_ENERGY_2_CC4 323678	32.76 2.03 0.00	31.84 1.82 0.00	29.35 1.56 0.00	30.75 1.64 0.00	30.28 1.72 0.00	38.39 2.33 0.00	38.18 2.62 0.00	33.99 2.64 0.00	21.15 1.65 0.00	26.54 2.01 0.00	23.34 1.78 0.00	27.22 1.02 -13.51	40.09 0.97 -26.49	32.39 1.30 -13.89	30.57 1.59 -7.37	31.77 1.96 -3.25	47.18 3.25 -0.01	36.12 2.56 -0.01	32.72 2.46 0.00	40.23 2.96 0.00	40.24 2.96 0.00	44.65 3.21 0.00	32.80 2.37 0.00	41.49 2.07 -13.84

ATHENS_STG_1 23668	31.51 0.77 0.00	30.70 0.68 0.00	28.32 0.53 0.00	29.70 0.59 0.00	29.17 0.61 0.00	36.90 0.84 0.00	36.62 1.06 0.00	32.43 1.08 0.00	20.21 0.70 0.00	25.39 0.85 0.00	22.28 0.73 0.00	13.09 0.40 0.00	13.02 0.39 0.00	17.74 0.54 0.00	22.29 0.68 0.00	27.36 0.79 0.00	45.20 1.28 0.00	34.58 1.03 0.00	31.28 1.03 0.00	38.43 1.16 0.00	38.46 1.18 0.00	42.72 1.28 0.00	31.39 0.95 0.00	26.46 0.87 0.00
ATHENS_STG_2 23670	31.51 0.77 0.00	30.70 0.68 0.00	28.32 0.53 0.00	29.70 0.59 0.00	29.17 0.61 0.00	36.90 0.84 0.00	36.62 1.06 0.00	32.43 1.08 0.00	20.21 0.70 0.00	25.39 0.85 0.00	22.28 0.73 0.00	13.09 0.40 0.00	13.02 0.39 0.00	17.74 0.54 0.00	22.29 0.68 0.00	27.36 0.79 0.00	45.20 1.28 0.00	34.58 1.03 0.00	31.28 1.03 0.00	38.43 1.16 0.00	38.46 1.18 0.00	42.72 1.28 0.00	31.39 0.95 0.00	26.46 0.87 0.00
ATHENS_STG_3 23677	31.51 0.77 0.00	30.70 0.68 0.00	28.32 0.53 0.00	29.70 0.59 0.00	29.17 0.61 0.00	36.90 0.84 0.00	36.62 1.06 0.00	32.43 1.08 0.00	20.21 0.70 0.00	25.39 0.85 0.00	22.28 0.73 0.00	13.09 0.40 0.00	13.02 0.39 0.00	17.74 0.54 0.00	22.29 0.68 0.00	27.36 0.79 0.00	45.20 1.28 0.00	34.58 1.03 0.00	31.28 1.03 0.00	38.43 1.16 0.00	38.46 1.18 0.00	42.72 1.28 0.00	31.39 0.95 0.00	26.46 0.87 0.00
AUBURN___LFGE 323710	30.84 0.10 0.00	30.12 0.10 0.00	27.84 0.06 0.00	29.03 -0.08 0.00	28.42 -0.14 0.00	36.02 -0.04 0.00	35.54 -0.02 0.00	31.28 -0.07 0.00	19.47 -0.04 0.00	24.34 -0.19 0.00	21.41 -0.15 0.00	12.58 -0.11 0.00	12.55 -0.08 0.00	17.15 -0.05 0.00	21.64 0.03 0.00	26.55 -0.02 0.00	43.85 -0.07 0.00	33.47 -0.08 0.00	30.07 -0.19 0.00	37.30 0.02 0.00	37.37 0.09 0.00	41.59 0.15 0.00	30.43 -0.01 0.00	25.49 -0.09 0.00
BABYLON_RES_REC 323704	32.59 1.85 0.00	31.64 1.62 0.00	29.33 1.55 0.00	30.61 1.50 0.00	30.11 1.56 0.00	38.06 1.99 0.00	38.31 2.76 0.00	33.97 2.62 0.00	20.81 1.30 0.00	26.14 1.61 0.00	25.28 1.51 -2.22	19.49 0.88 -5.93	11.62 0.76 1.77	17.20 0.98 0.98	22.23 1.14 0.52	29.14 1.52 -1.05	50.64 2.81 -3.90	48.95 2.15 -13.25	55.77 2.19 -23.32	47.99 2.61 -8.11	64.12 2.67 -24.18	77.46 2.92 -33.10	32.75 2.31 0.00	28.04 1.81 -0.64
BABYLON__69_KV_BK2 356345	32.87 2.13 0.00	31.90 1.88 0.00	29.59 1.81 0.00	30.86 1.76 0.00	30.38 1.82 0.00	38.37 2.31 0.00	38.67 3.12 0.00	34.28 2.94 0.00	20.95 1.44 0.00	26.32 1.79 0.00	25.28 1.65 -2.08	19.36 0.96 -5.71	11.51 0.82 1.95	17.28 1.07 0.98	22.33 1.24 0.52	29.18 1.67 -0.94	50.82 3.15 -3.74	47.96 2.40 -12.01	54.61 2.89 -21.89	47.70 3.00 -7.53	62.50 3.26 -22.22	77.09 3.26 -32.39	33.08 2.64 0.00	28.28 2.04 -0.64
BALL_HILL_WT_PWR 323825	30.28 -0.46 0.00	29.04 -0.98 0.00	26.73 -1.05 0.00	27.80 -1.31 0.00	26.96 -1.60 0.00	33.92 -2.14 0.00	33.07 -2.49 0.00	29.55 -1.80 0.00	18.26 -1.00 0.25	23.31 -1.22 0.00	20.66 -0.89 0.00	12.24 -0.45 0.00	12.22 -0.41 0.00	16.51 -0.69 0.00	20.57 -1.04 0.00	25.55 -1.02 0.00	42.53 -1.40 0.00	28.00 -2.03 3.52	20.84 -2.04 7.38	35.63 -1.65 0.00	35.82 -1.46 0.00	40.21 -1.23 0.00	29.32 -1.12 0.00	24.42 -1.17 0.00
BARON_WINDS___WT_PWR 323822	30.64 -0.09 0.00	29.51 -0.51 0.00	27.04 -0.75 0.00	28.06 -1.05 0.00	27.28 -1.28 0.00	34.15 -1.91 0.00	33.29 -2.27 0.00	29.53 -1.81 0.00	17.05 -1.02 1.44	23.13 -1.40 0.01	20.51 -1.04 0.00	12.07 -0.62 0.00	12.07 -0.56 0.00	16.41 -0.79 0.00	20.42 -1.19 0.00	25.18 -1.39 0.00	41.86 -2.07 0.00	10.14 -1.73 21.68	-17.08 -1.94 45.39	35.60 -1.68 0.00	35.97 -1.31 0.00	40.03 -1.41 0.00	29.27 -1.17 0.00	24.29 -1.30 0.00
BARRETT_IC_1 23704	32.40 1.66 0.00	31.47 1.44 0.00	29.13 1.35 0.00	30.41 1.31 0.00	29.94 1.38 0.00	37.85 1.79 0.00	37.96 2.40 0.00	33.62 2.27 0.00	20.72 1.21 0.00	26.07 1.54 0.00	36.82 1.49 -13.77	33.23 0.87 -19.67	28.59 0.79 -15.17	17.26 1.04 0.98	22.29 1.19 0.52	38.47 1.56 -10.34	63.89 2.69 -17.27	170.40 2.00 -134.85	182.09 1.95 -149.88	125.20 2.31 -85.61	370.46 2.30 -330.88	76.31 2.54 -32.33	32.48 2.04 0.00	27.86 1.63 -0.64
BARRETT_IC_10 23701	32.40 1.66 0.00	31.47 1.44 0.00	29.13 1.35 0.00	30.41 1.31 0.00	29.94 1.38 0.00	37.85 1.79 0.00	37.96 2.40 0.00	33.62 2.27 0.00	20.72 1.21 0.00	26.07 1.54 0.00	36.82 1.49 -13.77	33.23 0.87 -19.67	28.59 0.79 -15.17	17.26 1.04 0.98	22.29 1.19 0.52	38.47 1.56 -10.34	55.15 2.69 -8.53	76.22 2.00 -40.67	-95.57 1.95 127.78	69.92 2.31 -30.33	-560.44 2.30 600.02	76.31 2.54 -32.33	32.48 2.04 0.00	27.86 1.63 -0.64
BARRETT_IC_11 23702	32.40 1.66 0.00	31.47 1.44 0.00	29.13 1.35 0.00	30.41 1.31 0.00	29.94 1.38 0.00	37.85 1.79 0.00	37.96 2.40 0.00	33.62 2.27 0.00	20.72 1.21 0.00	26.07 1.54 0.00	36.82 1.49 -13.77	33.23 0.87 -19.67	28.59 0.79 -15.17	17.26 1.04 0.98	22.29 1.19 0.52	38.47 1.56 -10.34	55.15 2.69 -8.53	76.22 2.00 -40.67	-95.57 1.95 127.78	69.92 2.31 -30.33	-560.44 2.30 600.02	76.31 2.54 -32.33	32.48 2.04 0.00	27.86 1.63 -0.64
BARRETT_IC_12 23703	32.40 1.66 0.00	31.47 1.44 0.00	29.13 1.35 0.00	30.41 1.31 0.00	29.94 1.38 0.00	37.85 1.79 0.00	37.96 2.40 0.00	33.62 2.27 0.00	20.72 1.21 0.00	26.07 1.54 0.00	36.82 1.49 -13.77	33.23 0.87 -19.67	28.59 0.79 -15.17	17.26 1.04 0.98	22.29 1.19 0.52	38.47 1.56 -10.34	55.15 2.69 -8.53	76.22 2.00 -40.67	-95.57 1.95 127.78	69.92 2.31 -30.33	-560.44 2.30 600.02	76.31 2.54 -32.33	32.48 2.04 0.00	27.86 1.63 -0.64
BARRETT_IC_2 23705	32.40 1.66 0.00	31.47 1.44 0.00	29.13 1.35 0.00	30.41 1.31 0.00	29.94 1.38 0.00	37.85 1.79 0.00	37.96 2.40 0.00	33.62 2.27 0.00	20.72 1.21 0.00	26.07 1.54 0.00	36.82 1.49 -13.77	33.23 0.87 -19.67	28.59 0.79 -15.17	17.26 1.04 0.98	22.29 1.19 0.52	38.47 1.56 -10.34	63.89 2.69 -17.27	170.40 2.00 -134.85	182.09 1.95 -149.88	125.20 2.31 -85.61	370.46 2.30 -330.88	76.31 2.54 -32.33	32.48 2.04 0.00	27.86 1.63 -0.64
BARRETT_IC_3 23706	32.40 1.66 0.00	31.47 1.44 0.00	29.13 1.35 0.00	30.41 1.31 0.00	29.94 1.38 0.00	37.85 1.79 0.00	37.96 2.40 0.00	33.62 2.27 0.00	20.72 1.21 0.00	26.07 1.54 0.00	36.82 1.49 -13.77	33.23 0.87 -19.67	28.59 0.79 -15.17	17.26 1.04 0.98	22.29 1.19 0.52	38.47 1.56 -10.34	63.89 2.69 -17.27	170.40 2.00 -134.85	182.09 1.95 -149.88	125.20 2.31 -85.61	370.46 2.30 -330.88	76.31 2.54 -32.33	32.48 2.04 0.00	27.86 1.63 -0.64
BARRETT_IC_4 23707	32.40 1.66 0.00	31.47 1.44 0.00	29.13 1.35 0.00	30.41 1.31 0.00	29.94 1.38 0.00	37.85 1.79 0.00	37.96 2.40 0.00	33.62 2.27 0.00	20.72 1.21 0.00	26.07 1.54 0.00	36.82 1.49 -13.77	33.23 0.87 -19.67	28.59 0.79 -15.17	17.26 1.04 0.98	22.29 1.19 0.52	38.47 1.56 -10.34	63.89 2.69 -17.27	170.40 2.00 -134.85	182.09 1.95 -149.88	125.20 2.31 -85.61	370.46 2.30 -330.88	76.31 2.54 -32.33	32.48 2.04 0.00	27.86 1.63 -0.64

BARRETT_IC_5 23708	32.40 1.66 0.00	31.47 1.44 0.00	29.13 1.35 0.00	30.41 1.31 0.00	29.94 1.38 0.00	37.85 1.79 0.00	37.96 2.40 0.00	33.62 2.27 0.00	20.72 1.21 0.00	26.07 1.54 0.00	36.82 1.49 -13.77	33.23 0.87 -19.67	28.59 0.79 -15.17	17.26 1.04 0.98	22.29 1.19 0.52	38.47 1.56 -10.34	63.89 2.69 -17.27	170.40 2.00 -134.85	182.09 1.95 -149.88	125.20 2.31 -85.61	370.46 2.30 -330.88	76.31 2.54 -32.33	32.48 2.04 0.00	27.86 1.63 -0.64
BARRETT_IC_6 23709	32.40 1.66 0.00	31.47 1.44 0.00	29.13 1.35 0.00	30.41 1.31 0.00	29.94 1.38 0.00	37.85 1.79 0.00	37.96 2.40 0.00	33.62 2.27 0.00	20.72 1.21 0.00	26.07 1.54 0.00	36.82 1.49 -13.77	33.23 0.87 -19.67	28.59 0.79 -15.17	17.26 1.04 0.98	22.29 1.19 0.52	38.47 1.56 -10.34	63.89 2.69 -17.27	170.40 2.00 -134.85	182.09 1.95 -149.88	125.20 2.31 -85.61	370.46 2.30 -330.88	76.31 2.54 -32.33	32.48 2.04 0.00	27.86 1.63 -0.64
BARRETT_IC_7 23710	32.40 1.67 0.00	31.47 1.44 0.00	29.14 1.35 0.00	30.41 1.31 0.00	29.94 1.38 0.00	37.85 1.79 0.00	37.96 2.40 0.00	33.62 2.27 0.00	20.72 1.22 0.00	26.07 1.54 0.00	36.82 1.49 -13.77	33.22 0.86 -19.67	28.59 0.79 -15.17	17.26 1.04 0.98	22.28 1.19 0.52	38.47 1.56 -10.34	63.89 2.69 -17.27	170.40 2.01 -134.85	182.11 1.97 -149.88	125.20 2.31 -85.61	370.50 2.35 -330.88	76.30 2.53 -32.33	32.48 2.04 0.00	27.86 1.63 -0.64
BARRETT_IC_8 23711	32.40 1.66 0.00	31.47 1.44 0.00	29.13 1.35 0.00	30.41 1.31 0.00	29.94 1.38 0.00	37.85 1.79 0.00	37.96 2.40 0.00	33.62 2.27 0.00	20.72 1.21 0.00	26.07 1.54 0.00	36.82 1.49 -13.77	33.23 0.87 -19.67	28.59 0.79 -15.17	17.26 1.04 0.98	22.29 1.19 0.52	38.47 1.56 -10.34	63.89 2.69 -17.27	170.40 2.00 -134.85	182.09 1.95 -149.88	125.20 2.31 -85.61	370.46 2.30 -330.88	76.31 2.54 -32.33	32.48 2.04 0.00	27.86 1.63 -0.64
BARRETT_IC_9 23700	32.40 1.66 0.00	31.47 1.44 0.00	29.13 1.35 0.00	30.41 1.31 0.00	29.94 1.38 0.00	37.85 1.79 0.00	37.96 2.40 0.00	33.62 2.27 0.00	20.72 1.21 0.00	26.07 1.54 0.00	36.82 1.49 -13.77	33.23 0.87 -19.67	28.59 0.79 -15.17	17.26 1.04 0.98	22.29 1.19 0.52	38.47 1.56 -10.34	55.15 2.69 -8.53	76.22 2.00 -40.67	-95.57 1.95 127.78	69.92 2.31 -30.33	-560.44 2.30 600.02	76.31 2.54 -32.33	32.48 2.04 0.00	27.86 1.63 -0.64
BARRETT___1 23545	32.40 1.66 0.00	31.47 1.44 0.00	29.13 1.35 0.00	30.41 1.31 0.00	29.94 1.38 0.00	37.85 1.79 0.00	37.96 2.40 0.00	33.62 2.27 0.00	20.72 1.21 0.00	26.07 1.54 0.00	36.82 1.49 -13.77	33.23 0.87 -19.67	28.59 0.79 -15.17	17.26 1.04 0.98	22.29 1.19 0.52	38.47 1.56 -10.34	63.89 2.69 -17.27	170.40 2.00 -134.85	182.09 1.95 -149.88	125.20 2.31 -85.61	370.46 2.30 -330.88	76.31 2.54 -32.33	32.48 2.04 0.00	27.86 1.63 -0.64
BARRETT___2 23546	32.40 1.66 0.00	31.47 1.44 0.00	29.13 1.35 0.00	30.41 1.31 0.00	29.94 1.38 0.00	37.85 1.79 0.00	37.96 2.40 0.00	33.62 2.27 0.00	20.72 1.21 0.00	26.07 1.54 0.00	36.82 1.49 -13.77	33.23 0.87 -19.67	28.59 0.79 -15.17	17.26 1.04 0.98	22.29 1.19 0.52	38.47 1.56 -10.34	55.15 2.69 -8.53	76.22 2.00 -40.67	-95.57 1.95 127.78	69.92 2.31 -30.33	-560.44 2.30 600.02	76.31 2.54 -32.33	32.48 2.04 0.00	27.86 1.63 -0.64
BATAVIA__115KV_TB1 55881	29.82 -0.91 0.00	28.95 -1.07 0.00	26.77 -1.02 0.00	27.96 -1.15 0.00	27.26 -1.30 0.00	34.35 -1.71 0.00	33.68 -1.88 0.00	30.10 -1.25 0.00	18.72 -0.61 0.19	23.56 -0.97 0.00	20.81 -0.74 0.00	12.24 -0.45 0.00	12.21 -0.42 0.00	16.59 -0.61 0.00	20.69 -0.93 0.00	25.63 -0.94 0.00	41.97 -1.96 0.00	29.54 -1.83 2.17	23.67 -2.03 4.55	35.22 -2.06 0.00	35.53 -1.74 0.00	40.00 -1.44 0.00	29.29 -1.15 0.00	24.30 -1.29 0.00
BAYONEEC___CTG1 323682	32.73 1.99 0.00	31.81 1.79 0.00	29.32 1.53 0.00	30.72 1.61 0.00	30.25 1.69 0.00	38.36 2.30 0.00	38.13 2.57 0.00	33.95 2.61 0.00	21.13 1.63 0.00	26.51 1.98 0.00	23.30 1.75 0.00	27.20 1.00 -13.51	40.09 0.95 -26.50	32.37 1.27 -13.90	30.55 1.56 -7.37	31.74 1.92 -3.25	47.12 3.19 -0.01	36.08 2.52 -0.01	32.68 2.42 0.00	40.20 2.92 0.00	40.19 2.92 0.00	44.61 3.17 0.00	32.77 2.33 0.00	41.47 2.04 -13.84
BAYONEEC___CTG10 323750	32.73 1.99 0.00	31.81 1.79 0.00	29.32 1.53 0.00	30.72 1.61 0.00	30.25 1.69 0.00	38.36 2.30 0.00	38.13 2.57 0.00	33.95 2.61 0.00	21.13 1.63 0.00	26.51 1.98 0.00	23.30 1.75 0.00	27.20 1.00 -13.51	40.09 0.95 -26.50	32.37 1.27 -13.90	30.55 1.56 -7.37	31.74 1.92 -3.25	47.12 3.19 -0.01	36.08 2.52 -0.01	32.68 2.42 0.00	40.20 2.92 0.00	40.19 2.92 0.00	44.61 3.17 0.00	32.77 2.33 0.00	41.47 2.04 -13.84
BAYONEEC___CTG2 323683	32.73 1.99 0.00	31.81 1.79 0.00	29.32 1.53 0.00	30.72 1.61 0.00	30.25 1.69 0.00	38.36 2.30 0.00	38.13 2.57 0.00	33.95 2.61 0.00	21.13 1.63 0.00	26.51 1.98 0.00	23.30 1.75 0.00	27.20 1.00 -13.51	40.09 0.95 -26.50	32.37 1.27 -13.90	30.55 1.56 -7.37	31.74 1.92 -3.25	47.12 3.19 -0.01	36.08 2.52 -0.01	32.68 2.42 0.00	40.20 2.92 0.00	40.19 2.92 0.00	44.61 3.17 0.00	32.77 2.33 0.00	41.47 2.04 -13.84
BAYONEEC___CTG3 323684	32.73 1.99 0.00	31.81 1.79 0.00	29.32 1.53 0.00	30.72 1.61 0.00	30.25 1.69 0.00	38.36 2.30 0.00	38.13 2.57 0.00	33.95 2.61 0.00	21.13 1.63 0.00	26.51 1.98 0.00	23.30 1.75 0.00	27.20 1.00 -13.51	40.09 0.95 -26.50	32.37 1.27 -13.90	30.55 1.56 -7.37	31.74 1.92 -3.25	47.12 3.19 -0.01	36.08 2.52 -0.01	32.68 2.42 0.00	40.20 2.92 0.00	40.19 2.92 0.00	44.61 3.17 0.00	32.77 2.33 0.00	41.47 2.04 -13.84
BAYONEEC___CTG4 323685	32.73 1.99 0.00	31.81 1.79 0.00	29.32 1.53 0.00	30.72 1.61 0.00	30.25 1.69 0.00	38.36 2.30 0.00	38.13 2.57 0.00	33.95 2.61 0.00	21.13 1.63 0.00	26.51 1.98 0.00	23.30 1.75 0.00	27.20 1.00 -13.51	40.09 0.95 -26.50	32.37 1.27 -13.90	30.55 1.56 -7.37	31.74 1.92 -3.25	47.12 3.19 -0.01	36.08 2.52 -0.01	32.68 2.42 0.00	40.20 2.92 0.00	40.19 2.92 0.00	44.61 3.17 0.00	32.77 2.33 0.00	41.47 2.04 -13.84
BAYONEEC___CTG5 323686	32.73 1.99 0.00	31.81 1.79 0.00	29.32 1.53 0.00	30.72 1.61 0.00	30.25 1.69 0.00	38.36 2.30 0.00	38.13 2.57 0.00	33.95 2.61 0.00	21.13 1.63 0.00	26.51 1.98 0.00	23.30 1.75 0.00	27.20 1.00 -13.51	40.09 0.95 -26.50	32.37 1.27 -13.90	30.55 1.56 -7.37	31.74 1.92 -3.25	47.12 3.19 -0.01	36.08 2.52 -0.01	32.68 2.42 0.00	40.20 2.92 0.00	40.19 2.92 0.00	44.61 3.17 0.00	32.77 2.33 0.00	41.47 2.04 -13.84
BAYONEEC___CTG6 323687	32.73 1.99 0.00	31.81 1.79 0.00	29.32 1.53 0.00	30.72 1.61 0.00	30.25 1.69 0.00	38.36 2.30 0.00	38.13 2.57 0.00	33.95 2.61 0.00	21.13 1.63 0.00	26.51 1.98 0.00	23.30 1.75 0.00	27.20 1.00 -13.51	40.09 0.95 -26.50	32.37 1.27 -13.90	30.55 1.56 -7.37	31.74 1.92 -3.25	47.12 3.19 -0.01	36.08 2.52 -0.01	32.68 2.42 0.00	40.20 2.92 0.00	40.19 2.92 0.00	44.61 3.17 0.00	32.77 2.33 0.00	41.47 2.04 -13.84

BAYONEEC___CTG7 323688	32.73 1.99 0.00	31.81 1.79 0.00	29.32 1.53 0.00	30.72 1.61 0.00	30.25 1.69 0.00	38.36 2.30 0.00	38.13 2.57 0.00	33.95 2.61 0.00	21.13 1.63 0.00	26.51 1.98 0.00	23.30 1.75 0.00	27.20 1.00 -13.51	40.09 0.95 -26.50	32.37 1.27 -13.90	30.55 1.56 -7.37	31.74 1.92 -3.25	47.12 3.19 -0.01	36.08 2.52 -0.01	32.68 2.42 0.00	40.20 2.92 0.00	40.19 2.92 0.00	44.61 3.17 0.00	32.77 2.33 0.00	41.47 2.04 -13.84
BAYONEEC___CTG8 323689	32.73 1.99 0.00	31.81 1.79 0.00	29.32 1.53 0.00	30.72 1.61 0.00	30.25 1.69 0.00	38.36 2.30 0.00	38.13 2.57 0.00	33.95 2.61 0.00	21.13 1.63 0.00	26.51 1.98 0.00	23.30 1.75 0.00	27.20 1.00 -13.51	40.09 0.95 -26.50	32.37 1.27 -13.90	30.55 1.56 -7.37	31.74 1.92 -3.25	47.12 3.19 -0.01	36.08 2.52 -0.01	32.68 2.42 0.00	40.20 2.92 0.00	40.19 2.92 0.00	44.61 3.17 0.00	32.77 2.33 0.00	41.47 2.04 -13.84
BAYONEEC___CTG9 323749	32.73 1.99 0.00	31.81 1.79 0.00	29.32 1.53 0.00	30.72 1.61 0.00	30.25 1.69 0.00	38.36 2.30 0.00	38.13 2.57 0.00	33.95 2.61 0.00	21.13 1.63 0.00	26.51 1.98 0.00	23.30 1.75 0.00	27.20 1.00 -13.51	40.09 0.95 -26.50	32.37 1.27 -13.90	30.55 1.56 -7.37	31.74 1.92 -3.25	47.12 3.19 -0.01	36.08 2.52 -0.01	32.68 2.42 0.00	40.20 2.92 0.00	40.19 2.92 0.00	44.61 3.17 0.00	32.77 2.33 0.00	41.47 2.04 -13.84
BEACON___LESR 323632	31.63 0.89 0.00	30.79 0.77 0.00	28.42 0.64 0.00	29.80 0.69 0.00	29.34 0.78 0.00	37.12 1.06 0.00	36.85 1.29 0.00	32.56 1.21 0.00	20.21 0.70 0.00	25.40 0.86 0.00	22.13 0.58 0.00	13.00 0.32 0.00	12.96 0.33 0.00	17.65 0.45 0.00	22.27 0.66 0.00	27.36 0.80 0.00	45.35 1.42 0.00	34.75 1.20 0.00	31.48 1.22 0.00	38.62 1.35 0.00	38.62 1.34 0.00	42.72 1.29 0.00	31.55 1.11 0.00	26.50 0.90 0.00
BEAVER RIVER___HYD 24048	30.53 -0.21 0.00	30.08 0.06 0.00	28.12 0.34 0.00	29.46 0.35 0.00	28.82 0.27 0.00	36.29 0.23 0.00	35.41 -0.15 0.00	30.97 -0.37 0.00	19.08 -0.43 0.00	24.07 -0.46 0.00	21.04 -0.52 0.00	12.38 -0.30 0.00	12.14 -0.49 0.00	16.52 -0.68 0.00	20.78 -0.83 0.00	25.89 -0.69 0.00	42.84 -1.08 0.00	33.08 -0.47 0.00	29.88 -0.39 0.00	36.58 -0.70 0.00	37.20 -0.66 0.00	40.43 -1.01 0.00	29.72 -1.00 0.00	24.71 -0.88 0.00
BEEBEE_GT_13 23619	29.88 -0.86 0.00	29.06 -0.96 0.00	26.87 -0.91 0.00	28.10 -1.01 0.00	27.45 -1.11 0.00	34.62 -1.44 0.00	34.03 -1.53 0.00	30.11 -1.24 0.00	18.79 -0.72 0.00	23.62 -0.91 0.00	20.92 -0.63 0.00	12.33 -0.35 0.00	12.28 -0.35 0.00	16.70 -0.50 0.00	20.92 -0.69 0.00	25.82 -0.75 0.00	42.40 -1.52 0.00	32.13 -1.42 0.00	28.73 -1.53 0.00	35.71 -1.56 0.00	35.86 -1.41 0.00	40.16 -1.27 0.00	29.44 -1.00 0.00	24.53 -1.06 0.00
BENSHRST_27_KV_BENSHRST_1 355998	48.11 2.39 -14.99	48.13 2.18 -15.93	48.08 1.91 -18.39	47.54 2.02 -16.42	47.50 2.10 -16.84	47.91 2.77 -9.07	48.32 3.06 -9.69	46.38 3.08 -11.95	48.16 1.95 -26.71	44.85 2.39 -17.93	46.10 2.10 -22.45	44.77 1.19 -30.90	46.12 1.08 -32.41	44.16 1.46 -25.50	43.35 1.81 -19.93	42.78 2.27 -13.94	52.46 3.84 -4.69	44.98 3.10 -8.33	47.81 2.92 -14.63	48.13 3.54 -7.31	45.11 3.52 -4.31	50.45 3.82 -5.20	43.37 2.86 -10.08	54.63 2.40 -26.65
BETHLEHEM___GRP 23843	31.07 0.34 0.00	30.26 0.24 0.00	27.96 0.18 0.00	29.32 0.21 0.00	28.83 0.28 0.00	36.43 0.37 0.00	36.20 0.64 0.00	31.98 0.63 0.00	19.90 0.39 0.00	24.97 0.43 0.00	21.84 0.29 0.00	12.83 0.14 0.00	12.78 0.15 0.00	17.42 0.22 0.00	21.92 0.30 0.00	26.94 0.37 0.00	44.48 0.56 0.00	34.15 0.60 0.00	30.91 0.65 0.00	37.85 0.57 0.00	37.87 0.59 0.00	42.01 0.57 0.00	30.95 0.51 0.00	26.10 0.51 0.00
BETHLEHEM___GS1 323560	31.07 0.34 0.00	30.27 0.24 0.00	27.97 0.18 0.00	29.32 0.21 0.00	28.83 0.28 0.00	36.43 0.37 0.00	36.20 0.64 0.00	31.98 0.63 0.00	19.90 0.39 0.00	24.97 0.44 0.00	21.84 0.29 0.00	12.83 0.14 0.00	12.78 0.15 0.00	17.43 0.23 0.00	21.92 0.30 0.00	26.94 0.37 0.00	44.48 0.56 0.00	34.15 0.60 0.00	30.91 0.65 0.00	37.85 0.57 0.00	37.88 0.60 0.00	42.01 0.57 0.00	30.94 0.51 0.00	26.10 0.51 0.00
BETHLEHEM___GS2 323561	31.07 0.34 0.00	30.27 0.24 0.00	27.97 0.18 0.00	29.32 0.21 0.00	28.83 0.28 0.00	36.43 0.37 0.00	36.20 0.64 0.00	31.98 0.63 0.00	19.90 0.39 0.00	24.97 0.44 0.00	21.84 0.29 0.00	12.83 0.14 0.00	12.78 0.15 0.00	17.43 0.23 0.00	21.92 0.30 0.00	26.94 0.37 0.00	44.48 0.56 0.00	34.15 0.60 0.00	30.91 0.65 0.00	37.85 0.57 0.00	37.88 0.60 0.00	42.01 0.57 0.00	30.94 0.51 0.00	26.10 0.51 0.00
BETHLEHEM___GS3 323562	31.07 0.34 0.00	30.27 0.24 0.00	27.97 0.18 0.00	29.32 0.21 0.00	28.83 0.28 0.00	36.43 0.37 0.00	36.20 0.64 0.00	31.98 0.63 0.00	19.90 0.39 0.00	24.97 0.44 0.00	21.84 0.29 0.00	12.83 0.14 0.00	12.78 0.15 0.00	17.43 0.23 0.00	21.92 0.30 0.00	26.94 0.37 0.00	44.48 0.56 0.00	34.15 0.60 0.00	30.91 0.65 0.00	37.85 0.57 0.00	37.88 0.60 0.00	42.01 0.57 0.00	30.94 0.51 0.00	26.10 0.51 0.00
BETHLEHEM___STEEL 23779	29.62 -1.12 0.00	28.68 -1.35 0.00	26.46 -1.32 0.00	27.58 -1.53 0.00	26.84 -1.72 0.00	33.72 -2.34 0.00	32.93 -2.63 0.00	29.28 -2.07 0.00	18.14 -1.09 0.28	23.18 -1.35 0.00	20.56 -0.99 0.00	12.13 -0.56 0.00	12.09 -0.54 0.00	16.38 -0.82 0.00	20.42 -1.19 0.00	25.23 -1.34 0.00	41.42 -2.51 0.00	27.32 -2.23 4.00	19.54 -2.35 8.37	34.81 -2.47 0.00	35.05 -2.23 0.00	39.47 -1.97 0.00	28.89 -1.55 0.00	23.95 -1.64 0.00
BETHLHEM_115KV_TB1 79974	31.14 0.41 0.00	30.33 0.31 0.00	28.02 0.24 0.00	29.38 0.27 0.00	28.89 0.33 0.00	36.51 0.45 0.00	36.27 0.71 0.00	32.04 0.70 0.00	19.94 0.43 0.00	25.02 0.48 0.00	21.90 0.34 0.00	12.86 0.17 0.00	12.81 0.17 0.00	17.46 0.27 0.00	21.96 0.35 0.00	27.00 0.43 0.00	44.59 0.66 0.00	34.22 0.68 0.00	30.96 0.70 0.00	37.92 0.64 0.00	37.96 0.68 0.00	42.11 0.67 0.00	31.01 0.57 0.00	26.15 0.56 0.00
BETHPAGE_CC_5 323564	32.55 1.81 0.00	31.59 1.57 0.00	29.26 1.48 0.00	30.55 1.44 0.00	30.05 1.50 0.00	38.01 1.95 0.00	38.20 2.64 0.00	33.88 2.53 0.00	20.83 1.32 0.00	26.19 1.65 0.00	25.82 1.56 -2.71	20.23 0.90 -6.64	12.29 0.81 1.15	17.27 1.05 0.98	22.32 1.23 0.52	29.63 1.63 -1.43	51.26 2.89 -4.44	53.18 2.12 -17.51	60.91 2.14 -28.52	50.51 2.55 -10.69	76.26 2.58 -36.40	79.38 2.81 -35.13	32.64 2.20 0.00	28.01 1.78 -0.64
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	29.73 -1.01 0.00	28.78 -1.25 0.00	26.55 -1.23 0.00	27.67 -1.44 0.00	26.92 -1.64 0.00	33.82 -2.24 0.00	33.02 -2.54 0.00	29.37 -1.98 0.00	18.21 -1.03 0.26	23.26 -1.27 0.00	20.63 -0.92 0.00	12.17 -0.52 0.00	12.13 -0.50 0.00	16.44 -0.76 0.00	20.49 -1.13 0.00	25.31 -1.26 0.00	41.59 -2.34 0.00	27.69 -2.11 3.75	20.18 -2.23 7.85	34.96 -2.32 0.00	35.20 -2.08 0.00	39.62 -1.82 0.00	28.98 -1.46 0.00	24.02 -1.57 0.00

BINGHAMTON___COGEN 23790	31.10 0.37 0.00	30.25 0.23 0.00	27.91 0.13 0.00	29.22 0.11 0.00	28.57 0.02 0.00	36.04 -0.03 0.00	35.49 -0.07 0.00	31.38 0.04 0.00	19.55 0.04 0.00	24.53 0.00 0.00	21.59 0.04 0.00	12.72 0.04 0.00	12.68 0.05 0.00	17.23 0.03 0.00	21.63 0.02 0.00	26.60 0.03 0.00	43.97 0.04 0.00	33.57 0.02 0.00	30.21 -0.05 0.00	37.38 0.10 0.00	37.44 0.17 0.00	41.60 0.16 0.00	30.54 0.10 0.00	25.62 0.03 0.00
BIXINCNT_115KV_LOAD 355685	30.45 -0.29 0.00	29.37 -0.66 0.00	26.86 -0.93 0.00	27.94 -1.17 0.00	27.05 -1.51 0.00	33.88 -2.18 0.00	32.81 -2.75 0.00	29.07 -2.28 0.00	18.36 -0.98 0.17	23.33 -1.20 0.00	20.70 -0.86 0.00	12.14 -0.55 0.00	12.23 -0.40 0.00	16.72 -0.48 0.00	20.46 -1.16 0.00	25.27 -1.30 0.00	42.25 -1.67 0.00	29.18 -2.02 2.36	23.22 -2.10 4.93	35.44 -1.84 0.00	35.90 -1.38 0.00	40.28 -1.16 0.00	29.08 -1.35 0.00	23.93 -1.66 0.00
BLACK RIVER___HYD 24047	30.57 -0.17 0.00	30.05 0.03 0.00	28.15 0.37 0.00	29.49 0.38 0.00	28.82 0.25 0.00	36.31 0.25 0.00	35.47 -0.09 0.00	31.00 -0.35 0.00	19.03 -0.48 0.00	23.97 -0.57 0.00	20.99 -0.56 0.00	12.37 -0.32 0.00	12.09 -0.54 0.00	16.46 -0.74 0.00	20.83 -0.78 0.00	26.01 -0.56 0.00	42.78 -1.15 0.00	33.20 -0.35 0.00	29.97 -0.29 0.00	36.51 -0.77 0.00	37.08 -0.60 -0.40	40.51 -0.93 0.00	29.65 -0.98 -0.19	24.66 -0.93 0.00
BLACKRVR_115KV_TB2 79977	30.57 -0.17 0.00	30.05 0.03 0.00	28.15 0.37 0.00	29.49 0.38 0.00	28.81 0.26 0.00	36.31 0.25 0.00	35.47 -0.09 0.00	31.00 -0.35 0.00	19.03 -0.48 0.00	23.97 -0.57 0.00	20.99 -0.56 0.00	12.37 -0.32 0.00	12.09 -0.54 0.00	16.46 -0.74 0.00	20.83 -0.78 0.00	26.01 -0.56 0.00	42.78 -1.15 0.00	33.20 -0.35 0.00	29.97 -0.29 0.00	36.51 -0.77 0.00	37.08 -0.60 -0.40	40.51 -0.93 0.00	29.65 -0.98 -0.19	24.66 -0.93 0.00
BLISS_WT_PWR 323608	30.45 -0.29 0.00	29.34 -0.69 0.00	26.77 -1.02 0.00	27.82 -1.29 0.00	26.91 -1.65 0.00	33.66 -2.40 0.00	32.51 -3.05 0.00	28.77 -2.57 0.00	18.24 -1.10 0.17	23.19 -1.34 0.00	20.57 -0.98 0.00	12.08 -0.61 0.00	12.19 -0.44 0.00	16.68 -0.52 0.00	20.30 -1.31 0.00	25.07 -1.50 0.00	42.16 -1.77 0.00	29.00 -2.19 2.36	23.08 -2.25 4.93	35.32 -1.96 0.00	35.85 -1.42 0.00	40.20 -1.24 0.00	28.93 -1.51 0.00	23.74 -1.85 0.00
BLUESTONE___WT_PWR 323821	32.62 1.88 0.00	31.75 1.73 0.00	29.29 1.51 0.00	30.64 1.53 0.00	29.49 0.93 0.00	36.27 0.21 0.00	35.89 0.33 0.00	31.37 0.02 0.00	19.39 -0.11 0.00	24.33 -0.21 0.00	21.32 -0.24 0.00	12.33 -0.36 0.00	12.20 -0.43 0.00	16.71 -0.49 0.00	21.13 -0.48 0.00	25.85 -0.72 0.00	42.56 -1.36 0.00	32.62 -0.93 0.00	29.35 -0.91 0.00	36.42 -0.86 0.00	36.69 -0.59 0.00	40.98 -0.46 0.00	29.80 -0.64 0.00	25.05 -0.54 0.00
BLUE_CIRC_CHEM_DRP 24182	31.46 0.72 0.00	30.65 0.63 0.00	28.31 0.53 0.00	29.69 0.58 0.00	29.19 0.63 0.00	36.90 0.84 0.00	36.58 1.02 0.00	32.22 0.87 0.00	19.96 0.46 0.00	25.02 0.48 0.00	21.90 0.35 0.00	12.87 0.18 0.00	12.82 0.18 0.00	17.50 0.30 0.00	22.02 0.40 0.00	27.14 0.58 0.00	44.98 1.06 0.00	34.42 0.87 0.00	31.12 0.86 0.00	38.26 0.98 0.00	38.28 1.01 0.00	42.48 1.04 0.00	31.27 0.83 0.00	26.35 0.76 0.00
BOC_GAS_DRP 24189	31.29 0.55 0.00	30.50 0.48 0.00	28.16 0.38 0.00	29.54 0.43 0.00	29.01 0.45 0.00	36.68 0.62 0.00	36.36 0.81 0.00	32.15 0.80 0.00	20.01 0.50 0.00	25.12 0.59 0.00	22.03 0.47 0.00	12.94 0.25 0.00	12.88 0.25 0.00	17.55 0.35 0.00	22.06 0.45 0.00	27.10 0.54 0.00	44.81 0.89 0.00	34.32 0.77 0.00	31.03 0.77 0.00	38.10 0.82 0.00	38.12 0.84 0.00	42.34 0.90 0.00	31.12 0.68 0.00	26.23 0.64 0.00
BOONVILLE_115KV_TB1 79983	31.20 0.46 0.00	30.57 0.55 0.00	28.38 0.60 0.00	29.74 0.63 0.00	29.13 0.57 0.00	36.76 0.70 0.00	36.12 0.56 0.00	31.70 0.35 0.00	19.61 0.11 0.00	24.68 0.15 0.00	21.54 -0.01 0.00	12.70 0.01 0.00	12.53 -0.10 0.00	17.06 -0.14 0.00	21.52 -0.10 0.00	26.68 0.11 0.00	44.15 0.23 0.00	33.90 0.35 0.00	30.57 0.31 0.00	37.61 0.34 0.00	37.87 0.37 -0.23	41.65 0.21 0.00	30.54 -0.01 -0.11	25.56 -0.03 0.00
BORALEX_4TH_BRANCH 23824	31.85 1.12 0.00	30.95 0.93 0.00	28.59 0.81 0.00	30.07 0.96 0.00	29.65 1.10 0.00	37.46 1.40 0.00	37.15 1.59 0.00	32.81 1.46 0.00	20.39 0.88 0.00	25.55 1.02 0.00	22.24 0.68 0.00	13.02 0.33 0.00	13.01 0.38 0.00	17.73 0.53 0.00	22.26 0.65 0.00	27.41 0.84 0.00	45.47 1.54 0.00	34.95 1.39 0.00	31.58 1.32 0.00	38.74 1.47 0.00	38.74 1.46 0.00	42.96 1.52 0.00	31.64 1.20 0.00	26.72 1.13 0.00
BOWLINE___1 23526	32.10 1.37 0.00	31.19 1.17 0.00	28.70 0.92 0.00	30.07 0.96 0.00	29.61 1.05 0.00	37.55 1.49 0.00	37.33 1.77 0.00	33.26 1.91 0.00	20.69 1.18 0.00	25.93 1.40 0.00	22.78 1.22 0.00	13.39 0.70 0.00	13.30 0.67 0.00	18.09 0.89 0.00	22.69 1.07 0.00	27.90 1.33 0.00	46.21 2.28 0.00	35.38 1.83 0.00	32.08 1.82 0.00	39.48 2.21 0.00	39.53 2.25 0.00	43.83 2.39 0.00	32.16 1.72 0.00	26.90 1.49 0.18
BOWLINE___2 23595	32.10 1.37 0.00	31.19 1.17 0.00	28.70 0.92 0.00	30.07 0.97 0.00	29.61 1.05 0.00	37.55 1.49 0.00	37.33 1.77 0.00	33.26 1.92 0.00	20.69 1.18 0.00	25.93 1.40 0.00	22.78 1.23 0.00	13.39 0.70 0.00	13.30 0.67 0.00	18.09 0.89 0.00	22.69 1.07 0.00	27.90 1.33 0.00	46.21 2.28 0.00	35.38 1.83 0.00	32.08 1.82 0.00	39.48 2.21 0.00	39.53 2.25 0.00	43.83 2.39 0.00	32.16 1.72 0.00	26.90 1.49 0.18
BRADY___115KV_TB2 356060	30.89 0.15 0.00	30.37 0.35 0.00	28.35 0.57 0.00	29.69 0.58 0.00	29.14 0.58 0.00	36.73 0.67 0.00	36.00 0.44 0.00	31.52 0.18 0.00	19.48 -0.03 0.00	24.59 0.06 0.00	21.57 0.01 0.00	12.73 0.04 0.00	12.75 0.12 0.00	17.38 0.18 0.00	21.71 0.10 0.00	26.71 0.14 0.00	44.43 0.50 0.00	33.81 0.26 0.00	30.49 0.24 0.00	37.69 0.41 0.00	38.27 0.25 -0.75	41.73 0.29 0.00	31.11 0.32 -0.35	25.80 0.21 0.00
BRANSCOMB___SOLAR 323811	31.98 1.25 0.00	31.12 1.10 0.00	28.76 0.98 0.00	30.22 1.11 0.00	29.74 1.18 0.00	37.74 1.68 0.00	37.53 1.98 0.00	33.09 1.74 0.00	20.40 0.89 0.00	25.48 0.94 0.00	22.16 0.60 0.00	12.99 0.30 0.00	12.94 0.31 0.00	17.70 0.50 0.00	22.33 0.72 0.00	27.63 1.06 0.00	45.83 1.90 0.00	35.27 1.72 0.00	31.96 1.71 0.00	39.34 2.06 0.00	39.30 2.02 0.00	43.55 2.11 0.00	31.88 1.44 0.00	26.85 1.26 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	32.76 2.03 0.00	31.81 1.78 0.00	29.53 1.74 0.00	30.78 1.67 0.00	30.30 1.75 0.00	38.25 2.19 0.00	38.54 2.99 0.00	34.18 2.83 0.00	20.86 1.36 0.00	26.23 1.70 0.00	24.71 1.57 -1.58	18.62 0.93 -5.00	10.84 0.78 2.57	17.23 1.01 0.98	22.25 1.15 0.52	28.70 1.57 -0.56	50.07 2.95 -3.20	43.49 2.24 -7.70	49.37 2.21 -16.91	44.36 2.58 -4.50	47.80 2.68 -7.85	74.74 2.85 -30.46	32.93 2.49 0.00	28.15 1.92 -0.64

BRISTLHL_115KV_TB1 79998	30.13 -0.61 0.00	29.40 -0.62 0.00	27.19 -0.60 0.00	28.47 -0.63 0.00	27.91 -0.65 0.00	35.25 -0.81 0.00	34.78 -0.78 0.00	30.71 -0.64 0.00	19.11 -0.40 0.00	23.95 -0.59 0.00	21.05 -0.51 0.00	12.42 -0.27 0.00	12.35 -0.28 0.00	16.85 -0.35 0.00	21.24 -0.37 0.00	26.10 -0.47 0.00	43.12 -0.80 0.00	32.87 -0.68 0.00	29.62 -0.64 0.00	36.55 -0.73 0.00	36.63 -0.65 0.00	40.70 -0.74 0.00	29.83 -0.61 0.00	25.02 -0.57 0.00
BROOKHAVEN___DRP 24191	32.37 1.64 0.00	31.42 1.40 0.00	29.26 1.48 0.00	30.50 1.39 0.00	30.06 1.50 0.00	37.87 1.81 0.00	38.48 2.92 0.00	34.08 2.74 0.00	20.61 1.10 0.00	25.96 1.42 0.00	24.31 1.30 -1.46	18.29 0.79 -4.82	10.47 0.58 2.73	16.93 0.71 0.98	-41.80 0.75 64.17	-62.82 1.10 90.48	-12.30 2.19 58.42	-1.50 1.63 36.68	47.84 2.13 -15.45	43.34 2.28 -3.78	43.94 2.52 -4.14	74.34 2.98 -29.93	32.80 2.36 0.00	27.88 1.65 -0.64
BROOKLYN_NAVY_YARD 23515	32.84 2.11 0.00	31.92 1.90 0.00	29.41 1.63 0.00	30.82 1.71 0.00	30.35 1.79 0.00	38.47 2.42 0.00	38.19 2.64 0.00	34.00 2.65 0.00	21.16 1.65 0.00	26.55 2.01 0.00	23.33 1.78 0.00	27.23 1.03 -13.51	40.12 0.99 -26.50	32.42 1.32 -13.90	30.60 1.61 -7.37	31.80 1.98 -3.25	47.19 3.26 -0.01	36.54 2.57 -0.42	39.32 2.47 -6.60	40.25 2.97 0.00	64.54 2.99 -24.27	44.71 3.27 0.00	32.87 2.43 0.00	41.56 2.13 -13.84
BROOKLYN___ARMY_DRP 323595	47.97 2.24 -14.99	48.00 2.04 -15.93	47.97 1.79 -18.39	47.43 1.90 -16.42	47.38 1.98 -16.84	47.75 2.61 -9.07	48.16 2.91 -9.69	46.24 2.94 -11.95	48.07 1.86 -26.71	44.73 2.27 -17.93	45.99 1.99 -22.45	44.71 1.12 -30.90	46.06 1.02 -32.41	44.07 1.38 -25.50	43.25 1.70 -19.93	42.65 2.14 -13.94	52.23 3.61 -4.69	44.80 2.92 -8.33	47.65 2.76 -14.63	47.91 3.32 -7.31	44.90 3.31 -4.31	50.22 3.58 -5.20	43.21 2.70 -10.08	54.51 2.27 -26.65
BROOKVLE_69_KV_TB1 55790	32.70 1.96 0.00	31.76 1.74 0.00	29.34 1.56 0.00	30.70 1.59 0.00	30.20 1.64 0.00	38.26 2.20 0.00	38.26 2.70 0.00	33.98 2.63 0.00	21.02 1.52 0.00	26.40 1.87 0.00	27.75 1.74 -4.45	23.22 1.00 -9.53	14.36 0.94 -0.79	17.46 1.24 0.98	22.59 1.49 0.52	31.20 1.90 -2.73	53.66 3.16 -6.58	69.03 2.51 -32.97	84.07 2.39 -51.42	60.38 2.87 -20.24	137.78 2.88 -97.62	93.94 3.09 -49.40	32.80 2.36 0.00	28.17 1.94 -0.64
BROOME_2_LFGE 323671	31.10 0.37 0.00	30.25 0.23 0.00	27.91 0.13 0.00	29.22 0.11 0.00	28.57 0.02 0.00	36.04 -0.03 0.00	35.49 -0.07 0.00	31.38 0.04 0.00	19.55 0.04 0.00	24.52 0.00 0.00	21.59 0.04 0.00	12.73 0.04 0.00	12.68 0.05 0.00	17.23 0.03 0.00	21.63 0.02 0.00	26.60 0.03 0.00	43.97 0.04 0.00	33.56 0.01 0.00	30.20 -0.05 0.00	37.38 0.10 0.00	37.44 0.16 0.00	41.61 0.16 0.00	30.54 0.10 0.00	25.62 0.03 0.00
BROOME___LFGE 323600	31.10 0.37 0.00	30.25 0.23 0.00	27.91 0.13 0.00	29.22 0.11 0.00	28.57 0.02 0.00	36.04 -0.03 0.00	35.49 -0.07 0.00	31.38 0.04 0.00	19.55 0.04 0.00	24.52 0.00 0.00	21.59 0.04 0.00	12.73 0.04 0.00	12.68 0.05 0.00	17.23 0.03 0.00	21.63 0.02 0.00	26.60 0.03 0.00	43.97 0.04 0.00	33.56 0.01 0.00	30.20 -0.05 0.00	37.38 0.10 0.00	37.44 0.16 0.00	41.61 0.16 0.00	30.54 0.10 0.00	25.62 0.03 0.00
BROWNFLS_115KV_TB_3_5 80003	30.23 -0.51 0.00	29.77 -0.24 0.00	27.84 0.05 0.00	29.17 0.06 0.00	28.57 0.01 0.00	36.00 -0.06 0.00	35.17 -0.39 0.00	30.80 -0.55 0.00	19.02 -0.49 0.00	24.01 -0.53 0.00	21.00 -0.56 0.00	12.37 -0.32 0.00	12.23 -0.40 0.00	16.65 -0.55 0.00	20.89 -0.72 0.00	25.87 -0.70 0.00	42.87 -1.05 0.00	32.91 -0.64 0.00	29.70 -0.56 0.00	36.49 -0.78 0.00	37.48 -0.84 -1.04	40.33 -1.11 0.00	30.05 -0.89 -0.49	24.79 -0.81 0.00
BROWNSV1_27_KV_LOAD 356125	32.98 2.24 0.00	32.05 2.03 0.00	29.53 1.75 0.00	30.95 1.84 0.00	30.46 1.90 0.00	38.63 2.56 0.00	38.42 2.86 0.00	34.21 2.87 0.00	21.30 1.79 0.00	26.72 2.18 0.00	23.49 1.94 0.00	27.31 1.11 -13.51	40.19 1.06 -26.50	32.51 1.41 -13.90	30.71 1.73 -7.37	31.95 2.14 -3.25	47.52 3.59 -0.01	36.39 2.83 -0.01	32.95 2.69 0.00	40.53 3.26 0.00	40.53 3.26 0.00	44.99 3.55 0.00	33.04 2.61 0.00	41.68 2.24 -13.84
BURROWS___LYONSDAL 23803	31.00 0.26 0.00	30.44 0.42 0.00	28.30 0.52 0.00	29.66 0.55 0.00	29.04 0.48 0.00	36.62 0.56 0.00	35.88 0.33 0.00	31.47 0.12 0.00	19.45 -0.06 0.00	24.51 -0.02 0.00	21.38 -0.18 0.00	12.59 -0.10 0.00	12.39 -0.24 0.00	16.87 -0.33 0.00	21.26 -0.35 0.00	26.40 -0.17 0.00	43.72 -0.21 0.00	33.63 0.08 0.00	30.34 0.08 0.00	37.29 0.01 0.00	37.62 0.05 -0.30	41.25 -0.19 0.00	30.23 -0.35 -0.14	25.28 -0.31 0.00
CAITHNESS_CC_1 323624	32.37 1.64 0.00	31.42 1.40 0.00	29.25 1.46 0.00	30.48 1.38 0.00	30.03 1.48 0.00	37.86 1.80 0.00	38.40 2.84 0.00	34.01 2.67 0.00	20.62 1.11 0.00	25.97 1.44 0.00	24.33 1.32 -1.46	18.30 0.80 -4.81	10.49 0.60 2.74	16.97 0.75 0.98	-41.75 0.81 64.18	-62.77 1.16 90.49	-12.23 2.27 58.43	-1.48 1.68 36.71	47.75 2.07 -15.43	43.31 2.26 -3.77	43.80 2.45 -4.08	74.24 2.89 -29.92	32.74 2.30 0.00	27.88 1.65 -0.64
CALPINE BETH_PAGE_GT4 24209	32.48 1.74 0.00	31.53 1.51 0.00	29.20 1.41 0.00	30.49 1.38 0.00	29.99 1.44 0.00	37.94 1.88 0.00	38.11 2.55 0.00	33.80 2.46 0.00	20.79 1.28 0.00	26.16 1.63 0.00	26.35 1.54 -3.26	21.03 0.89 -7.45	12.97 0.80 0.46	17.26 1.04 0.98	22.30 1.21 0.52	30.03 1.61 -1.85	51.69 2.83 -4.93	56.72 2.02 -21.15	65.79 2.04 -33.49	52.90 2.41 -13.21	90.77 2.45 -51.04	81.57 2.65 -37.48	32.53 2.09 0.00	27.96 1.73 -0.64
CALPINE_BETH_PAGE_GT_4 323586	32.48 1.74 0.00	31.53 1.51 0.00	29.20 1.41 0.00	30.49 1.38 0.00	29.99 1.44 0.00	37.94 1.88 0.00	38.11 2.55 0.00	33.80 2.46 0.00	20.79 1.28 0.00	26.16 1.63 0.00	26.35 1.54 -3.26	21.03 0.89 -7.45	12.97 0.80 0.46	17.26 1.04 0.98	22.31 1.21 0.52	30.03 1.61 -1.85	51.70 2.84 -4.93	56.71 2.01 -21.15	65.77 2.02 -33.49	52.90 2.42 -13.21	90.75 2.44 -51.04	81.57 2.65 -37.48	32.52 2.08 0.00	27.96 1.73 -0.64
CALPINE_BP_GT1 23823	32.48 1.74 0.00	31.53 1.51 0.00	29.20 1.41 0.00	30.49 1.38 0.00	29.99 1.44 0.00	37.94 1.88 0.00	38.11 2.55 0.00	33.80 2.46 0.00	20.79 1.28 0.00	26.16 1.63 0.00	26.35 1.54 -3.26	21.03 0.89 -7.45	12.97 0.80 0.46	17.26 1.04 0.98	22.31 1.21 0.52	30.03 1.61 -1.85	51.70 2.84 -4.93	56.71 2.01 -21.15	65.77 2.02 -33.49	52.90 2.42 -13.21	90.75 2.44 -51.04	81.57 2.65 -37.48	32.52 2.08 0.00	27.96 1.73 -0.64
CALSPAN___DRP 24200	29.62 -1.12 0.00	28.68 -1.35 0.00	26.46 -1.32 0.00	27.58 -1.53 0.00	26.84 -1.72 0.00	33.72 -2.34 0.00	32.93 -2.63 0.00	29.28 -2.07 0.00	18.14 -1.09 0.28	23.18 -1.35 0.00	20.56 -0.99 0.00	12.13 -0.56 0.00	12.09 -0.54 0.00	16.38 -0.82 0.00	20.42 -1.19 0.00	25.23 -1.34 0.00	41.42 -2.51 0.00	27.32 -2.23 4.00	19.54 -2.35 8.37	34.81 -2.47 0.00	35.05 -2.23 0.00	39.47 -1.97 0.00	28.89 -1.55 0.00	23.95 -1.64 0.00

CALVERTON___SOLAR 323806	32.38 1.65 0.00	31.44 1.42 0.00	29.28 1.50 0.00	30.54 1.43 0.00	30.09 1.53 0.00	37.92 1.85 0.00	38.59 3.03 0.00	34.17 2.83 0.00	20.61 1.10 0.00	25.96 1.43 0.00	24.31 1.30 -1.46	18.30 0.79 -4.82	10.46 0.56 2.73	16.90 0.68 0.98	-37.24 0.72 59.58	-56.28 1.07 83.92	-7.93 2.13 53.98	1.57 1.57 33.56	47.84 2.12 -15.46	43.36 2.30 -3.79	43.97 2.53 -4.16	74.41 3.04 -29.93	32.84 2.40 0.00	27.88 1.64 -0.64
CANDIGU_WT_PWR 323617	30.64 -0.09 0.00	29.51 -0.51 0.00	27.04 -0.75 0.00	28.06 -1.05 0.00	27.28 -1.28 0.00	34.15 -1.91 0.00	33.29 -2.27 0.00	29.53 -1.81 0.00	17.05 -1.02 1.44	23.13 -1.40 0.01	20.51 -1.04 0.00	12.07 -0.62 0.00	12.07 -0.56 0.00	16.41 -0.79 0.00	20.42 -1.19 0.00	25.18 -1.39 0.00	41.86 -2.07 0.00	10.14 -1.73 21.68	-17.08 -1.94 45.39	35.60 -1.68 0.00	35.97 -1.31 0.00	40.03 -1.41 0.00	29.27 -1.17 0.00	24.29 -1.30 0.00
CARR STREET_E_SYR 24060	30.45 -0.28 0.00	29.68 -0.35 0.00	27.42 -0.36 0.00	28.72 -0.39 0.00	28.13 -0.42 0.00	35.54 -0.52 0.00	35.07 -0.49 0.00	30.95 -0.39 0.00	19.26 -0.24 0.00	24.15 -0.39 0.00	21.26 -0.29 0.00	12.53 -0.15 0.00	12.48 -0.15 0.00	17.01 -0.19 0.00	21.56 -0.06 0.00	26.52 -0.05 0.00	43.75 -0.18 0.00	33.37 -0.18 0.00	30.02 -0.24 0.00	37.10 -0.17 0.00	37.19 -0.09 0.00	41.18 -0.26 0.00	30.06 -0.38 0.00	25.21 -0.38 0.00
CARTHAGE___PAPER 23857	30.74 0.00 0.00	30.28 0.26 0.00	28.33 0.55 0.00	29.68 0.57 0.00	29.03 0.47 0.00	36.57 0.51 0.00	35.69 0.13 0.00	31.19 -0.16 0.00	19.17 -0.34 0.00	24.15 -0.38 0.00	21.13 -0.43 0.00	12.45 -0.23 0.00	12.19 -0.44 0.00	16.60 -0.60 0.00	20.91 -0.70 0.00	26.11 -0.46 0.00	43.13 -0.80 0.00	33.37 -0.18 0.00	30.13 -0.13 0.00	36.81 -0.46 0.00	37.37 -0.38 -0.47	40.73 -0.70 0.00	29.88 -0.79 -0.22	24.86 -0.73 0.00
CASSADAGA_WT_PWR 323784	30.41 -0.33 0.00	28.78 -1.24 0.00	26.45 -1.33 0.00	27.40 -1.71 0.00	26.51 -2.04 0.00	33.45 -2.61 0.00	32.56 -3.00 0.00	29.13 -2.21 0.00	18.02 -1.30 0.19	22.96 -1.57 0.00	20.39 -1.16 0.00	12.08 -0.61 0.00	12.08 -0.55 0.00	16.34 -0.86 0.00	20.41 -1.21 0.00	25.48 -1.09 0.00	42.52 -1.41 0.00	28.34 -2.63 2.58	22.36 -2.50 5.40	35.39 -1.89 0.00	35.76 -1.52 0.00	40.37 -1.07 0.00	29.14 -1.30 0.00	24.42 -1.17 0.00
CE_DUNWOOD___DRP 24194	32.43 1.70 0.00	31.52 1.50 0.00	29.05 1.26 0.00	30.43 1.32 0.00	29.96 1.40 0.00	37.98 1.92 0.00	37.78 2.22 0.00	33.63 2.28 0.00	20.92 1.41 0.00	26.24 1.71 0.00	23.06 1.51 0.00	14.06 0.86 -0.52	14.46 0.81 -1.02	18.81 1.08 -0.53	23.22 1.32 -0.28	28.33 1.63 -0.13	46.70 2.77 0.00	35.76 2.22 0.00	32.41 2.15 0.00	39.85 2.58 0.00	39.88 2.60 0.00	44.24 2.80 0.00	32.48 2.04 0.00	27.01 1.77 0.35
CE_MILLWOOD___DRP 24193	32.35 1.61 0.00	31.44 1.42 0.00	28.96 1.18 0.00	30.35 1.24 0.00	29.88 1.32 0.00	37.88 1.82 0.00	37.68 2.12 0.00	33.53 2.19 0.00	20.86 1.35 0.00	26.16 1.63 0.00	22.99 1.43 0.00	13.92 0.81 -0.42	14.22 0.77 -0.82	18.65 1.02 -0.43	23.09 1.25 -0.23	28.22 1.55 -0.10	46.55 2.62 0.00	35.67 2.12 0.00	32.31 2.06 0.00	39.74 2.47 0.00	39.77 2.50 0.00	44.12 2.68 0.00	32.39 1.95 0.00	27.00 1.69 0.28
CE_NYC2_DRP 24202	32.83 2.08 -0.01	31.93 1.90 -0.01	29.43 1.64 0.00	30.83 1.72 0.00	30.35 1.79 0.00	38.47 2.40 0.00	38.26 2.70 0.00	34.07 2.72 0.00	21.22 1.71 -0.01	26.63 2.09 -0.01	23.95 1.85 -0.53	30.71 1.05 -16.98	45.88 0.97 -32.28	35.44 1.31 -16.93	32.20 1.61 -8.98	32.51 1.99 -3.96	47.28 3.34 -0.01	36.23 2.67 -0.01	32.80 2.55 0.00	40.33 3.05 0.00	40.32 3.04 0.00	44.74 3.30 0.00	32.91 2.47 0.00	41.57 2.13 -13.84
CE_NYC_DRP 24195	32.77 2.03 0.00	31.86 1.84 0.00	29.36 1.57 0.00	30.77 1.66 0.00	30.29 1.73 0.00	38.40 2.34 0.00	38.18 2.62 0.00	34.01 2.66 0.00	21.16 1.66 0.00	26.56 2.03 0.00	23.35 1.80 0.00	26.54 1.03 -12.82	38.75 0.98 -25.14	31.68 1.30 -13.18	30.20 1.59 -6.99	31.61 1.96 -3.08	47.21 3.28 0.00	36.15 2.60 -0.01	32.74 2.48 0.00	40.26 2.98 0.00	40.25 2.97 0.00	44.66 3.22 0.00	32.81 2.37 0.00	40.79 2.07 -13.13
CHAFFEE___LFGE 323603	30.87 0.13 0.00	29.86 -0.16 0.00	27.53 -0.26 0.00	28.78 -0.33 0.00	27.95 -0.61 0.00	35.06 -1.01 0.00	34.36 -1.20 0.00	30.64 -0.71 0.00	19.11 -0.32 0.08	24.19 -0.35 0.00	21.49 -0.07 0.00	12.70 0.01 0.00	12.61 -0.02 0.00	17.11 -0.09 0.00	21.31 -0.31 0.00	26.37 -0.20 0.00	43.31 -0.62 0.00	31.70 -0.76 1.09	27.12 -0.85 2.28	36.53 -0.75 0.00	36.72 -0.56 0.00	41.00 -0.44 0.00	30.09 -0.35 0.00	25.16 -0.43 0.00
CHATEAUG_35_KV_LOAD 355732	30.09 -0.65 0.00	29.70 -0.32 0.00	27.93 0.14 0.00	29.33 0.22 0.00	28.97 0.41 0.00	36.59 0.53 0.00	35.89 0.33 0.00	31.52 0.17 0.00	19.57 0.07 0.00	24.62 0.09 0.00	21.53 -0.03 0.00	12.67 -0.02 0.00	12.69 0.06 0.00	17.40 0.20 0.00	21.59 -0.03 0.00	26.30 -0.27 0.00	43.51 -0.42 0.00	32.97 -0.57 0.00	29.84 -0.42 0.00	36.74 -0.53 0.00	26.27 -1.12 9.89	40.12 -1.32 0.00	24.84 -0.90 4.69	24.93 -0.65 0.00
CHATEAUG_WT_PWR 323614	30.11 -0.63 0.00	29.69 -0.33 0.00	27.91 0.13 0.00	29.31 0.20 0.00	28.93 0.37 0.00	36.53 0.46 0.00	35.82 0.27 0.00	31.47 0.12 0.00	19.57 0.06 0.00	24.63 0.10 0.00	21.55 -0.01 0.00	12.69 0.00 0.00	12.71 0.08 0.00	17.41 0.21 0.00	21.63 0.01 0.00	26.32 -0.25 0.00	43.53 -0.40 0.00	32.98 -0.57 0.00	29.79 -0.47 0.00	36.71 -0.57 0.00	26.97 -1.13 9.18	40.08 -1.36 0.00	25.16 -0.92 4.35	24.92 -0.67 0.00
CHAT_HIGH_FALL_HYD 323578	30.09 -0.65 0.00	29.70 -0.32 0.00	27.93 0.14 0.00	29.33 0.22 0.00	28.97 0.41 0.00	36.59 0.53 0.00	35.89 0.33 0.00	31.52 0.17 0.00	19.57 0.07 0.00	24.62 0.09 0.00	21.53 -0.03 0.00	12.67 -0.02 0.00	12.69 0.06 0.00	17.40 0.20 0.00	21.59 -0.03 0.00	26.30 -0.27 0.00	43.51 -0.42 0.00	32.97 -0.57 0.00	29.84 -0.42 0.00	36.74 -0.53 0.00	26.27 -1.12 9.89	40.12 -1.32 0.00	24.84 -0.90 4.69	24.93 -0.65 0.00
CHAUTAUQUA___LFGE 323629	30.45 -0.28 0.00	29.09 -0.93 0.00	26.78 -1.01 0.00	27.82 -1.29 0.00	26.96 -1.60 0.00	33.96 -2.10 0.00	33.09 -2.47 0.00	29.60 -1.75 0.00	18.29 -0.99 0.23	23.35 -1.18 0.00	20.69 -0.86 0.00	12.26 -0.43 0.00	12.25 -0.38 0.00	16.54 -0.66 0.00	20.63 -0.98 0.00	25.64 -0.93 0.00	42.80 -1.13 0.00	28.26 -2.05 3.24	21.43 -2.04 6.79	35.78 -1.50 0.00	36.00 -1.27 0.00	40.41 -1.03 0.00	29.41 -1.03 0.00	24.52 -1.07 0.00
CHERRYST_13_KV_LD 356241	32.86 2.12 0.00	31.94 1.92 0.00	29.43 1.65 0.00	30.84 1.73 0.00	30.37 1.81 0.00	38.51 2.45 0.00	38.29 2.74 0.00	34.11 2.76 0.00	21.23 1.72 0.00	26.64 2.11 0.00	23.42 1.87 0.00	26.65 1.08 -12.89	38.92 1.02 -25.27	31.81 1.36 -13.26	30.31 1.67 -7.03	31.72 2.06 -3.10	47.36 3.43 0.00	36.26 2.70 -0.01	32.83 2.57 0.00	40.37 3.10 0.00	40.36 3.09 0.00	44.78 3.35 0.00	32.90 2.46 0.00	40.93 2.14 -13.20

CHESTROR_138KV_BK263 355645	31.94 1.20 0.00	31.04 1.02 0.00	28.59 0.80 0.00	29.96 0.85 0.00	29.48 0.92 0.00	37.35 1.29 0.00	37.10 1.55 0.00	33.02 1.67 0.00	20.54 1.03 0.00	25.73 1.20 0.00	22.61 1.06 0.00	13.29 0.60 0.00	13.20 0.57 0.00	17.94 0.75 0.00	22.52 0.90 0.00	27.69 1.12 0.00	45.85 1.93 0.00	35.15 1.60 0.00	31.84 1.58 0.00	39.20 1.92 0.00	39.25 1.97 0.00	43.53 2.09 0.00	31.95 1.51 0.00	26.80 1.30 0.10
CH_MIDHUDSON___DRP 24192	32.24 1.51 0.00	31.36 1.34 0.00	28.90 1.12 0.00	30.29 1.18 0.00	29.81 1.25 0.00	37.78 1.73 0.00	37.59 2.03 0.00	33.43 2.09 0.00	20.79 1.28 0.00	26.09 1.56 0.00	22.89 1.34 0.00	13.44 0.75 0.00	13.34 0.71 0.00	18.14 0.94 0.00	22.80 1.18 0.00	28.01 1.44 0.00	46.39 2.46 0.00	35.57 2.02 0.00	32.23 1.97 0.00	39.64 2.36 0.00	39.67 2.39 0.00	43.99 2.55 0.00	32.29 1.85 0.00	27.21 1.60 -0.02
CH_MISC_IPPS 23765	32.37 1.64 0.00	31.49 1.46 0.00	29.01 1.22 0.00	30.40 1.30 0.00	29.92 1.36 0.00	37.93 1.87 0.00	37.74 2.18 0.00	33.58 2.24 0.00	20.88 1.37 0.00	26.17 1.64 0.00	22.97 1.42 0.00	13.48 0.79 0.00	13.39 0.75 0.00	18.21 1.01 0.00	22.86 1.25 0.00	28.11 1.55 0.00	46.61 2.69 0.00	35.73 2.18 0.00	32.37 2.12 0.00	39.85 2.57 0.00	39.87 2.59 0.00	44.22 2.78 0.00	32.44 2.00 0.00	27.30 1.71 0.00
CH_RES_BVR_FALLS 23983	30.30 -0.44 0.00	29.85 -0.18 0.00	27.80 0.02 0.00	29.11 0.00 0.00	28.45 -0.11 0.00	35.76 -0.30 0.00	35.04 -0.52 0.00	30.88 -0.47 0.00	19.23 -0.28 0.00	24.26 -0.27 0.00	21.23 -0.33 0.00	12.50 -0.19 0.00	12.45 -0.18 0.00	16.93 -0.27 0.00	21.24 -0.38 0.00	26.10 -0.47 0.00	43.32 -0.61 0.00	33.07 -0.48 0.00	29.81 -0.45 0.00	36.75 -0.52 0.00	36.66 -0.62 0.00	40.68 -0.76 0.00	29.86 -0.58 0.00	25.12 -0.47 0.00
CH_RES_NIAGARA 23895	28.71 -2.03 0.00	27.88 -2.14 0.00	25.80 -1.98 0.00	26.94 -2.17 0.00	26.22 -2.34 0.00	32.92 -3.14 0.00	32.01 -3.55 0.00	28.40 -2.95 0.00	17.61 -1.69 0.21	22.46 -2.07 0.00	19.95 -1.60 0.00	11.81 -0.88 0.00	11.78 -0.85 0.00	15.95 -1.25 0.00	19.92 -1.69 0.00	24.48 -2.09 0.00	39.96 -3.97 0.00	27.31 -3.17 3.07	20.61 -3.22 6.44	33.44 -3.84 0.00	33.68 -3.60 0.00	38.09 -3.35 0.00	27.99 -2.45 0.00	23.22 -2.37 0.00
CH_RES_SYRACUSE 23985	30.60 -0.13 0.00	29.85 -0.17 0.00	27.58 -0.20 0.00	28.87 -0.24 0.00	28.29 -0.26 0.00	35.76 -0.31 0.00	35.29 -0.27 0.00	31.13 -0.21 0.00	19.36 -0.14 0.00	24.25 -0.28 0.00	21.34 -0.21 0.00	12.58 -0.11 0.00	12.53 -0.10 0.00	17.08 -0.12 0.00	21.55 -0.07 0.00	26.47 -0.10 0.00	43.71 -0.22 0.00	33.35 -0.20 0.00	30.01 -0.25 0.00	37.10 -0.17 0.00	37.18 -0.10 0.00	41.28 -0.16 0.00	30.22 -0.22 0.00	25.34 -0.25 0.00
CLINTON_WT_PWR 323605	30.11 -0.63 0.00	29.69 -0.33 0.00	27.91 0.13 0.00	29.31 0.20 0.00	28.93 0.37 0.00	36.53 0.46 0.00	35.82 0.27 0.00	31.47 0.12 0.00	19.57 0.06 0.00	24.63 0.10 0.00	21.55 -0.01 0.00	12.69 0.00 0.00	12.71 0.08 0.00	17.41 0.21 0.00	21.63 0.01 0.00	26.32 -0.25 0.00	43.53 -0.40 0.00	32.98 -0.57 0.00	29.79 -0.47 0.00	36.71 -0.57 0.00	26.97 -1.13 9.18	40.08 -1.36 0.00	25.16 -0.92 4.35	24.92 -0.67 0.00
CLINTON___LFGE 323618	30.44 -0.30 0.00	29.99 -0.04 0.00	28.22 0.43 0.00	29.65 0.54 0.00	29.28 0.73 0.00	36.97 0.91 0.00	36.27 0.71 0.00	31.84 0.49 0.00	19.74 0.24 0.00	24.83 0.30 0.00	21.71 0.16 0.00	12.80 0.11 0.00	12.83 0.20 0.00	17.61 0.41 0.00	21.87 0.26 0.00	26.61 0.04 0.00	44.07 0.15 0.00	33.40 -0.15 0.00	30.11 -0.15 0.00	37.14 -0.14 0.00	27.20 -0.71 9.36	40.48 -0.96 0.00	25.35 -0.65 4.44	25.18 -0.41 0.00
COBBLENY_34_KV_TB1 80064	30.87 0.13 0.00	29.86 -0.16 0.00	27.53 -0.26 0.00	28.78 -0.33 0.00	27.95 -0.61 0.00	35.06 -1.01 0.00	34.36 -1.20 0.00	30.64 -0.71 0.00	19.11 -0.32 0.08	24.19 -0.34 0.00	21.49 -0.07 0.00	12.67 -0.02 0.00	12.60 -0.03 0.00	17.12 -0.09 0.00	21.32 -0.29 0.00	26.37 -0.20 0.00	43.31 -0.62 0.00	31.68 -0.78 1.09	27.09 -0.88 2.28	36.53 -0.75 0.00	36.72 -0.56 0.00	41.01 -0.43 0.00	30.10 -0.34 0.00	25.16 -0.43 0.00
COFFEEN___115KV_TB3 355620	30.72 -0.02 0.00	30.17 0.14 0.00	28.25 0.47 0.00	29.59 0.48 0.00	28.92 0.36 0.00	36.48 0.42 0.00	35.67 0.11 0.00	31.17 -0.18 0.00	19.09 -0.42 0.00	23.97 -0.56 0.00	21.03 -0.52 0.00	12.40 -0.29 0.00	12.15 -0.49 0.00	16.53 -0.67 0.00	20.97 -0.64 0.00	26.23 -0.34 0.00	43.07 -0.86 0.00	33.40 -0.14 0.00	30.16 -0.10 0.00	36.74 -0.54 0.00	37.32 -0.35 -0.39	40.79 -0.65 0.00	29.84 -0.79 -0.18	24.81 -0.78 0.00
COLDSPRG_115KV_BK1 355956	31.10 0.36 0.00	29.81 -0.21 0.00	27.45 -0.34 0.00	28.58 -0.54 0.00	27.71 -0.84 0.00	34.88 -1.18 0.00	34.08 -1.48 0.00	30.45 -0.89 0.00	18.96 -0.43 0.11	24.04 -0.50 0.00	21.35 -0.21 0.00	12.60 -0.09 0.00	12.57 -0.06 0.00	17.03 -0.18 0.00	21.24 -0.37 0.00	26.35 -0.22 0.00	43.59 -0.34 0.00	30.92 -1.10 1.52	25.88 -1.19 3.19	36.61 -0.67 0.00	36.84 -0.44 0.00	41.33 -0.11 0.00	30.10 -0.34 0.00	25.13 -0.46 0.00
COLONIE_LFGE___ 323577	31.59 0.85 0.00	30.73 0.71 0.00	28.38 0.60 0.00	29.80 0.69 0.00	29.32 0.76 0.00	37.13 1.07 0.00	36.87 1.31 0.00	32.56 1.21 0.00	20.20 0.70 0.00	25.31 0.78 0.00	22.09 0.53 0.00	12.96 0.27 0.00	12.92 0.28 0.00	17.62 0.42 0.00	22.17 0.56 0.00	27.31 0.74 0.00	45.23 1.30 0.00	34.72 1.17 0.00	31.41 1.16 0.00	38.59 1.31 0.00	38.59 1.31 0.00	42.81 1.37 0.00	31.43 0.99 0.00	26.51 0.92 0.00
COOPERNY_115KV_TB1 80082	31.63 0.89 0.00	30.78 0.75 0.00	28.37 0.59 0.00	29.73 0.62 0.00	29.22 0.66 0.00	36.99 0.93 0.00	36.63 1.08 0.00	32.12 0.77 0.00	20.01 0.50 0.00	25.07 0.53 0.00	22.11 0.55 0.00	13.03 0.34 0.00	12.93 0.30 0.00	17.55 0.35 0.00	22.02 0.40 0.00	27.04 0.47 0.00	44.71 0.79 0.00	34.23 0.68 0.00	30.96 0.70 0.00	38.11 0.83 0.00	38.14 0.87 0.00	42.34 0.90 0.00	31.09 0.65 0.00	26.14 0.58 0.03
COPENHAGEN_WT_PWR 323753	30.34 -0.40 0.00	29.90 -0.12 0.00	28.01 0.23 0.00	29.34 0.23 0.00	28.63 0.07 0.00	36.01 -0.05 0.00	35.12 -0.44 0.00	30.71 -0.64 0.00	18.87 -0.64 0.00	23.87 -0.67 0.00	20.89 -0.67 0.00	12.26 -0.43 0.00	11.96 -0.67 0.00	16.27 -0.93 0.00	20.57 -1.04 0.00	25.65 -0.92 0.00	42.22 -1.71 0.00	32.88 -0.66 0.00	29.66 -0.60 0.00	36.07 -1.20 0.00	36.59 -1.06 -0.37	40.03 -1.41 0.00	29.25 -1.36 -0.17	24.36 -1.23 0.00
CORNELL_____ 23752	31.41 0.67 0.00	30.58 0.56 0.00	28.24 0.45 0.00	29.52 0.41 0.00	28.89 0.33 0.00	36.47 0.41 0.00	35.98 0.42 0.00	31.71 0.36 0.00	19.73 0.13 -0.09	24.46 -0.07 0.00	21.45 -0.11 0.00	12.63 -0.06 0.00	12.63 0.00 0.00	17.21 0.01 0.00	21.76 0.14 0.00	26.73 0.16 0.00	44.16 0.23 0.00	35.03 0.11 -1.37	33.19 0.08 -2.85	37.68 0.40 0.00	37.82 0.54 0.00	42.04 0.60 0.00	30.74 0.30 0.00	25.75 0.16 0.00

CORONA_69_KV_TB1 355595	32.67 1.93 0.00	31.72 1.70 0.00	29.35 1.57 0.00	30.65 1.54 0.00	30.16 1.61 0.00	38.17 2.11 0.00	38.25 2.69 0.00	33.91 2.57 0.00	20.92 1.41 0.00	26.29 1.76 0.00	33.65 1.68 -10.41	31.09 0.98 -17.42	22.48 0.90 -8.95	17.41 1.19 0.98	22.50 1.41 0.52	35.84 1.84 -7.43	61.08 3.16 -13.99	132.09 2.42 -96.11	150.38 2.35 -117.77	100.58 2.79 -60.51	291.80 2.84 -251.68	99.32 3.05 -54.83	32.79 2.35 0.00	28.12 1.89 -0.64
CORTLAND_115KV_TB3 80093	31.16 0.42 0.00	30.34 0.32 0.00	28.02 0.23 0.00	29.33 0.22 0.00	28.72 0.15 0.00	36.26 0.20 0.00	35.77 0.21 0.00	31.56 0.21 0.00	19.59 0.08 0.00	24.50 -0.04 0.00	21.51 -0.05 0.00	12.68 -0.01 0.00	12.64 0.00 0.00	17.22 0.02 0.00	21.73 0.11 0.00	26.73 0.16 0.00	44.12 0.20 0.00	33.69 0.14 0.00	30.33 0.07 0.00	37.56 0.28 0.00	37.66 0.38 0.00	41.81 0.37 0.00	30.60 0.16 0.00	25.66 0.07 0.00
COXSACKIE___GT 23611	32.30 1.56 0.00	31.45 1.43 0.00	29.05 1.27 0.00	30.47 1.36 0.00	29.99 1.43 0.00	37.98 1.91 0.00	37.79 2.23 0.00	33.30 1.96 0.00	20.56 1.05 0.00	25.60 1.07 0.00	22.21 0.66 0.00	13.02 0.33 0.00	12.96 0.33 0.00	17.68 0.48 0.00	22.35 0.74 0.00	27.71 1.14 0.00	46.35 2.42 0.00	35.42 1.87 0.00	32.10 1.84 0.00	39.54 2.27 0.00	39.58 2.31 0.00	43.85 2.41 0.00	32.20 1.76 0.00	27.06 1.47 0.00
CPV_VALLEY___CC1 323721	31.71 0.97 0.00	30.84 0.82 0.00	28.40 0.62 0.00	29.77 0.66 0.00	29.28 0.72 0.00	37.08 1.02 0.00	36.73 1.17 0.00	31.81 0.47 0.00	19.84 0.33 0.00	24.84 0.30 0.00	22.00 0.44 0.00	12.97 0.28 0.00	12.86 0.23 0.00	17.43 0.23 0.00	21.83 0.22 0.00	26.81 0.24 0.00	44.28 0.35 0.00	33.91 0.37 0.00	30.67 0.41 0.00	37.74 0.46 0.00	37.75 0.47 0.00	41.92 0.48 0.00	30.81 0.37 0.00	25.92 0.36 0.03
CPV_VALLEY___CC2 323722	31.71 0.97 0.00	30.84 0.82 0.00	28.40 0.62 0.00	29.77 0.66 0.00	29.28 0.72 0.00	37.08 1.02 0.00	36.73 1.17 0.00	31.81 0.47 0.00	19.84 0.33 0.00	24.84 0.30 0.00	22.00 0.44 0.00	12.97 0.28 0.00	12.86 0.23 0.00	17.43 0.23 0.00	21.83 0.22 0.00	26.81 0.24 0.00	44.28 0.35 0.00	33.91 0.37 0.00	30.67 0.41 0.00	37.74 0.46 0.00	37.75 0.47 0.00	41.92 0.48 0.00	30.81 0.37 0.00	25.92 0.36 0.03
CRESCENT___HYD 24018	31.59 0.85 0.00	30.73 0.71 0.00	28.38 0.60 0.00	29.80 0.69 0.00	29.32 0.76 0.00	37.13 1.07 0.00	36.87 1.31 0.00	32.56 1.21 0.00	20.20 0.70 0.00	25.31 0.78 0.00	22.09 0.53 0.00	12.96 0.27 0.00	12.92 0.28 0.00	17.62 0.42 0.00	22.17 0.56 0.00	27.31 0.74 0.00	45.23 1.30 0.00	34.72 1.17 0.00	31.41 1.16 0.00	38.59 1.31 0.00	38.59 1.31 0.00	42.81 1.37 0.00	31.43 0.99 0.00	26.51 0.92 0.00
CRICKET___VALLEY_CC1 323756	31.94 1.20 0.00	31.05 1.03 0.00	28.65 0.86 0.00	30.02 0.91 0.00	29.57 1.01 0.00	37.49 1.43 0.00	37.32 1.77 0.00	33.17 1.82 0.00	20.63 1.12 0.00	25.94 1.41 0.00	22.76 1.21 0.00	13.35 0.66 0.00	13.25 0.61 0.00	18.02 0.82 0.00	22.65 1.04 0.00	27.80 1.23 0.00	45.97 2.05 0.00	35.29 1.74 0.00	31.99 1.73 0.00	39.30 2.03 0.00	39.31 2.04 0.00	43.60 2.16 0.00	31.99 1.55 0.00	26.98 1.39 0.00
CRICKET___VALLEY_CC2 323757	31.94 1.20 0.00	31.05 1.03 0.00	28.65 0.86 0.00	30.02 0.91 0.00	29.57 1.01 0.00	37.49 1.43 0.00	37.32 1.77 0.00	33.17 1.82 0.00	20.63 1.12 0.00	25.94 1.41 0.00	22.76 1.21 0.00	13.35 0.66 0.00	13.25 0.61 0.00	18.02 0.82 0.00	22.65 1.04 0.00	27.80 1.23 0.00	45.97 2.05 0.00	35.29 1.74 0.00	31.99 1.73 0.00	39.30 2.03 0.00	39.31 2.04 0.00	43.60 2.16 0.00	31.99 1.55 0.00	26.98 1.39 0.00
CRICKET___VALLEY_CC3 323758	31.94 1.20 0.00	31.05 1.03 0.00	28.65 0.86 0.00	30.02 0.91 0.00	29.57 1.01 0.00	37.49 1.43 0.00	37.32 1.77 0.00	33.17 1.82 0.00	20.63 1.12 0.00	25.94 1.41 0.00	22.76 1.21 0.00	13.35 0.66 0.00	13.25 0.61 0.00	18.02 0.82 0.00	22.65 1.04 0.00	27.80 1.23 0.00	45.97 2.05 0.00	35.29 1.74 0.00	31.99 1.73 0.00	39.30 2.03 0.00	39.31 2.04 0.00	43.60 2.16 0.00	31.99 1.55 0.00	26.98 1.39 0.00
CRUCIBLE_METL_DRP 24180	30.60 -0.13 0.00	29.85 -0.17 0.00	27.58 -0.21 0.00	28.87 -0.24 0.00	28.29 -0.26 0.00	35.76 -0.30 0.00	35.29 -0.27 0.00	31.13 -0.21 0.00	19.36 -0.14 0.00	24.25 -0.28 0.00	21.34 -0.21 0.00	12.57 -0.11 0.00	12.53 -0.10 0.00	17.08 -0.12 0.00	21.55 -0.06 0.00	26.47 -0.10 0.00	43.71 -0.22 0.00	33.34 -0.21 0.00	30.01 -0.25 0.00	37.10 -0.17 0.00	37.18 -0.10 0.00	41.28 -0.16 0.00	30.22 -0.22 0.00	25.34 -0.25 0.00
DAHOWA___HYDRO 323763	32.05 1.31 0.00	31.17 1.15 0.00	28.82 1.04 0.00	30.29 1.18 0.00	29.83 1.28 0.00	37.85 1.79 0.00	37.69 2.14 0.00	33.23 1.88 0.00	20.47 0.96 0.00	25.55 1.02 0.00	22.19 0.64 0.00	13.01 0.32 0.00	12.95 0.32 0.00	17.72 0.53 0.00	22.38 0.77 0.00	27.69 1.13 0.00	45.96 2.04 0.00	35.38 1.84 0.00	32.09 1.83 0.00	39.50 2.22 0.00	39.44 2.17 0.00	43.69 2.25 0.00	31.95 1.51 0.00	26.91 1.32 0.00
DANC___LFGE 323619	30.24 -0.50 0.00	29.67 -0.35 0.00	27.66 -0.12 0.00	28.97 -0.13 0.00	28.32 -0.24 0.00	35.68 -0.38 0.00	34.94 -0.62 0.00	30.66 -0.69 0.00	18.93 -0.58 0.00	23.84 -0.69 0.00	20.91 -0.64 0.00	12.30 -0.39 0.00	12.10 -0.53 0.00	16.46 -0.74 0.00	20.80 -0.81 0.00	25.79 -0.77 0.00	42.48 -1.45 0.00	32.81 -0.74 0.00	29.57 -0.68 0.00	36.17 -1.11 0.00	36.55 -0.98 -0.25	40.19 -1.25 0.00	29.46 -1.09 -0.12	24.58 -1.01 0.00
DANSKAMMER___1 23586	32.37 1.64 0.00	31.49 1.46 0.00	29.01 1.22 0.00	30.40 1.30 0.00	29.92 1.36 0.00	37.93 1.87 0.00	37.74 2.18 0.00	33.58 2.24 0.00	20.88 1.37 0.00	26.17 1.64 0.00	22.97 1.42 0.00	13.48 0.79 0.00	13.39 0.75 0.00	18.21 1.01 0.00	22.86 1.25 0.00	28.11 1.55 0.00	46.61 2.69 0.00	35.73 2.18 0.00	32.37 2.12 0.00	39.85 2.57 0.00	39.87 2.59 0.00	44.22 2.78 0.00	32.44 2.00 0.00	27.30 1.71 0.00
DANSKAMMER___2 23589	32.37 1.64 0.00	31.49 1.46 0.00	29.01 1.22 0.00	30.40 1.30 0.00	29.92 1.36 0.00	37.93 1.87 0.00	37.74 2.18 0.00	33.58 2.24 0.00	20.88 1.37 0.00	26.17 1.64 0.00	22.97 1.42 0.00	13.48 0.79 0.00	13.39 0.75 0.00	18.21 1.01 0.00	22.86 1.25 0.00	28.11 1.55 0.00	46.61 2.69 0.00	35.73 2.18 0.00	32.37 2.12 0.00	39.85 2.57 0.00	39.87 2.59 0.00	44.22 2.78 0.00	32.44 2.00 0.00	27.30 1.71 0.00
DANSKAMMER___3 23590	32.37 1.64 0.00	31.49 1.46 0.00	29.01 1.22 0.00	30.40 1.30 0.00	29.92 1.36 0.00	37.93 1.87 0.00	37.74 2.18 0.00	33.58 2.24 0.00	20.88 1.37 0.00	26.17 1.64 0.00	22.97 1.42 0.00	13.48 0.79 0.00	13.39 0.75 0.00	18.21 1.01 0.00	22.86 1.25 0.00	28.11 1.55 0.00	46.61 2.69 0.00	35.73 2.18 0.00	32.37 2.12 0.00	39.85 2.57 0.00	39.87 2.59 0.00	44.22 2.78 0.00	32.44 2.00 0.00	27.30 1.71 0.00

DANSKAMMER___4 23591	32.37 1.64 0.00	31.49 1.46 0.00	29.01 1.22 0.00	30.40 1.30 0.00	29.92 1.36 0.00	37.93 1.87 0.00	37.74 2.18 0.00	33.58 2.24 0.00	20.88 1.37 0.00	26.17 1.64 0.00	22.97 1.42 0.00	13.48 0.79 0.00	13.39 0.75 0.00	18.21 1.01 0.00	22.86 1.25 0.00	28.11 1.55 0.00	46.61 2.69 0.00	35.73 2.18 0.00	32.37 2.12 0.00	39.85 2.57 0.00	39.87 2.59 0.00	44.22 2.78 0.00	32.44 2.00 0.00	27.30 1.71 0.00
DANSKAMMER___DIESEL 23592	32.38 1.64 0.00	31.48 1.46 0.00	29.01 1.22 0.00	30.40 1.29 0.00	29.92 1.36 0.00	37.93 1.87 0.00	37.74 2.18 0.00	33.58 2.24 0.00	20.88 1.37 0.00	26.17 1.64 0.00	22.97 1.42 0.00	13.48 0.79 0.00	13.39 0.75 0.00	18.20 1.00 0.00	22.86 1.25 0.00	28.11 1.54 0.00	46.61 2.68 0.00	35.73 2.18 0.00	32.38 2.12 0.00	39.85 2.58 0.00	39.88 2.60 0.00	44.22 2.78 0.00	32.44 2.00 0.00	27.31 1.72 0.00
DARBY___SOLAR 323810	32.01 1.28 0.00	31.14 1.12 0.00	28.79 1.01 0.00	30.25 1.14 0.00	29.78 1.22 0.00	37.78 1.72 0.00	37.59 2.03 0.00	33.13 1.78 0.00	20.43 0.92 0.00	25.50 0.97 0.00	22.17 0.62 0.00	13.00 0.31 0.00	12.95 0.32 0.00	17.71 0.51 0.00	22.35 0.73 0.00	27.66 1.09 0.00	45.89 1.96 0.00	35.31 1.76 0.00	32.01 1.75 0.00	39.39 2.11 0.00	39.34 2.06 0.00	43.60 2.16 0.00	31.91 1.47 0.00	26.88 1.29 0.00
DASHVILLE___HYD 23610	32.12 1.39 0.00	31.26 1.24 0.00	28.80 1.01 0.00	30.19 1.08 0.00	29.69 1.13 0.00	37.64 1.57 0.00	37.43 1.87 0.00	33.34 1.99 0.00	20.75 1.25 0.00	26.04 1.51 0.00	22.86 1.30 0.00	13.42 0.73 0.00	13.33 0.69 0.00	18.12 0.92 0.00	22.74 1.12 0.00	27.94 1.37 0.00	46.23 2.30 0.00	35.46 1.91 0.00	32.13 1.87 0.00	39.52 2.25 0.00	39.56 2.29 0.00	43.90 2.46 0.00	32.20 1.76 0.00	27.11 1.52 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	32.71 1.97 0.00	31.68 1.66 0.00	29.44 1.66 0.00	30.72 1.62 0.00	30.32 1.76 0.00	38.48 2.42 0.00	39.41 3.85 0.00	34.88 3.53 0.00	20.98 1.48 0.00	26.38 1.85 0.00	24.64 1.63 -1.46	18.46 0.95 -4.82	10.51 0.61 2.73	16.83 0.61 0.98	-44.45 0.71 66.77	-66.53 1.10 94.20	-15.23 1.77 60.93	-3.51 1.37 38.42	47.73 1.99 -15.49	43.18 2.10 -3.80	43.87 2.38 -4.22	74.21 2.83 -29.94	32.64 2.20 0.00	27.65 1.42 -0.64
DELAWARE___LFGE 323621	31.68 0.94 0.00	30.91 0.89 0.00	28.51 0.73 0.00	29.88 0.77 0.00	29.27 0.72 0.00	36.95 0.89 0.00	36.53 0.97 0.00	32.16 0.82 0.00	20.03 0.52 0.00	25.12 0.59 0.00	22.09 0.54 0.00	13.00 0.32 0.00	12.92 0.29 0.00	17.58 0.38 0.00	22.12 0.51 0.00	27.14 0.57 0.00	44.85 0.92 0.00	34.27 0.72 0.00	30.94 0.68 0.00	38.13 0.85 0.00	38.17 0.89 0.00	42.45 1.01 0.00	31.13 0.69 0.00	26.17 0.58 0.00
DERFIELD_115KV_TB7 355931	30.83 0.09 0.00	30.11 0.08 0.00	27.84 0.05 0.00	29.17 0.06 0.00	28.61 0.06 0.00	36.14 0.08 0.00	35.68 0.12 0.00	31.46 0.11 0.00	19.56 0.06 0.00	24.57 0.04 0.00	21.56 0.00 0.00	12.68 -0.01 0.00	12.62 -0.01 0.00	17.18 -0.02 0.00	21.61 -0.01 0.00	26.58 0.01 0.00	44.00 0.07 0.00	33.65 0.10 0.00	30.36 0.10 0.00	37.38 0.10 0.00	37.40 0.12 0.00	41.54 0.10 0.00	30.51 0.07 0.00	25.66 0.06 0.00
DOGLEVILLE___HYD 23807	31.09 0.36 0.00	30.22 0.20 0.00	27.91 0.12 0.00	29.27 0.16 0.00	28.82 0.26 0.00	36.42 0.35 0.00	36.06 0.50 0.00	31.36 0.02 0.00	19.26 -0.25 0.00	23.86 -0.67 0.00	20.78 -0.78 0.00	12.17 -0.52 0.00	12.15 -0.48 0.00	16.52 -0.68 0.00	21.16 -0.45 0.00	26.25 -0.32 0.00	43.85 -0.07 0.00	33.79 0.24 0.00	30.50 0.24 0.00	37.59 0.31 0.00	37.67 0.39 0.00	41.85 0.41 0.00	30.78 0.34 0.00	25.86 0.27 0.00
DUNKIRK___115KV_TB_200 55889	30.46 -0.28 0.00	29.13 -0.89 0.00	26.82 -0.97 0.00	27.87 -1.24 0.00	27.02 -1.54 0.00	34.03 -2.03 0.00	33.16 -2.40 0.00	29.66 -1.69 0.00	18.32 -0.95 0.24	23.40 -1.14 0.00	20.73 -0.82 0.00	12.26 -0.43 0.00	12.28 -0.36 0.00	16.58 -0.62 0.00	20.67 -0.94 0.00	25.68 -0.89 0.00	42.80 -1.12 0.00	28.28 -1.96 3.31	21.36 -1.97 6.93	35.84 -1.44 0.00	36.04 -1.24 0.00	40.44 -1.00 0.00	29.45 -0.99 0.00	24.55 -1.04 0.00
DUNKIRK___1 23563	30.46 -0.28 0.00	29.13 -0.89 0.00	26.82 -0.97 0.00	27.87 -1.24 0.00	27.02 -1.54 0.00	34.03 -2.03 0.00	33.16 -2.40 0.00	29.66 -1.69 0.00	18.32 -0.95 0.24	23.40 -1.14 0.00	20.73 -0.82 0.00	12.26 -0.43 0.00	12.28 -0.36 0.00	16.58 -0.62 0.00	20.67 -0.94 0.00	25.68 -0.89 0.00	42.80 -1.12 0.00	28.28 -1.96 3.31	21.36 -1.97 6.93	35.84 -1.44 0.00	36.04 -1.24 0.00	40.44 -1.00 0.00	29.45 -0.99 0.00	24.55 -1.04 0.00
DUNKIRK___2 23564	30.46 -0.28 0.00	29.13 -0.89 0.00	26.82 -0.97 0.00	27.87 -1.24 0.00	27.02 -1.54 0.00	34.03 -2.03 0.00	33.16 -2.40 0.00	29.66 -1.69 0.00	18.32 -0.95 0.24	23.40 -1.14 0.00	20.73 -0.82 0.00	12.26 -0.43 0.00	12.28 -0.36 0.00	16.58 -0.62 0.00	20.67 -0.94 0.00	25.68 -0.89 0.00	42.80 -1.12 0.00	28.28 -1.96 3.31	21.36 -1.97 6.93	35.84 -1.44 0.00	36.04 -1.24 0.00	40.44 -1.00 0.00	29.45 -0.99 0.00	24.55 -1.04 0.00
DUNKIRK___3 23565	30.32 -0.42 0.00	29.09 -0.93 0.00	26.78 -1.00 0.00	27.88 -1.23 0.00	27.04 -1.52 0.00	34.02 -2.04 0.00	33.18 -2.38 0.00	29.64 -1.71 0.00	18.32 -0.94 0.25	23.40 -1.13 0.00	20.73 -0.82 0.00	12.26 -0.43 0.00	12.26 -0.37 0.00	16.56 -0.63 0.00	20.65 -0.96 0.00	25.61 -0.96 0.00	42.57 -1.36 0.00	28.11 -1.92 3.52	20.93 -1.95 7.38	35.70 -1.58 0.00	35.89 -1.38 0.00	40.26 -1.17 0.00	29.38 -1.06 0.00	24.48 -1.12 0.00
DUNKIRK___4 23566	30.32 -0.42 0.00	29.09 -0.93 0.00	26.78 -1.00 0.00	27.88 -1.23 0.00	27.04 -1.52 0.00	34.02 -2.04 0.00	33.18 -2.38 0.00	29.64 -1.71 0.00	18.32 -0.94 0.25	23.40 -1.13 0.00	20.73 -0.82 0.00	12.26 -0.43 0.00	12.26 -0.37 0.00	16.56 -0.63 0.00	20.65 -0.96 0.00	25.61 -0.96 0.00	42.57 -1.36 0.00	28.11 -1.92 3.52	20.93 -1.95 7.38	35.70 -1.58 0.00	35.89 -1.38 0.00	40.26 -1.17 0.00	29.38 -1.06 0.00	24.48 -1.12 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	32.53 1.79 0.00	31.62 1.60 0.00	29.13 1.35 0.00	30.52 1.41 0.00	30.05 1.49 0.00	38.09 2.03 0.00	37.90 2.35 0.00	33.74 2.39 0.00	20.98 1.48 0.00	26.34 1.80 0.00	23.15 1.59 0.00	13.60 0.91 0.00	13.49 0.86 0.00	18.34 1.14 0.00	23.02 1.40 0.00	28.30 1.74 0.00	46.84 2.91 0.00	35.88 2.33 0.00	32.51 2.25 0.00	39.97 2.70 0.00	40.00 2.72 0.00	44.37 2.93 0.00	32.59 2.15 0.00	27.72 1.86 -0.27
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	32.15 1.41 0.00	31.25 1.23 0.00	28.78 1.00 0.00	30.16 1.05 0.00	29.68 1.12 0.00	37.63 1.57 0.00	37.40 1.84 0.00	33.33 1.98 0.00	20.72 1.22 0.00	25.97 1.43 0.00	22.80 1.25 0.00	13.39 0.70 0.00	13.30 0.67 0.00	18.08 0.88 0.00	22.69 1.08 0.00	27.91 1.34 0.00	46.25 2.32 0.00	35.46 1.91 0.00	32.14 1.88 0.00	39.56 2.29 0.00	39.60 2.32 0.00	43.91 2.47 0.00	32.22 1.78 0.00	27.10 1.53 0.02

E179THST_138_KV_TB4_REV_LBMP_J 345001	32.76 2.01 -0.01	31.94 1.91 -0.01	29.44 1.65 0.00	30.85 1.74 0.00	30.37 1.81 0.00	38.50 2.43 0.00	38.27 2.71 0.00	34.05 2.70 0.00	21.19 1.68 -0.01	26.56 2.03 -0.01	23.31 1.74 -0.01	27.18 0.97 -13.52	40.03 0.89 -26.51	32.31 1.20 -13.91	30.48 1.49 -7.38	31.67 1.85 -3.25	47.19 3.26 -0.01	36.19 2.63 -0.01	32.76 2.50 0.00	40.29 3.01 0.00	40.32 3.05 0.00	44.71 3.27 0.00	32.85 2.41 0.00	41.49 2.06 -13.84
E179THST_13_KV_LOAD 356214	32.89 2.14 -0.01	32.05 2.02 -0.01	29.54 1.76 0.00	30.96 1.85 0.00	30.48 1.92 0.00	38.63 2.56 0.00	38.42 2.86 0.00	34.18 2.83 0.00	21.27 1.76 -0.01	26.67 2.13 -0.01	23.40 1.83 -0.01	27.24 1.03 -13.52	40.09 0.95 -26.51	32.39 1.28 -13.91	30.58 1.59 -7.38	31.79 1.97 -3.25	47.40 3.46 -0.01	36.34 2.78 -0.01	32.91 2.65 0.00	40.46 3.18 0.00	40.49 3.22 0.00	44.91 3.47 0.00	32.99 2.55 0.00	41.59 2.16 -13.84
EAST HAMPTON___GT 23717	32.73 1.99 0.00	31.63 1.61 0.00	29.30 1.52 0.00	30.60 1.49 0.00	30.23 1.67 0.00	38.66 2.60 0.00	39.78 4.22 0.00	35.22 3.88 0.00	21.19 1.69 0.00	26.61 2.08 0.00	24.82 1.80 -1.46	18.52 1.01 -4.82	10.46 0.56 2.73	16.65 0.43 0.98	-45.17 0.55 67.34	-67.50 0.94 95.01	-16.51 1.04 61.47	-4.46 0.80 38.81	47.15 1.41 -15.49	42.48 1.39 -3.80	43.14 1.64 -4.22	73.39 2.01 -29.94	32.02 1.58 0.00	27.12 0.89 -0.64
EAST RIVER___6 23660	32.82 2.09 0.00	31.90 1.88 0.00	29.40 1.62 0.00	30.80 1.69 0.00	30.33 1.77 0.00	38.45 2.39 0.00	38.24 2.68 0.00	34.05 2.70 0.00	21.19 1.69 0.00	26.60 2.07 0.00	23.39 1.83 0.00	26.85 1.05 -13.11	39.35 1.00 -25.72	32.01 1.33 -13.49	30.38 1.62 -7.15	31.71 1.99 -3.15	47.25 3.32 -0.01	36.18 2.61 -0.01	32.75 2.49 0.00	40.28 3.01 0.00	40.27 3.00 0.00	44.71 3.27 0.00	32.83 2.39 0.00	41.11 2.08 -13.44
EAST RIVER___7 23524	32.82 2.09 0.00	31.90 1.88 0.00	29.40 1.62 0.00	30.80 1.69 0.00	30.33 1.77 0.00	38.45 2.39 0.00	38.24 2.68 0.00	34.05 2.70 0.00	21.19 1.69 0.00	26.60 2.07 0.00	23.39 1.83 0.00	26.85 1.05 -13.11	39.35 1.00 -25.72	32.01 1.33 -13.49	30.38 1.62 -7.15	31.71 1.99 -3.15	47.25 3.32 -0.01	36.18 2.61 -0.01	32.75 2.49 0.00	40.28 3.01 0.00	40.27 3.00 0.00	44.71 3.27 0.00	32.83 2.39 0.00	41.11 2.08 -13.44
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	32.43 1.70 0.00	31.52 1.50 0.00	29.05 1.26 0.00	30.43 1.32 0.00	29.96 1.40 0.00	37.98 1.92 0.00	37.78 2.22 0.00	33.63 2.28 0.00	20.92 1.41 0.00	26.24 1.71 0.00	23.06 1.51 0.00	14.06 0.86 -0.52	14.46 0.81 -1.02	18.81 1.08 -0.53	23.22 1.32 -0.28	28.33 1.63 -0.13	46.70 2.77 0.00	35.76 2.22 0.00	32.41 2.15 0.00	39.85 2.58 0.00	39.88 2.60 0.00	44.24 2.80 0.00	32.48 2.04 0.00	27.01 1.77 0.35
EAST_HAMPTON___DIESEL 23722	32.70 1.96 0.00	31.60 1.58 0.00	29.27 1.48 0.00	30.57 1.46 0.00	30.20 1.64 0.00	38.65 2.59 0.00	39.79 4.23 0.00	35.23 3.89 0.00	21.19 1.69 0.00	26.62 2.09 0.00	24.82 1.81 -1.46	18.51 1.01 -4.82	10.44 0.55 2.73	16.62 0.40 0.98	-45.19 0.51 67.31	-67.50 0.90 94.97	-16.62 0.90 61.45	-4.54 0.70 38.79	47.05 1.30 -15.49	42.35 1.27 -3.80	43.01 1.52 -4.22	73.25 1.88 -29.94	31.91 1.47 0.00	27.03 0.80 -0.64
EAST_POINT___SOLAR 323840	32.77 2.03 0.00	32.05 2.03 0.00	29.64 1.86 0.00	31.06 1.95 0.00	30.45 1.89 0.00	38.50 2.44 0.00	37.85 2.29 0.00	32.60 1.25 0.00	19.79 0.28 0.00	24.47 -0.06 0.00	21.45 -0.10 0.00	12.62 -0.07 0.00	12.70 0.07 0.00	17.27 0.07 0.00	22.22 0.60 0.00	27.74 1.18 0.00	46.02 2.09 0.00	34.95 1.40 0.00	31.75 1.49 0.00	39.53 2.26 0.00	39.61 2.33 0.00	44.18 2.74 0.00	32.32 1.88 0.00	27.04 1.45 0.00
EAST_PULASKI___ESR 323781	30.20 -0.53 0.00	29.52 -0.50 0.00	27.38 -0.41 0.00	28.67 -0.43 0.00	28.09 -0.47 0.00	35.44 -0.62 0.00	34.86 -0.70 0.00	30.70 -0.65 0.00	19.03 -0.48 0.00	23.88 -0.65 0.00	20.99 -0.56 0.00	12.36 -0.33 0.00	12.25 -0.38 0.00	16.70 -0.50 0.00	21.07 -0.54 0.00	25.99 -0.58 0.00	42.84 -1.09 0.00	32.82 -0.73 0.00	29.58 -0.68 0.00	36.37 -0.91 0.00	36.47 -0.80 0.00	40.47 -0.97 0.00	29.66 -0.78 0.00	24.85 -0.73 0.00
EAST_RIVER___1 323558	32.77 2.03 0.00	31.86 1.84 0.00	29.36 1.57 0.00	30.77 1.66 0.00	30.29 1.73 0.00	38.40 2.34 0.00	38.18 2.62 0.00	34.01 2.66 0.00	21.16 1.66 0.00	26.56 2.03 0.00	23.35 1.80 0.00	26.53 1.03 -12.82	38.75 0.98 -25.14	31.69 1.30 -13.18	30.20 1.60 -6.99	31.62 1.97 -3.08	47.21 3.28 0.00	36.15 2.59 -0.01	32.73 2.47 0.00	40.26 2.98 0.00	40.25 2.97 0.00	44.67 3.23 0.00	32.81 2.37 0.00	40.79 2.07 -13.13
EAST_RIVER___2 323559	32.82 2.09 0.00	31.90 1.88 0.00	29.40 1.62 0.00	30.80 1.69 0.00	30.33 1.77 0.00	38.45 2.39 0.00	38.24 2.68 0.00	34.05 2.70 0.00	21.19 1.69 0.00	26.60 2.07 0.00	23.39 1.83 0.00	26.85 1.05 -13.11	39.35 1.00 -25.72	32.01 1.33 -13.49	30.38 1.62 -7.15	31.71 1.99 -3.15	47.25 3.32 -0.01	36.18 2.61 -0.01	32.75 2.49 0.00	40.28 3.01 0.00	40.27 3.00 0.00	44.71 3.27 0.00	32.83 2.39 0.00	41.11 2.08 -13.44
EAST___DELAWARE_HYD 23607	32.71 1.98 0.00	31.83 1.81 0.00	29.36 1.57 0.00	30.79 1.68 0.00	30.29 1.73 0.00	38.41 2.35 0.00	38.13 2.57 0.00	33.68 2.34 0.00	20.92 1.42 0.00	26.13 1.60 0.00	22.94 1.39 0.00	13.47 0.79 0.00	13.38 0.75 0.00	18.10 0.90 0.00	22.65 1.03 0.00	27.82 1.25 0.00	46.08 2.15 0.00	35.19 1.64 0.00	31.92 1.66 0.00	39.37 2.10 0.00	39.41 2.13 0.00	43.70 2.26 0.00	32.04 1.60 0.00	26.95 1.36 0.00
EIGHT_POINT___WT_PWR 323820	30.88 0.14 0.00	29.67 -0.35 0.00	27.17 -0.62 0.00	27.95 -1.16 0.00	26.90 -1.65 0.00	33.47 -2.59 0.00	32.54 -3.02 0.00	28.88 -2.47 0.00	18.95 -1.39 -0.83	22.75 -1.79 0.00	20.08 -1.48 0.00	11.81 -0.87 0.00	11.82 -0.81 0.00	16.16 -1.04 0.00	19.90 -1.71 0.00	24.49 -2.08 0.00	40.99 -2.93 0.00	44.00 -2.34 -12.79	54.25 -2.75 -26.74	34.79 -2.49 0.00	35.24 -2.04 0.00	39.48 -1.96 0.00	29.26 -1.18 0.00	24.05 -1.54 0.00
ELBRIDGE_115KV_TB2 80188	30.47 -0.27 0.00	29.73 -0.29 0.00	27.47 -0.32 0.00	28.73 -0.38 0.00	28.15 -0.41 0.00	35.58 -0.47 0.00	35.12 -0.44 0.00	30.97 -0.38 0.00	19.28 -0.23 0.00	24.14 -0.39 0.00	21.25 -0.30 0.00	12.51 -0.18 0.00	12.47 -0.16 0.00	17.00 -0.20 0.00	21.41 -0.21 0.00	26.29 -0.28 0.00	43.42 -0.50 0.00	33.13 -0.42 0.00	29.80 -0.46 0.00	36.86 -0.41 0.00	36.93 -0.35 0.00	41.06 -0.38 0.00	30.09 -0.35 0.00	25.23 -0.36 0.00
ELEC_TRO_TEK 24086	32.50 1.76 0.00	31.55 1.53 0.00	29.20 1.42 0.00	30.50 1.39 0.00	30.01 1.45 0.00	37.98 1.92 0.00	38.08 2.52 0.00	33.79 2.44 0.00	20.84 1.33 0.00	26.20 1.66 0.00	29.25 1.59 -6.11	25.76 0.92 -12.15	16.22 0.84 -2.74	17.33 1.11 0.98	22.40 1.31 0.52	32.25 1.70 -3.99	55.68 2.92 -8.84	85.75 2.22 -49.98	100.57 2.18 -68.13	71.00 2.59 -31.13	177.55 2.62 -137.65	97.71 2.81 -53.46	32.60 2.16 0.00	27.98 1.74 -0.64

ELLENBURG_WT_PWR 323604	30.11 -0.63 0.00	29.69 -0.33 0.00	27.91 0.13 0.00	29.31 0.20 0.00	28.93 0.37 0.00	36.53 0.46 0.00	35.82 0.27 0.00	31.47 0.12 0.00	19.57 0.06 0.00	24.63 0.10 0.00	21.55 -0.01 0.00	12.69 0.00 0.00	12.71 0.08 0.00	17.41 0.21 0.00	21.63 0.01 0.00	26.32 -0.25 0.00	43.53 -0.40 0.00	32.98 -0.57 0.00	29.79 -0.47 0.00	36.71 -0.57 0.00	26.97 -1.13 9.18	40.08 -1.36 0.00	25.16 -0.92 4.35	24.92 -0.67 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	29.43 -1.30 0.00	28.51 -1.51 0.00	26.33 -1.45 0.00	27.45 -1.66 0.00	26.71 -1.85 0.00	33.57 -2.50 0.00	32.76 -2.80 0.00	29.13 -2.21 0.00	18.01 -1.22 0.28	23.03 -1.51 0.00	20.44 -1.11 0.00	12.08 -0.61 0.00	12.03 -0.60 0.00	16.29 -0.91 0.00	20.34 -1.28 0.00	25.11 -1.46 0.00	41.19 -2.74 0.00	26.99 -2.39 4.17	19.01 -2.50 8.74	34.57 -2.70 0.00	34.81 -2.47 0.00	39.22 -2.22 0.00	28.73 -1.71 0.00	23.84 -1.75 0.00
EMPIRE_CC_1 323656	31.62 0.88 0.00	30.77 0.75 0.00	28.40 0.62 0.00	29.81 0.70 0.00	29.33 0.77 0.00	37.10 1.04 0.00	36.82 1.26 0.00	32.55 1.20 0.00	20.25 0.74 0.00	25.40 0.87 0.00	22.21 0.65 0.00	13.03 0.34 0.00	12.99 0.35 0.00	17.70 0.51 0.00	22.26 0.64 0.00	27.35 0.78 0.00	45.25 1.32 0.00	34.71 1.16 0.00	31.40 1.14 0.00	38.52 1.24 0.00	38.55 1.27 0.00	42.78 1.34 0.00	31.46 1.02 0.00	26.55 0.96 0.00
EMPIRE_CC_2 323658	31.62 0.88 0.00	30.77 0.75 0.00	28.40 0.62 0.00	29.81 0.70 0.00	29.33 0.77 0.00	37.10 1.04 0.00	36.82 1.26 0.00	32.55 1.20 0.00	20.25 0.74 0.00	25.40 0.87 0.00	22.21 0.65 0.00	13.03 0.34 0.00	12.99 0.35 0.00	17.70 0.51 0.00	22.26 0.64 0.00	27.35 0.78 0.00	45.25 1.32 0.00	34.71 1.16 0.00	31.40 1.14 0.00	38.52 1.24 0.00	38.55 1.27 0.00	42.78 1.34 0.00	31.46 1.02 0.00	26.55 0.96 0.00
ENORWICH_115KV_TB1 80156	33.23 2.49 0.00	32.36 2.34 0.00	29.84 2.06 0.00	31.11 2.01 0.00	30.17 1.61 0.00	37.72 1.66 0.00	37.14 1.58 0.00	32.33 0.99 0.00	19.85 0.30 -0.04	24.55 0.01 0.00	21.53 -0.03 0.00	12.53 -0.16 0.00	12.43 -0.20 0.00	17.11 -0.09 0.00	21.67 0.06 0.00	26.78 0.21 0.00	43.95 0.03 0.00	34.38 0.14 -0.69	32.02 0.34 -1.43	38.00 0.72 0.00	38.15 0.88 0.00	42.70 1.27 0.00	30.87 0.44 0.00	25.78 0.19 0.00
ERIE_ST_34_KV_TB1-2 80199	29.89 -0.85 0.00	28.95 -1.07 0.00	26.72 -1.06 0.00	27.87 -1.24 0.00	27.11 -1.45 0.00	34.08 -1.98 0.00	33.33 -2.23 0.00	29.68 -1.66 0.00	18.41 -0.85 0.25	23.49 -1.05 0.00	20.83 -0.73 0.00	12.29 -0.40 0.00	12.25 -0.38 0.00	16.59 -0.61 0.00	20.70 -0.91 0.00	25.57 -1.00 0.00	41.97 -1.96 0.00	28.28 -1.76 3.51	20.99 -1.91 7.36	35.26 -2.02 0.00	35.47 -1.80 0.00	39.90 -1.54 0.00	29.23 -1.21 0.00	24.26 -1.33 0.00
ERIE_WT_PWR 323693	29.64 -1.10 0.00	28.69 -1.33 0.00	26.48 -1.31 0.00	27.57 -1.54 0.00	26.84 -1.72 0.00	33.72 -2.35 0.00	32.93 -2.63 0.00	29.30 -2.04 0.00	18.13 -1.09 0.28	23.17 -1.36 0.00	20.56 -0.99 0.00	12.15 -0.54 0.00	12.09 -0.54 0.00	16.36 -0.84 0.00	20.39 -1.23 0.00	25.20 -1.37 0.00	41.41 -2.52 0.00	27.35 -2.20 4.00	19.60 -2.29 8.37	34.83 -2.45 0.00	35.08 -2.20 0.00	39.51 -1.93 0.00	28.91 -1.53 0.00	23.95 -1.64 0.00
ESPRGFLD_115KV_TB1 80157	32.31 1.57 0.00	31.62 1.60 0.00	29.23 1.45 0.00	30.59 1.48 0.00	29.91 1.35 0.00	37.71 1.65 0.00	37.06 1.50 0.00	32.51 1.17 0.00	20.14 0.63 0.00	25.25 0.72 0.00	22.20 0.65 0.00	13.12 0.43 0.00	13.04 0.41 0.00	17.73 0.53 0.00	22.42 0.80 0.00	27.53 0.96 0.00	45.52 1.59 0.00	34.64 1.09 0.00	31.24 0.98 0.00	38.64 1.37 0.00	38.71 1.44 0.00	43.20 1.76 0.00	31.60 1.16 0.00	26.44 0.85 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	31.35 0.62 0.00	30.53 0.50 0.00	28.20 0.41 0.00	29.49 0.38 0.00	28.85 0.29 0.00	36.43 0.37 0.00	35.93 0.37 0.00	31.66 0.31 0.00	19.69 0.11 -0.07	24.45 -0.08 0.00	21.45 -0.11 0.00	12.63 -0.06 0.00	12.62 -0.01 0.00	17.21 0.01 0.00	21.73 0.12 0.00	26.71 0.14 0.00	44.09 0.16 0.00	34.77 0.08 -1.14	32.69 0.07 -2.37	37.62 0.34 0.00	37.75 0.47 0.00	41.96 0.52 0.00	30.70 0.26 0.00	25.72 0.13 0.00
ETNA____115KV_TB2 80207	31.35 0.62 0.00	30.53 0.50 0.00	28.20 0.41 0.00	29.49 0.38 0.00	28.85 0.29 0.00	36.43 0.37 0.00	35.93 0.37 0.00	31.66 0.31 0.00	19.69 0.11 -0.07	24.45 -0.08 0.00	21.45 -0.11 0.00	12.63 -0.06 0.00	12.62 -0.01 0.00	17.21 0.01 0.00	21.73 0.12 0.00	26.71 0.14 0.00	44.09 0.16 0.00	34.77 0.08 -1.14	32.69 0.07 -2.37	37.62 0.34 0.00	37.75 0.47 0.00	41.96 0.52 0.00	30.70 0.26 0.00	25.72 0.13 0.00
EUCLID____115KV_TB2 356179	30.29 -0.45 0.00	29.53 -0.49 0.00	27.30 -0.49 0.00	28.58 -0.53 0.00	28.01 -0.54 0.00	35.37 -0.69 0.00	34.90 -0.65 0.00	30.81 -0.54 0.00	19.17 -0.33 0.00	24.04 -0.49 0.00	21.17 -0.38 0.00	12.47 -0.21 0.00	12.42 -0.21 0.00	16.93 -0.28 0.00	21.36 -0.25 0.00	26.28 -0.29 0.00	43.36 -0.57 0.00	33.07 -0.48 0.00	29.76 -0.50 0.00	36.75 -0.52 0.00	36.82 -0.45 0.00	40.88 -0.56 0.00	29.91 -0.53 0.00	25.09 -0.50 0.00
E_CANADA_CAP_HY 24051	32.42 1.69 0.00	31.77 1.75 0.00	29.43 1.64 0.00	30.81 1.70 0.00	30.14 1.59 0.00	38.07 2.01 0.00	37.30 1.75 0.00	32.57 1.22 0.00	20.03 0.52 0.00	25.04 0.51 0.00	21.99 0.44 0.00	13.00 0.31 0.00	12.95 0.32 0.00	17.61 0.41 0.00	22.34 0.73 0.00	27.60 1.04 0.00	45.79 1.87 0.00	34.86 1.31 0.00	31.45 1.19 0.00	38.96 1.68 0.00	39.02 1.74 0.00	43.67 2.23 0.00	31.96 1.52 0.00	26.74 1.15 0.00
E_CANADA_MHWK_HY 24050	31.09 0.36 0.00	30.22 0.20 0.00	27.91 0.12 0.00	29.27 0.16 0.00	28.82 0.26 0.00	36.42 0.35 0.00	36.06 0.50 0.00	31.36 0.02 0.00	19.26 -0.25 0.00	23.86 -0.67 0.00	20.78 -0.78 0.00	12.17 -0.52 0.00	12.15 -0.48 0.00	16.52 -0.68 0.00	21.16 -0.45 0.00	26.25 -0.32 0.00	43.85 -0.07 0.00	33.79 0.24 0.00	30.50 0.24 0.00	37.59 0.31 0.00	37.67 0.39 0.00	41.85 0.41 0.00	30.78 0.34 0.00	25.86 0.27 0.00
E_FISHKILL____LBMP 23776	32.13 1.39 0.00	31.24 1.22 0.00	28.80 1.02 0.00	30.18 1.08 0.00	29.71 1.15 0.00	37.64 1.58 0.00	37.44 1.89 0.00	33.30 1.95 0.00	20.71 1.20 0.00	26.00 1.47 0.00	22.83 1.28 0.00	13.41 0.72 0.00	13.31 0.68 0.00	18.11 0.91 0.00	22.74 1.12 0.00	27.94 1.37 0.00	46.24 2.31 0.00	35.43 1.87 0.00	32.10 1.84 0.00	39.46 2.18 0.00	39.49 2.22 0.00	43.80 2.36 0.00	32.17 1.73 0.00	27.20 1.51 -0.10
FALCON____SEABRD_CC1 323796	30.44 -0.30 0.00	29.98 -0.05 0.00	28.22 0.43 0.00	29.66 0.55 0.00	29.30 0.74 0.00	36.96 0.90 0.00	36.25 0.69 0.00	31.81 0.46 0.00	19.74 0.23 0.00	24.84 0.31 0.00	21.73 0.17 0.00	12.82 0.13 0.00	12.85 0.22 0.00	17.63 0.42 0.00	21.88 0.27 0.00	26.61 0.04 0.00	44.02 0.10 0.00	33.38 -0.17 0.00	30.07 -0.18 0.00	37.09 -0.18 0.00	27.26 -0.75 9.26	40.42 -1.02 0.00	25.37 -0.68 4.40	25.18 -0.41 0.00

FALCON___SEABRD_CC2 323797	30.44 -0.30 0.00	29.98 -0.05 0.00	28.22 0.43 0.00	29.66 0.55 0.00	29.30 0.74 0.00	36.96 0.90 0.00	36.25 0.69 0.00	31.81 0.46 0.00	19.74 0.23 0.00	24.84 0.31 0.00	21.73 0.17 0.00	12.82 0.13 0.00	12.85 0.22 0.00	17.63 0.42 0.00	21.88 0.27 0.00	26.61 0.04 0.00	44.02 0.10 0.00	33.38 -0.17 0.00	30.07 -0.18 0.00	37.09 -0.18 0.00	27.26 -0.75 9.26	40.42 -1.02 0.00	25.37 -0.68 4.40	25.18 -0.41 0.00
FAR ROCKAWAY___4 23548	32.85 2.11 0.00	31.90 1.88 0.00	29.52 1.74 0.00	30.82 1.71 0.00	30.33 1.77 0.00	38.39 2.33 0.00	38.49 2.93 0.00	34.11 2.76 0.00	21.03 1.52 0.00	26.44 1.90 0.00	33.95 1.80 -10.60	30.98 1.05 -17.24	23.12 0.97 -9.52	17.50 1.28 0.98	22.62 1.53 0.52	36.22 2.02 -7.63	61.47 3.46 -14.08	135.25 2.65 -99.05	151.89 2.57 -119.07	102.81 3.07 -62.46	295.71 3.10 -255.33	94.47 3.33 -49.70	33.00 2.56 0.00	28.29 2.06 -0.64
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	32.79 2.05 0.00	31.87 1.85 0.00	29.37 1.58 0.00	30.77 1.66 0.00	30.29 1.73 0.00	38.41 2.35 0.00	38.19 2.64 0.00	34.01 2.66 0.00	21.16 1.66 0.00	26.56 2.02 0.00	23.35 1.79 0.00	27.23 1.03 -13.51	40.11 0.97 -26.50	32.40 1.30 -13.90	30.58 1.60 -7.37	31.78 1.97 -3.25	47.22 3.29 -0.01	36.16 2.60 -0.01	32.75 2.49 0.00	40.27 2.99 0.00	40.26 2.98 0.00	44.67 3.23 0.00	32.83 2.39 0.00	41.51 2.08 -13.84
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	32.79 2.05 0.00	31.87 1.85 0.00	29.37 1.59 0.00	30.77 1.66 0.00	30.29 1.74 0.00	38.41 2.35 0.00	38.20 2.64 0.00	34.01 2.66 0.00	21.17 1.66 0.00	26.55 2.02 0.00	23.35 1.79 0.00	27.23 1.03 -13.51	40.10 0.97 -26.50	32.39 1.29 -13.90	30.57 1.59 -7.37	31.78 1.96 -3.25	47.21 3.28 -0.01	36.16 2.60 -0.01	32.75 2.49 0.00	40.27 2.99 0.00	40.27 3.00 0.00	44.68 3.24 0.00	32.83 2.39 0.00	41.52 2.08 -13.84
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	32.76 2.03 0.00	31.84 1.82 0.00	29.35 1.56 0.00	30.75 1.64 0.00	30.28 1.72 0.00	38.39 2.33 0.00	38.18 2.62 0.00	33.99 2.64 0.00	21.15 1.65 0.00	26.55 2.01 0.00	23.34 1.78 0.00	27.22 1.02 -13.51	40.10 0.97 -26.50	32.39 1.29 -13.90	30.56 1.58 -7.37	31.77 1.95 -3.25	47.19 3.26 -0.01	36.13 2.57 -0.01	32.72 2.46 0.00	40.23 2.96 0.00	40.24 2.96 0.00	44.66 3.22 0.00	32.80 2.36 0.00	41.49 2.06 -13.84
FARRAGUT___LBMP 323566	32.74 2.00 0.00	31.83 1.81 0.00	29.33 1.55 0.00	30.74 1.63 0.00	30.26 1.70 0.00	38.37 2.31 0.00	38.14 2.58 0.00	33.97 2.62 0.00	21.14 1.63 0.00	26.52 1.99 0.00	23.31 1.76 0.00	27.21 1.01 -13.51	40.09 0.96 -26.50	32.37 1.27 -13.90	30.54 1.56 -7.37	31.74 1.92 -3.25	47.15 3.22 -0.01	36.10 2.55 -0.01	32.70 2.44 0.00	40.21 2.93 0.00	40.20 2.93 0.00	44.62 3.18 0.00	32.78 2.34 0.00	41.47 2.04 -13.84
FENNER___WINDPWR 24204	31.30 0.57 0.00	30.53 0.51 0.00	28.23 0.45 0.00	29.56 0.45 0.00	28.95 0.39 0.00	36.52 0.45 0.00	35.97 0.41 0.00	31.68 0.33 0.00	19.64 0.13 0.00	24.58 0.05 0.00	21.51 -0.04 0.00	12.70 0.01 0.00	12.62 -0.01 0.00	17.22 0.03 0.00	21.74 0.13 0.00	26.85 0.28 0.00	44.29 0.37 0.00	33.86 0.31 0.00	30.50 0.24 0.00	37.71 0.43 0.00	37.79 0.51 0.00	41.93 0.49 0.00	30.64 0.20 0.00	25.68 0.09 0.00
FIBERTEK___ENERGY 23856	30.60 -0.13 0.00	29.85 -0.17 0.00	27.58 -0.21 0.00	28.87 -0.24 0.00	28.29 -0.26 0.00	35.76 -0.30 0.00	35.29 -0.27 0.00	31.13 -0.21 0.00	19.36 -0.14 0.00	24.25 -0.28 0.00	21.34 -0.21 0.00	12.57 -0.11 0.00	12.53 -0.10 0.00	17.08 -0.12 0.00	21.55 -0.06 0.00	26.47 -0.10 0.00	43.71 -0.22 0.00	33.34 -0.21 0.00	30.01 -0.25 0.00	37.10 -0.17 0.00	37.18 -0.10 0.00	41.28 -0.16 0.00	30.22 -0.22 0.00	25.34 -0.25 0.00
FITZPATRICK____ 23598	29.85 -0.89 0.00	29.13 -0.89 0.00	26.95 -0.84 0.00	28.21 -0.90 0.00	27.65 -0.91 0.00	34.91 -1.15 0.00	34.43 -1.13 0.00	30.38 -0.96 0.00	18.92 -0.59 0.00	23.74 -0.79 0.00	20.91 -0.64 0.00	12.32 -0.37 0.00	12.26 -0.37 0.00	16.70 -0.50 0.00	21.00 -0.61 0.00	25.82 -0.75 0.00	42.65 -1.28 0.00	32.53 -1.02 0.00	29.27 -0.99 0.00	36.10 -1.18 0.00	36.15 -1.13 0.00	40.22 -1.22 0.00	29.51 -0.93 0.00	24.76 -0.83 0.00
FLOWRFLD_69_KV_BK1 356044	32.63 1.89 0.00	31.66 1.64 0.00	29.43 1.64 0.00	30.68 1.57 0.00	30.21 1.66 0.00	38.11 2.04 0.00	38.52 2.96 0.00	34.14 2.80 0.00	20.78 1.28 0.00	26.15 1.61 0.00	24.54 1.48 -1.49	18.44 0.89 -4.87	10.65 0.71 2.69	17.12 0.90 0.98	33.89 1.01 -11.27	45.29 1.39 -17.33	61.10 2.69 -14.48	50.39 1.94 -14.90	48.35 2.24 -15.85	43.79 2.52 -3.99	45.09 2.69 -5.13	74.62 3.08 -30.10	32.93 2.49 0.00	28.08 1.85 -0.64
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	32.44 1.70 0.00	31.54 1.52 0.00	29.06 1.28 0.00	30.46 1.35 0.00	29.98 1.42 0.00	38.00 1.94 0.00	37.82 2.26 0.00	33.65 2.30 0.00	20.92 1.41 0.00	26.23 1.70 0.00	23.01 1.46 0.00	13.51 0.82 0.00	13.41 0.78 0.00	18.23 1.03 0.00	22.91 1.30 0.00	28.17 1.60 0.00	46.71 2.78 0.00	35.80 2.25 0.00	32.44 2.18 0.00	39.93 2.65 0.00	39.95 2.67 0.00	44.30 2.86 0.00	32.50 2.06 0.00	27.38 1.76 -0.02
FORT ORANGE____ 23900	31.40 0.66 0.00	30.57 0.55 0.00	28.24 0.45 0.00	29.61 0.51 0.00	29.13 0.57 0.00	36.83 0.77 0.00	36.60 1.04 0.00	32.31 0.96 0.00	20.06 0.55 0.00	25.12 0.59 0.00	21.97 0.42 0.00	12.90 0.21 0.00	12.85 0.22 0.00	17.52 0.32 0.00	22.05 0.43 0.00	27.14 0.58 0.00	44.93 1.00 0.00	34.48 0.93 0.00	31.19 0.93 0.00	38.26 0.99 0.00	38.31 1.03 0.00	42.48 1.04 0.00	31.27 0.83 0.00	26.35 0.76 0.00
FORT_DRUM_COGEN 23780	30.57 -0.16 0.00	30.07 0.05 0.00	28.16 0.37 0.00	29.50 0.39 0.00	28.83 0.27 0.00	36.31 0.25 0.00	35.47 -0.08 0.00	31.01 -0.34 0.00	19.04 -0.47 0.00	23.99 -0.55 0.00	21.01 -0.55 0.00	12.38 -0.31 0.00	12.10 -0.53 0.00	16.47 -0.73 0.00	20.84 -0.78 0.00	26.01 -0.56 0.00	42.79 -1.13 0.00	33.20 -0.35 0.00	29.97 -0.29 0.00	36.51 -0.77 0.00	37.10 -0.59 -0.42	40.52 -0.92 0.00	29.66 -0.98 -0.20	24.67 -0.92 0.00
FOX_HILLS___ESR 323835	47.88 2.16 -14.99	47.90 1.95 -15.93	47.89 1.71 -18.39	47.37 1.84 -16.42	47.31 1.91 -16.84	47.65 2.52 -9.07	48.04 2.79 -9.69	46.15 2.85 -11.95	48.01 1.80 -26.71	44.66 2.20 -17.93	45.91 1.91 -22.45	41.81 1.07 -28.06	42.27 0.95 -28.69	41.93 1.30 -23.44	42.00 1.59 -18.80	42.16 2.03 -13.57	52.04 3.42 -4.69	44.69 2.81 -8.33	47.56 2.67 -14.63	47.79 3.21 -7.31	44.79 3.20 -4.31	50.09 3.45 -5.20	43.14 2.63 -10.08	54.42 2.18 -26.65
FPL FAR_ROCK_GT1 24212	32.85 2.11 0.00	31.90 1.88 0.00	29.52 1.74 0.00	30.82 1.71 0.00	30.33 1.78 0.00	38.39 2.33 0.00	38.49 2.93 0.00	34.11 2.76 0.00	21.03 1.52 0.00	26.44 1.91 0.00	33.95 1.80 -10.60	30.98 1.05 -17.24	23.12 0.97 -9.52	17.51 1.29 0.98	22.62 1.53 0.52	36.22 2.02 -7.63	61.48 3.47 -14.08	135.25 2.65 -99.05	151.88 2.55 -119.07	102.82 3.08 -62.46	295.68 3.07 -255.33	94.47 3.33 -49.70	33.00 2.56 0.00	28.29 2.06 -0.64

FPL FAR_ROCK_GT2 23815	32.85 2.11 0.00	31.90 1.88 0.00	29.52 1.74 0.00	30.82 1.71 0.00	30.33 1.78 0.00	38.39 2.33 0.00	38.49 2.93 0.00	34.11 2.76 0.00	21.03 1.52 0.00	26.44 1.91 0.00	33.95 1.80 -10.60	30.98 1.05 -17.24	23.12 0.97 -9.52	17.51 1.29 0.98	22.62 1.53 0.52	36.22 2.02 -7.63	61.48 3.47 -14.08	135.25 2.65 -99.05	151.88 2.55 -119.07	102.82 3.08 -62.46	295.68 3.07 -255.33	94.47 3.33 -49.70	33.00 2.56 0.00	28.29 2.06 -0.64
FRANKLIN_FALL_HYD 24054	30.26 -0.47 0.00	29.87 -0.15 0.00	28.04 0.26 0.00	29.42 0.31 0.00	29.02 0.46 0.00	36.67 0.60 0.00	35.96 0.40 0.00	31.60 0.25 0.00	19.60 0.10 0.00	24.66 0.13 0.00	21.55 0.00 0.00	12.67 -0.02 0.00	12.71 0.08 0.00	17.40 0.20 0.00	21.62 0.00 0.00	26.40 -0.17 0.00	43.72 -0.20 0.00	33.18 -0.37 0.00	29.99 -0.26 0.00	37.01 -0.26 0.00	43.08 -0.77 -6.58	40.44 -1.00 0.00	32.87 -0.69 -3.12	25.07 -0.52 0.00
FREEPORT_EQUS_GT1 23764	32.57 1.83 0.00	31.61 1.59 0.00	29.26 1.47 0.00	30.56 1.45 0.00	30.07 1.52 0.00	38.05 1.99 0.00	38.18 2.62 0.00	33.87 2.52 0.00	20.84 1.34 0.00	26.19 1.66 0.00	28.07 1.57 -4.95	23.27 0.91 -9.68	15.30 0.82 -1.85	17.30 1.08 0.98	22.36 1.26 0.52	31.42 1.67 -3.18	53.80 2.92 -6.95	74.28 2.24 -38.49	86.14 2.19 -53.69	63.84 2.63 -23.93	138.30 2.65 -98.38	84.96 2.87 -40.65	32.67 2.23 0.00	28.03 1.79 -0.64
FREEPORT___CT2 23818	32.57 1.83 0.00	31.61 1.59 0.00	29.26 1.47 0.00	30.56 1.45 0.00	30.07 1.52 0.00	38.05 1.99 0.00	38.18 2.62 0.00	33.87 2.52 0.00	20.84 1.34 0.00	26.19 1.66 0.00	28.07 1.57 -4.95	23.27 0.91 -9.68	15.30 0.82 -1.85	17.30 1.08 0.98	22.36 1.26 0.52	31.42 1.67 -3.18	53.80 2.92 -6.95	74.28 2.24 -38.49	86.14 2.19 -53.69	63.84 2.63 -23.93	138.30 2.65 -98.38	84.96 2.87 -40.65	32.67 2.23 0.00	28.03 1.79 -0.64
FRESHKLS_33_KV_LOAD 356253	47.84 2.12 -14.99	47.84 1.89 -15.93	47.84 1.67 -18.39	47.34 1.81 -16.42	47.30 1.89 -16.84	47.61 2.48 -9.07	47.98 2.72 -9.69	46.10 2.80 -11.95	47.98 1.76 -26.71	44.60 2.14 -17.93	45.84 1.84 -22.45	41.77 1.03 -28.06	42.21 0.89 -28.69	41.86 1.22 -23.44	41.91 1.49 -18.80	42.06 1.92 -13.57	51.89 3.27 -4.69	44.64 2.76 -8.33	47.51 2.62 -14.63	47.72 3.14 -7.31	44.72 3.13 -4.31	50.01 3.37 -5.20	43.11 2.60 -10.08	54.37 2.13 -26.65
FULTON COGEN____ 23766	30.13 -0.61 0.00	29.40 -0.62 0.00	27.19 -0.60 0.00	28.47 -0.63 0.00	27.91 -0.65 0.00	35.25 -0.81 0.00	34.78 -0.78 0.00	30.71 -0.64 0.00	19.11 -0.40 0.00	23.95 -0.59 0.00	21.05 -0.51 0.00	12.42 -0.27 0.00	12.35 -0.28 0.00	16.85 -0.35 0.00	21.24 -0.37 0.00	26.10 -0.47 0.00	43.12 -0.80 0.00	32.87 -0.68 0.00	29.62 -0.64 0.00	36.55 -0.73 0.00	36.63 -0.65 0.00	40.70 -0.74 0.00	29.83 -0.61 0.00	25.02 -0.57 0.00
FULTON___LFGE 323630	32.47 1.74 0.00	31.75 1.73 0.00	29.36 1.57 0.00	30.76 1.65 0.00	30.16 1.60 0.00	38.13 2.07 0.00	37.52 1.96 0.00	32.61 1.27 0.00	19.89 0.38 0.00	24.68 0.15 0.00	21.58 0.03 0.00	12.72 0.04 0.00	12.68 0.05 0.00	17.30 0.10 0.00	22.10 0.49 0.00	27.48 0.91 0.00	46.00 2.08 0.00	35.13 1.58 0.00	31.70 1.44 0.00	39.28 2.00 0.00	39.32 2.05 0.00	43.81 2.37 0.00	32.07 1.63 0.00	26.88 1.29 0.00
G.F.CEMENT___DRP 24184	32.27 1.54 0.00	31.39 1.36 0.00	29.04 1.26 0.00	30.53 1.42 0.00	30.09 1.53 0.00	38.19 2.13 0.00	38.09 2.53 0.00	33.58 2.23 0.00	20.64 1.13 0.00	25.75 1.22 0.00	22.33 0.77 0.00	13.09 0.40 0.00	13.02 0.39 0.00	17.82 0.62 0.00	22.55 0.94 0.00	27.93 1.36 0.00	46.38 2.45 0.00	35.70 2.15 0.00	32.45 2.19 0.00	39.92 2.64 0.00	39.84 2.57 0.00	44.10 2.66 0.00	32.18 1.74 0.00	27.10 1.51 0.00
GARDENVILLE___LBMP 24039	29.57 -1.17 0.00	28.62 -1.40 0.00	26.41 -1.37 0.00	27.53 -1.58 0.00	26.78 -1.78 0.00	33.65 -2.41 0.00	32.85 -2.71 0.00	29.21 -2.14 0.00	18.05 -1.13 0.32	23.12 -1.41 0.00	20.52 -1.04 0.00	12.10 -0.58 0.00	12.07 -0.56 0.00	16.35 -0.85 0.00	20.37 -1.24 0.00	25.17 -1.40 0.00	41.33 -2.60 0.00	26.64 -2.30 4.61	18.19 -2.41 9.66	34.73 -2.54 0.00	34.98 -2.30 0.00	39.39 -2.05 0.00	28.83 -1.61 0.00	23.92 -1.68 0.00
GARDNVLA_35_KV_LD 355827	29.65 -1.09 0.00	28.70 -1.32 0.00	26.49 -1.30 0.00	27.60 -1.51 0.00	26.86 -1.70 0.00	33.75 -2.31 0.00	32.96 -2.60 0.00	29.32 -2.03 0.00	18.17 -1.07 0.26	23.21 -1.32 0.00	20.59 -0.97 0.00	12.14 -0.55 0.00	12.10 -0.53 0.00	16.40 -0.80 0.00	20.45 -1.17 0.00	25.26 -1.31 0.00	41.48 -2.45 0.00	27.60 -2.18 3.77	20.05 -2.32 7.89	34.86 -2.42 0.00	35.11 -2.17 0.00	39.53 -1.91 0.00	28.92 -1.51 0.00	23.98 -1.61 0.00
GELCKHM___115KV_LOAD 80723	30.40 -0.33 0.00	29.64 -0.38 0.00	27.40 -0.38 0.00	28.69 -0.42 0.00	28.11 -0.45 0.00	35.51 -0.55 0.00	35.05 -0.51 0.00	30.93 -0.42 0.00	19.24 -0.27 0.00	24.11 -0.42 0.00	21.23 -0.32 0.00	12.51 -0.18 0.00	12.46 -0.17 0.00	16.98 -0.21 0.00	21.42 -0.19 0.00	26.34 -0.23 0.00	43.47 -0.46 0.00	33.15 -0.40 0.00	29.84 -0.42 0.00	36.86 -0.41 0.00	36.93 -0.35 0.00	41.01 -0.42 0.00	30.02 -0.42 0.00	25.18 -0.41 0.00
GENERAL___MILLS 23808	29.62 -1.12 0.00	28.68 -1.35 0.00	26.46 -1.32 0.00	27.58 -1.53 0.00	26.84 -1.72 0.00	33.72 -2.34 0.00	32.93 -2.63 0.00	29.28 -2.07 0.00	18.14 -1.09 0.28	23.18 -1.35 0.00	20.56 -0.99 0.00	12.13 -0.56 0.00	12.09 -0.54 0.00	16.38 -0.82 0.00	20.42 -1.19 0.00	25.23 -1.34 0.00	41.42 -2.51 0.00	27.32 -2.23 4.00	19.54 -2.35 8.37	34.81 -2.47 0.00	35.05 -2.23 0.00	39.47 -1.97 0.00	28.89 -1.55 0.00	23.95 -1.64 0.00
GE_PLASTICS___DRP 24183	31.31 0.58 0.00	30.51 0.49 0.00	28.17 0.39 0.00	29.55 0.43 0.00	29.05 0.49 0.00	36.72 0.65 0.00	36.42 0.87 0.00	32.19 0.84 0.00	20.02 0.51 0.00	25.12 0.59 0.00	22.00 0.44 0.00	12.92 0.23 0.00	12.87 0.24 0.00	17.54 0.34 0.00	22.06 0.44 0.00	27.11 0.54 0.00	44.84 0.91 0.00	34.36 0.81 0.00	31.07 0.81 0.00	38.13 0.86 0.00	38.17 0.89 0.00	42.35 0.91 0.00	31.16 0.72 0.00	26.26 0.67 0.00
GILBOA___1 23756	31.40 0.66 0.00	30.69 0.66 0.00	28.28 0.50 0.00	29.68 0.57 0.00	29.06 0.51 0.00	36.75 0.68 0.00	36.39 0.83 0.00	32.14 0.80 0.00	20.04 0.53 0.00	25.16 0.63 0.00	22.09 0.54 0.00	12.99 0.30 0.00	12.93 0.29 0.00	17.65 0.45 0.00	22.16 0.55 0.00	27.15 0.58 0.00	44.90 0.97 0.00	34.35 0.80 0.00	31.04 0.78 0.00	38.10 0.82 0.00	38.14 0.86 0.00	42.43 0.99 0.00	31.17 0.73 0.00	26.25 0.66 0.00
GILBOA___2 23757	31.40 0.66 0.00	30.69 0.66 0.00	28.28 0.50 0.00	29.68 0.57 0.00	29.06 0.51 0.00	36.75 0.68 0.00	36.39 0.83 0.00	32.14 0.80 0.00	20.04 0.53 0.00	25.16 0.63 0.00	22.09 0.54 0.00	12.99 0.30 0.00	12.93 0.29 0.00	17.65 0.45 0.00	22.16 0.55 0.00	27.15 0.58 0.00	44.90 0.97 0.00	34.35 0.80 0.00	31.04 0.78 0.00	38.10 0.82 0.00	38.14 0.86 0.00	42.43 0.99 0.00	31.17 0.73 0.00	26.25 0.66 0.00

GILBOA___3 23758	31.40 0.66 0.00	30.69 0.66 0.00	28.28 0.50 0.00	29.68 0.57 0.00	29.06 0.51 0.00	36.75 0.68 0.00	36.39 0.83 0.00	32.14 0.80 0.00	20.04 0.53 0.00	25.16 0.63 0.00	22.09 0.54 0.00	12.99 0.30 0.00	12.93 0.29 0.00	17.65 0.45 0.00	22.16 0.55 0.00	27.15 0.58 0.00	44.90 0.97 0.00	34.35 0.80 0.00	31.04 0.78 0.00	38.10 0.82 0.00	38.14 0.86 0.00	42.43 0.99 0.00	31.17 0.73 0.00	26.25 0.66 0.00
GILBOA___4 23759	31.40 0.66 0.00	30.69 0.66 0.00	28.28 0.50 0.00	29.68 0.57 0.00	29.06 0.51 0.00	36.75 0.68 0.00	36.39 0.83 0.00	32.14 0.80 0.00	20.04 0.53 0.00	25.16 0.63 0.00	22.09 0.54 0.00	12.99 0.30 0.00	12.93 0.29 0.00	17.65 0.45 0.00	22.16 0.55 0.00	27.15 0.58 0.00	44.90 0.97 0.00	34.35 0.80 0.00	31.04 0.78 0.00	38.10 0.82 0.00	38.14 0.86 0.00	42.43 0.99 0.00	31.17 0.73 0.00	26.25 0.66 0.00
GILBOA___ 23599	31.40 0.66 0.00	30.69 0.66 0.00	28.28 0.50 0.00	29.68 0.57 0.00	29.06 0.51 0.00	36.75 0.69 0.00	36.39 0.83 0.00	32.14 0.80 0.00	20.04 0.53 0.00	25.16 0.63 0.00	22.09 0.54 0.00	12.99 0.30 0.00	12.93 0.30 0.00	17.65 0.45 0.00	22.16 0.55 0.00	27.15 0.58 0.00	44.90 0.97 0.00	34.35 0.80 0.00	31.04 0.78 0.00	38.10 0.83 0.00	38.14 0.87 0.00	42.43 0.99 0.00	31.17 0.73 0.00	26.25 0.66 0.00
GINNA___ 23603	28.64 -2.09 0.00	27.87 -2.15 0.00	25.78 -2.01 0.00	26.97 -2.14 0.00	26.37 -2.19 0.00	33.29 -2.77 0.00	32.76 -2.80 0.00	28.97 -2.38 0.00	18.05 -1.45 0.00	22.68 -1.86 0.00	20.05 -1.51 0.00	11.84 -0.85 0.00	11.78 -0.85 0.00	16.02 -1.18 0.00	20.11 -1.51 0.00	24.77 -1.80 0.00	40.75 -3.18 0.00	30.91 -2.64 0.00	27.69 -2.57 0.00	34.37 -2.91 0.00	34.49 -2.79 0.00	38.55 -2.89 0.00	28.26 -2.18 0.00	23.57 -2.02 0.00
GLEN PARK___ 23778	30.64 -0.10 0.00	30.10 0.08 0.00	28.20 0.41 0.00	29.53 0.42 0.00	28.86 0.30 0.00	36.39 0.33 0.00	35.58 0.02 0.00	31.10 -0.25 0.00	19.06 -0.45 0.00	23.95 -0.59 0.00	21.01 -0.54 0.00	12.39 -0.30 0.00	12.13 -0.50 0.00	16.51 -0.69 0.00	20.94 -0.68 0.00	26.17 -0.40 0.00	42.94 -0.98 0.00	33.31 -0.24 0.00	30.07 -0.18 0.00	36.63 -0.65 0.00	37.22 -0.45 0.00	40.67 -0.77 0.00	29.76 -0.87 0.00	24.74 -0.84 0.00
GLENDALE_27_KV_LOAD 356172	32.93 2.18 -0.01	32.03 2.00 -0.01	29.51 1.72 0.00	30.92 1.81 0.00	30.44 1.87 0.00	38.58 2.51 0.00	38.39 2.83 0.00	34.19 2.84 0.00	21.30 1.79 -0.01	26.73 2.19 -0.01	24.03 1.94 -0.53	30.76 1.10 -16.98	45.93 1.02 -32.28	35.51 1.38 -16.93	32.29 1.70 -8.98	32.62 2.10 -3.96	47.46 3.53 -0.01	36.38 2.82 -0.01	32.93 2.68 0.00	40.49 3.21 0.00	40.48 3.20 0.00	44.92 3.48 0.00	33.04 2.60 0.00	41.66 2.22 -13.84
GLENWOOD_IC_1_G5 23712	32.63 1.89 0.00	31.69 1.67 0.00	29.27 1.49 0.00	30.62 1.51 0.00	30.14 1.58 0.00	38.17 2.11 0.00	38.13 2.58 0.00	33.89 2.54 0.00	20.99 1.48 0.00	26.36 1.83 0.00	27.70 1.70 -4.45	23.32 0.98 -9.65	14.24 0.91 -0.69	17.43 1.21 0.98	22.55 1.46 0.52	31.12 1.84 -2.71	53.60 3.00 -6.67	69.14 2.44 -33.15	84.72 2.28 -52.18	60.32 2.72 -20.32	140.46 2.73 -100.46	96.53 2.94 -52.15	32.70 2.26 0.00	28.12 1.88 -0.64
GLENWOOD_IC_2_G1 23688	32.54 1.80 0.00	31.62 1.60 0.00	29.17 1.39 0.00	30.54 1.43 0.00	30.06 1.50 0.00	38.09 2.03 0.00	37.98 2.42 0.00	33.77 2.43 0.00	20.96 1.45 0.00	26.31 1.78 0.00	23.17 1.62 0.00	12.66 0.93 0.95	11.64 0.87 1.87	17.38 1.16 0.98	22.50 1.41 0.52	28.10 1.76 0.23	46.89 2.96 0.00	35.90 2.35 0.00	32.52 2.26 0.00	40.17 2.71 -0.19	43.49 2.69 -3.52	46.56 2.90 -2.22	32.60 2.16 0.00	28.05 1.82 -0.64
GLENWOOD_IC_3_G1 23689	32.54 1.80 0.00	31.62 1.60 0.00	29.17 1.39 0.00	30.54 1.43 0.00	30.06 1.50 0.00	38.09 2.03 0.00	37.98 2.42 0.00	33.77 2.43 0.00	20.96 1.45 0.00	26.31 1.78 0.00	23.17 1.62 0.00	12.66 0.93 0.95	11.64 0.87 1.87	17.38 1.16 0.98	22.50 1.41 0.52	28.10 1.76 0.23	46.89 2.96 0.00	35.90 2.35 0.00	32.52 2.26 0.00	40.17 2.71 -0.19	43.49 2.69 -3.52	46.56 2.90 -2.22	32.60 2.16 0.00	28.05 1.82 -0.64
GLENWOOD___4 23550	32.63 1.89 0.00	31.69 1.67 0.00	29.27 1.49 0.00	30.62 1.51 0.00	30.14 1.58 0.00	38.17 2.11 0.00	38.13 2.58 0.00	33.89 2.54 0.00	20.99 1.48 0.00	26.36 1.83 0.00	27.70 1.70 -4.45	23.32 0.98 -9.65	14.24 0.91 -0.69	17.43 1.21 0.98	22.55 1.46 0.52	31.12 1.84 -2.71	53.65 3.05 -6.67	69.14 2.44 -33.15	84.76 2.32 -52.18	60.37 2.76 -20.32	140.51 2.78 -100.46	96.58 2.99 -52.15	32.70 2.26 0.00	28.12 1.88 -0.64
GLENWOOD___5 23614	32.63 1.89 0.00	31.69 1.67 0.00	29.27 1.49 0.00	30.62 1.51 0.00	30.14 1.58 0.00	38.17 2.11 0.00	38.13 2.58 0.00	33.89 2.54 0.00	20.99 1.48 0.00	26.36 1.83 0.00	27.70 1.70 -4.45	23.32 0.98 -9.65	14.24 0.91 -0.69	17.43 1.21 0.98	22.55 1.46 0.52	31.12 1.84 -2.71	53.65 3.05 -6.67	69.14 2.44 -33.15	84.76 2.32 -52.18	60.37 2.76 -20.32	140.51 2.78 -100.46	96.58 2.99 -52.15	32.70 2.26 0.00	28.12 1.88 -0.64
GLOBAL GREEN_PORT_GT1 23814	32.79 2.05 0.00	31.73 1.71 0.00	29.44 1.65 0.00	30.74 1.63 0.00	30.34 1.78 0.00	38.66 2.60 0.00	39.66 4.10 0.00	35.12 3.77 0.00	21.14 1.63 0.00	26.55 2.02 0.00	24.78 1.76 -1.46	18.51 1.00 -4.82	10.51 0.61 2.73	16.79 0.57 0.98	-45.80 0.69 68.10	-68.44 1.09 96.10	-16.72 1.57 62.21	-4.56 1.21 39.33	47.55 1.80 -15.49	42.99 1.90 -3.80	43.65 2.15 -4.22	73.96 2.58 -29.94	32.44 2.00 0.00	27.48 1.25 -0.64
GLOBE___DSASP 323697	28.65 -2.09 0.00	27.82 -2.20 0.00	25.75 -2.04 0.00	26.88 -2.23 0.00	26.16 -2.39 0.00	32.86 -3.20 0.00	31.92 -3.64 0.00	28.32 -3.03 0.00	17.56 -1.74 0.21	22.39 -2.14 0.00	19.90 -1.66 0.00	11.78 -0.91 0.00	11.75 -0.88 0.00	15.91 -1.29 0.00	19.87 -1.74 0.00	24.40 -2.17 0.00	39.83 -4.10 0.00	27.25 -3.25 3.05	20.59 -3.28 6.38	33.34 -3.94 0.00	33.57 -3.71 0.00	37.97 -3.46 0.00	27.90 -2.54 0.00	23.15 -2.44 0.00
GOETHSLN___LBMP 323567	32.67 1.93 0.00	31.75 1.73 0.00	29.27 1.49 0.00	30.68 1.57 0.00	30.22 1.66 0.00	38.31 2.25 0.00	38.09 2.53 0.00	33.93 2.58 0.00	21.12 1.61 0.00	26.48 1.94 0.00	23.28 1.72 0.00	27.19 0.99 -13.51	40.07 0.94 -26.50	32.35 1.25 -13.90	30.51 1.53 -7.37	31.69 1.87 -3.25	47.07 3.14 -0.01	36.03 2.47 -0.01	32.65 2.39 0.00	40.16 2.88 0.00	40.17 2.89 0.00	44.56 3.12 0.00	32.73 2.29 0.00	41.44 2.01 -13.84
GOLAH___69_KV_TB 1_2 80279	29.94 -0.79 0.00	29.12 -0.90 0.00	26.92 -0.86 0.00	28.15 -0.97 0.00	27.49 -1.06 0.00	34.66 -1.40 0.00	34.05 -1.51 0.00	30.38 -0.96 0.00	19.00 -0.45 0.06	23.74 -0.80 0.00	20.95 -0.61 0.00	12.33 -0.36 0.00	12.29 -0.35 0.00	16.70 -0.50 0.00	20.88 -0.73 0.00	25.83 -0.74 0.00	42.37 -1.55 0.00	32.09 -1.46 0.00	28.35 -1.58 0.33	35.69 -1.59 0.00	35.89 -1.39 0.00	40.25 -1.19 0.00	29.49 -0.95 0.00	24.55 -1.04 0.00

GOODYEAR_LAKE_HYD 323669	32.01 1.28 0.00	31.25 1.23 0.00	28.84 1.05 0.00	30.20 1.09 0.00	29.56 1.00 0.00	37.31 1.24 0.00	36.82 1.26 0.00	32.39 1.04 0.00	20.14 0.63 0.00	25.25 0.72 0.00	22.21 0.65 0.00	13.08 0.39 0.00	13.00 0.37 0.00	17.69 0.49 0.00	22.30 0.69 0.00	27.36 0.79 0.00	45.18 1.25 0.00	34.46 0.91 0.00	31.11 0.85 0.00	38.38 1.10 0.00	38.44 1.17 0.00	42.81 1.37 0.00	31.34 0.90 0.00	26.29 0.70 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	31.17 0.44 0.00	30.31 0.29 0.00	27.97 0.18 0.00	29.27 0.17 0.00	28.62 0.07 0.00	36.09 0.03 0.00	35.55 -0.01 0.00	31.44 0.09 0.00	19.59 0.08 0.00	24.57 0.04 0.00	21.64 0.09 0.00	12.75 0.07 0.00	12.71 0.08 0.00	17.26 0.06 0.00	21.68 0.06 0.00	26.65 0.08 0.00	44.07 0.14 0.00	33.64 0.09 0.00	30.27 0.01 0.00	37.46 0.19 0.00	37.53 0.25 0.00	41.68 0.24 0.00	30.61 0.17 0.00	25.68 0.09 0.00
GOUDEY___7 23579	31.17 0.44 0.00	30.31 0.29 0.00	27.97 0.18 0.00	29.27 0.17 0.00	28.62 0.07 0.00	36.09 0.03 0.00	35.55 -0.01 0.00	31.44 0.09 0.00	19.59 0.08 0.00	24.57 0.04 0.00	21.64 0.09 0.00	12.75 0.07 0.00	12.71 0.08 0.00	17.26 0.06 0.00	21.68 0.06 0.00	26.65 0.08 0.00	44.07 0.14 0.00	33.64 0.09 0.00	30.27 0.01 0.00	37.46 0.19 0.00	37.53 0.25 0.00	41.68 0.24 0.00	30.61 0.17 0.00	25.68 0.09 0.00
GOUDEY___8 23580	31.17 0.44 0.00	30.31 0.29 0.00	27.97 0.18 0.00	29.27 0.17 0.00	28.62 0.07 0.00	36.09 0.03 0.00	35.55 -0.01 0.00	31.44 0.09 0.00	19.59 0.08 0.00	24.57 0.04 0.00	21.64 0.09 0.00	12.75 0.07 0.00	12.71 0.08 0.00	17.26 0.06 0.00	21.68 0.06 0.00	26.65 0.08 0.00	44.07 0.14 0.00	33.64 0.09 0.00	30.27 0.01 0.00	37.46 0.19 0.00	37.53 0.25 0.00	41.68 0.24 0.00	30.61 0.17 0.00	25.68 0.09 0.00
GOWANUS_GT1_1 24077	47.96 2.23 -14.99	47.99 2.03 -15.93	47.97 1.79 -18.39	47.43 1.90 -16.42	47.38 1.98 -16.84	47.75 2.61 -9.07	48.16 2.91 -9.69	46.24 2.94 -11.95	48.07 1.86 -26.71	44.73 2.27 -17.93	45.99 1.99 -22.45	44.71 1.12 -30.90	46.05 1.02 -32.41	44.07 1.38 -25.50	43.24 1.70 -19.93	42.65 2.14 -13.94	52.22 3.60 -4.69	44.79 2.91 -8.33	47.65 2.76 -14.63	47.90 3.32 -7.31	44.89 3.30 -4.31	50.21 3.57 -5.20	43.20 2.69 -10.08	54.50 2.26 -26.65
GOWANUS_GT1_2 24078	47.96 2.23 -14.99	47.99 2.03 -15.93	47.97 1.79 -18.39	47.43 1.90 -16.42	47.38 1.98 -16.84	47.75 2.61 -9.07	48.16 2.91 -9.69	46.24 2.94 -11.95	48.07 1.86 -26.71	44.73 2.27 -17.93	45.99 1.99 -22.45	44.71 1.12 -30.90	46.05 1.02 -32.41	44.07 1.38 -25.50	43.24 1.70 -19.93	42.65 2.14 -13.94	52.22 3.60 -4.69	44.79 2.91 -8.33	47.65 2.76 -14.63	47.90 3.32 -7.31	44.89 3.30 -4.31	50.21 3.57 -5.20	43.20 2.69 -10.08	54.50 2.26 -26.65
GOWANUS_GT1_3 24079	47.96 2.23 -14.99	47.99 2.03 -15.93	47.97 1.79 -18.39	47.43 1.90 -16.42	47.38 1.98 -16.84	47.75 2.61 -9.07	48.16 2.91 -9.69	46.24 2.94 -11.95	48.07 1.86 -26.71	44.73 2.27 -17.93	45.99 1.99 -22.45	44.71 1.12 -30.90	46.05 1.02 -32.41	44.07 1.38 -25.50	43.24 1.70 -19.93	42.65 2.14 -13.94	52.22 3.60 -4.69	44.79 2.91 -8.33	47.65 2.76 -14.63	47.90 3.32 -7.31	44.89 3.30 -4.31	50.21 3.57 -5.20	43.20 2.69 -10.08	54.50 2.26 -26.65
GOWANUS_GT1_4 24080	47.96 2.23 -14.99	47.99 2.03 -15.93	47.97 1.79 -18.39	47.43 1.90 -16.42	47.38 1.98 -16.84	47.75 2.61 -9.07	48.16 2.91 -9.69	46.24 2.94 -11.95	48.07 1.86 -26.71	44.73 2.27 -17.93	45.99 1.99 -22.45	44.71 1.12 -30.90	46.05 1.02 -32.41	44.07 1.38 -25.50	43.24 1.70 -19.93	42.65 2.14 -13.94	52.22 3.60 -4.69	44.79 2.91 -8.33	47.65 2.76 -14.63	47.90 3.32 -7.31	44.89 3.30 -4.31	50.21 3.57 -5.20	43.20 2.69 -10.08	54.50 2.26 -26.65
GOWANUS_GT1_5 24084	47.96 2.23 -14.99	47.99 2.03 -15.93	47.97 1.79 -18.39	47.43 1.90 -16.42	47.38 1.98 -16.84	47.75 2.61 -9.07	48.16 2.91 -9.69	46.24 2.94 -11.95	48.07 1.86 -26.71	44.73 2.27 -17.93	45.99 1.99 -22.45	44.71 1.12 -30.90	46.05 1.02 -32.41	44.07 1.38 -25.50	43.24 1.70 -19.93	42.65 2.14 -13.94	52.22 3.60 -4.69	44.79 2.91 -8.33	47.65 2.76 -14.63	47.90 3.32 -7.31	44.89 3.30 -4.31	50.21 3.57 -5.20	43.20 2.69 -10.08	54.50 2.26 -26.65
GOWANUS_GT1_6 24111	47.96 2.23 -14.99	47.99 2.03 -15.93	47.97 1.79 -18.39	47.43 1.90 -16.42	47.38 1.98 -16.84	47.75 2.61 -9.07	48.16 2.91 -9.69	46.24 2.94 -11.95	48.07 1.86 -26.71	44.73 2.27 -17.93	45.99 1.99 -22.45	44.71 1.12 -30.90	46.05 1.02 -32.41	44.07 1.38 -25.50	43.24 1.70 -19.93	42.65 2.14 -13.94	52.22 3.60 -4.69	44.79 2.91 -8.33	47.65 2.76 -14.63	47.90 3.32 -7.31	44.89 3.30 -4.31	50.21 3.57 -5.20	43.20 2.69 -10.08	54.50 2.26 -26.65
GOWANUS_GT1_7 24112	47.96 2.23 -14.99	47.99 2.03 -15.93	47.97 1.79 -18.39	47.43 1.90 -16.42	47.38 1.98 -16.84	47.75 2.61 -9.07	48.16 2.91 -9.69	46.24 2.94 -11.95	48.07 1.86 -26.71	44.73 2.27 -17.93	45.99 1.99 -22.45	44.71 1.12 -30.90	46.05 1.02 -32.41	44.07 1.38 -25.50	43.24 1.70 -19.93	42.65 2.14 -13.94	52.22 3.60 -4.69	44.79 2.91 -8.33	47.65 2.76 -14.63	47.90 3.32 -7.31	44.89 3.30 -4.31	50.21 3.57 -5.20	43.20 2.69 -10.08	54.50 2.26 -26.65
GOWANUS_GT1_8 24113	47.96 2.23 -14.99	47.99 2.03 -15.93	47.97 1.79 -18.39	47.43 1.90 -16.42	47.38 1.98 -16.84	47.75 2.61 -9.07	48.16 2.91 -9.69	46.24 2.94 -11.95	48.07 1.86 -26.71	44.73 2.27 -17.93	45.99 1.99 -22.45	44.71 1.12 -30.90	46.05 1.02 -32.41	44.07 1.38 -25.50	43.24 1.70 -19.93	42.65 2.14 -13.94	52.22 3.60 -4.69	44.79 2.91 -8.33	47.65 2.76 -14.63	47.90 3.32 -7.31	44.89 3.30 -4.31	50.21 3.57 -5.20	43.20 2.69 -10.08	54.50 2.26 -26.65
GOWANUS_GT2_1 24114	47.97 2.24 -14.99	48.00 2.05 -15.93	47.97 1.79 -18.39	47.42 1.90 -16.42	47.38 1.98 -16.84	47.75 2.61 -9.07	48.16 2.91 -9.69	46.24 2.95 -11.95	48.07 1.85 -26.71	44.74 2.27 -17.93	46.00 2.00 -22.45	44.71 1.12 -30.90	46.05 1.01 -32.41	44.06 1.37 -25.50	43.23 1.69 -19.93	42.64 2.13 -13.94	52.23 3.61 -4.69	44.81 2.92 -8.33	47.64 2.76 -14.63	47.91 3.33 -7.31	44.90 3.31 -4.31	50.23 3.58 -5.20	43.22 2.71 -10.08	54.51 2.27 -26.65
GOWANUS_GT2_2 24115	47.97 2.24 -14.99	48.00 2.05 -15.93	47.97 1.79 -18.39	47.42 1.90 -16.42	47.38 1.98 -16.84	47.75 2.61 -9.07	48.16 2.91 -9.69	46.24 2.95 -11.95	48.07 1.85 -26.71	44.74 2.27 -17.93	46.00 2.00 -22.45	44.71 1.12 -30.90	46.05 1.01 -32.41	44.06 1.37 -25.50	43.23 1.69 -19.93	42.64 2.13 -13.94	52.23 3.61 -4.69	44.81 2.92 -8.33	47.64 2.76 -14.63	47.91 3.33 -7.31	44.90 3.31 -4.31	50.23 3.58 -5.20	43.22 2.71 -10.08	54.51 2.27 -26.65
GOWANUS_GT2_3 24116	47.97 2.24 -14.99	48.00 2.05 -15.93	47.97 1.79 -18.39	47.42 1.90 -16.42	47.38 1.98 -16.84	47.75 2.61 -9.07	48.16 2.91 -9.69	46.24 2.95 -11.95	48.07 1.85 -26.71	44.74 2.27 -17.93	46.00 2.00 -22.45	44.71 1.12 -30.90	46.05 1.01 -32.41	44.06 1.37 -25.50	43.23 1.69 -19.93	42.64 2.13 -13.94	52.23 3.61 -4.69	44.81 2.92 -8.33	47.64 2.76 -14.63	47.91 3.33 -7.31	44.90 3.31 -4.31	50.23 3.58 -5.20	43.22 2.71 -10.08	54.51 2.27 -26.65

GOWANUS_GT2_4 24117	47.97 2.24 -14.99	48.00 2.05 -15.93	47.97 1.79 -18.39	47.42 1.90 -16.42	47.38 1.98 -16.84	47.75 2.61 -9.07	48.16 2.91 -9.69	46.24 2.95 -11.95	48.07 1.85 -26.71	44.74 2.27 -17.93	46.00 2.00 -22.45	44.71 1.12 -30.90	46.05 1.01 -32.41	44.06 1.37 -25.50	43.23 1.69 -19.93	42.64 2.13 -13.94	52.23 3.61 -4.69	44.81 2.92 -8.33	47.64 2.76 -14.63	47.91 3.33 -7.31	44.90 3.31 -4.31	50.23 3.58 -5.20	43.22 2.71 -10.08	54.51 2.27 -26.65
GOWANUS_GT2_5 24118	47.97 2.24 -14.99	48.00 2.05 -15.93	47.97 1.79 -18.39	47.42 1.90 -16.42	47.38 1.98 -16.84	47.75 2.61 -9.07	48.16 2.91 -9.69	46.24 2.95 -11.95	48.07 1.85 -26.71	44.74 2.27 -17.93	46.00 2.00 -22.45	44.71 1.12 -30.90	46.05 1.01 -32.41	44.06 1.37 -25.50	43.23 1.69 -19.93	42.64 2.13 -13.94	52.23 3.61 -4.69	44.81 2.92 -8.33	47.64 2.76 -14.63	47.91 3.33 -7.31	44.90 3.31 -4.31	50.23 3.58 -5.20	43.22 2.71 -10.08	54.51 2.27 -26.65
GOWANUS_GT2_6 24119	47.97 2.24 -14.99	48.00 2.05 -15.93	47.97 1.79 -18.39	47.42 1.90 -16.42	47.38 1.98 -16.84	47.75 2.61 -9.07	48.16 2.91 -9.69	46.24 2.95 -11.95	48.07 1.85 -26.71	44.74 2.27 -17.93	46.00 2.00 -22.45	44.71 1.12 -30.90	46.05 1.01 -32.41	44.06 1.37 -25.50	43.23 1.69 -19.93	42.64 2.13 -13.94	52.23 3.61 -4.69	44.81 2.92 -8.33	47.64 2.76 -14.63	47.91 3.33 -7.31	44.90 3.31 -4.31	50.23 3.58 -5.20	43.22 2.71 -10.08	54.51 2.27 -26.65
GOWANUS_GT2_7 24120	47.97 2.24 -14.99	48.00 2.05 -15.93	47.97 1.79 -18.39	47.42 1.90 -16.42	47.38 1.98 -16.84	47.75 2.61 -9.07	48.16 2.91 -9.69	46.24 2.95 -11.95	48.07 1.85 -26.71	44.74 2.27 -17.93	46.00 2.00 -22.45	44.71 1.12 -30.90	46.05 1.01 -32.41	44.06 1.37 -25.50	43.23 1.69 -19.93	42.64 2.13 -13.94	52.23 3.61 -4.69	44.81 2.92 -8.33	47.64 2.76 -14.63	47.91 3.33 -7.31	44.90 3.31 -4.31	50.23 3.58 -5.20	43.22 2.71 -10.08	54.51 2.27 -26.65
GOWANUS_GT2_8 24121	47.97 2.24 -14.99	48.00 2.05 -15.93	47.97 1.79 -18.39	47.42 1.90 -16.42	47.38 1.98 -16.84	47.75 2.61 -9.07	48.16 2.91 -9.69	46.24 2.95 -11.95	48.07 1.85 -26.71	44.74 2.27 -17.93	46.00 2.00 -22.45	44.71 1.12 -30.90	46.05 1.01 -32.41	44.06 1.37 -25.50	43.23 1.69 -19.93	42.64 2.13 -13.94	52.23 3.61 -4.69	44.81 2.92 -8.33	47.64 2.76 -14.63	47.91 3.33 -7.31	44.90 3.31 -4.31	50.23 3.58 -5.20	43.22 2.71 -10.08	54.51 2.27 -26.65
GOWANUS_GT3_1 24122	47.96 2.23 -14.99	47.99 2.04 -15.93	47.97 1.79 -18.39	47.42 1.90 -16.42	47.38 1.98 -16.84	47.75 2.61 -9.07	48.16 2.91 -9.69	46.24 2.95 -11.95	48.07 1.85 -26.71	44.74 2.27 -17.93	46.00 1.99 -22.45	44.71 1.12 -30.90	46.04 1.01 -32.41	44.06 1.36 -25.50	43.23 1.69 -19.93	42.64 2.13 -13.94	52.21 3.60 -4.69	44.79 2.91 -8.33	47.64 2.76 -14.63	47.91 3.32 -7.31	44.90 3.31 -4.31	50.22 3.57 -5.20	43.21 2.70 -10.08	54.50 2.26 -26.65
GOWANUS_GT3_2 24123	47.96 2.23 -14.99	47.99 2.04 -15.93	47.97 1.79 -18.39	47.42 1.90 -16.42	47.38 1.98 -16.84	47.75 2.61 -9.07	48.16 2.91 -9.69	46.24 2.95 -11.95	48.07 1.85 -26.71	44.74 2.27 -17.93	46.00 1.99 -22.45	44.71 1.12 -30.90	46.04 1.01 -32.41	44.06 1.36 -25.50	43.23 1.69 -19.93	42.64 2.13 -13.94	52.21 3.60 -4.69	44.79 2.91 -8.33	47.64 2.76 -14.63	47.91 3.32 -7.31	44.90 3.31 -4.31	50.22 3.57 -5.20	43.21 2.70 -10.08	54.50 2.26 -26.65
GOWANUS_GT3_3 24124	47.96 2.23 -14.99	47.99 2.04 -15.93	47.97 1.79 -18.39	47.42 1.90 -16.42	47.38 1.98 -16.84	47.75 2.61 -9.07	48.16 2.91 -9.69	46.24 2.95 -11.95	48.07 1.85 -26.71	44.74 2.27 -17.93	46.00 1.99 -22.45	44.71 1.12 -30.90	46.04 1.01 -32.41	44.06 1.36 -25.50	43.23 1.69 -19.93	42.64 2.13 -13.94	52.21 3.60 -4.69	44.79 2.91 -8.33	47.64 2.76 -14.63	47.91 3.32 -7.31	44.90 3.31 -4.31	50.22 3.57 -5.20	43.21 2.70 -10.08	54.50 2.26 -26.65
GOWANUS_GT3_4 24125	47.96 2.23 -14.99	47.99 2.04 -15.93	47.97 1.79 -18.39	47.42 1.90 -16.42	47.38 1.98 -16.84	47.75 2.61 -9.07	48.16 2.91 -9.69	46.24 2.95 -11.95	48.07 1.85 -26.71	44.74 2.27 -17.93	46.00 1.99 -22.45	44.71 1.12 -30.90	46.04 1.01 -32.41	44.06 1.36 -25.50	43.23 1.69 -19.93	42.64 2.13 -13.94	52.21 3.60 -4.69	44.79 2.91 -8.33	47.64 2.76 -14.63	47.91 3.32 -7.31	44.90 3.31 -4.31	50.22 3.57 -5.20	43.21 2.70 -10.08	54.50 2.26 -26.65
GOWANUS_GT3_5 24126	47.96 2.23 -14.99	47.99 2.04 -15.93	47.97 1.79 -18.39	47.42 1.90 -16.42	47.38 1.98 -16.84	47.75 2.61 -9.07	48.16 2.91 -9.69	46.24 2.95 -11.95	48.07 1.85 -26.71	44.74 2.27 -17.93	46.00 1.99 -22.45	44.71 1.12 -30.90	46.04 1.01 -32.41	44.06 1.36 -25.50	43.23 1.69 -19.93	42.64 2.13 -13.94	52.21 3.60 -4.69	44.79 2.91 -8.33	47.64 2.76 -14.63	47.91 3.32 -7.31	44.90 3.31 -4.31	50.22 3.57 -5.20	43.21 2.70 -10.08	54.50 2.26 -26.65
GOWANUS_GT3_6 24127	47.96 2.23 -14.99	47.99 2.04 -15.93	47.97 1.79 -18.39	47.42 1.90 -16.42	47.38 1.98 -16.84	47.75 2.61 -9.07	48.16 2.91 -9.69	46.24 2.95 -11.95	48.07 1.85 -26.71	44.74 2.27 -17.93	46.00 1.99 -22.45	44.71 1.12 -30.90	46.04 1.01 -32.41	44.06 1.36 -25.50	43.23 1.69 -19.93	42.64 2.13 -13.94	52.21 3.60 -4.69	44.79 2.91 -8.33	47.64 2.76 -14.63	47.91 3.32 -7.31	44.90 3.31 -4.31	50.22 3.57 -5.20	43.21 2.70 -10.08	54.50 2.26 -26.65
GOWANUS_GT3_7 24128	47.96 2.23 -14.99	47.99 2.04 -15.93	47.97 1.79 -18.39	47.42 1.90 -16.42	47.38 1.98 -16.84	47.75 2.61 -9.07	48.16 2.91 -9.69	46.24 2.95 -11.95	48.07 1.85 -26.71	44.74 2.27 -17.93	46.00 1.99 -22.45	44.71 1.12 -30.90	46.04 1.01 -32.41	44.06 1.36 -25.50	43.23 1.69 -19.93	42.64 2.13 -13.94	52.21 3.60 -4.69	44.79 2.91 -8.33	47.64 2.76 -14.63	47.91 3.32 -7.31	44.90 3.31 -4.31	50.22 3.57 -5.20	43.21 2.70 -10.08	54.50 2.26 -26.65
GOWANUS_GT3_8 24129	47.96 2.23 -14.99	47.99 2.04 -15.93	47.97 1.79 -18.39	47.42 1.90 -16.42	47.38 1.98 -16.84	47.75 2.61 -9.07	48.16 2.91 -9.69	46.24 2.95 -11.95	48.07 1.85 -26.71	44.74 2.27 -17.93	46.00 1.99 -22.45	44.71 1.12 -30.90	46.04 1.01 -32.41	44.06 1.36 -25.50	43.23 1.69 -19.93	42.64 2.13 -13.94	52.21 3.60 -4.69	44.79 2.91 -8.33	47.64 2.76 -14.63	47.91 3.32 -7.31	44.90 3.31 -4.31	50.22 3.57 -5.20	43.21 2.70 -10.08	54.50 2.26 -26.65
GOWANUS_GT4_1 24130	47.97 2.24 -14.99	48.00 2.04 -15.93	47.97 1.79 -18.39	47.43 1.90 -16.42	47.38 1.98 -16.84	47.75 2.61 -9.07	48.16 2.91 -9.69	46.24 2.94 -11.95	48.07 1.86 -26.71	44.73 2.27 -17.93	45.99 1.99 -22.45	44.71 1.12 -30.90	46.06 1.02 -32.41	44.07 1.38 -25.50	43.25 1.70 -19.93	42.65 2.14 -13.94	52.23 3.61 -4.69	44.80 2.92 -8.33	47.65 2.76 -14.63	47.91 3.32 -7.31	44.90 3.31 -4.31	50.22 3.58 -5.20	43.21 2.70 -10.08	54.51 2.27 -26.65
GOWANUS_GT4_2 24131	47.97 2.24 -14.99	48.00 2.04 -15.93	47.97 1.79 -18.39	47.43 1.90 -16.42	47.38 1.98 -16.84	47.75 2.61 -9.07	48.16 2.91 -9.69	46.24 2.94 -11.95	48.07 1.86 -26.71	44.73 2.27 -17.93	45.99 1.99 -22.45	44.71 1.12 -30.90	46.06 1.02 -32.41	44.07 1.38 -25.50	43.25 1.70 -19.93	42.65 2.14 -13.94	52.23 3.61 -4.69	44.80 2.92 -8.33	47.65 2.76 -14.63	47.91 3.32 -7.31	44.90 3.31 -4.31	50.22 3.58 -5.20	43.21 2.70 -10.08	54.51 2.27 -26.65

GOWANUS_GT4_3 24132	47.97 2.24 -14.99	48.00 2.04 -15.93	47.97 1.79 -18.39	47.43 1.90 -16.42	47.38 1.98 -16.84	47.75 2.61 -9.07	48.16 2.91 -9.69	46.24 2.94 -11.95	48.07 1.86 -26.71	44.73 2.27 -17.93	45.99 1.99 -22.45	44.71 1.12 -30.90	46.06 1.02 -32.41	44.07 1.38 -25.50	43.25 1.70 -19.93	42.65 2.14 -13.94	52.23 3.61 -4.69	44.80 2.92 -8.33	47.65 2.76 -14.63	47.91 3.32 -7.31	44.90 3.31 -4.31	50.22 3.58 -5.20	43.21 2.70 -10.08	54.51 2.27 -26.65
GOWANUS_GT4_4 24133	47.97 2.24 -14.99	48.00 2.04 -15.93	47.97 1.79 -18.39	47.43 1.90 -16.42	47.38 1.98 -16.84	47.75 2.61 -9.07	48.16 2.91 -9.69	46.24 2.94 -11.95	48.07 1.86 -26.71	44.73 2.27 -17.93	45.99 1.99 -22.45	44.71 1.12 -30.90	46.06 1.02 -32.41	44.07 1.38 -25.50	43.25 1.70 -19.93	42.65 2.14 -13.94	52.23 3.61 -4.69	44.80 2.92 -8.33	47.65 2.76 -14.63	47.91 3.32 -7.31	44.90 3.31 -4.31	50.22 3.58 -5.20	43.21 2.70 -10.08	54.51 2.27 -26.65
GOWANUS_GT4_5 24134	47.97 2.24 -14.99	48.00 2.04 -15.93	47.97 1.79 -18.39	47.43 1.90 -16.42	47.38 1.98 -16.84	47.75 2.61 -9.07	48.16 2.91 -9.69	46.24 2.94 -11.95	48.07 1.86 -26.71	44.73 2.27 -17.93	45.99 1.99 -22.45	44.71 1.12 -30.90	46.06 1.02 -32.41	44.07 1.38 -25.50	43.25 1.70 -19.93	42.65 2.14 -13.94	52.23 3.61 -4.69	44.80 2.92 -8.33	47.65 2.76 -14.63	47.91 3.32 -7.31	44.90 3.31 -4.31	50.22 3.58 -5.20	43.21 2.70 -10.08	54.51 2.27 -26.65
GOWANUS_GT4_6 24135	47.97 2.24 -14.99	48.00 2.04 -15.93	47.97 1.79 -18.39	47.43 1.90 -16.42	47.38 1.98 -16.84	47.75 2.61 -9.07	48.16 2.91 -9.69	46.24 2.94 -11.95	48.07 1.86 -26.71	44.73 2.27 -17.93	45.99 1.99 -22.45	44.71 1.12 -30.90	46.06 1.02 -32.41	44.07 1.38 -25.50	43.25 1.70 -19.93	42.65 2.14 -13.94	52.23 3.61 -4.69	44.80 2.92 -8.33	47.65 2.76 -14.63	47.91 3.32 -7.31	44.90 3.31 -4.31	50.22 3.58 -5.20	43.21 2.70 -10.08	54.51 2.27 -26.65
GOWANUS_GT4_7 24136	47.97 2.24 -14.99	48.00 2.04 -15.93	47.97 1.79 -18.39	47.43 1.90 -16.42	47.38 1.98 -16.84	47.75 2.61 -9.07	48.16 2.91 -9.69	46.24 2.94 -11.95	48.07 1.86 -26.71	44.73 2.27 -17.93	45.99 1.99 -22.45	44.71 1.12 -30.90	46.06 1.02 -32.41	44.07 1.38 -25.50	43.25 1.70 -19.93	42.65 2.14 -13.94	52.23 3.61 -4.69	44.80 2.92 -8.33	47.65 2.76 -14.63	47.91 3.32 -7.31	44.90 3.31 -4.31	50.22 3.58 -5.20	43.21 2.70 -10.08	54.51 2.27 -26.65
GOWANUS_GT4_8 24137	47.97 2.24 -14.99	48.00 2.04 -15.93	47.97 1.79 -18.39	47.43 1.90 -16.42	47.38 1.98 -16.84	47.75 2.61 -9.07	48.16 2.91 -9.69	46.24 2.94 -11.95	48.07 1.86 -26.71	44.73 2.27 -17.93	45.99 1.99 -22.45	44.71 1.12 -30.90	46.06 1.02 -32.41	44.07 1.38 -25.50	43.25 1.70 -19.93	42.65 2.14 -13.94	52.23 3.61 -4.69	44.80 2.92 -8.33	47.65 2.76 -14.63	47.91 3.32 -7.31	44.90 3.31 -4.31	50.22 3.58 -5.20	43.21 2.70 -10.08	54.51 2.27 -26.65
GREENBSH_115KV_TB3 55895	31.22 0.49 0.00	30.42 0.39 0.00	28.09 0.31 0.00	29.46 0.36 0.00	28.98 0.42 0.00	36.62 0.56 0.00	36.39 0.83 0.00	32.14 0.79 0.00	19.99 0.49 0.00	25.08 0.54 0.00	21.94 0.38 0.00	12.89 0.20 0.00	12.83 0.20 0.00	17.50 0.30 0.00	22.01 0.39 0.00	27.06 0.49 0.00	44.71 0.78 0.00	34.32 0.77 0.00	31.05 0.79 0.00	38.05 0.78 0.00	38.07 0.80 0.00	42.23 0.79 0.00	31.10 0.66 0.00	26.23 0.64 0.00
GREENDGE_115KV_TB5 80291	30.90 0.17 0.00	29.95 -0.07 0.00	27.62 -0.16 0.00	28.82 -0.30 0.00	28.14 -0.42 0.00	35.45 -0.61 0.00	34.84 -0.72 0.00	30.84 -0.51 0.00	19.56 -0.31 -0.36	23.98 -0.56 0.00	21.10 -0.46 0.00	12.44 -0.25 0.00	12.45 -0.18 0.00	16.96 -0.24 0.00	21.24 -0.37 0.00	25.99 -0.58 0.00	43.03 -0.90 0.00	38.46 -0.64 -5.55	41.02 -0.82 -11.59	36.76 -0.51 0.00	36.97 -0.31 0.00	41.14 -0.30 0.00	30.15 -0.29 0.00	25.13 -0.46 0.00
GREENIDGE___3 23582	30.90 0.17 0.00	29.95 -0.07 0.00	27.62 -0.16 0.00	28.82 -0.30 0.00	28.14 -0.42 0.00	35.45 -0.61 0.00	34.84 -0.72 0.00	30.84 -0.51 0.00	19.56 -0.31 -0.36	23.98 -0.56 0.00	21.10 -0.46 0.00	12.44 -0.25 0.00	12.45 -0.18 0.00	16.96 -0.24 0.00	21.24 -0.37 0.00	25.99 -0.58 0.00	43.03 -0.90 0.00	38.46 -0.64 -5.55	41.02 -0.82 -11.59	36.76 -0.51 0.00	36.97 -0.31 0.00	41.14 -0.30 0.00	30.15 -0.29 0.00	25.13 -0.46 0.00
GREENIDGE___4 23583	30.90 0.17 0.00	29.96 -0.06 0.00	27.62 -0.16 0.00	28.82 -0.30 0.00	28.14 -0.42 0.00	35.45 -0.61 0.00	34.84 -0.72 0.00	30.84 -0.51 0.00	19.56 -0.31 -0.36	23.98 -0.56 0.00	21.10 -0.46 0.00	12.45 -0.24 0.00	12.45 -0.18 0.00	16.95 -0.25 0.00	21.24 -0.37 0.00	25.99 -0.58 0.00	43.03 -0.90 0.00	38.46 -0.64 -5.55	41.03 -0.82 -11.59	36.77 -0.51 0.00	36.97 -0.31 0.00	41.13 -0.31 0.00	30.15 -0.29 0.00	25.14 -0.45 0.00
GREENLWN_69_KV_BK 3 55738	32.36 1.62 0.00	31.43 1.41 0.00	29.13 1.35 0.00	30.41 1.30 0.00	29.89 1.34 0.00	37.75 1.69 0.00	37.93 2.37 0.00	33.67 2.32 0.00	20.70 1.19 0.00	26.02 1.49 -1.60	24.60 1.45 -5.03	18.56 0.85 2.57	10.81 0.74 0.98	17.17 0.95 0.52	22.18 1.09 0.52	28.58 1.44 -0.57	49.71 2.57 -3.21	43.25 1.94 -7.76	49.02 1.99 -16.77	44.15 2.33 -4.54	46.95 2.37 -7.30	74.69 2.59 -30.66	32.51 2.07 0.00	27.85 1.62 -0.64
GREENWD_138_KV_38B11_REV_LBMP_J 345004	47.97 2.24 -14.99	48.00 2.04 -15.93	47.97 1.79 -18.39	47.43 1.90 -16.42	47.38 1.98 -16.84	47.75 2.61 -9.07	48.16 2.91 -9.69	46.24 2.94 -11.95	48.07 1.86 -26.71	44.73 2.27 -17.93	45.99 1.99 -22.45	44.71 1.12 -30.90	46.06 1.02 -32.41	44.07 1.38 -25.50	43.25 1.70 -19.93	42.65 2.14 -13.94	52.23 3.61 -4.69	44.80 2.92 -8.33	47.65 2.76 -14.63	47.91 3.32 -7.31	44.90 3.31 -4.31	50.22 3.58 -5.20	43.21 2.70 -10.08	54.51 2.27 -26.65
GRISSOM___SOLAR 323813	32.42 1.69 0.00	31.68 1.66 0.00	29.28 1.49 0.00	30.68 1.57 0.00	30.10 1.54 0.00	38.06 2.00 0.00	37.49 1.93 0.00	32.56 1.22 0.00	19.82 0.31 0.00	24.55 0.01 0.00	21.45 -0.10 0.00	12.63 -0.06 0.00	12.60 -0.03 0.00	17.19 -0.01 0.00	22.01 0.39 0.00	27.39 0.83 0.00	45.99 2.07 0.00	35.14 1.59 0.00	31.71 1.45 0.00	39.28 2.00 0.00	39.31 2.03 0.00	43.76 2.32 0.00	32.04 1.61 0.00	26.88 1.29 0.00
GROVEVILLE___HYD 323602	32.44 1.70 0.00	31.54 1.52 0.00	29.06 1.28 0.00	30.46 1.35 0.00	29.98 1.42 0.00	38.00 1.94 0.00	37.82 2.26 0.00	33.65 2.30 0.00	20.92 1.41 0.00	26.23 1.70 0.00	23.01 1.46 0.00	13.51 0.82 0.00	13.41 0.78 0.00	18.23 1.03 0.00	22.91 1.30 0.00	28.17 1.60 0.00	46.71 2.78 0.00	35.80 2.25 0.00	32.44 2.18 0.00	39.93 2.65 0.00	39.95 2.67 0.00	44.30 2.86 0.00	32.50 2.06 0.00	27.38 1.76 -0.02
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	30.60 -0.13 0.00	29.85 -0.17 0.00	27.58 -0.21 0.00	28.87 -0.24 0.00	28.29 -0.26 0.00	35.76 -0.30 0.00	35.29 -0.27 0.00	31.13 -0.21 0.00	19.36 -0.14 0.00	24.25 -0.28 0.00	21.34 -0.21 0.00	12.57 -0.11 0.00	12.53 -0.10 0.00	17.08 -0.12 0.00	21.55 -0.06 0.00	26.47 -0.10 0.00	43.71 -0.22 0.00	33.34 -0.21 0.00	30.01 -0.25 0.00	37.10 -0.17 0.00	37.18 -0.10 0.00	41.28 -0.16 0.00	30.22 -0.22 0.00	25.34 -0.25 0.00

HAMLTNNY_34_KV_TB 80303	30.78 0.04 0.00	30.09 0.06 0.00	27.78 -0.01 0.00	29.08 -0.03 0.00	28.50 -0.06 0.00	36.06 -0.01 0.00	35.61 0.05 0.00	31.40 0.05 0.00	19.50 -0.01 0.00	24.37 -0.16 0.00	21.40 -0.15 0.00	12.62 -0.07 0.00	12.57 -0.06 0.00	17.16 -0.04 0.00	21.65 0.04 0.00	26.59 0.02 0.00	43.91 -0.01 0.00	33.51 -0.04 0.00	30.15 -0.10 0.00	37.39 0.12 0.00	37.48 0.20 0.00	41.61 0.17 0.00	30.40 -0.04 0.00	25.50 -0.09 0.00
HAMPSHIRE___PAPER_HYD 323593	30.23 -0.51 0.00	29.78 -0.24 0.00	27.84 0.05 0.00	29.17 0.06 0.00	28.57 0.01 0.00	36.00 -0.06 0.00	35.17 -0.38 0.00	30.80 -0.55 0.00	19.02 -0.49 0.00	24.01 -0.53 0.00	21.00 -0.56 0.00	12.37 -0.32 0.00	12.23 -0.40 0.00	16.65 -0.55 0.00	20.89 -0.72 0.00	25.87 -0.70 0.00	42.87 -1.05 0.00	32.91 -0.64 0.00	29.70 -0.56 0.00	36.49 -0.78 0.00	37.48 -0.84 -1.04	40.33 -1.11 0.00	30.05 -0.89 -0.49	24.79 -0.81 0.00
HARDSCRABBLE_WT_PWR 323673	31.04 0.30 0.00	30.21 0.19 0.00	27.93 0.15 0.00	29.29 0.18 0.00	28.81 0.25 0.00	36.39 0.33 0.00	35.96 0.40 0.00	31.35 0.00 0.00	19.33 -0.18 0.00	24.05 -0.48 0.00	20.96 -0.60 0.00	12.30 -0.39 0.00	12.26 -0.37 0.00	16.67 -0.53 0.00	21.28 -0.33 0.00	26.32 -0.25 0.00	43.83 -0.10 0.00	33.74 0.19 0.00	30.44 0.18 0.00	37.48 0.20 0.00	37.55 0.28 0.00	41.71 0.27 0.00	30.70 0.27 0.00	25.77 0.18 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	32.18 1.45 0.00	31.26 1.24 0.00	28.77 0.99 0.00	30.15 1.05 0.00	29.69 1.13 0.00	37.63 1.57 0.00	37.40 1.84 0.00	33.32 1.97 0.00	20.72 1.21 0.00	25.96 1.42 0.00	22.79 1.24 0.00	13.40 0.71 0.00	13.31 0.68 0.00	18.10 0.90 0.00	22.72 1.11 0.00	27.95 1.38 0.00	46.33 2.41 0.00	35.50 1.95 0.00	32.18 1.92 0.00	39.63 2.36 0.00	39.67 2.39 0.00	43.98 2.54 0.00	32.25 1.81 0.00	27.03 1.55 0.11
HARSNRAD_115KV_TB1 81005	28.96 -1.78 0.00	28.09 -1.93 0.00	25.97 -1.81 0.00	27.10 -2.01 0.00	26.39 -2.16 0.00	33.17 -2.89 0.00	32.40 -3.16 0.00	28.80 -2.54 0.00	17.90 -1.39 0.21	22.80 -1.73 0.00	20.24 -1.32 0.00	11.97 -0.72 0.00	11.90 -0.73 0.00	16.08 -1.11 0.00	20.06 -1.55 0.00	24.79 -1.78 0.00	40.51 -3.41 0.00	27.66 -2.82 3.06	20.96 -2.88 6.41	33.93 -3.34 0.00	34.21 -3.07 0.00	38.66 -2.78 0.00	28.35 -2.09 0.00	23.52 -2.07 0.00
HARZA MOOSE___RIVER 24016	31.00 0.26 0.00	30.44 0.42 0.00	28.30 0.52 0.00	29.66 0.55 0.00	29.04 0.48 0.00	36.62 0.56 0.00	35.88 0.33 0.00	31.47 0.12 0.00	19.45 -0.06 0.00	24.51 -0.02 0.00	21.38 -0.18 0.00	12.59 -0.10 0.00	12.39 -0.24 0.00	16.87 -0.33 0.00	21.26 -0.35 0.00	26.40 -0.17 0.00	43.72 -0.21 0.00	33.63 0.08 0.00	30.34 0.08 0.00	37.29 0.01 0.00	37.62 0.05 -0.30	41.25 -0.19 0.00	30.23 -0.35 -0.14	25.28 -0.31 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	30.43 -0.30 0.00	29.65 -0.37 0.00	27.41 -0.38 0.00	28.70 -0.41 0.00	28.12 -0.43 0.00	35.51 -0.55 0.00	35.05 -0.51 0.00	30.94 -0.40 0.00	19.25 -0.25 0.00	24.14 -0.39 0.00	21.25 -0.30 0.00	12.52 -0.16 0.00	12.48 -0.15 0.00	17.01 -0.19 0.00	21.57 -0.05 0.00	26.53 -0.04 0.00	43.75 -0.17 0.00	33.37 -0.17 0.00	30.02 -0.23 0.00	37.12 -0.16 0.00	37.20 -0.08 0.00	41.17 -0.27 0.00	30.05 -0.40 0.00	25.20 -0.40 0.00
HELLGATE_13_KV_LD 55870	32.99 2.24 -0.01	32.10 2.07 -0.01	29.58 1.79 0.00	30.98 1.87 0.00	30.50 1.94 0.00	38.65 2.59 0.00	38.45 2.89 0.00	34.25 2.90 0.00	21.33 1.82 -0.01	26.77 2.23 -0.01	24.06 1.97 -0.53	30.78 1.12 -16.98	45.94 1.03 -32.28	35.52 1.39 -16.93	32.31 1.73 -8.98	32.65 2.13 -3.96	47.51 3.58 -0.01	36.42 2.86 -0.01	32.97 2.71 0.00	40.53 3.25 0.00	40.55 3.27 0.00	44.97 3.53 0.00	33.08 2.64 0.00	41.70 2.26 -13.84
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	32.99 2.24 -0.01	32.10 2.07 -0.01	29.58 1.79 0.00	30.98 1.87 0.00	30.50 1.94 0.00	38.65 2.59 0.00	38.45 2.89 0.00	34.25 2.90 0.00	21.33 1.82 -0.01	26.77 2.23 -0.01	24.06 1.97 -0.53	30.78 1.12 -16.98	45.94 1.03 -32.28	35.52 1.39 -16.93	32.31 1.73 -8.98	32.65 2.13 -3.96	47.51 3.58 -0.01	36.42 2.86 -0.01	32.97 2.71 0.00	40.53 3.25 0.00	40.55 3.27 0.00	44.97 3.53 0.00	33.08 2.64 0.00	41.70 2.26 -13.84
HEMPSTEAD____ 23647	32.43 1.70 0.00	31.50 1.47 0.00	29.14 1.35 0.00	30.45 1.34 0.00	29.96 1.40 0.00	37.92 1.86 0.00	38.00 2.45 0.00	33.73 2.39 0.00	20.81 1.30 0.00	26.15 1.62 -4.46	27.54 1.53 -9.33	22.90 0.88 -0.95	14.39 0.81 0.98	17.28 1.06 0.52	22.34 1.25 -2.76	30.96 1.63 -6.43	53.15 2.79 -32.68	68.38 2.15 -50.20	82.56 2.09 -20.10	59.89 2.50 -93.10	132.89 2.51 -45.03	89.19 2.72 -45.03	32.54 2.09 0.00	27.95 1.71 -0.64
HEWLETT_69_KV_BK3 55828	32.73 1.99 0.00	31.78 1.76 0.00	29.41 1.63 0.00	30.70 1.59 0.00	30.22 1.66 0.00	38.25 2.18 0.00	38.33 2.78 0.00	33.98 2.64 0.00	20.95 1.44 0.00	26.34 1.81 -10.60	33.87 1.72 -17.24	30.93 1.00 -9.52	23.07 0.92 0.98	17.44 1.22 0.52	22.53 1.44 -7.63	36.10 1.90 -14.08	61.26 3.26 -99.05	135.09 2.50 -119.07	151.75 2.42 -62.46	102.62 2.88 -255.33	295.53 2.92 -49.70	94.28 3.14 0.00	32.86 2.42 0.00	28.17 1.94 -0.64
HICKLING___1 23621	31.20 0.47 0.00	30.16 0.14 0.00	27.77 -0.02 0.00	28.96 -0.15 0.00	28.25 -0.31 0.00	35.51 -0.55 0.00	34.76 -0.79 0.00	30.86 -0.48 0.00	19.38 -0.24 -0.11	24.12 -0.41 0.00	21.31 -0.25 0.00	12.57 -0.12 0.00	12.58 -0.05 0.00	17.06 -0.14 0.00	21.32 -0.29 0.00	26.19 -0.38 0.00	43.52 -0.41 0.00	35.29 -0.39 -2.13	33.91 -0.57 -4.22	37.06 -0.22 0.00	37.22 -0.05 0.00	41.32 -0.12 0.00	30.31 -0.13 0.00	25.31 -0.28 0.00
HICKLING___2 23622	31.20 0.47 0.00	30.16 0.14 0.00	27.77 -0.02 0.00	28.96 -0.15 0.00	28.25 -0.31 0.00	35.51 -0.55 0.00	34.76 -0.79 0.00	30.86 -0.48 0.00	19.38 -0.24 -0.11	24.12 -0.41 0.00	21.31 -0.25 0.00	12.57 -0.12 0.00	12.58 -0.05 0.00	17.06 -0.14 0.00	21.32 -0.29 0.00	26.19 -0.38 0.00	43.52 -0.41 0.00	35.29 -0.39 -2.13	33.91 -0.57 -4.22	37.06 -0.22 0.00	37.22 -0.05 0.00	41.32 -0.12 0.00	30.31 -0.13 0.00	25.31 -0.28 0.00
HIGH FALLS___HY 23754	32.55 1.81 0.00	31.65 1.62 0.00	29.15 1.37 0.00	30.55 1.44 0.00	30.06 1.50 0.00	38.14 2.08 0.00	37.92 2.36 0.00	33.68 2.33 0.00	20.95 1.44 0.00	26.16 1.63 0.00	22.95 1.40 0.00	13.47 0.78 0.00	13.36 0.73 0.00	18.13 0.94 0.00	22.74 1.12 0.00	27.98 1.41 0.00	46.31 2.38 0.00	35.65 2.10 0.00	32.30 2.05 0.00	39.83 2.56 0.00	39.89 2.61 0.00	44.24 2.80 0.00	32.42 1.99 0.00	27.27 1.68 0.00
HIGH_RIVER___SOLAR 323847	32.05 1.32 0.00	31.29 1.26 0.00	28.92 1.14 0.00	30.32 1.21 0.00	29.75 1.19 0.00	37.62 1.56 0.00	37.12 1.56 0.00	32.43 1.08 0.00	19.82 0.32 0.00	24.58 0.04 0.00	21.47 -0.08 0.00	12.66 -0.03 0.00	12.59 -0.05 0.00	17.17 -0.02 0.00	21.78 0.17 0.00	27.12 0.55 0.00	45.61 1.68 0.00	34.89 1.34 0.00	31.48 1.22 0.00	38.91 1.64 0.00	38.94 1.66 0.00	43.31 1.87 0.00	31.73 1.29 0.00	26.65 1.06 0.00

HILLBURN___GT 23639	32.14 1.40 0.00	31.21 1.19 0.00	28.71 0.92 0.00	30.08 0.97 0.00	29.61 1.06 0.00	37.57 1.51 0.00	37.34 1.79 0.00	33.31 1.97 0.00	20.72 1.21 0.00	25.97 1.43 0.00	22.81 1.25 0.00	13.40 0.71 0.00	13.33 0.69 0.00	18.12 0.92 0.00	22.72 1.11 0.00	27.94 1.37 0.00	46.29 2.37 0.00	35.44 1.89 0.00	32.14 1.88 0.00	39.57 2.30 0.00	39.62 2.34 0.00	43.92 2.48 0.00	32.21 1.77 0.00	26.98 1.53 0.14
HILLSIDE_115KV_TB1 80332	31.00 0.26 0.00	30.01 -0.02 0.00	27.65 -0.13 0.00	28.89 -0.22 0.00	28.20 -0.36 0.00	35.48 -0.58 0.00	34.78 -0.78 0.00	30.89 -0.45 0.00	19.38 -0.23 -0.10	24.21 -0.33 0.00	21.37 -0.19 0.00	12.60 -0.09 0.00	12.59 -0.04 0.00	17.05 -0.15 0.00	21.34 -0.28 0.00	26.23 -0.34 0.00	43.56 -0.37 0.00	34.85 -0.37 -1.67	33.22 -0.48 -3.44	37.06 -0.22 0.00	37.13 -0.15 0.00	41.17 -0.27 0.00	30.27 -0.17 0.00	25.35 -0.24 0.00
HISHELDN_WT_PWR 323625	29.72 -1.01 0.00	28.69 -1.33 0.00	26.37 -1.42 0.00	27.39 -1.72 0.00	26.62 -1.94 0.00	33.46 -2.61 0.00	32.55 -3.01 0.00	28.91 -2.44 0.00	17.45 -1.36 0.70	22.77 -1.76 0.00	20.18 -1.38 0.00	11.92 -0.77 0.00	11.92 -0.71 0.00	16.20 -1.00 0.00	20.09 -1.53 0.00	24.80 -1.78 0.00	40.95 -2.98 0.00	20.63 -2.56 10.36	5.97 -2.60 21.69	34.73 -2.55 0.00	35.07 -2.22 0.00	39.35 -2.09 0.00	28.63 -1.81 0.00	23.69 -1.90 0.00
HOLTSVILLE_IC_1 23690	32.49 1.76 0.00	31.54 1.52 0.00	29.32 1.54 0.00	30.57 1.46 0.00	30.11 1.55 0.00	37.97 1.91 0.00	38.40 2.84 0.00	34.02 2.68 0.00	20.71 1.20 0.00	26.06 1.53 0.00	24.42 1.41 -1.45	18.33 0.84 -4.80	10.56 0.67 2.74	17.07 0.85 0.98	17.71 0.95 4.86	22.15 1.33 5.74	45.29 2.51 1.15	38.96 1.86 -3.55	47.75 2.12 -15.38	43.41 2.39 -3.74	43.76 2.52 -3.96	74.23 2.90 -29.90	32.77 2.33 0.00	27.96 1.73 -0.64
HOLTSVILLE_IC_10 23699	32.61 1.87 0.00	31.65 1.63 0.00	29.41 1.63 0.00	30.66 1.55 0.00	30.21 1.65 0.00	38.09 2.02 0.00	38.54 2.98 0.00	34.15 2.80 0.00	20.76 1.25 0.00	26.13 1.60 0.00	24.53 1.46 -1.51	18.45 0.87 -4.88	10.65 0.70 2.67	17.10 0.88 0.98	48.37 0.99 -25.77	66.00 1.36 -38.06	75.08 2.66 -28.50	60.35 1.95 -24.85	48.46 2.24 -15.96	43.87 2.54 -4.05	45.36 2.69 -5.39	74.67 3.11 -30.13	32.92 2.48 0.00	28.06 1.83 -0.64
HOLTSVILLE_IC_2 23691	32.49 1.76 0.00	31.54 1.52 0.00	29.32 1.54 0.00	30.57 1.46 0.00	30.11 1.55 0.00	37.97 1.91 0.00	38.40 2.84 0.00	34.02 2.68 0.00	20.71 1.20 0.00	26.06 1.53 0.00	24.42 1.41 -1.45	18.33 0.84 -4.80	10.56 0.67 2.74	17.07 0.85 0.98	17.71 0.95 4.86	22.15 1.33 5.74	45.29 2.51 1.15	38.96 1.86 -3.55	47.75 2.12 -15.38	43.41 2.39 -3.74	43.76 2.52 -3.96	74.23 2.90 -29.90	32.77 2.33 0.00	27.96 1.73 -0.64
HOLTSVILLE_IC_3 23692	32.49 1.76 0.00	31.54 1.52 0.00	29.32 1.54 0.00	30.57 1.46 0.00	30.11 1.55 0.00	37.97 1.91 0.00	38.40 2.84 0.00	34.02 2.68 0.00	20.71 1.20 0.00	26.06 1.53 0.00	24.42 1.41 -1.45	18.33 0.84 -4.80	10.56 0.67 2.74	17.07 0.85 0.98	17.71 0.95 4.86	22.15 1.33 5.74	45.29 2.51 1.15	38.96 1.86 -3.55	47.75 2.12 -15.38	43.41 2.39 -3.74	43.76 2.52 -3.96	74.23 2.90 -29.90	32.77 2.33 0.00	27.96 1.73 -0.64
HOLTSVILLE_IC_4 23693	32.49 1.76 0.00	31.54 1.52 0.00	29.32 1.54 0.00	30.57 1.46 0.00	30.11 1.55 0.00	37.97 1.91 0.00	38.40 2.84 0.00	34.02 2.68 0.00	20.71 1.20 0.00	26.06 1.53 0.00	24.42 1.41 -1.45	18.33 0.84 -4.80	10.56 0.67 2.74	17.07 0.85 0.98	17.71 0.95 4.86	22.15 1.33 5.74	45.29 2.51 1.15	38.96 1.86 -3.55	47.75 2.12 -15.38	43.41 2.39 -3.74	43.76 2.52 -3.96	74.23 2.90 -29.90	32.77 2.33 0.00	27.96 1.73 -0.64
HOLTSVILLE_IC_5 23694	32.49 1.76 0.00	31.54 1.52 0.00	29.32 1.54 0.00	30.57 1.46 0.00	30.11 1.55 0.00	37.97 1.91 0.00	38.40 2.84 0.00	34.02 2.68 0.00	20.71 1.20 0.00	26.06 1.53 0.00	24.42 1.41 -1.45	18.33 0.84 -4.80	10.56 0.67 2.74	17.07 0.85 0.98	17.71 0.95 4.86	22.15 1.33 5.74	45.29 2.51 1.15	38.96 1.86 -3.55	47.75 2.12 -15.38	43.41 2.39 -3.74	43.76 2.52 -3.96	74.23 2.90 -29.90	32.77 2.33 0.00	27.96 1.73 -0.64
HOLTSVILLE_IC_6 23695	32.61 1.87 0.00	31.65 1.63 0.00	29.41 1.63 0.00	30.66 1.55 0.00	30.21 1.65 0.00	38.09 2.02 0.00	38.54 2.98 0.00	34.15 2.80 0.00	20.76 1.25 0.00	26.13 1.60 0.00	24.53 1.46 -1.51	18.45 0.87 -4.88	10.65 0.70 2.67	17.10 0.88 0.98	48.37 0.99 -25.77	66.00 1.36 -38.06	75.08 2.66 -28.50	60.35 1.95 -24.85	48.46 2.24 -15.96	43.87 2.54 -4.05	45.36 2.69 -5.39	74.67 3.11 -30.13	32.92 2.48 0.00	28.06 1.83 -0.64
HOLTSVILLE_IC_7 23696	32.61 1.87 0.00	31.65 1.63 0.00	29.41 1.63 0.00	30.66 1.55 0.00	30.21 1.65 0.00	38.09 2.02 0.00	38.54 2.98 0.00	34.15 2.80 0.00	20.76 1.25 0.00	26.13 1.60 0.00	24.53 1.46 -1.51	18.45 0.87 -4.88	10.65 0.70 2.67	17.10 0.88 0.98	48.37 0.99 -25.77	66.00 1.36 -38.06	75.08 2.66 -28.50	60.35 1.95 -24.85	48.46 2.24 -15.96	43.87 2.54 -4.05	45.36 2.69 -5.39	74.67 3.11 -30.13	32.92 2.48 0.00	28.06 1.83 -0.64
HOLTSVILLE_IC_8 23697	32.61 1.87 0.00	31.65 1.63 0.00	29.41 1.63 0.00	30.66 1.55 0.00	30.21 1.65 0.00	38.09 2.02 0.00	38.54 2.98 0.00	34.15 2.80 0.00	20.76 1.25 0.00	26.13 1.60 0.00	24.53 1.46 -1.51	18.45 0.87 -4.88	10.65 0.70 2.67	17.10 0.88 0.98	48.37 0.99 -25.77	66.00 1.36 -38.06	75.08 2.66 -28.50	60.35 1.95 -24.85	48.46 2.24 -15.96	43.87 2.54 -4.05	45.36 2.69 -5.39	74.67 3.11 -30.13	32.92 2.48 0.00	28.06 1.83 -0.64
HOLTSVILLE_IC_9 23698	32.61 1.87 0.00	31.65 1.63 0.00	29.41 1.63 0.00	30.66 1.55 0.00	30.21 1.65 0.00	38.09 2.02 0.00	38.54 2.98 0.00	34.15 2.80 0.00	20.76 1.25 0.00	26.13 1.60 0.00	24.53 1.46 -1.51	18.45 0.87 -4.88	10.65 0.70 2.67	17.10 0.88 0.98	48.37 0.99 -25.77	66.00 1.36 -38.06	75.08 2.66 -28.50	60.35 1.95 -24.85	48.46 2.24 -15.96	43.87 2.54 -4.05	45.36 2.69 -5.39	74.67 3.11 -30.13	32.92 2.48 0.00	28.06 1.83 -0.64
HOMER_HL_115KV_TB2 355744	30.93 0.19 0.00	29.90 -0.12 0.00	27.55 -0.23 0.00	28.78 -0.33 0.00	27.94 -0.62 0.00	35.05 -1.01 0.00	34.30 -1.26 0.00	30.57 -0.78 0.00	19.13 -0.33 0.05	24.13 -0.40 0.00	21.46 -0.09 0.00	12.65 -0.04 0.00	12.61 -0.02 0.00	17.09 -0.11 0.00	21.31 -0.30 0.00	26.38 -0.19 0.00	43.34 -0.58 0.00	32.23 -0.72 0.60	28.10 -0.89 1.27	36.58 -0.70 0.00	36.76 -0.52 0.00	41.14 -0.30 0.00	30.15 -0.29 0.00	25.19 -0.40 0.00
HOWARD_WT_PWR 323690	30.92 0.18 0.00	29.71 -0.32 0.00	27.20 -0.59 0.00	28.00 -1.11 0.00	26.94 -1.62 0.00	33.51 -2.56 0.00	32.58 -2.98 0.00	28.91 -2.44 0.00	18.91 -1.36 -0.76	22.78 -1.75 0.00	20.10 -1.45 0.00	11.83 -0.86 0.00	11.84 -0.79 0.00	16.19 -1.01 0.00	19.93 -1.68 0.00	24.50 -2.07 0.00	41.04 -2.88 0.00	43.00 -2.29 -11.73	52.05 -2.75 -24.54	34.80 -2.47 0.00	35.29 -1.99 0.00	39.55 -1.89 0.00	29.31 -1.13 0.00	24.08 -1.51 0.00

HQ_GEN_CEDARS 23644	30.74 0.00 0.00	30.21 0.18 0.00	28.19 0.40 0.00	29.52 0.41 0.00	28.95 0.40 0.00	36.49 0.43 0.00	35.74 0.19 0.00	31.39 0.04 0.00	19.51 0.00 0.00	24.65 0.12 0.00	21.63 0.08 0.00	12.75 0.07 0.00	12.73 0.09 0.00	17.32 0.13 0.00	21.71 0.09 0.00	26.68 0.11 0.00	44.18 0.26 0.00	33.64 0.09 0.00	30.32 0.06 0.00	37.40 0.13 0.00	37.76 -0.03 -0.51	41.46 0.02 0.00	30.81 0.13 -0.24	25.66 0.07 0.00
HQ_GEN_CEDARS_PROXY 323590	30.74 0.00 0.00	30.21 0.18 0.00	28.18 0.40 0.00	29.52 0.41 0.00	28.95 0.39 0.00	36.49 0.43 0.00	35.74 0.19 0.00	31.39 0.04 0.00	18.66 0.00 0.84	24.65 0.12 0.00	21.63 0.08 0.00	12.75 0.06 0.00	12.73 0.09 0.00	17.32 0.12 0.00	21.71 0.10 0.00	26.68 0.11 0.00	44.19 0.26 0.00	33.64 0.09 0.00	30.32 0.06 0.00	37.41 0.13 0.00	37.76 -0.03 -0.51	41.46 0.02 0.00	30.81 0.13 -0.24	25.66 0.07 0.00
HQ_GEN_IMPORT 323601	30.60 -0.14 0.00	29.99 -0.03 0.00	27.88 0.09 0.00	29.20 0.09 0.00	28.64 0.09 0.00	36.14 0.08 0.00	35.45 -0.11 0.00	31.21 -0.14 0.00	19.41 -0.09 0.00	24.53 -0.01 0.00	21.53 -0.02 0.00	12.69 0.00 0.00	12.64 0.01 0.00	17.21 0.01 0.00	21.60 -0.01 0.00	26.55 -0.02 0.00	43.90 -0.03 0.00	33.46 -0.09 0.00	30.16 -0.10 0.00	37.20 -0.08 0.00	37.10 -0.18 0.00	41.27 -0.16 0.00	30.37 -0.07 0.00	25.53 -0.06 0.00
HQ_GEN_WHEEL 23651	30.60 -0.14 0.00	29.99 -0.03 0.00	27.88 0.09 0.00	29.20 0.09 0.00	28.64 0.09 0.00	36.14 0.08 0.00	35.45 -0.11 0.00	31.21 -0.14 0.00	19.41 -0.09 0.00	24.53 -0.01 0.00	21.53 -0.02 0.00	12.69 0.00 0.00	12.64 0.01 0.00	17.21 0.01 0.00	21.60 -0.01 0.00	26.55 -0.02 0.00	43.90 -0.03 0.00	33.46 -0.09 0.00	30.16 -0.10 0.00	37.20 -0.08 0.00	37.10 -0.18 0.00	41.27 -0.16 0.00	30.37 -0.07 0.00	25.53 -0.06 0.00
HUDSON AVE_GT_3 23810	32.80 2.06 0.00	31.88 1.86 0.00	29.38 1.60 0.00	30.78 1.67 0.00	30.31 1.75 0.00	38.44 2.38 0.00	38.21 2.65 0.00	34.03 2.68 0.00	21.18 1.67 0.00	26.57 2.04 0.00	23.37 1.81 0.00	27.24 1.04 -13.51	40.12 0.98 -26.50	32.41 1.31 -13.90	30.59 1.61 -7.37	31.80 1.98 -3.25	47.25 3.32 -0.01	36.18 2.62 -0.01	32.76 2.50 0.00	40.29 3.01 0.00	40.27 3.00 0.00	44.70 3.26 0.00	32.84 2.40 0.00	41.52 2.09 -13.84
HUDSON AVE_GT_4 23540	32.80 2.06 0.00	31.88 1.86 0.00	29.38 1.60 0.00	30.78 1.67 0.00	30.31 1.75 0.00	38.44 2.38 0.00	38.21 2.65 0.00	34.03 2.68 0.00	21.18 1.67 0.00	26.57 2.04 0.00	23.37 1.81 0.00	27.24 1.04 -13.51	40.12 0.98 -26.50	32.41 1.31 -13.90	30.59 1.61 -7.37	31.80 1.98 -3.25	47.25 3.32 -0.01	36.18 2.62 -0.01	32.76 2.50 0.00	40.29 3.01 0.00	40.27 3.00 0.00	44.70 3.26 0.00	32.84 2.40 0.00	41.52 2.09 -13.84
HUDSON AVE_GT_5 23657	32.80 2.06 0.00	31.88 1.86 0.00	29.38 1.60 0.00	30.78 1.67 0.00	30.31 1.75 0.00	38.44 2.38 0.00	38.21 2.65 0.00	34.03 2.68 0.00	21.18 1.67 0.00	26.57 2.04 0.00	23.37 1.81 0.00	27.24 1.04 -13.51	40.12 0.98 -26.50	32.41 1.31 -13.90	30.59 1.61 -7.37	31.80 1.98 -3.25	47.25 3.32 -0.01	36.18 2.62 -0.01	32.76 2.50 0.00	40.29 3.01 0.00	40.27 3.00 0.00	44.70 3.26 0.00	32.84 2.40 0.00	41.52 2.09 -13.84
HUDSON_AVE_10 24168	32.84 2.10 0.00	31.92 1.90 0.00	29.41 1.63 0.00	30.82 1.71 0.00	30.35 1.79 0.00	38.47 2.41 0.00	38.19 2.64 0.00	34.00 2.65 0.00	21.16 1.65 0.00	26.55 2.01 0.00	23.33 1.78 0.00	27.23 1.03 -13.51	40.11 0.98 -26.50	32.39 1.29 -13.90	30.57 1.58 -7.37	31.78 1.97 -3.25	47.19 3.26 -0.01	36.54 2.56 -0.42	39.32 2.46 -6.60	40.25 2.97 0.00	64.53 2.98 -24.27	44.70 3.27 0.00	32.87 2.43 0.00	41.56 2.13 -13.84
HUDSON___115KV_TB 4 355613	31.80 1.07 0.00	30.96 0.94 0.00	28.60 0.81 0.00	29.99 0.88 0.00	29.51 0.95 0.00	37.34 1.28 0.00	37.10 1.54 0.00	32.73 1.38 0.00	20.27 0.76 0.00	25.36 0.83 0.00	22.06 0.51 0.00	12.95 0.26 0.00	12.90 0.27 0.00	17.59 0.39 0.00	22.15 0.54 0.00	27.39 0.82 0.00	45.49 1.56 0.00	34.87 1.32 0.00	31.55 1.29 0.00	38.80 1.52 0.00	38.86 1.59 0.00	43.09 1.65 0.00	31.69 1.25 0.00	26.67 1.08 0.00
HUNTER MOUNT___DRP 323613	31.90 1.17 0.00	31.06 1.04 0.00	28.70 0.91 0.00	30.10 0.99 0.00	29.62 1.06 0.00	37.48 1.42 0.00	37.25 1.69 0.00	32.84 1.49 0.00	20.33 0.82 0.00	25.40 0.87 0.00	22.09 0.54 0.00	12.96 0.27 0.00	12.91 0.27 0.00	17.60 0.40 0.00	22.19 0.58 0.00	27.45 0.88 0.00	45.70 1.77 0.00	34.99 1.44 0.00	31.67 1.41 0.00	38.96 1.69 0.00	39.01 1.73 0.00	43.26 1.82 0.00	31.79 1.35 0.00	26.74 1.15 0.00
HUNTINGTON_RES_REC 323705	32.38 1.65 0.00	31.45 1.43 0.00	29.19 1.40 0.00	30.45 1.35 0.00	29.96 1.40 0.00	37.77 1.71 0.00	38.07 2.51 0.00	33.78 2.43 0.00	20.67 1.16 0.00	25.98 1.45 0.00	24.45 1.38 -1.51	18.40 0.81 -4.90	10.63 0.67 2.67	17.07 0.85 0.98	28.01 0.95 -5.44	36.88 1.30 -9.02	55.24 2.44 -8.87	46.44 1.81 -11.08	48.26 1.97 -16.02	43.64 2.28 -4.08	45.23 2.37 -5.59	74.36 2.67 -30.25	32.61 2.17 0.00	27.88 1.65 -0.64
HUNTLEY___63 23557	29.29 -1.45 0.00	28.40 -1.63 0.00	26.24 -1.55 0.00	27.37 -1.74 0.00	26.65 -1.91 0.00	33.51 -2.55 0.00	32.66 -2.90 0.00	29.02 -2.32 0.00	18.02 -1.26 0.23	22.98 -1.55 0.00	20.40 -1.16 0.00	12.06 -0.63 0.00	12.01 -0.62 0.00	16.25 -0.95 0.00	20.27 -1.34 0.00	25.00 -1.57 0.00	40.88 -3.05 0.00	27.71 -2.54 3.29	20.74 -2.63 6.89	34.29 -2.99 0.00	34.55 -2.73 0.00	39.01 -2.42 0.00	28.60 -1.84 0.00	23.71 -1.88 0.00
HUNTLEY___64 23558	29.29 -1.45 0.00	28.40 -1.63 0.00	26.24 -1.55 0.00	27.37 -1.74 0.00	26.65 -1.91 0.00	33.51 -2.55 0.00	32.66 -2.90 0.00	29.02 -2.32 0.00	18.02 -1.26 0.23	22.98 -1.55 0.00	20.40 -1.16 0.00	12.06 -0.63 0.00	12.01 -0.62 0.00	16.25 -0.95 0.00	20.27 -1.34 0.00	25.00 -1.57 0.00	40.88 -3.05 0.00	27.71 -2.54 3.29	20.74 -2.63 6.89	34.29 -2.99 0.00	34.55 -2.73 0.00	39.01 -2.42 0.00	28.60 -1.84 0.00	23.71 -1.88 0.00
HUNTLEY___65 23559	29.29 -1.45 0.00	28.40 -1.63 0.00	26.24 -1.55 0.00	27.37 -1.74 0.00	26.65 -1.91 0.00	33.51 -2.55 0.00	32.66 -2.90 0.00	29.02 -2.32 0.00	18.02 -1.26 0.23	22.98 -1.55 0.00	20.40 -1.16 0.00	12.06 -0.63 0.00	12.01 -0.62 0.00	16.25 -0.95 0.00	20.27 -1.34 0.00	25.00 -1.57 0.00	40.88 -3.05 0.00	27.71 -2.54 3.29	20.74 -2.63 6.89	34.29 -2.99 0.00	34.55 -2.73 0.00	39.01 -2.42 0.00	28.60 -1.84 0.00	23.71 -1.88 0.00
HUNTLEY___66 23560	29.29 -1.45 0.00	28.40 -1.63 0.00	26.24 -1.55 0.00	27.37 -1.74 0.00	26.65 -1.91 0.00	33.51 -2.55 0.00	32.66 -2.90 0.00	29.02 -2.32 0.00	18.02 -1.26 0.23	22.98 -1.55 0.00	20.40 -1.16 0.00	12.06 -0.63 0.00	12.01 -0.62 0.00	16.25 -0.95 0.00	20.27 -1.34 0.00	25.00 -1.57 0.00	40.88 -3.05 0.00	27.71 -2.54 3.29	20.74 -2.63 6.89	34.29 -2.99 0.00	34.55 -2.73 0.00	39.01 -2.42 0.00	28.60 -1.84 0.00	23.71 -1.88 0.00

HUNTLEY___67 23561	29.18 -1.56 0.00	28.29 -1.73 0.00	26.14 -1.64 0.00	27.27 -1.84 0.00	26.53 -2.02 0.00	33.35 -2.72 0.00	32.55 -3.01 0.00	28.92 -2.43 0.00	17.87 -1.40 0.24	22.82 -1.71 0.00	20.27 -1.29 0.00	12.00 -0.69 0.00	11.95 -0.68 0.00	16.18 -1.02 0.00	20.20 -1.41 0.00	24.94 -1.63 0.00	40.85 -3.07 0.00	27.12 -2.61 3.82	19.54 -2.73 7.99	34.26 -3.02 0.00	34.48 -2.80 0.00	38.90 -2.54 0.00	28.52 -1.92 0.00	23.67 -1.92 0.00
HUNTLEY___68 23562	29.18 -1.56 0.00	28.29 -1.73 0.00	26.14 -1.64 0.00	27.27 -1.84 0.00	26.53 -2.02 0.00	33.35 -2.72 0.00	32.55 -3.01 0.00	28.92 -2.43 0.00	17.87 -1.40 0.24	22.82 -1.71 0.00	20.27 -1.29 0.00	12.00 -0.69 0.00	11.95 -0.68 0.00	16.18 -1.02 0.00	20.20 -1.41 0.00	24.94 -1.63 0.00	40.85 -3.07 0.00	27.12 -2.61 3.82	19.54 -2.73 7.99	34.26 -3.02 0.00	34.48 -2.80 0.00	38.90 -2.54 0.00	28.52 -1.92 0.00	23.67 -1.92 0.00
HYLAND___LFG 323620	31.32 0.58 0.00	30.30 0.28 0.00	27.87 0.09 0.00	29.00 -0.11 0.00	28.24 -0.32 0.00	35.54 -0.52 0.00	34.90 -0.66 0.00	30.94 -0.41 0.00	20.01 -0.35 -0.85	23.40 -1.14 0.00	20.75 -0.81 0.00	12.25 -0.44 0.00	12.24 -0.39 0.00	16.62 -0.58 0.00	20.74 -0.88 0.00	25.95 -0.62 0.00	42.31 -1.62 0.00	45.20 -1.35 -13.00	55.82 -1.65 -27.21	36.52 -0.76 0.00	37.18 -0.09 0.00	41.58 0.14 0.00	30.40 -0.04 0.00	25.15 -0.44 0.00
INDECK___CORINTH 23802	32.17 1.44 0.00	31.29 1.27 0.00	28.95 1.17 0.00	30.43 1.32 0.00	29.97 1.41 0.00	38.08 2.02 0.00	37.97 2.42 0.00	33.49 2.14 0.00	20.60 1.09 0.00	25.71 1.18 0.00	22.31 0.75 0.00	13.08 0.39 0.00	13.01 0.38 0.00	17.81 0.61 0.00	22.53 0.91 0.00	27.89 1.32 0.00	46.32 2.39 0.00	35.63 2.08 0.00	32.35 2.09 0.00	39.81 2.53 0.00	39.74 2.46 0.00	44.00 2.56 0.00	32.11 1.67 0.00	27.03 1.44 0.00
INDECK___ILION 23567	31.00 0.26 0.00	30.21 0.19 0.00	27.93 0.15 0.00	29.28 0.17 0.00	28.76 0.20 0.00	36.34 0.27 0.00	35.90 0.34 0.00	31.48 0.13 0.00	19.48 -0.03 0.00	24.35 -0.18 0.00	21.29 -0.27 0.00	12.51 -0.17 0.00	12.46 -0.17 0.00	16.95 -0.25 0.00	21.48 -0.13 0.00	26.50 -0.07 0.00	44.01 0.08 0.00	33.77 0.22 0.00	30.47 0.21 0.00	37.52 0.24 0.00	37.57 0.29 0.00	41.74 0.30 0.00	30.66 0.22 0.00	25.77 0.17 0.00
INDECK___OLEAN 23982	30.93 0.19 0.00	29.89 -0.13 0.00	27.55 -0.23 0.00	28.78 -0.33 0.00	27.94 -0.62 0.00	35.05 -1.01 0.00	34.30 -1.26 0.00	30.58 -0.77 0.00	19.13 -0.33 0.05	24.13 -0.40 0.00	21.46 -0.09 0.00	12.68 -0.01 0.00	12.61 -0.02 0.00	17.08 -0.12 0.00	21.30 -0.31 0.00	26.37 -0.20 0.00	43.33 -0.59 0.00	32.25 -0.70 0.60	28.12 -0.88 1.27	36.58 -0.70 0.00	36.76 -0.51 0.00	41.13 -0.31 0.00	30.15 -0.29 0.00	25.19 -0.40 0.00
INDECK___OSWEGO 23783	30.01 -0.72 0.00	29.29 -0.73 0.00	27.10 -0.69 0.00	28.38 -0.73 0.00	27.82 -0.74 0.00	35.12 -0.94 0.00	34.62 -0.94 0.00	30.55 -0.80 0.00	19.00 -0.51 0.00	23.83 -0.70 0.00	20.97 -0.58 0.00	12.37 -0.33 0.00	12.29 -0.34 0.00	16.75 -0.45 0.00	21.07 -0.54 0.00	25.93 -0.64 0.00	42.81 -1.12 0.00	32.69 -0.86 0.00	29.44 -0.82 0.00	36.28 -1.00 0.00	36.35 -0.93 0.00	40.39 -1.05 0.00	29.64 -0.80 0.00	24.87 -0.73 0.00
INDECK___YERKES 23781	29.32 -1.41 0.00	28.42 -1.61 0.00	26.26 -1.52 0.00	27.40 -1.71 0.00	26.67 -1.89 0.00	33.53 -2.53 0.00	32.69 -2.87 0.00	29.05 -2.30 0.00	18.04 -1.24 0.23	23.00 -1.53 0.00	20.42 -1.13 0.00	12.10 -0.58 0.00	12.03 -0.60 0.00	16.26 -0.94 0.00	20.28 -1.33 0.00	25.01 -1.56 0.00	40.91 -3.02 0.00	27.77 -2.49 3.29	20.81 -2.56 6.89	34.33 -2.95 0.00	34.59 -2.69 0.00	39.05 -2.39 0.00	28.62 -1.82 0.00	23.74 -1.85 0.00
INDIAN POINT_GT_1 24139	32.35 1.61 0.00	31.44 1.42 0.00	28.96 1.18 0.00	30.34 1.23 0.00	29.87 1.32 0.00	37.87 1.81 0.00	37.68 2.12 0.00	33.53 2.18 0.00	20.85 1.34 0.00	26.16 1.62 0.00	22.98 1.42 0.00	13.91 0.81 -0.42	14.21 0.76 -0.82	18.64 1.01 -0.43	23.08 1.24 -0.23	28.21 1.54 -0.10	46.54 2.61 0.00	35.66 2.11 0.00	32.31 2.06 0.00	39.75 2.47 0.00	39.78 2.50 0.00	44.12 2.68 0.00	32.39 1.95 0.00	27.00 1.69 0.28
INDIAN POINT_GT_2 23659	32.35 1.61 0.00	31.44 1.42 0.00	28.96 1.18 0.00	30.34 1.23 0.00	29.87 1.32 0.00	37.87 1.81 0.00	37.68 2.12 0.00	33.53 2.18 0.00	20.85 1.34 0.00	26.16 1.62 0.00	22.98 1.42 0.00	13.91 0.81 -0.42	14.21 0.76 -0.82	18.64 1.01 -0.43	23.08 1.24 -0.23	28.21 1.54 -0.10	46.54 2.61 0.00	35.66 2.11 0.00	32.31 2.06 0.00	39.75 2.47 0.00	39.78 2.50 0.00	44.12 2.68 0.00	32.39 1.95 0.00	27.00 1.69 0.28
INDIAN POINT_GT_3 24019	32.35 1.61 0.00	31.44 1.42 0.00	28.96 1.18 0.00	30.34 1.23 0.00	29.87 1.32 0.00	37.87 1.81 0.00	37.68 2.12 0.00	33.53 2.18 0.00	20.85 1.34 0.00	26.16 1.62 0.00	22.98 1.42 0.00	13.91 0.81 -0.42	14.21 0.76 -0.82	18.64 1.01 -0.43	23.08 1.24 -0.23	28.21 1.54 -0.10	46.54 2.61 0.00	35.66 2.11 0.00	32.31 2.06 0.00	39.75 2.47 0.00	39.78 2.50 0.00	44.12 2.68 0.00	32.39 1.95 0.00	27.00 1.69 0.28
INDIAN POINT___2 23530	32.47 1.73 0.00	31.56 1.54 0.00	29.09 1.30 0.00	30.48 1.37 0.00	29.99 1.44 0.00	38.02 1.96 0.00	37.84 2.28 0.00	33.67 2.33 0.00	20.94 1.44 0.00	26.28 1.75 0.00	23.09 1.54 0.00	14.19 0.88 -0.62	14.68 0.83 -1.22	18.95 1.11 -0.64	23.31 1.36 -0.34	28.39 1.68 -0.15	46.75 2.83 0.00	35.80 2.25 0.00	32.44 2.18 0.00	39.90 2.62 0.00	39.91 2.64 0.00	44.28 2.85 0.00	32.53 2.09 0.00	27.50 1.81 -0.10
INDIAN POINT___3 23531	32.22 1.49 0.00	31.32 1.30 0.00	28.84 1.05 0.00	30.22 1.11 0.00	29.75 1.19 0.00	37.72 1.65 0.00	37.50 1.94 0.00	33.41 2.06 0.00	20.77 1.26 0.00	26.05 1.52 0.00	22.89 1.33 0.00	13.81 0.76 -0.37	14.08 0.72 -0.72	18.53 0.96 -0.38	22.98 1.17 -0.20	28.10 1.44 -0.09	46.39 2.46 0.00	35.53 1.98 0.00	32.20 1.94 0.00	39.62 2.34 0.00	39.64 2.37 0.00	43.97 2.53 0.00	32.28 1.84 0.00	26.78 1.60 0.41
INGHAM_C_115KV_TB7 356103	31.09 0.36 0.00	30.22 0.20 0.00	27.91 0.12 0.00	29.27 0.16 0.00	28.82 0.26 0.00	36.42 0.35 0.00	36.05 0.50 0.00	31.36 0.02 0.00	19.26 -0.25 0.00	23.86 -0.67 0.00	20.77 -0.78 0.00	12.17 -0.52 0.00	12.15 -0.48 0.00	16.52 -0.68 0.00	21.16 -0.45 0.00	26.24 -0.33 0.00	43.85 -0.07 0.00	33.79 0.24 0.00	30.50 0.25 0.00	37.59 0.31 0.00	37.67 0.39 0.00	41.85 0.40 0.00	30.78 0.34 0.00	25.86 0.27 0.00
IP CORINTH___1 23988	32.17 1.44 0.00	31.29 1.27 0.00	28.95 1.16 0.00	30.43 1.32 0.00	29.97 1.42 0.00	38.08 2.02 0.00	37.97 2.42 0.00	33.49 2.15 0.00	20.60 1.09 0.00	25.71 1.18 0.00	22.31 0.75 0.00	13.08 0.39 0.00	13.01 0.38 0.00	17.81 0.61 0.00	22.53 0.91 0.00	27.89 1.32 0.00	46.32 2.39 0.00	35.63 2.08 0.00	32.35 2.10 0.00	39.81 2.53 0.00	39.74 2.46 0.00	44.00 2.56 0.00	32.11 1.67 0.00	27.03 1.44 0.00

IP___TICONDEROGA 23804	33.03 2.29 0.00	32.02 2.00 0.00	29.81 2.03 0.00	31.44 2.34 0.00	31.11 2.55 0.00	39.27 3.21 0.00	39.49 3.93 0.00	34.51 3.16 0.00	20.99 1.49 0.00	26.15 1.62 0.00	22.45 0.89 0.00	13.14 0.45 0.00	13.04 0.41 0.00	17.88 0.68 0.00	22.92 1.31 0.00	28.29 1.73 0.00	47.17 3.24 0.00	36.42 2.87 0.00	33.44 3.18 0.00	41.03 3.75 0.00	40.95 3.67 0.00	45.18 3.74 0.00	32.58 2.14 0.00	27.56 1.97 0.00
ISLIP_RES_REC 323679	32.74 2.00 0.00	31.77 1.74 0.00	29.49 1.71 0.00	30.74 1.63 0.00	30.29 1.73 0.00	38.20 2.14 0.00	38.65 3.09 0.00	34.27 2.92 0.00	20.82 1.31 0.00	26.20 1.66 0.00	24.61 1.51 -1.54	18.53 0.90 -4.94	10.72 0.72 2.63	17.13 0.91 0.98	43.78 1.02 -21.15	59.47 1.42 -31.48	70.78 2.78 -24.07	57.62 2.05 -22.03	48.94 2.34 -16.34	44.20 2.68 -4.25	46.45 2.83 -6.34	74.96 3.24 -30.27	33.01 2.57 0.00	28.14 1.90 -0.64
JAMAICA__27_KV_LOAD 355505	33.19 2.45 0.00	32.20 2.18 0.00	29.66 1.88 0.00	31.07 1.96 0.00	30.62 2.06 0.00	38.80 2.74 0.00	38.36 2.80 0.00	34.14 2.79 0.00	21.24 1.74 0.00	26.63 2.10 0.00	23.41 1.85 0.00	27.28 1.08 -13.51	40.17 1.04 -26.50	32.45 1.35 -13.90	30.64 1.66 -7.37	31.91 2.10 -3.25	47.37 3.44 -0.01	36.75 2.67 -0.53	41.07 2.56 -8.25	40.38 3.10 0.00	71.12 3.10 -30.75	44.89 3.45 0.00	33.11 2.67 0.00	41.77 2.34 -13.84
JANIS___SOLAR 323808	32.26 1.53 0.00	31.41 1.39 0.00	29.00 1.22 0.00	30.27 1.16 0.00	29.49 0.94 0.00	37.09 1.03 0.00	36.57 1.01 0.00	32.01 0.67 0.00	19.68 0.12 -0.06	24.29 -0.24 0.00	21.28 -0.28 0.00	12.46 -0.23 0.00	12.43 -0.20 0.00	17.07 -0.13 0.00	21.66 0.04 0.00	26.71 0.14 0.00	43.87 -0.06 0.00	34.50 0.06 -0.89	32.29 0.18 -1.85	37.81 0.54 0.00	38.02 0.74 0.00	42.42 0.98 0.00	30.85 0.41 0.00	25.79 0.20 0.00
JARVIS____ 23743	30.83 0.09 0.00	30.11 0.08 0.00	27.84 0.05 0.00	29.17 0.06 0.00	28.61 0.06 0.00	36.14 0.08 0.00	35.68 0.12 0.00	31.46 0.11 0.00	19.56 0.06 0.00	24.57 0.04 0.00	21.56 0.00 0.00	12.68 -0.01 0.00	12.62 -0.01 0.00	17.18 -0.02 0.00	21.61 -0.01 0.00	26.58 0.01 0.00	44.00 0.07 0.00	33.65 0.10 0.00	30.36 0.10 0.00	37.38 0.10 0.00	37.40 0.12 0.00	41.54 0.10 0.00	30.51 0.07 0.00	25.66 0.06 0.00
JENNISON___1 23625	32.46 1.73 0.00	31.61 1.59 0.00	29.16 1.38 0.00	30.50 1.39 0.00	29.54 0.99 0.00	36.77 0.71 0.00	36.33 0.77 0.00	31.82 0.48 0.00	19.68 0.17 0.00	24.61 0.07 0.00	21.58 0.03 0.00	12.58 -0.11 0.00	12.47 -0.16 0.00	17.06 -0.14 0.00	21.54 -0.07 0.00	26.47 -0.10 0.00	43.60 -0.33 0.00	33.39 -0.16 0.00	30.12 -0.14 0.00	37.32 0.04 0.00	37.49 0.21 0.00	41.82 0.38 0.00	30.45 0.01 0.00	25.56 -0.03 0.00
JENNISON___2 23626	32.46 1.73 0.00	31.61 1.59 0.00	29.16 1.38 0.00	30.50 1.39 0.00	29.54 0.99 0.00	36.77 0.71 0.00	36.33 0.77 0.00	31.82 0.48 0.00	19.68 0.17 0.00	24.61 0.07 0.00	21.58 0.03 0.00	12.58 -0.11 0.00	12.47 -0.16 0.00	17.06 -0.14 0.00	21.54 -0.07 0.00	26.47 -0.10 0.00	43.60 -0.33 0.00	33.39 -0.16 0.00	30.12 -0.14 0.00	37.32 0.04 0.00	37.49 0.21 0.00	41.82 0.38 0.00	30.45 0.01 0.00	25.56 -0.03 0.00
JERICHO_RISE_WT_PWR 323719	30.00 -0.74 0.00	29.61 -0.41 0.00	27.86 0.07 0.00	29.24 0.14 0.00	28.89 0.33 0.00	36.48 0.42 0.00	35.77 0.22 0.00	31.43 0.09 0.00	19.55 0.04 0.00	24.62 0.09 0.00	21.52 -0.03 0.00	12.66 -0.02 0.00	12.69 0.06 0.00	17.38 0.19 0.00	21.58 -0.04 0.00	26.25 -0.31 0.00	43.42 -0.51 0.00	32.88 -0.67 0.00	29.73 -0.52 0.00	36.64 -0.63 0.00	26.14 -1.23 9.90	39.98 -1.46 0.00	24.75 -0.99 4.70	24.86 -0.73 0.00
KATONAH___115KV_46KV_TB4 355592	32.42 1.69 0.00	31.51 1.49 0.00	29.04 1.26 0.00	30.43 1.33 0.00	29.96 1.40 0.00	38.00 1.94 0.00	37.80 2.24 0.00	33.63 2.29 0.00	20.92 1.41 0.00	26.24 1.71 0.00	23.05 1.49 0.00	13.54 0.85 0.00	13.44 0.81 0.00	18.28 1.08 0.00	22.94 1.32 0.00	28.20 1.63 0.00	46.69 2.76 0.00	35.78 2.23 0.00	32.43 2.17 0.00	39.88 2.61 0.00	39.90 2.62 0.00	44.24 2.81 0.00	32.48 2.04 0.00	27.32 1.76 0.03
KCE_NY_1 323755	32.13 1.40 0.00	31.30 1.28 0.00	28.88 1.10 0.00	30.41 1.30 0.00	29.87 1.31 0.00	37.90 1.84 0.00	37.68 2.12 0.00	33.24 1.89 0.00	20.52 1.01 0.00	25.65 1.12 0.00	22.34 0.79 0.00	13.11 0.42 0.00	13.07 0.44 0.00	17.88 0.68 0.00	22.53 0.92 0.00	27.83 1.26 0.00	46.22 2.29 0.00	35.46 1.91 0.00	32.12 1.86 0.00	39.59 2.31 0.00	39.49 2.21 0.00	43.82 2.38 0.00	32.05 1.61 0.00	26.98 1.39 0.00
KCE_NY_6_ESR 323823	29.64 -1.10 0.00	28.69 -1.33 0.00	26.48 -1.31 0.00	27.57 -1.54 0.00	26.84 -1.72 0.00	33.72 -2.35 0.00	32.93 -2.63 0.00	29.30 -2.04 0.00	18.13 -1.09 0.28	23.17 -1.36 0.00	20.56 -0.99 0.00	12.15 -0.54 0.00	12.09 -0.54 0.00	16.36 -0.84 0.00	20.39 -1.23 0.00	25.20 -1.37 0.00	41.41 -2.52 0.00	27.35 -2.20 4.00	19.60 -2.29 8.37	34.83 -2.45 0.00	35.08 -2.20 0.00	39.51 -1.93 0.00	28.91 -1.53 0.00	23.95 -1.64 0.00
KEDC_PORT_JEFF_GT2 24210	32.59 1.86 0.00	31.63 1.61 0.00	29.41 1.62 0.00	30.66 1.55 0.00	30.19 1.63 0.00	38.07 2.01 0.00	38.51 2.94 0.00	34.12 2.78 0.00	20.76 1.25 0.00	26.12 1.59 0.00	24.50 1.46 -1.49	18.42 0.87 -4.86	10.63 0.70 2.70	17.10 0.88 0.98	29.66 0.98 -7.06	39.24 1.36 -11.31	56.96 2.63 -10.41	47.36 1.84 -11.96	48.15 2.13 -15.76	43.63 2.41 -3.94	44.73 2.56 -4.89	74.49 2.99 -30.06	32.90 2.46 0.00	28.04 1.81 -0.64
KEDC_PORT_JEFF_GT3 24211	32.59 1.86 0.00	31.63 1.61 0.00	29.41 1.62 0.00	30.66 1.55 0.00	30.19 1.63 0.00	38.07 2.01 0.00	38.51 2.94 0.00	34.12 2.78 0.00	20.76 1.25 0.00	26.12 1.59 0.00	24.50 1.46 -1.49	18.42 0.87 -4.86	10.63 0.70 2.70	17.10 0.88 0.98	29.66 0.98 -7.06	39.24 1.36 -11.31	56.96 2.63 -10.41	47.36 1.84 -11.96	48.15 2.13 -15.76	43.63 2.41 -3.94	44.73 2.56 -4.89	74.49 2.99 -30.06	32.90 2.46 0.00	28.04 1.81 -0.64
KEDC_GLWD_GT4 24219	32.63 1.89 0.00	31.69 1.67 0.00	29.27 1.48 0.00	30.62 1.51 0.00	30.14 1.58 0.00	38.17 2.11 0.00	38.13 2.58 0.00	33.89 2.54 0.00	20.99 1.48 0.00	26.36 1.83 0.00	27.70 1.70 -4.45	23.32 0.97 -9.65	14.24 0.92 -0.69	17.43 1.21 0.98	22.56 1.47 0.52	31.12 1.84 -2.71	53.61 3.01 -6.67	69.14 2.44 -33.15	84.71 2.27 -52.18	60.32 2.72 -20.32	140.45 2.94 -100.46	96.53 2.94 -52.15	32.70 2.26 0.00	28.11 1.88 -0.64
KEDC_GLWD_GT5 24220	32.63 1.89 0.00	31.69 1.67 0.00	29.27 1.48 0.00	30.62 1.51 0.00	30.14 1.58 0.00	38.17 2.11 0.00	38.13 2.58 0.00	33.89 2.54 0.00	20.99 1.48 0.00	26.36 1.83 0.00	27.70 1.70 -4.45	23.32 0.97 -9.65	14.24 0.92 -0.69	17.43 1.21 0.98	22.56 1.47 0.52	31.12 1.84 -2.71	53.61 3.01 -6.67	69.14 2.44 -33.15	84.71 2.27 -52.18	60.32 2.72 -20.32	140.45 2.94 -100.46	96.53 2.94 -52.15	32.70 2.26 0.00	28.11 1.88 -0.64

KENSICO____ 23655	32.43 1.70 0.00	31.52 1.50 0.00	29.05 1.26 0.00	30.43 1.32 0.00	29.96 1.40 0.00	37.98 1.92 0.00	37.78 2.22 0.00	33.63 2.28 0.00	20.92 1.41 0.00	26.24 1.71 0.00	23.06 1.51 0.00	14.06 0.86 -0.52	14.46 0.81 -1.02	18.81 1.08 -0.53	23.22 1.32 -0.28	28.33 1.63 -0.13	46.70 2.77 0.00	35.76 2.22 0.00	32.41 2.15 0.00	39.85 2.58 0.00	39.88 2.60 0.00	44.24 2.80 0.00	32.48 2.04 0.00	27.01 1.77 0.35
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	32.56 1.83 0.00	31.66 1.64 0.00	29.18 1.39 0.00	30.58 1.47 0.00	30.09 1.53 0.00	38.17 2.11 0.00	37.94 2.38 0.00	33.68 2.33 0.00	20.93 1.42 0.00	26.14 1.61 0.00	22.91 1.36 0.00	13.45 0.76 0.00	13.34 0.71 0.00	18.11 0.91 0.00	22.71 1.10 0.00	27.96 1.39 0.00	46.32 2.40 0.00	35.61 2.06 0.00	32.28 2.03 0.00	39.81 2.53 0.00	39.86 2.58 0.00	44.20 2.76 0.00	32.40 1.96 0.00	27.26 1.67 0.00
KIAC_JFK_GT1 23816	33.00 2.26 0.00	32.04 2.02 0.00	29.51 1.72 0.00	30.92 1.81 0.00	30.46 1.90 0.00	38.56 2.50 0.00	38.01 2.46 0.00	33.83 2.49 0.00	21.05 1.55 0.00	26.41 1.87 0.00	23.28 1.73 0.00	27.22 1.02 -13.51	40.11 0.98 -26.50	32.37 1.27 -13.90	30.53 1.55 -7.37	31.77 1.95 -3.25	47.06 3.13 -0.01	36.43 2.35 -0.53	40.78 2.27 -8.25	40.02 2.74 0.00	70.75 2.72 -30.75	44.48 3.04 0.00	32.91 2.47 0.00	41.63 2.20 -13.84
KIAC_JFK_GT2 23817	33.00 2.26 0.00	32.04 2.02 0.00	29.51 1.72 0.00	30.92 1.81 0.00	30.46 1.90 0.00	38.56 2.50 0.00	38.01 2.46 0.00	33.83 2.49 0.00	21.05 1.55 0.00	26.41 1.87 0.00	23.28 1.73 0.00	27.22 1.02 -13.51	40.11 0.98 -26.50	32.37 1.27 -13.90	30.53 1.55 -7.37	31.77 1.95 -3.25	47.06 3.13 -0.01	36.43 2.35 -0.53	40.78 2.27 -8.25	40.02 2.74 0.00	70.75 2.72 -30.75	44.48 3.04 0.00	32.91 2.47 0.00	41.63 2.20 -13.84
KIAC_JFK____ 323774	33.00 2.26 0.00	32.04 2.02 0.00	29.51 1.72 0.00	30.92 1.81 0.00	30.46 1.90 0.00	38.56 2.49 0.00	38.02 2.46 0.00	33.84 2.49 0.00	21.05 1.55 0.00	26.40 1.87 0.00	23.29 1.73 0.00	27.24 1.04 -13.51	40.14 1.01 -26.50	32.44 1.34 -13.90	30.62 1.64 -7.37	31.82 2.01 -3.25	47.06 3.13 -0.01	36.45 2.38 -0.53	40.80 2.29 -8.25	40.04 2.76 0.00	70.78 2.76 -30.75	44.48 3.04 0.00	32.91 2.47 0.00	41.63 2.20 -13.84
KINTIGH____ 23543	29.28 -1.46 0.00	28.44 -1.58 0.00	26.31 -1.48 0.00	27.48 -1.63 0.00	26.79 -1.77 0.00	33.69 -2.37 0.00	32.98 -2.58 0.00	29.25 -2.10 0.00	18.18 -1.20 0.13	23.07 -1.47 0.00	20.46 -1.09 0.00	12.09 -0.60 0.00	12.03 -0.60 0.00	16.31 -0.89 0.00	20.40 -1.21 0.00	25.18 -1.39 0.00	41.24 -2.69 0.00	29.31 -2.27 1.97	23.75 -2.39 4.12	34.63 -2.65 0.00	34.81 -2.46 0.00	39.18 -2.27 0.00	28.74 -1.70 0.00	23.92 -1.67 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	30.44 -0.30 0.00	29.99 -0.04 0.00	28.22 0.43 0.00	29.65 0.54 0.00	29.28 0.73 0.00	36.97 0.91 0.00	36.27 0.71 0.00	31.84 0.49 0.00	19.74 0.24 0.00	24.83 0.30 0.00	21.71 0.16 0.00	12.80 0.11 0.00	12.83 0.20 0.00	17.61 0.41 0.00	21.87 0.26 0.00	26.61 0.04 0.00	44.07 0.15 0.00	33.40 -0.15 0.00	30.11 -0.15 0.00	37.14 -0.14 0.00	27.20 -0.71 9.36	40.48 -0.96 0.00	25.35 -0.65 4.44	25.18 -0.41 0.00
LACHUTE__HYDRO 323717	33.03 2.30 0.00	32.02 2.00 0.00	29.81 2.03 0.00	31.44 2.34 0.00	31.11 2.55 0.00	39.27 3.21 0.00	39.49 3.93 0.00	34.51 3.16 0.00	20.99 1.49 0.00	26.15 1.62 0.00	22.45 0.89 0.00	13.14 0.45 0.00	13.04 0.41 0.00	17.88 0.68 0.00	22.92 1.31 0.00	28.29 1.73 0.00	47.17 3.24 0.00	36.42 2.87 0.00	33.44 3.18 0.00	41.03 3.75 0.00	40.95 3.67 0.00	45.18 3.74 0.00	32.58 2.14 0.00	27.56 1.97 0.00
LAWRNCV_115KV_TB1 80681	30.21 -0.52 0.00	29.75 -0.27 0.00	27.81 0.02 0.00	29.13 0.02 0.00	28.58 0.02 0.00	36.03 -0.03 0.00	35.26 -0.30 0.00	30.92 -0.42 0.00	19.16 -0.35 0.00	24.21 -0.32 0.00	21.22 -0.34 0.00	12.51 -0.18 0.00	12.48 -0.15 0.00	17.01 -0.19 0.00	21.28 -0.33 0.00	26.16 -0.40 0.00	43.41 -0.52 0.00	33.07 -0.48 0.00	29.83 -0.43 0.00	36.80 -0.48 0.00	37.90 -0.66 -1.29	40.69 -0.74 0.00	30.66 -0.39 -0.61	25.17 -0.42 0.00
LEDERLE____ 23769	32.25 1.52 0.00	31.33 1.31 0.00	28.82 1.04 0.00	30.19 1.08 0.00	29.73 1.17 0.00	37.72 1.65 0.00	37.50 1.94 0.00	33.43 2.09 0.00	20.79 1.29 0.00	26.06 1.53 0.00	22.89 1.34 0.00	13.46 0.77 0.00	13.37 0.74 0.00	18.18 0.98 0.00	22.80 1.19 0.00	28.05 1.48 0.00	46.48 2.56 0.00	35.58 2.04 0.00	32.27 2.01 0.00	39.72 2.44 0.00	39.77 2.49 0.00	44.09 2.65 0.00	32.32 1.88 0.00	27.04 1.62 0.17
LIGHTHSE_115KV_TB6 355974	30.20 -0.53 0.00	29.54 -0.47 0.00	27.42 -0.36 0.00	28.72 -0.39 0.00	28.12 -0.43 0.00	35.47 -0.59 0.00	34.85 -0.71 0.00	30.66 -0.68 0.00	19.00 -0.52 0.00	23.85 -0.68 0.00	20.97 -0.59 0.00	12.34 -0.35 0.00	12.22 -0.41 0.00	16.64 -0.56 0.00	21.01 -0.60 0.00	25.96 -0.61 0.00	42.74 -1.19 0.00	32.79 -0.76 0.00	29.55 -0.71 0.00	36.30 -0.97 0.00	36.41 -0.87 0.00	40.39 -1.05 0.00	29.60 -0.84 0.00	24.80 -0.79 0.00
LINDEN COGEN____ 23786	32.67 1.93 0.00	31.75 1.72 0.00	29.27 1.48 0.00	30.68 1.57 0.00	30.21 1.65 0.00	38.31 2.25 0.00	38.07 2.52 0.00	33.91 2.57 0.00	21.11 1.60 0.00	26.47 1.94 0.00	23.27 1.71 0.00	27.19 0.99 -13.51	40.07 0.93 -26.50	32.35 1.25 -13.90	30.51 1.53 -7.37	31.69 1.87 -3.25	47.05 3.12 -0.01	36.02 2.46 -0.01	32.64 2.38 0.00	40.15 2.87 0.00	40.16 2.88 0.00	44.56 3.12 0.00	32.72 2.28 0.00	41.43 2.00 -13.84
LINDHRST_69_KV_BK1 356055	32.77 2.03 0.00	31.81 1.79 0.00	29.48 1.69 0.00	30.75 1.64 0.00	30.27 1.71 0.00	38.25 2.19 0.00	38.52 2.96 0.00	34.15 2.80 0.00	20.91 1.41 0.00	26.28 1.75 0.00	25.62 1.63 -2.44	19.86 0.95 -6.23	11.98 0.82 1.48	17.29 1.07 0.98	22.34 1.24 0.52	29.46 1.68 -1.22	51.14 3.07 -4.15	51.14 2.33 -15.26	58.29 2.38 -25.65	49.08 2.81 -8.99	67.34 2.91 -27.16	78.28 3.17 -33.68	32.93 2.50 0.00	28.19 1.96 -0.64
LIPA_MISC_IPP 23656	32.37 1.64 0.00	31.42 1.40 0.00	29.26 1.48 0.00	30.50 1.39 0.00	30.06 1.50 0.00	37.87 1.81 0.00	38.48 2.92 0.00	34.08 2.74 0.00	20.61 1.10 0.00	25.96 1.42 0.00	24.31 1.30 -1.46	18.29 0.79 -4.82	10.47 0.58 2.73	16.93 0.71 0.98	-41.80 0.75 64.17	-62.82 1.10 90.48	-12.30 2.19 58.42	-1.50 1.63 36.68	47.84 2.13 -15.45	43.34 2.28 -3.78	43.94 2.52 -4.14	74.34 2.98 -29.93	32.80 2.36 0.00	27.88 1.65 -0.64
LISF__SOLAR 323691	32.41 1.67 0.00	31.46 1.44 0.00	29.30 1.52 0.00	30.55 1.44 0.00	30.10 1.54 0.00	37.92 1.86 0.00	38.55 2.99 0.00	34.14 2.80 0.00	20.62 1.11 0.00	25.96 1.43 0.00	24.32 1.30 -1.47	18.30 0.78 -4.82	10.48 0.57 2.72	16.92 0.70 0.98	-74.35 0.76 96.72	-109.30 1.12 136.99	-43.68 2.24 89.85	-23.52 1.67 58.73	47.96 2.17 -15.54	43.47 2.36 -3.83	44.21 2.59 -4.35	74.48 3.08 -29.96	32.87 2.43 0.00	27.93 1.70 -0.64

LITTLE FALLS___HYD 24013	31.09 0.36 0.00	30.22 0.20 0.00	27.91 0.12 0.00	29.27 0.16 0.00	28.82 0.26 0.00	36.42 0.35 0.00	36.05 0.50 0.00	31.36 0.02 0.00	19.26 -0.25 0.00	23.86 -0.67 0.00	20.77 -0.78 0.00	12.17 -0.52 0.00	12.15 -0.48 0.00	16.52 -0.68 0.00	21.16 -0.45 0.00	26.24 -0.33 0.00	43.85 -0.07 0.00	33.79 0.24 0.00	30.50 0.25 0.00	37.59 0.31 0.00	37.67 0.39 0.00	41.85 0.40 0.00	30.78 0.34 0.00	25.86 0.27 0.00
LITTLRIV_115KV_TB1 356100	30.64 -0.10 0.00	30.16 0.14 0.00	28.20 0.42 0.00	29.55 0.44 0.00	29.00 0.44 0.00	36.58 0.52 0.00	35.83 0.27 0.00	31.32 -0.03 0.00	19.30 -0.21 0.00	24.35 -0.18 0.00	21.32 -0.23 0.00	12.60 -0.09 0.00	12.64 0.01 0.00	17.23 0.04 0.00	21.49 -0.12 0.00	26.42 -0.15 0.00	44.06 0.13 0.00	33.57 0.02 0.00	30.29 0.03 0.00	37.43 0.16 0.00	38.67 -0.03 -1.42	41.37 -0.07 0.00	31.16 0.05 -0.67	25.57 -0.02 0.00
LI_NEWBRDGE___DRP 323616	32.36 1.63 0.00	31.43 1.41 0.00	29.11 1.32 0.00	30.39 1.28 0.00	29.90 1.34 0.00	37.81 1.75 0.00	37.97 2.41 0.00	33.68 2.33 0.00	20.72 1.21 0.00	26.06 1.53 0.00	23.95 1.46 -0.94	17.61 0.85 -4.06	10.00 0.76 3.39	17.21 0.99 0.98	22.24 1.15 0.52	28.14 1.51 -0.06	49.04 2.64 -2.48	37.49 2.01 -1.93	41.04 2.01 -8.77	40.56 2.37 -0.91	26.03 2.41 13.66	71.84 2.60 -27.80	32.49 2.05 0.00	27.86 1.63 -0.64
LOCKPORT_115KV_TB60_63_64 80432	28.94 -1.80 0.00	28.08 -1.95 0.00	25.96 -1.82 0.00	27.10 -2.01 0.00	26.38 -2.17 0.00	33.17 -2.89 0.00	32.41 -3.15 0.00	28.82 -2.53 0.00	17.94 -1.37 0.20	22.82 -1.71 0.00	20.25 -1.30 0.00	11.98 -0.71 0.00	11.90 -0.73 0.00	16.09 -1.11 0.00	20.06 -1.55 0.00	24.78 -1.79 0.00	40.50 -3.42 0.00	27.88 -2.82 2.85	21.43 -2.86 5.96	33.91 -3.37 0.00	34.20 -3.08 0.00	38.66 -2.78 0.00	28.35 -2.09 0.00	23.52 -2.07 0.00
LOCKPORT___CC1 323769	28.96 -1.78 0.00	28.09 -1.93 0.00	25.97 -1.82 0.00	27.10 -2.01 0.00	26.39 -2.17 0.00	33.17 -2.89 0.00	32.40 -3.16 0.00	28.81 -2.54 0.00	17.91 -1.39 0.21	22.80 -1.73 0.00	20.24 -1.31 0.00	12.01 -0.68 0.00	11.90 -0.73 0.00	16.08 -1.12 0.00	20.05 -1.56 0.00	24.77 -1.80 0.00	40.52 -3.41 0.00	27.70 -2.79 3.06	21.00 -2.84 6.41	33.93 -3.34 0.00	34.21 -3.07 0.00	38.65 -2.79 0.00	28.35 -2.09 0.00	23.52 -2.07 0.00
LOCKPORT___CC2 323770	28.96 -1.78 0.00	28.09 -1.93 0.00	25.97 -1.82 0.00	27.10 -2.01 0.00	26.39 -2.17 0.00	33.17 -2.89 0.00	32.40 -3.16 0.00	28.81 -2.54 0.00	17.91 -1.39 0.21	22.80 -1.73 0.00	20.24 -1.31 0.00	12.01 -0.68 0.00	11.90 -0.73 0.00	16.08 -1.12 0.00	20.05 -1.56 0.00	24.77 -1.80 0.00	40.52 -3.41 0.00	27.70 -2.79 3.06	21.00 -2.84 6.41	33.93 -3.34 0.00	34.21 -3.07 0.00	38.65 -2.79 0.00	28.35 -2.09 0.00	23.52 -2.07 0.00
LOCKPORT___CC3 323771	28.96 -1.78 0.00	28.09 -1.93 0.00	25.97 -1.82 0.00	27.10 -2.01 0.00	26.39 -2.17 0.00	33.17 -2.89 0.00	32.40 -3.16 0.00	28.81 -2.54 0.00	17.91 -1.39 0.21	22.80 -1.73 0.00	20.24 -1.31 0.00	12.01 -0.68 0.00	11.90 -0.73 0.00	16.08 -1.12 0.00	20.05 -1.56 0.00	24.77 -1.80 0.00	40.52 -3.41 0.00	27.70 -2.79 3.06	21.00 -2.84 6.41	33.93 -3.34 0.00	34.21 -3.07 0.00	38.65 -2.79 0.00	28.35 -2.09 0.00	23.52 -2.07 0.00
LONG_LAKE_PHOENIX 24014	30.13 -0.61 0.00	29.40 -0.62 0.00	27.19 -0.60 0.00	28.47 -0.63 0.00	27.91 -0.65 0.00	35.25 -0.81 0.00	34.78 -0.78 0.00	30.71 -0.64 0.00	19.11 -0.40 0.00	23.95 -0.59 0.00	21.05 -0.51 0.00	12.42 -0.27 0.00	12.35 -0.28 0.00	16.85 -0.35 0.00	21.24 -0.37 0.00	26.10 -0.47 0.00	43.12 -0.80 0.00	32.87 -0.68 0.00	29.62 -0.64 0.00	36.55 -0.73 0.00	36.63 -0.65 0.00	40.70 -0.74 0.00	29.83 -0.61 0.00	25.02 -0.57 0.00
LOVETT___3 23632	32.16 1.43 0.00	31.24 1.22 0.00	28.76 0.98 0.00	30.13 1.02 0.00	29.67 1.11 0.00	37.62 1.55 0.00	37.40 1.84 0.00	33.32 1.98 0.00	20.73 1.22 0.00	25.99 1.45 0.00	22.83 1.28 0.00	13.42 0.73 0.00	13.33 0.69 0.00	18.12 0.92 0.00	22.73 1.11 0.00	27.95 1.38 0.00	46.30 2.37 0.00	35.44 1.89 0.00	32.14 1.88 0.00	39.54 2.27 0.00	39.58 2.31 0.00	43.89 2.45 0.00	32.21 1.77 0.00	26.93 1.53 0.19
LOVETT___4 23642	32.16 1.43 0.00	31.24 1.22 0.00	28.76 0.98 0.00	30.13 1.02 0.00	29.67 1.11 0.00	37.62 1.55 0.00	37.40 1.84 0.00	33.32 1.98 0.00	20.73 1.22 0.00	25.99 1.45 0.00	22.83 1.28 0.00	13.42 0.73 0.00	13.33 0.69 0.00	18.12 0.92 0.00	22.73 1.11 0.00	27.95 1.38 0.00	46.30 2.37 0.00	35.44 1.89 0.00	32.14 1.88 0.00	39.54 2.27 0.00	39.58 2.31 0.00	43.89 2.45 0.00	32.21 1.77 0.00	26.93 1.53 0.19
LOVETT___5 23593	32.16 1.43 0.00	31.24 1.22 0.00	28.76 0.98 0.00	30.13 1.02 0.00	29.67 1.11 0.00	37.62 1.55 0.00	37.40 1.84 0.00	33.32 1.98 0.00	20.73 1.22 0.00	25.99 1.45 0.00	22.83 1.28 0.00	13.42 0.73 0.00	13.33 0.69 0.00	18.12 0.92 0.00	22.73 1.11 0.00	27.95 1.38 0.00	46.30 2.37 0.00	35.44 1.89 0.00	32.14 1.88 0.00	39.54 2.27 0.00	39.58 2.31 0.00	43.89 2.45 0.00	32.21 1.77 0.00	26.93 1.53 0.19
LOWER RAQUET___HYD 24057	30.05 -0.69 0.00	29.60 -0.42 0.00	27.67 -0.11 0.00	29.00 -0.11 0.00	28.46 -0.10 0.00	35.88 -0.18 0.00	35.11 -0.44 0.00	30.77 -0.58 0.00	19.05 -0.46 0.00	24.06 -0.47 0.00	21.08 -0.48 0.00	12.43 -0.26 0.00	12.40 -0.23 0.00	16.90 -0.30 0.00	21.14 -0.47 0.00	26.00 -0.57 0.00	43.15 -0.78 0.00	32.90 -0.65 0.00	29.67 -0.58 0.00	36.60 -0.67 0.00	37.95 -0.86 -1.54	40.45 -0.99 0.00	30.57 -0.60 -0.73	25.01 -0.58 0.00
LOWER___HUDSON 24059	31.59 0.85 0.00	30.73 0.71 0.00	28.38 0.60 0.00	29.80 0.69 0.00	29.32 0.76 0.00	37.13 1.07 0.00	36.87 1.31 0.00	32.56 1.21 0.00	20.20 0.70 0.00	25.31 0.78 0.00	22.09 0.53 0.00	12.96 0.27 0.00	12.92 0.28 0.00	17.62 0.42 0.00	22.17 0.56 0.00	27.31 0.74 0.00	45.23 1.30 0.00	34.72 1.17 0.00	31.41 1.16 0.00	38.59 1.31 0.00	38.59 1.31 0.00	42.81 1.37 0.00	31.43 0.99 0.00	26.51 0.92 0.00
LOWVILLE_115KV_TB2 356335	30.72 -0.02 0.00	30.30 0.28 0.00	28.29 0.50 0.00	29.63 0.53 0.00	28.99 0.43 0.00	36.48 0.42 0.00	35.57 0.01 0.00	31.12 -0.23 0.00	19.20 -0.31 0.00	24.25 -0.29 0.00	21.12 -0.44 0.00	12.43 -0.26 0.00	12.16 -0.47 0.00	16.54 -0.66 0.00	20.80 -0.81 0.00	25.93 -0.64 0.00	43.03 -0.90 0.00	33.21 -0.35 0.00	29.99 -0.27 0.00	36.78 -0.50 0.00	37.25 -0.47 -0.44	40.58 -0.85 0.00	29.73 -0.91 -0.21	24.80 -0.79 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	32.11 1.37 0.00	31.26 1.24 0.00	28.88 1.10 0.00	30.35 1.24 0.00	29.85 1.30 0.00	37.90 1.84 0.00	37.69 2.13 0.00	33.24 1.89 0.00	20.52 1.01 0.00	25.64 1.11 0.00	22.33 0.77 0.00	13.10 0.41 0.00	13.06 0.43 0.00	17.84 0.64 0.00	22.51 0.90 0.00	27.82 1.25 0.00	46.17 2.24 0.00	35.46 1.91 0.00	32.11 1.85 0.00	39.54 2.26 0.00	39.47 2.19 0.00	43.76 2.32 0.00	32.04 1.60 0.00	26.98 1.39 0.00

LUTHERNY_35_KV_BK2 355980	32.13 1.40 0.00	31.30 1.28 0.00	28.88 1.10 0.00	30.41 1.30 0.00	29.87 1.31 0.00	37.90 1.84 0.00	37.68 2.12 0.00	33.24 1.89 0.00	20.52 1.01 0.00	25.65 1.12 0.00	22.34 0.78 0.00	13.11 0.42 0.00	13.07 0.44 0.00	17.87 0.67 0.00	22.53 0.92 0.00	27.83 1.26 0.00	46.22 2.29 0.00	35.46 1.91 0.00	32.12 1.86 0.00	39.58 2.31 0.00	39.49 2.22 0.00	43.82 2.38 0.00	32.05 1.61 0.00	26.98 1.39 0.00
LWR___OSWEGATCHIE_HYD 23850	30.23 -0.51 0.00	29.77 -0.24 0.00	27.84 0.05 0.00	29.17 0.06 0.00	28.57 0.01 0.00	36.00 -0.06 0.00	35.17 -0.39 0.00	30.80 -0.55 0.00	19.02 -0.49 0.00	24.01 -0.53 0.00	21.00 -0.56 0.00	12.37 -0.32 0.00	12.23 -0.40 0.00	16.65 -0.55 0.00	20.89 -0.72 0.00	25.87 -0.70 0.00	42.87 -1.05 0.00	32.91 -0.64 0.00	29.70 -0.56 0.00	36.49 -0.78 0.00	37.48 -0.84 -1.04	40.33 -1.11 0.00	30.05 -0.89 -0.49	24.79 -0.81 0.00
LYONS_FALL_HYD 23570	31.00 0.26 0.00	30.44 0.42 0.00	28.30 0.52 0.00	29.66 0.55 0.00	29.04 0.48 0.00	36.62 0.56 0.00	35.88 0.33 0.00	31.47 0.12 0.00	19.45 -0.05 0.00	24.51 -0.02 0.00	21.38 -0.18 0.00	12.60 -0.09 0.00	12.39 -0.24 0.00	16.88 -0.33 0.00	21.26 -0.35 0.00	26.40 -0.17 0.00	43.72 -0.21 0.00	33.63 0.08 0.00	30.34 0.08 0.00	37.29 0.01 0.00	37.62 0.05 -0.30	41.25 -0.19 0.00	30.24 -0.35 -0.14	25.28 -0.31 0.00
MADISON___COUNTY_LFGE 323628	31.50 0.76 0.00	30.72 0.70 0.00	28.41 0.63 0.00	29.76 0.65 0.00	29.16 0.60 0.00	36.84 0.78 0.00	36.36 0.80 0.00	31.98 0.63 0.00	19.79 0.29 0.00	24.80 0.27 0.00	21.67 0.12 0.00	12.80 0.11 0.00	12.71 0.08 0.00	17.36 0.16 0.00	21.91 0.30 0.00	27.12 0.55 0.00	44.77 0.84 0.00	34.24 0.70 0.00	30.84 0.58 0.00	38.08 0.81 0.00	38.15 0.88 0.00	42.30 0.86 0.00	30.92 0.48 0.00	25.94 0.35 0.00
MALONE___115KV_TB1 356076	30.26 -0.47 0.00	29.87 -0.15 0.00	28.04 0.26 0.00	29.42 0.31 0.00	29.02 0.46 0.00	36.67 0.60 0.00	35.96 0.40 0.00	31.60 0.25 0.00	19.60 0.10 0.00	24.66 0.13 0.00	21.55 0.00 0.00	12.67 -0.02 0.00	12.71 0.08 0.00	17.40 0.20 0.00	21.62 0.00 0.00	26.40 -0.17 0.00	43.72 -0.20 0.00	33.18 -0.37 0.00	29.99 -0.26 0.00	37.01 -0.26 0.00	43.08 -0.77 -6.58	40.44 -1.00 0.00	32.87 -0.69 -3.12	25.07 -0.52 0.00
MAPLEWOD_115KV_TB3 80458	31.56 0.83 0.00	30.75 0.72 0.00	28.39 0.60 0.00	29.78 0.67 0.00	29.29 0.73 0.00	37.04 0.98 0.00	36.78 1.22 0.00	32.49 1.14 0.00	20.19 0.68 0.00	25.30 0.77 0.00	22.12 0.56 0.00	12.99 0.30 0.00	12.93 0.30 0.00	17.64 0.45 0.00	22.20 0.59 0.00	27.32 0.75 0.00	45.22 1.29 0.00	34.71 1.16 0.00	31.37 1.12 0.00	38.50 1.22 0.00	38.52 1.24 0.00	42.73 1.29 0.00	31.42 0.98 0.00	26.49 0.90 0.00
MAPLE_RIDGE_WT_1 323574	30.25 -0.49 0.00	29.84 -0.18 0.00	27.79 0.01 0.00	29.08 -0.03 0.00	28.38 -0.18 0.00	35.62 -0.44 0.00	34.90 -0.66 0.00	30.79 -0.56 0.00	19.18 -0.33 0.00	24.18 -0.36 0.00	21.12 -0.44 0.00	12.44 -0.25 0.00	12.37 -0.26 0.00	16.82 -0.38 0.00	21.10 -0.51 0.00	25.94 -0.63 0.00	43.12 -0.80 0.00	32.97 -0.58 0.00	29.73 -0.52 0.00	36.63 -0.65 0.00	36.57 -0.71 0.00	40.51 -0.94 0.00	29.69 -0.75 0.00	24.98 -0.61 0.00
MAPLE_RIDGE_WT_2 323611	30.25 -0.49 0.00	29.84 -0.18 0.00	27.79 0.01 0.00	29.08 -0.03 0.00	28.38 -0.18 0.00	35.62 -0.44 0.00	34.90 -0.66 0.00	30.79 -0.56 0.00	19.18 -0.33 0.00	24.18 -0.36 0.00	21.12 -0.44 0.00	12.44 -0.25 0.00	12.37 -0.26 0.00	16.82 -0.38 0.00	21.10 -0.51 0.00	25.94 -0.63 0.00	43.12 -0.80 0.00	32.97 -0.58 0.00	29.73 -0.52 0.00	36.63 -0.65 0.00	36.57 -0.71 0.00	40.51 -0.94 0.00	29.69 -0.75 0.00	24.98 -0.61 0.00
MARBLE_RIVER_WT_PWR 323696	30.10 -0.64 0.00	29.67 -0.35 0.00	27.90 0.12 0.00	29.31 0.20 0.00	28.94 0.38 0.00	36.53 0.47 0.00	35.83 0.28 0.00	31.48 0.14 0.00	19.57 0.07 0.00	24.64 0.11 0.00	21.55 0.00 0.00	12.69 0.00 0.00	12.72 0.09 0.00	17.42 0.22 0.00	21.63 0.01 0.00	26.32 -0.25 0.00	43.53 -0.40 0.00	32.99 -0.56 0.00	29.80 -0.46 0.00	36.74 -0.54 0.00	26.96 -1.14 9.18	40.07 -1.37 0.00	25.16 -0.92 4.36	24.93 -0.66 0.00
MARSHVLE_115KV_TB1 80742	32.50 1.76 0.00	31.82 1.80 0.00	29.47 1.69 0.00	30.85 1.74 0.00	30.21 1.65 0.00	38.16 2.10 0.00	37.42 1.87 0.00	32.62 1.27 0.00	20.01 0.50 0.00	24.97 0.44 0.00	21.91 0.36 0.00	12.95 0.26 0.00	12.90 0.27 0.00	17.55 0.35 0.00	22.31 0.70 0.00	27.62 1.05 0.00	45.90 1.97 0.00	34.95 1.40 0.00	31.55 1.29 0.00	39.10 1.83 0.00	39.16 1.89 0.00	43.77 2.33 0.00	32.04 1.60 0.00	26.81 1.22 0.00
MARSH_HILL_WT_PWR 323713	30.88 0.14 0.00	29.67 -0.35 0.00	27.17 -0.62 0.00	27.95 -1.16 0.00	26.90 -1.65 0.00	33.47 -2.59 0.00	32.54 -3.02 0.00	28.88 -2.47 0.00	18.95 -1.39 -0.83	22.75 -1.79 0.00	20.08 -1.48 0.00	11.81 -0.87 0.00	11.82 -0.81 0.00	16.16 -1.04 0.00	19.90 -1.71 0.00	24.49 -2.08 0.00	40.99 -2.93 0.00	44.00 -2.34 -12.79	54.25 -2.75 -26.75	34.79 -2.49 0.00	35.24 -2.04 0.00	39.48 -1.96 0.00	29.26 -1.18 0.00	24.05 -1.54 0.00
MCINTYRE_115KV_TB2 80467	30.99 0.25 0.00	30.49 0.47 0.00	28.50 0.71 0.00	29.85 0.74 0.00	29.30 0.74 0.00	36.95 0.89 0.00	36.21 0.65 0.00	31.61 0.27 0.00	19.45 -0.06 0.00	24.55 0.02 0.00	21.52 -0.03 0.00	12.72 0.03 0.00	12.78 0.15 0.00	17.42 0.22 0.00	21.71 0.10 0.00	26.72 0.15 0.00	44.61 0.68 0.00	33.94 0.39 0.00	30.62 0.37 0.00	37.91 0.63 0.00	38.94 0.44 -1.22	41.93 0.48 0.00	31.48 0.46 -0.58	25.91 0.32 0.00
MECO_____69_KV_BK1 80468	32.78 2.04 0.00	32.02 2.00 0.00	29.62 1.83 0.00	31.04 1.93 0.00	30.45 1.89 0.00	38.52 2.46 0.00	37.95 2.40 0.00	32.97 1.63 0.00	20.02 0.52 0.00	24.76 0.23 0.00	21.59 0.04 0.00	12.75 0.06 0.00	12.68 0.05 0.00	17.30 0.10 0.00	22.08 0.47 0.00	27.59 1.03 0.00	46.46 2.53 0.00	35.56 2.01 0.00	32.04 1.78 0.00	39.73 2.46 0.00	39.77 2.49 0.00	44.27 2.83 0.00	32.39 1.95 0.00	27.13 1.54 0.00
MENANDS___115KV_TB5 355628	31.43 0.70 0.00	30.60 0.58 0.00	28.26 0.47 0.00	29.64 0.53 0.00	29.16 0.61 0.00	36.87 0.81 0.00	36.62 1.06 0.00	32.36 1.01 0.00	20.12 0.61 0.00	25.24 0.71 0.00	22.07 0.52 0.00	12.96 0.27 0.00	12.91 0.28 0.00	17.61 0.41 0.00	22.14 0.53 0.00	27.23 0.66 0.00	45.03 1.10 0.00	34.55 1.00 0.00	31.25 1.00 0.00	38.31 1.03 0.00	38.33 1.05 0.00	42.52 1.08 0.00	31.28 0.84 0.00	26.38 0.79 0.00
MG INDUSTRY___DRP 24185	31.46 0.72 0.00	30.65 0.63 0.00	28.31 0.53 0.00	29.69 0.58 0.00	29.19 0.63 0.00	36.90 0.84 0.00	36.58 1.02 0.00	32.22 0.87 0.00	19.96 0.46 0.00	25.02 0.48 0.00	21.90 0.35 0.00	12.87 0.18 0.00	12.82 0.18 0.00	17.50 0.30 0.00	22.02 0.40 0.00	27.14 0.58 0.00	44.98 1.06 0.00	34.42 0.87 0.00	31.12 0.86 0.00	38.26 0.98 0.00	38.28 1.01 0.00	42.48 1.04 0.00	31.27 0.83 0.00	26.35 0.76 0.00

MID___OSWEGATCHIE_HYD 23849	30.23 -0.51 0.00	29.77 -0.24 0.00	27.84 0.05 0.00	29.17 0.06 0.00	28.57 0.01 0.00	36.00 -0.06 0.00	35.17 -0.39 0.00	30.80 -0.55 0.00	19.02 -0.49 0.00	24.01 -0.53 0.00	21.00 -0.56 0.00	12.37 -0.32 0.00	12.23 -0.40 0.00	16.65 -0.55 0.00	20.89 -0.72 0.00	25.87 -0.70 0.00	42.87 -1.05 0.00	32.91 -0.64 0.00	29.70 -0.56 0.00	36.49 -0.78 0.00	37.48 -0.84 -1.04	40.33 -1.11 0.00	30.05 -0.89 -0.49	24.79 -0.81 0.00
MID___RAQUETTE_HYD 23851	30.05 -0.69 0.00	29.60 -0.42 0.00	27.67 -0.11 0.00	29.00 -0.11 0.00	28.46 -0.10 0.00	35.88 -0.18 0.00	35.11 -0.44 0.00	30.77 -0.58 0.00	19.05 -0.46 0.00	24.06 -0.47 0.00	21.08 -0.48 0.00	12.43 -0.26 0.00	12.40 -0.23 0.00	16.90 -0.30 0.00	21.13 -0.48 0.00	26.00 -0.57 0.00	43.15 -0.78 0.00	32.90 -0.65 0.00	29.68 -0.58 0.00	36.60 -0.67 0.00	37.95 -0.86 -1.54	40.45 -0.99 0.00	30.57 -0.60 -0.73	25.01 -0.58 0.00
MILLIKEN___1 23584	31.32 0.58 0.00	30.51 0.49 0.00	28.19 0.40 0.00	29.46 0.35 0.00	28.83 0.27 0.00	36.43 0.37 0.00	35.95 0.39 0.00	31.66 0.31 0.00	19.70 0.13 -0.06	24.46 -0.07 0.00	21.47 -0.09 0.00	12.63 -0.06 0.00	12.63 0.00 0.00	17.23 0.03 0.00	21.77 0.16 0.00	26.73 0.16 0.00	44.15 0.22 0.00	34.63 0.12 -0.96	32.33 0.07 -2.00	37.65 0.37 0.00	37.76 0.48 0.00	41.99 0.55 0.00	30.71 0.27 0.00	25.73 0.14 0.00
MILLIKEN___2 23585	31.32 0.58 0.00	30.51 0.49 0.00	28.19 0.40 0.00	29.46 0.35 0.00	28.83 0.27 0.00	36.43 0.37 0.00	35.95 0.39 0.00	31.66 0.31 0.00	19.70 0.13 -0.06	24.46 -0.07 0.00	21.47 -0.09 0.00	12.63 -0.06 0.00	12.63 0.00 0.00	17.23 0.03 0.00	21.77 0.16 0.00	26.73 0.16 0.00	44.15 0.22 0.00	34.63 0.12 -0.96	32.33 0.07 -2.00	37.65 0.37 0.00	37.76 0.48 0.00	41.99 0.55 0.00	30.71 0.27 0.00	25.73 0.14 0.00
MILLIKEN___DIESEL 23629	31.32 0.58 0.00	30.51 0.49 0.00	28.19 0.40 0.00	29.46 0.35 0.00	28.83 0.27 0.00	36.43 0.37 0.00	35.95 0.39 0.00	31.66 0.31 0.00	19.70 0.13 -0.06	24.46 -0.07 0.00	21.47 -0.09 0.00	12.63 -0.06 0.00	12.63 0.00 0.00	17.23 0.03 0.00	21.77 0.16 0.00	26.73 0.16 0.00	44.15 0.22 0.00	34.63 0.12 -0.96	32.33 0.07 -2.00	37.65 0.37 0.00	37.76 0.48 0.00	41.99 0.55 0.00	30.71 0.27 0.00	25.73 0.14 0.00
MILLSEAT___LFGE 323607	29.53 -1.21 0.00	28.66 -1.36 0.00	26.50 -1.28 0.00	27.67 -1.44 0.00	26.98 -1.58 0.00	33.96 -2.10 0.00	33.27 -2.29 0.00	29.69 -1.66 0.00	18.47 -0.84 0.19	23.32 -1.22 0.00	20.63 -0.92 0.00	12.18 -0.50 0.00	12.12 -0.51 0.00	16.42 -0.78 0.00	20.47 -1.15 0.00	25.35 -1.22 0.00	41.49 -2.44 0.00	29.04 -2.14 2.37	23.04 -2.26 4.96	34.79 -2.48 0.00	35.11 -2.17 0.00	39.56 -1.88 0.00	28.98 -1.46 0.00	24.04 -1.55 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	32.35 1.61 0.00	31.44 1.42 0.00	28.96 1.18 0.00	30.35 1.24 0.00	29.88 1.32 0.00	37.88 1.82 0.00	37.68 2.12 0.00	33.53 2.19 0.00	20.86 1.35 0.00	26.16 1.63 0.00	22.99 1.43 0.00	13.92 0.81 -0.42	14.22 0.77 -0.82	18.65 1.02 -0.43	23.09 1.25 -0.23	28.22 1.55 -0.10	46.55 2.62 0.00	35.67 2.12 0.00	32.31 2.06 0.00	39.74 2.47 0.00	39.77 2.50 0.00	44.12 2.68 0.00	32.39 1.95 0.00	27.00 1.69 0.28
MILLWOOD_13_KV_LOAD 356217	32.38 1.65 0.00	31.47 1.45 0.00	29.00 1.21 0.00	30.39 1.28 0.00	29.91 1.36 0.00	37.92 1.86 0.00	37.73 2.17 0.00	33.58 2.23 0.00	20.88 1.37 0.00	26.19 1.66 0.00	23.01 1.45 0.00	13.93 0.82 -0.42	14.23 0.78 -0.82	18.66 1.03 -0.43	23.11 1.27 -0.23	28.25 1.58 -0.10	46.61 2.68 0.00	35.71 2.16 0.00	32.36 2.10 0.00	39.80 2.52 0.00	39.83 2.55 0.00	44.16 2.72 0.00	32.44 2.00 0.00	27.04 1.73 0.28
MODEL_CITY_ENERGY 24167	28.63 -2.11 0.00	27.78 -2.24 0.00	25.70 -2.09 0.00	26.83 -2.28 0.00	26.12 -2.44 0.00	32.82 -3.24 0.00	32.08 -3.48 0.00	28.52 -2.83 0.00	17.76 -1.54 0.21	22.61 -1.92 0.00	20.09 -1.47 0.00	11.93 -0.76 0.00	11.81 -0.82 0.00	15.91 -1.29 0.00	19.85 -1.77 0.00	24.51 -2.06 0.00	40.05 -3.88 0.00	27.50 -3.06 2.99	20.95 -3.05 6.27	33.53 -3.75 0.00	33.80 -3.47 0.00	38.24 -3.20 0.00	28.06 -2.38 0.00	23.29 -2.30 0.00
MODERN_LFGE___ 323580	28.63 -2.11 0.00	27.78 -2.24 0.00	25.70 -2.09 0.00	26.83 -2.28 0.00	26.12 -2.44 0.00	32.82 -3.24 0.00	32.08 -3.48 0.00	28.52 -2.83 0.00	17.76 -1.54 0.21	22.61 -1.92 0.00	20.09 -1.47 0.00	11.93 -0.76 0.00	11.81 -0.82 0.00	15.91 -1.29 0.00	19.85 -1.77 0.00	24.51 -2.06 0.00	40.05 -3.88 0.00	27.50 -3.06 2.99	20.95 -3.05 6.27	33.53 -3.75 0.00	33.80 -3.47 0.00	38.24 -3.20 0.00	28.06 -2.38 0.00	23.29 -2.30 0.00
MOHAWK_PAPER___DRP 24187	31.56 0.83 0.00	30.75 0.72 0.00	28.39 0.60 0.00	29.78 0.67 0.00	29.29 0.73 0.00	37.04 0.98 0.00	36.78 1.22 0.00	32.49 1.14 0.00	20.19 0.68 0.00	25.30 0.77 0.00	22.12 0.56 0.00	12.99 0.30 0.00	12.93 0.30 0.00	17.64 0.45 0.00	22.20 0.59 0.00	27.32 0.75 0.00	45.22 1.29 0.00	34.71 1.16 0.00	31.37 1.12 0.00	38.50 1.22 0.00	38.52 1.24 0.00	42.73 1.29 0.00	31.42 0.98 0.00	26.49 0.90 0.00
MOHICAN___35_KV_115KV_LD 80490	32.27 1.54 0.00	31.39 1.36 0.00	29.04 1.26 0.00	30.53 1.42 0.00	30.09 1.53 0.00	38.19 2.13 0.00	38.09 2.53 0.00	33.58 2.23 0.00	20.64 1.13 0.00	25.75 1.22 0.00	22.33 0.77 0.00	13.09 0.40 0.00	13.02 0.39 0.00	17.82 0.62 0.00	22.55 0.94 0.00	27.93 1.36 0.00	46.38 2.45 0.00	35.70 2.15 0.00	32.45 2.19 0.00	39.92 2.64 0.00	39.84 2.57 0.00	44.10 2.66 0.00	32.18 1.74 0.00	27.10 1.51 0.00
MONGAUP___HYD 23641	32.22 1.48 0.00	31.32 1.30 0.00	28.85 1.06 0.00	30.23 1.12 0.00	29.74 1.18 0.00	37.70 1.63 0.00	37.43 1.87 0.00	33.02 1.67 0.00	20.45 0.94 0.00	25.58 1.05 0.00	22.44 0.89 0.00	13.19 0.50 0.00	13.10 0.47 0.00	17.81 0.61 0.00	22.35 0.74 0.00	27.47 0.91 0.00	45.62 1.69 0.00	35.07 1.52 0.00	31.87 1.61 0.00	39.24 1.97 0.00	39.38 2.10 0.00	43.91 2.47 0.00	32.17 1.73 0.00	26.96 1.45 0.09
MONTAUK___DIESEL 23721	32.73 1.99 0.00	31.63 1.61 0.00	29.30 1.52 0.00	30.60 1.49 0.00	30.23 1.67 0.00	38.66 2.60 0.00	39.78 4.22 0.00	35.22 3.88 0.00	21.19 1.68 0.00	26.61 2.08 0.00	24.82 1.80 -1.46	18.52 1.01 -4.82	10.46 0.56 2.73	16.65 0.43 0.98	-45.17 0.55 67.34	-67.48 0.96 95.01	-16.51 1.04 61.47	-4.45 0.81 38.81	47.18 1.44 -15.49	42.47 1.39 -3.80	43.16 1.66 -4.22	73.39 2.01 -29.94	32.02 1.58 0.00	27.13 0.89 -0.64
MOONROAD_115KV_HARTFLD_TB1-2 355988	30.41 -0.33 0.00	28.78 -1.24 0.00	26.45 -1.33 0.00	27.40 -1.71 0.00	26.51 -2.05 0.00	33.45 -2.61 0.00	32.55 -3.00 0.00	29.13 -2.22 0.00	18.02 -1.30 0.19	22.96 -1.57 0.00	20.39 -1.16 0.00	12.06 -0.63 0.00	12.08 -0.55 0.00	16.35 -0.85 0.00	20.42 -1.19 0.00	25.49 -1.08 0.00	42.52 -1.41 0.00	28.33 -2.64 2.58	22.35 -2.51 5.40	35.40 -1.88 0.00	35.76 -1.52 0.00	40.37 -1.07 0.00	29.13 -1.31 0.00	24.42 -1.17 0.00

MORRIS_RIDGE___SOLAR 323848	30.30 -0.44 0.00	29.19 -0.83 0.00	26.78 -1.01 0.00	27.77 -1.34 0.00	26.98 -1.58 0.00	33.83 -2.23 0.00	32.93 -2.63 0.00	29.21 -2.13 0.00	17.06 -1.23 1.22	22.80 -1.73 0.00	20.24 -1.32 0.00	11.92 -0.76 0.00	11.95 -0.68 0.00	16.25 -0.95 0.00	20.16 -1.45 0.00	24.93 -1.64 0.00	41.35 -2.58 0.00	13.06 -2.18 18.31	-10.43 -2.34 38.35	35.20 -2.07 0.00	35.59 -1.69 0.00	39.74 -1.70 0.00	28.99 -1.45 0.00	24.01 -1.58 0.00
MORTIMER_115KV_TB3 55949	29.83 -0.90 0.00	29.01 -1.01 0.00	26.83 -0.95 0.00	28.06 -1.05 0.00	27.41 -1.15 0.00	34.56 -1.50 0.00	33.96 -1.59 0.00	30.06 -1.29 0.00	18.76 -0.75 0.00	23.57 -0.96 0.00	20.88 -0.68 0.00	12.31 -0.38 0.00	12.26 -0.37 0.00	16.67 -0.53 0.00	20.88 -0.73 0.00	25.77 -0.80 0.00	42.31 -1.61 0.00	32.07 -1.48 0.00	28.67 -1.59 0.00	35.64 -1.64 0.00	35.79 -1.49 0.00	40.11 -1.34 0.00	29.40 -1.04 0.00	24.50 -1.10 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	32.67 1.94 0.00	31.77 1.75 0.00	29.27 1.48 0.00	30.67 1.56 0.00	30.19 1.63 0.00	38.28 2.22 0.00	38.07 2.51 0.00	33.90 2.55 0.00	21.09 1.59 0.00	26.46 1.93 0.00	23.26 1.71 0.00	32.57 0.98 -18.90	50.62 0.92 -37.07	37.87 1.23 -19.44	33.43 1.51 -10.31	32.98 1.86 -4.54	47.06 3.13 -0.01	36.04 2.48 -0.01	32.63 2.38 0.00	40.14 2.86 0.00	40.15 2.87 0.00	44.54 3.10 0.00	32.73 2.29 0.00	41.41 1.99 -13.83
MUNSVILLE_WIND_PWR 323609	33.45 2.71 0.00	32.57 2.55 0.00	30.04 2.26 0.00	31.28 2.17 0.00	30.29 1.73 0.00	37.85 1.79 0.00	37.24 1.68 0.00	32.33 0.99 0.00	19.84 0.28 -0.04	24.52 -0.01 0.00	21.49 -0.07 0.00	12.51 -0.18 0.00	12.39 -0.24 0.00	17.08 -0.12 0.00	21.63 0.02 0.00	26.72 0.15 0.00	43.89 -0.04 0.00	34.31 0.08 -0.69	32.01 0.32 -1.43	38.00 0.72 0.00	38.13 0.85 0.00	42.75 1.31 0.00	30.83 0.39 0.00	25.71 0.11 0.00
N SALMON___HYD 24042	30.26 -0.47 0.00	29.87 -0.15 0.00	28.04 0.25 0.00	29.42 0.31 0.00	29.02 0.46 0.00	36.67 0.60 0.00	35.96 0.40 0.00	31.60 0.25 0.00	19.60 0.10 0.00	24.66 0.13 0.00	21.55 0.00 0.00	12.67 -0.02 0.00	12.71 0.08 0.00	17.40 0.20 0.00	21.62 0.00 0.00	26.40 -0.17 0.00	43.73 -0.20 0.00	33.18 -0.37 0.00	29.99 -0.27 0.00	37.01 -0.26 0.00	43.08 -0.77 -6.58	40.44 -1.00 0.00	32.87 -0.69 -3.12	25.07 -0.52 0.00
N.AKRON__115KV_KNAPP 355671	29.38 -1.35 0.00	28.51 -1.51 0.00	26.36 -1.43 0.00	27.52 -1.59 0.00	26.82 -1.74 0.00	33.75 -2.31 0.00	33.02 -2.54 0.00	29.42 -1.92 0.00	18.31 -1.00 0.19	23.20 -1.33 0.00	20.55 -1.01 0.00	12.13 -0.56 0.00	12.07 -0.56 0.00	16.34 -0.86 0.00	20.38 -1.23 0.00	25.21 -1.36 0.00	41.22 -2.70 0.00	28.65 -2.34 2.56	22.45 -2.73 5.36	34.54 -2.45 0.00	34.84 -2.43 0.00	39.32 -2.12 0.00	28.81 -1.63 0.00	23.90 -1.69 0.00
N.BELMOR_69_KV_BK1 55787	32.55 1.81 0.00	31.59 1.57 0.00	29.24 1.46 0.00	30.54 1.43 0.00	30.05 1.49 0.00	38.03 1.96 0.00	38.15 2.59 0.00	33.84 2.50 0.00	20.84 1.33 0.00	26.19 1.65 0.00	27.74 1.56 -4.62	22.97 0.90 -9.37	14.75 0.82 -1.30	17.29 1.07 0.98	22.35 1.25 0.52	31.13 1.66 -2.91	53.38 2.91 -6.55	70.23 2.22 -34.46	83.35 2.20 -50.89	61.19 2.61 -21.29	133.13 2.66 -93.19	86.35 2.86 -42.05	32.65 2.21 0.00	28.02 1.79 -0.64
N.E_GEN_SANDY PD 24062	32.00 1.07 -0.20	30.92 0.90 0.00	28.53 0.75 0.00	29.94 0.83 0.00	29.48 0.92 0.00	37.33 1.26 0.00	37.10 1.55 0.00	32.89 1.54 0.00	20.45 0.94 0.00	25.96 1.16 -0.27	22.50 0.93 -0.01	13.19 0.50 0.00	13.12 0.49 0.00	17.87 0.67 0.00	22.46 0.85 0.00	27.57 1.00 0.00	45.54 1.70 0.09	37.94 1.46 -2.93	31.70 1.46 0.03	38.93 1.65 0.00	39.12 1.67 -0.16	42.07 1.76 1.13	31.74 1.30 0.00	26.79 1.20 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	32.18 1.45 0.00	31.26 1.24 0.00	28.76 0.98 0.00	30.14 1.03 0.00	29.67 1.11 0.00	37.64 1.58 0.00	37.41 1.85 0.00	33.35 2.00 0.00	20.74 1.23 0.00	25.99 1.46 0.00	22.83 1.28 0.00	13.42 0.73 0.00	13.34 0.71 0.00	18.13 0.93 0.00	22.74 1.13 0.00	27.97 1.40 0.00	46.34 2.41 0.00	35.48 1.93 0.00	32.17 1.92 0.00	39.60 2.33 0.00	39.64 2.36 0.00	43.96 2.52 0.00	32.24 1.80 0.00	26.97 1.56 0.18
N.QUEENS_27_KV_LOAD 356247	32.70 1.95 -0.01	31.89 1.87 -0.01	29.40 1.62 0.00	30.81 1.70 0.00	30.33 1.77 0.00	38.45 2.38 0.00	38.31 2.75 0.00	34.10 2.75 0.00	21.22 1.71 -0.01	26.58 2.04 -0.01	23.29 1.73 -0.01	27.17 0.96 -13.52	40.01 0.87 -26.51	32.29 1.19 -13.91	30.47 1.48 -7.38	31.66 1.84 -3.25	47.24 3.31 -0.01	36.52 2.66 -0.31	37.57 2.54 -4.78	40.33 3.05 0.00	58.13 3.10 -17.76	44.74 3.31 0.00	32.89 2.45 0.00	41.47 2.04 -13.84
N.TROY___115KV_TB1 355778	31.59 0.85 0.00	30.73 0.71 0.00	28.38 0.60 0.00	29.80 0.69 0.00	29.32 0.76 0.00	37.13 1.07 0.00	36.87 1.31 0.00	32.56 1.21 0.00	20.20 0.70 0.00	25.31 0.78 0.00	22.09 0.53 0.00	12.96 0.27 0.00	12.91 0.28 0.00	17.62 0.42 0.00	22.17 0.56 0.00	27.31 0.74 0.00	45.23 1.30 0.00	34.72 1.17 0.00	31.42 1.16 0.00	38.59 1.31 0.00	38.59 1.31 0.00	42.81 1.37 0.00	31.43 0.99 0.00	26.51 0.92 0.00
NARROWS_GT1_1 24228	47.97 2.24 -14.99	48.00 2.05 -15.93	47.97 1.79 -18.39	47.42 1.90 -16.42	47.38 1.98 -16.84	47.75 2.61 -9.07	48.16 2.91 -9.69	46.24 2.95 -11.95	48.07 1.85 -26.71	44.74 2.27 -17.93	46.00 2.00 -22.45	44.71 1.12 -30.90	46.05 1.01 -32.41	44.06 1.37 -25.50	43.23 1.69 -19.93	42.64 2.13 -13.94	52.23 3.61 -4.69	44.81 2.92 -8.33	47.64 2.76 -14.63	47.91 3.33 -7.31	44.90 3.31 -4.31	50.23 3.58 -5.20	43.22 2.71 -10.08	54.51 2.27 -26.65
NARROWS_GT1_2 24229	47.97 2.24 -14.99	48.00 2.05 -15.93	47.97 1.79 -18.39	47.42 1.90 -16.42	47.38 1.98 -16.84	47.75 2.61 -9.07	48.16 2.91 -9.69	46.24 2.95 -11.95	48.07 1.85 -26.71	44.74 2.27 -17.93	46.00 2.00 -22.45	44.71 1.12 -30.90	46.05 1.01 -32.41	44.06 1.37 -25.50	43.23 1.69 -19.93	42.64 2.13 -13.94	52.23 3.61 -4.69	44.81 2.92 -8.33	47.64 2.76 -14.63	47.91 3.33 -7.31	44.90 3.31 -4.31	50.23 3.58 -5.20	43.22 2.71 -10.08	54.51 2.27 -26.65
NARROWS_GT1_3 24230	47.97 2.24 -14.99	48.00 2.05 -15.93	47.97 1.79 -18.39	47.42 1.90 -16.42	47.38 1.98 -16.84	47.75 2.61 -9.07	48.16 2.91 -9.69	46.24 2.95 -11.95	48.07 1.85 -26.71	44.74 2.27 -17.93	46.00 2.00 -22.45	44.71 1.12 -30.90	46.05 1.01 -32.41	44.06 1.37 -25.50	43.23 1.69 -19.93	42.64 2.13 -13.94	52.23 3.61 -4.69	44.81 2.92 -8.33	47.64 2.76 -14.63	47.91 3.33 -7.31	44.90 3.31 -4.31	50.23 3.58 -5.20	43.22 2.71 -10.08	54.51 2.27 -26.65
NARROWS_GT1_4 24231	47.97 2.24 -14.99	48.00 2.05 -15.93	47.97 1.79 -18.39	47.42 1.90 -16.42	47.38 1.98 -16.84	47.75 2.61 -9.07	48.16 2.91 -9.69	46.24 2.95 -11.95	48.07 1.85 -26.71	44.74 2.27 -17.93	46.00 2.00 -22.45	44.71 1.12 -30.90	46.05 1.01 -32.41	44.06 1.37 -25.50	43.23 1.69 -19.93	42.64 2.13 -13.94	52.23 3.61 -4.69	44.81 2.92 -8.33	47.64 2.76 -14.63	47.91 3.33 -7.31	44.90 3.31 -4.31	50.23 3.58 -5.20	43.22 2.71 -10.08	54.51 2.27 -26.65

NARROWS_GT1_5 24232	47.97 2.24 -14.99	48.00 2.05 -15.93	47.97 1.79 -18.39	47.42 1.90 -16.42	47.38 1.98 -16.84	47.75 2.61 -9.07	48.16 2.91 -9.69	46.24 2.95 -11.95	48.07 1.85 -26.71	44.74 2.27 -17.93	46.00 2.00 -22.45	44.71 1.12 -30.90	46.05 1.01 -32.41	44.06 1.37 -25.50	43.23 1.69 -19.93	42.64 2.13 -13.94	52.23 3.61 -4.69	44.81 2.92 -8.33	47.64 2.76 -14.63	47.91 3.33 -7.31	44.90 3.31 -4.31	50.23 3.58 -5.20	43.22 2.71 -10.08	54.51 2.27 -26.65
NARROWS_GT1_6 24233	47.97 2.24 -14.99	48.00 2.05 -15.93	47.97 1.79 -18.39	47.42 1.90 -16.42	47.38 1.98 -16.84	47.75 2.61 -9.07	48.16 2.91 -9.69	46.24 2.95 -11.95	48.07 1.85 -26.71	44.74 2.27 -17.93	46.00 2.00 -22.45	44.71 1.12 -30.90	46.05 1.01 -32.41	44.06 1.37 -25.50	43.23 1.69 -19.93	42.64 2.13 -13.94	52.23 3.61 -4.69	44.81 2.92 -8.33	47.64 2.76 -14.63	47.91 3.33 -7.31	44.90 3.31 -4.31	50.23 3.58 -5.20	43.22 2.71 -10.08	54.51 2.27 -26.65
NARROWS_GT1_7 24234	47.97 2.24 -14.99	48.00 2.05 -15.93	47.97 1.79 -18.39	47.42 1.90 -16.42	47.38 1.98 -16.84	47.75 2.61 -9.07	48.16 2.91 -9.69	46.24 2.95 -11.95	48.07 1.85 -26.71	44.74 2.27 -17.93	46.00 2.00 -22.45	44.71 1.12 -30.90	46.05 1.01 -32.41	44.06 1.37 -25.50	43.23 1.69 -19.93	42.64 2.13 -13.94	52.23 3.61 -4.69	44.81 2.92 -8.33	47.64 2.76 -14.63	47.91 3.33 -7.31	44.90 3.31 -4.31	50.23 3.58 -5.20	43.22 2.71 -10.08	54.51 2.27 -26.65
NARROWS_GT1_8 24235	47.97 2.24 -14.99	48.00 2.05 -15.93	47.97 1.79 -18.39	47.42 1.90 -16.42	47.38 1.98 -16.84	47.75 2.61 -9.07	48.16 2.91 -9.69	46.24 2.95 -11.95	48.07 1.85 -26.71	44.74 2.27 -17.93	46.00 2.00 -22.45	44.71 1.12 -30.90	46.05 1.01 -32.41	44.06 1.37 -25.50	43.23 1.69 -19.93	42.64 2.13 -13.94	52.23 3.61 -4.69	44.81 2.92 -8.33	47.64 2.76 -14.63	47.91 3.33 -7.31	44.90 3.31 -4.31	50.23 3.58 -5.20	43.22 2.71 -10.08	54.51 2.27 -26.65
NARROWS_GT2_1 24236	47.97 2.24 -14.99	48.00 2.05 -15.93	47.97 1.79 -18.39	47.42 1.90 -16.42	47.38 1.98 -16.84	47.75 2.61 -9.07	48.16 2.91 -9.69	46.24 2.95 -11.95	48.07 1.85 -26.71	44.74 2.27 -17.93	46.00 2.00 -22.45	44.71 1.12 -30.90	46.05 1.01 -32.41	44.06 1.37 -25.50	43.23 1.69 -19.93	42.64 2.13 -13.94	52.23 3.61 -4.69	44.81 2.92 -8.33	47.64 2.76 -14.63	47.91 3.33 -7.31	44.90 3.31 -4.31	50.23 3.58 -5.20	43.22 2.71 -10.08	54.51 2.27 -26.65
NARROWS_GT2_2 24237	47.97 2.24 -14.99	48.00 2.05 -15.93	47.97 1.79 -18.39	47.42 1.90 -16.42	47.38 1.98 -16.84	47.75 2.61 -9.07	48.16 2.91 -9.69	46.24 2.95 -11.95	48.07 1.85 -26.71	44.74 2.27 -17.93	46.00 2.00 -22.45	44.71 1.12 -30.90	46.05 1.01 -32.41	44.06 1.37 -25.50	43.23 1.69 -19.93	42.64 2.13 -13.94	52.23 3.61 -4.69	44.81 2.92 -8.33	47.64 2.76 -14.63	47.91 3.33 -7.31	44.90 3.31 -4.31	50.23 3.58 -5.20	43.22 2.71 -10.08	54.51 2.27 -26.65
NARROWS_GT2_3 24238	47.97 2.24 -14.99	48.00 2.05 -15.93	47.97 1.79 -18.39	47.42 1.90 -16.42	47.38 1.98 -16.84	47.75 2.61 -9.07	48.16 2.91 -9.69	46.24 2.95 -11.95	48.07 1.85 -26.71	44.74 2.27 -17.93	46.00 2.00 -22.45	44.71 1.12 -30.90	46.05 1.01 -32.41	44.06 1.37 -25.50	43.23 1.69 -19.93	42.64 2.13 -13.94	52.23 3.61 -4.69	44.81 2.92 -8.33	47.64 2.76 -14.63	47.91 3.33 -7.31	44.90 3.31 -4.31	50.23 3.58 -5.20	43.22 2.71 -10.08	54.51 2.27 -26.65
NARROWS_GT2_4 24239	47.97 2.24 -14.99	48.00 2.05 -15.93	47.97 1.79 -18.39	47.42 1.90 -16.42	47.38 1.98 -16.84	47.75 2.61 -9.07	48.16 2.91 -9.69	46.24 2.95 -11.95	48.07 1.85 -26.71	44.74 2.27 -17.93	46.00 2.00 -22.45	44.71 1.12 -30.90	46.05 1.01 -32.41	44.06 1.37 -25.50	43.23 1.69 -19.93	42.64 2.13 -13.94	52.23 3.61 -4.69	44.81 2.92 -8.33	47.64 2.76 -14.63	47.91 3.33 -7.31	44.90 3.31 -4.31	50.23 3.58 -5.20	43.22 2.71 -10.08	54.51 2.27 -26.65
NARROWS_GT2_5 24240	47.97 2.24 -14.99	48.00 2.05 -15.93	47.97 1.79 -18.39	47.42 1.90 -16.42	47.38 1.98 -16.84	47.75 2.61 -9.07	48.16 2.91 -9.69	46.24 2.95 -11.95	48.07 1.85 -26.71	44.74 2.27 -17.93	46.00 2.00 -22.45	44.71 1.12 -30.90	46.05 1.01 -32.41	44.06 1.37 -25.50	43.23 1.69 -19.93	42.64 2.13 -13.94	52.23 3.61 -4.69	44.81 2.92 -8.33	47.64 2.76 -14.63	47.91 3.33 -7.31	44.90 3.31 -4.31	50.23 3.58 -5.20	43.22 2.71 -10.08	54.51 2.27 -26.65
NARROWS_GT2_6 24241	47.97 2.24 -14.99	48.00 2.05 -15.93	47.97 1.79 -18.39	47.42 1.90 -16.42	47.38 1.98 -16.84	47.75 2.61 -9.07	48.16 2.91 -9.69	46.24 2.95 -11.95	48.07 1.85 -26.71	44.74 2.27 -17.93	46.00 2.00 -22.45	44.71 1.12 -30.90	46.05 1.01 -32.41	44.06 1.37 -25.50	43.23 1.69 -19.93	42.64 2.13 -13.94	52.23 3.61 -4.69	44.81 2.92 -8.33	47.64 2.76 -14.63	47.91 3.33 -7.31	44.90 3.31 -4.31	50.23 3.58 -5.20	43.22 2.71 -10.08	54.51 2.27 -26.65
NARROWS_GT2_7 24242	47.97 2.24 -14.99	48.00 2.05 -15.93	47.97 1.79 -18.39	47.42 1.90 -16.42	47.38 1.98 -16.84	47.75 2.61 -9.07	48.16 2.91 -9.69	46.24 2.95 -11.95	48.07 1.85 -26.71	44.74 2.27 -17.93	46.00 2.00 -22.45	44.71 1.12 -30.90	46.05 1.01 -32.41	44.06 1.37 -25.50	43.23 1.69 -19.93	42.64 2.13 -13.94	52.23 3.61 -4.69	44.81 2.92 -8.33	47.64 2.76 -14.63	47.91 3.33 -7.31	44.90 3.31 -4.31	50.23 3.58 -5.20	43.22 2.71 -10.08	54.51 2.27 -26.65
NARROWS_GT2_8 24243	47.97 2.24 -14.99	48.00 2.05 -15.93	47.97 1.79 -18.39	47.42 1.90 -16.42	47.38 1.98 -16.84	47.75 2.61 -9.07	48.16 2.91 -9.69	46.24 2.95 -11.95	48.07 1.85 -26.71	44.74 2.27 -17.93	46.00 2.00 -22.45	44.71 1.12 -30.90	46.05 1.01 -32.41	44.06 1.37 -25.50	43.23 1.69 -19.93	42.64 2.13 -13.94	52.23 3.61 -4.69	44.81 2.92 -8.33	47.64 2.76 -14.63	47.91 3.33 -7.31	44.90 3.31 -4.31	50.23 3.58 -5.20	43.22 2.71 -10.08	54.51 2.27 -26.65
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	31.90 1.17 0.00	31.06 1.04 0.00	28.70 0.91 0.00	30.10 0.99 0.00	29.62 1.06 0.00	37.48 1.42 0.00	37.25 1.69 0.00	32.84 1.49 0.00	20.33 0.82 0.00	25.40 0.87 0.00	22.09 0.54 0.00	12.96 0.27 0.00	12.91 0.27 0.00	17.60 0.40 0.00	22.19 0.58 0.00	27.45 0.88 0.00	45.70 1.77 0.00	34.99 1.44 0.00	31.67 1.41 0.00	38.96 1.69 0.00	39.01 1.73 0.00	43.26 1.82 0.00	31.79 1.35 0.00	26.74 1.15 0.00
NCHELSEA_115KV_TR2 355582	32.40 1.67 0.00	31.50 1.48 0.00	29.02 1.24 0.00	30.42 1.31 0.00	29.93 1.37 0.00	37.95 1.89 0.00	37.76 2.20 0.00	33.61 2.26 0.00	20.89 1.38 0.00	26.19 1.65 0.00	22.98 1.43 0.00	13.49 0.80 0.00	13.39 0.76 0.00	18.21 1.01 0.00	22.88 1.27 0.00	28.13 1.56 0.00	46.63 2.71 0.00	35.75 2.20 0.00	32.40 2.14 0.00	39.87 2.59 0.00	39.90 2.62 0.00	44.24 2.80 0.00	32.45 2.01 0.00	27.34 1.73 -0.02
NEG CAPITAL___MECHNVIL 23645	32.13 1.39 0.00	31.26 1.24 0.00	28.88 1.10 0.00	30.34 1.23 0.00	29.85 1.29 0.00	37.91 1.85 0.00	37.66 2.10 0.00	33.22 1.87 0.00	20.53 1.02 0.00	25.66 1.13 0.00	22.36 0.80 0.00	13.12 0.43 0.00	13.07 0.44 0.00	17.85 0.65 0.00	22.51 0.90 0.00	27.82 1.26 0.00	46.13 2.21 0.00	35.47 1.91 0.00	32.10 1.84 0.00	39.51 2.24 0.00	39.46 2.18 0.00	43.73 2.29 0.00	32.02 1.58 0.00	26.97 1.38 0.00

NEG CENTRAL_HIGH_ACRES 23767	29.49 -1.25 0.00	28.70 -1.32 0.00	26.54 -1.25 0.00	27.75 -1.36 0.00	27.14 -1.42 0.00	34.27 -1.80 0.00	33.72 -1.84 0.00	29.80 -1.54 0.00	18.58 -0.93 0.00	23.32 -1.22 0.00	20.62 -0.94 0.00	12.17 -0.52 0.00	12.12 -0.51 0.00	16.48 -0.72 0.00	20.68 -0.93 0.00	25.46 -1.11 0.00	41.88 -2.04 0.00	31.82 -1.73 0.00	28.49 -1.77 0.00	35.36 -1.91 0.00	35.49 -1.78 0.00	39.67 -1.77 0.00	29.07 -1.37 0.00	24.25 -1.34 0.00
NEG CENTRAL___DRP 24199	30.75 0.01 0.00	29.90 -0.12 0.00	27.61 -0.17 0.00	28.84 -0.27 0.00	28.21 -0.35 0.00	35.62 -0.44 0.00	35.10 -0.46 0.00	31.01 -0.34 0.00	19.38 -0.21 -0.08	24.14 -0.39 0.00	21.24 -0.31 0.00	12.51 -0.18 0.00	12.51 -0.12 0.00	17.04 -0.16 0.00	21.42 -0.20 0.00	26.25 -0.32 0.00	43.39 -0.54 0.00	34.34 -0.42 -1.22	32.25 -0.55 -2.54	36.91 -0.37 0.00	37.06 -0.22 0.00	41.23 -0.21 0.00	30.20 -0.24 0.00	25.25 -0.34 0.00
NEG CENTRAL___INDECK 23768	30.98 0.24 0.00	29.97 -0.05 0.00	27.58 -0.20 0.00	28.70 -0.41 0.00	27.95 -0.61 0.00	35.15 -0.91 0.00	34.47 -1.09 0.00	30.55 -0.80 0.00	19.86 -0.51 -0.86	23.46 -1.07 0.00	20.82 -0.73 0.00	12.30 -0.39 0.00	12.29 -0.34 0.00	16.69 -0.51 0.00	20.81 -0.80 0.00	25.91 -0.66 0.00	42.45 -1.48 0.00	45.37 -1.24 -13.06	56.05 -1.55 -27.34	36.27 -1.01 0.00	36.77 -0.51 0.00	41.10 -0.34 0.00	30.08 -0.37 0.00	24.91 -0.68 0.00
NEG CENTRAL___SENECA 23627	30.85 0.11 0.00	29.94 -0.08 0.00	27.63 -0.15 0.00	28.85 -0.26 0.00	28.20 -0.36 0.00	35.57 -0.50 0.00	34.99 -0.57 0.00	30.95 -0.39 0.00	19.40 -0.24 -0.13	24.08 -0.45 0.00	21.21 -0.35 0.00	12.50 -0.19 0.00	12.51 -0.12 0.00	17.02 -0.18 0.00	21.36 -0.25 0.00	26.16 -0.41 0.00	43.28 -0.65 0.00	34.97 -0.52 -1.94	33.63 -0.67 -4.04	36.87 -0.41 0.00	37.04 -0.23 0.00	41.22 -0.22 0.00	30.20 -0.24 0.00	25.21 -0.38 0.00
NEG CENTRAL___STATE_STREET 24147	30.84 0.10 0.00	30.12 0.10 0.00	27.84 0.06 0.00	29.03 -0.08 0.00	28.42 -0.14 0.00	36.02 -0.04 0.00	35.54 -0.02 0.00	31.28 -0.07 0.00	19.47 -0.04 0.00	24.34 -0.19 0.00	21.41 -0.15 0.00	12.58 -0.11 0.00	12.55 -0.08 0.00	17.15 -0.05 0.00	21.64 0.03 0.00	26.55 -0.02 0.00	43.85 -0.07 0.00	33.47 -0.08 0.00	30.07 -0.19 0.00	37.30 0.02 0.00	37.37 0.09 0.00	41.59 0.15 0.00	30.43 -0.01 0.00	25.49 -0.09 0.00
NEG MILLWOOD___DRP 24198	32.53 1.79 0.00	31.62 1.60 0.00	29.14 1.36 0.00	30.54 1.44 0.00	30.07 1.51 0.00	38.13 2.07 0.00	37.96 2.40 0.00	33.77 2.42 0.00	20.99 1.49 0.00	26.33 1.80 0.00	23.10 1.55 0.00	13.56 0.87 0.00	13.46 0.83 0.00	18.30 1.10 0.00	22.98 1.37 0.00	28.25 1.68 0.00	46.80 2.88 0.00	35.89 2.34 0.00	32.53 2.27 0.00	40.02 2.75 0.00	40.05 2.77 0.00	44.40 2.96 0.00	32.59 2.15 0.00	27.42 1.83 0.00
NEG NORTH_FLCN_SEA 23793	30.44 -0.30 0.00	29.98 -0.05 0.00	28.22 0.43 0.00	29.66 0.55 0.00	29.30 0.74 0.00	36.96 0.90 0.00	36.25 0.69 0.00	31.80 0.46 0.00	19.74 0.23 0.00	24.84 0.31 0.00	21.73 0.17 0.00	12.82 0.13 0.00	12.85 0.22 0.00	17.62 0.42 0.00	21.88 0.27 0.00	26.60 0.04 0.00	44.02 0.10 0.00	33.38 -0.17 0.00	30.07 -0.18 0.00	37.09 -0.18 0.00	27.26 -0.76 9.26	40.42 -1.02 0.00	25.37 -0.68 4.40	25.18 -0.41 0.00
NEG NORTH_KES_CHATEGAY 23792	30.09 -0.65 0.00	29.70 -0.32 0.00	27.93 0.14 0.00	29.33 0.22 0.00	28.97 0.41 0.00	36.59 0.53 0.00	35.89 0.33 0.00	31.52 0.17 0.00	19.57 0.07 0.00	24.62 0.09 0.00	21.53 -0.03 0.00	12.67 -0.02 0.00	12.69 0.06 0.00	17.40 0.20 0.00	21.59 -0.03 0.00	26.30 -0.27 0.00	43.51 -0.42 0.00	32.97 -0.57 0.00	29.84 -0.42 0.00	36.74 -0.53 0.00	26.27 -1.12 9.89	40.12 -1.32 0.00	24.84 -0.90 4.69	24.93 -0.65 0.00
NEG NORTH___ALICE_FALLS 23915	30.44 -0.30 0.00	29.99 -0.04 0.00	28.22 0.43 0.00	29.65 0.54 0.00	29.28 0.73 0.00	36.97 0.91 0.00	36.27 0.71 0.00	31.84 0.49 0.00	19.74 0.24 0.00	24.83 0.30 0.00	21.71 0.16 0.00	12.80 0.11 0.00	12.83 0.20 0.00	17.61 0.41 0.00	21.87 0.26 0.00	26.61 0.04 0.00	44.07 0.15 0.00	33.40 -0.15 0.00	30.11 -0.15 0.00	37.14 -0.14 0.00	27.20 -0.71 9.36	40.48 -0.96 0.00	25.35 -0.65 4.44	25.18 -0.41 0.00
NEG NORTH___LWR_SARANAC 23913	30.44 -0.30 0.00	29.99 -0.04 0.00	28.22 0.43 0.00	29.65 0.54 0.00	29.28 0.73 0.00	36.97 0.91 0.00	36.27 0.71 0.00	31.84 0.49 0.00	19.74 0.24 0.00	24.83 0.30 0.00	21.71 0.16 0.00	12.80 0.11 0.00	12.83 0.20 0.00	17.61 0.41 0.00	21.87 0.26 0.00	26.61 0.04 0.00	44.07 0.15 0.00	33.40 -0.15 0.00	30.11 -0.15 0.00	37.14 -0.14 0.00	27.20 -0.71 9.36	40.48 -0.96 0.00	25.35 -0.65 4.44	25.18 -0.41 0.00
NEG NORTH___PLATTSBURG 23628	30.44 -0.30 0.00	29.99 -0.04 0.00	28.22 0.43 0.00	29.65 0.54 0.00	29.28 0.73 0.00	36.97 0.91 0.00	36.27 0.71 0.00	31.84 0.49 0.00	19.74 0.24 0.00	24.83 0.30 0.00	21.71 0.16 0.00	12.80 0.11 0.00	12.83 0.20 0.00	17.61 0.41 0.00	21.87 0.26 0.00	26.61 0.04 0.00	44.07 0.15 0.00	33.40 -0.15 0.00	30.11 -0.15 0.00	37.14 -0.14 0.00	27.20 -0.71 9.36	40.48 -0.96 0.00	25.35 -0.65 4.44	25.18 -0.41 0.00
NEG WEST_LEA_LOCKPORT 23791	28.96 -1.78 0.00	28.09 -1.93 0.00	25.97 -1.81 0.00	27.10 -2.01 0.00	26.39 -2.16 0.00	33.17 -2.89 0.00	32.40 -3.16 0.00	28.80 -2.54 0.00	17.90 -1.39 0.21	22.80 -1.73 0.00	20.24 -1.32 0.00	11.97 -0.72 0.00	11.90 -0.73 0.00	16.08 -1.11 0.00	20.06 -1.55 0.00	24.79 -1.78 0.00	40.51 -3.41 0.00	27.66 -2.82 3.06	20.96 -2.88 6.41	33.93 -3.34 0.00	34.21 -3.07 0.00	38.66 -2.78 0.00	28.35 -2.09 0.00	23.52 -2.07 0.00
NEG WEST___LANCASTER 23811	29.97 -0.77 0.00	29.03 -0.99 0.00	26.81 -0.98 0.00	27.98 -1.13 0.00	27.22 -1.34 0.00	34.21 -1.86 0.00	33.43 -2.12 0.00	29.75 -1.60 0.00	18.46 -0.83 0.22	23.50 -1.03 0.00	20.85 -0.71 0.00	12.29 -0.39 0.00	12.25 -0.38 0.00	16.59 -0.61 0.00	20.72 -0.88 0.00	25.60 -0.97 0.00	42.06 -1.87 0.00	28.83 -1.64 3.08	22.01 -1.81 6.45	35.37 -1.91 0.00	35.55 -1.73 0.00	39.92 -1.52 0.00	29.29 -1.15 0.00	24.35 -1.24 0.00
NEG_PENN_ALLEGHNY 23528	31.12 0.39 0.00	30.26 0.24 0.00	27.93 0.15 0.00	29.23 0.13 0.00	28.59 0.04 0.00	36.06 0.00 0.00	35.52 -0.04 0.00	31.41 0.06 0.00	19.57 0.06 0.00	24.54 0.01 0.00	21.61 0.05 0.00	12.73 0.05 0.00	12.69 0.06 0.00	17.24 0.04 0.00	21.65 0.04 0.00	26.62 0.05 0.00	44.01 0.08 0.00	33.59 0.04 0.00	30.23 -0.03 0.00	37.41 0.14 0.00	37.47 0.19 0.00	41.64 0.20 0.00	30.56 0.12 0.00	25.63 0.04 0.00
NEG___GEN_MONROE 24207	29.94 -0.79 0.00	29.12 -0.90 0.00	26.92 -0.86 0.00	28.15 -0.97 0.00	27.49 -1.06 0.00	34.66 -1.40 0.00	34.05 -1.51 0.00	30.38 -0.96 0.00	19.00 -0.45 0.06	23.74 -0.80 0.00	20.95 -0.61 0.00	12.33 -0.36 0.00	12.29 -0.35 0.00	16.70 -0.50 0.00	20.88 -0.73 0.00	25.83 -0.74 0.00	42.37 -1.55 0.00	32.09 -1.46 0.00	28.35 -1.58 0.33	35.69 -1.59 0.00	35.89 -1.39 0.00	40.25 -1.19 0.00	29.49 -0.95 0.00	24.55 -1.04 0.00

NEPA___ENERGY 23901	30.66 -0.08 0.00	29.43 -0.59 0.00	27.11 -0.68 0.00	28.25 -0.86 0.00	27.43 -1.13 0.00	34.53 -1.53 0.00	33.66 -1.90 0.00	30.10 -1.25 0.00	18.62 -0.66 0.23	23.77 -0.76 0.00	21.06 -0.50 0.00	12.45 -0.24 0.00	12.46 -0.17 0.00	16.81 -0.39 0.00	20.95 -0.66 0.00	25.94 -0.63 0.00	43.15 -0.77 0.00	29.10 -1.30 3.15	22.29 -1.38 6.60	36.31 -0.96 0.00	36.44 -0.84 0.00	40.68 -0.76 0.00	29.77 -0.67 0.00	24.87 -0.72 0.00
NEVERSINK___HYD 23608	32.74 2.01 0.00	31.87 1.85 0.00	29.39 1.61 0.00	30.83 1.72 0.00	30.32 1.77 0.00	38.46 2.40 0.00	38.16 2.60 0.00	33.69 2.34 0.00	20.92 1.42 0.00	26.13 1.60 0.00	22.95 1.39 0.00	13.49 0.80 0.00	13.39 0.75 0.00	18.10 0.90 0.00	22.63 1.02 0.00	27.80 1.23 0.00	46.05 2.13 0.00	35.21 1.66 0.00	31.96 1.70 0.00	39.43 2.15 0.00	39.46 2.18 0.00	43.76 2.32 0.00	32.08 1.65 0.00	26.98 1.40 0.00
NEWKRMKL_115KV_TB1 55635	31.29 0.55 0.00	30.46 0.44 0.00	28.15 0.37 0.00	29.52 0.41 0.00	29.03 0.48 0.00	36.69 0.63 0.00	36.46 0.90 0.00	32.20 0.85 0.00	20.03 0.52 0.00	25.11 0.58 0.00	21.97 0.41 0.00	12.90 0.21 0.00	12.85 0.22 0.00	17.53 0.33 0.00	22.06 0.45 0.00	27.12 0.56 0.00	44.83 0.91 0.00	34.41 0.86 0.00	31.12 0.86 0.00	38.15 0.88 0.00	38.17 0.89 0.00	42.31 0.87 0.00	31.15 0.71 0.00	26.26 0.67 0.00
NEWTON___FALLS_HYD 23847	30.23 -0.51 0.00	29.77 -0.24 0.00	27.84 0.05 0.00	29.17 0.06 0.00	28.57 0.01 0.00	36.00 -0.06 0.00	35.17 -0.39 0.00	30.80 -0.55 0.00	19.02 -0.49 0.00	24.01 -0.53 0.00	21.00 -0.56 0.00	12.37 -0.32 0.00	12.23 -0.40 0.00	16.65 -0.55 0.00	20.89 -0.72 0.00	25.87 -0.70 0.00	42.87 -1.05 0.00	32.91 -0.64 0.00	29.70 -0.56 0.00	36.49 -0.78 0.00	37.48 -0.84 -1.04	40.33 -1.11 0.00	30.05 -0.89 -0.49	24.79 -0.81 0.00
NGRID_A1_DSASP 323792	28.71 -2.03 0.00	27.88 -2.14 0.00	25.80 -1.98 0.00	26.94 -2.17 0.00	26.22 -2.34 0.00	32.92 -3.14 0.00	32.01 -3.55 0.00	28.40 -2.94 0.00	17.61 -1.69 0.21	22.45 -2.08 0.00	19.96 -1.60 0.00	11.85 -0.84 0.00	11.79 -0.84 0.00	15.94 -1.25 0.00	19.91 -1.71 0.00	24.46 -2.10 0.00	39.96 -3.97 0.00	27.35 -3.13 3.07	20.65 -3.17 6.44	33.44 -3.83 0.00	33.68 -3.59 0.00	38.08 -3.35 0.00	27.98 -2.46 0.00	23.23 -2.36 0.00
NGRID_A2_DSASP 323793	28.71 -2.03 0.00	27.88 -2.14 0.00	25.80 -1.98 0.00	26.94 -2.17 0.00	26.22 -2.34 0.00	32.92 -3.14 0.00	32.01 -3.55 0.00	28.40 -2.94 0.00	17.61 -1.69 0.21	22.45 -2.08 0.00	19.96 -1.60 0.00	11.85 -0.84 0.00	11.79 -0.84 0.00	15.94 -1.25 0.00	19.91 -1.71 0.00	24.46 -2.10 0.00	39.96 -3.97 0.00	27.35 -3.13 3.07	20.65 -3.17 6.44	33.44 -3.83 0.00	33.68 -3.59 0.00	38.08 -3.35 0.00	27.98 -2.46 0.00	23.23 -2.36 0.00
NGRID_A4_DSASP 323807	28.71 -2.03 0.00	27.88 -2.14 0.00	25.80 -1.98 0.00	26.94 -2.17 0.00	26.22 -2.34 0.00	32.92 -3.14 0.00	32.01 -3.55 0.00	28.40 -2.94 0.00	17.61 -1.69 0.21	22.45 -2.08 0.00	19.96 -1.60 0.00	11.85 -0.84 0.00	11.79 -0.84 0.00	15.94 -1.25 0.00	19.91 -1.71 0.00	24.46 -2.10 0.00	39.96 -3.97 0.00	27.35 -3.13 3.07	20.65 -3.17 6.44	33.44 -3.83 0.00	33.68 -3.59 0.00	38.08 -3.35 0.00	27.98 -2.46 0.00	23.23 -2.36 0.00
NIAGARA_115E_LBMP 323715	28.46 -2.28 0.00	27.62 -2.40 0.00	25.55 -2.23 0.00	26.67 -2.44 0.00	25.97 -2.59 0.00	32.63 -3.43 0.00	31.88 -3.68 0.00	28.34 -3.01 0.00	17.66 -1.63 0.21	22.49 -2.04 0.00	20.00 -1.56 0.00	11.88 -0.81 0.00	11.75 -0.88 0.00	15.82 -1.37 0.00	19.74 -1.88 0.00	24.37 -2.20 0.00	39.80 -4.13 0.00	27.27 -3.22 3.06	20.69 -3.16 6.41	33.30 -3.97 0.00	33.58 -3.70 0.00	38.01 -3.43 0.00	27.91 -2.53 0.00	23.16 -2.43 0.00
NIAGARA_115W_LBMP 323714	28.64 -2.09 0.00	27.82 -2.20 0.00	25.75 -2.04 0.00	26.88 -2.23 0.00	26.16 -2.39 0.00	32.86 -3.20 0.00	31.93 -3.63 0.00	28.33 -3.02 0.00	17.56 -1.74 0.21	22.39 -2.14 0.00	19.90 -1.65 0.00	11.82 -0.87 0.00	11.77 -0.87 0.00	15.91 -1.29 0.00	19.86 -1.76 0.00	24.39 -2.18 0.00	39.83 -4.10 0.00	27.29 -3.21 3.05	20.64 -3.24 6.38	33.34 -3.94 0.00	33.58 -3.70 0.00	37.97 -3.47 0.00	27.90 -2.54 0.00	23.16 -2.43 0.00
NIAGARA_230_LBMP 323716	28.78 -1.95 0.00	27.95 -2.07 0.00	25.86 -1.92 0.00	27.01 -2.10 0.00	26.29 -2.27 0.00	33.03 -3.03 0.00	32.25 -3.31 0.00	28.63 -2.72 0.00	17.76 -1.55 0.19	22.63 -1.90 0.00	20.10 -1.45 0.00	11.93 -0.76 0.00	11.83 -0.79 0.00	16.00 -1.20 0.00	20.01 -1.61 0.00	24.68 -1.89 0.00	40.35 -3.58 0.00	27.74 -2.91 2.90	21.18 -3.01 6.07	33.78 -3.50 0.00	33.99 -3.29 0.00	38.38 -3.06 0.00	28.20 -2.24 0.00	23.42 -2.17 0.00
NIAGARA___115KV_198_GIBSON 55903	28.65 -2.09 0.00	27.82 -2.20 0.00	25.75 -2.04 0.00	26.88 -2.23 0.00	26.16 -2.39 0.00	32.86 -3.20 0.00	31.92 -3.64 0.00	28.32 -3.03 0.00	17.56 -1.74 0.21	22.39 -2.14 0.00	19.90 -1.66 0.00	11.78 -0.91 0.00	11.75 -0.88 0.00	15.91 -1.29 0.00	19.87 -1.74 0.00	24.40 -2.17 0.00	39.83 -4.10 0.00	27.25 -3.25 3.05	20.59 -3.28 6.38	33.34 -3.94 0.00	33.57 -3.71 0.00	37.97 -3.46 0.00	27.90 -2.54 0.00	23.15 -2.44 0.00
NIAGARA___ 23760	28.78 -1.95 0.00	27.95 -2.07 0.00	25.86 -1.92 0.00	27.01 -2.10 0.00	26.29 -2.27 0.00	33.03 -3.03 0.00	32.25 -3.31 0.00	28.63 -2.72 0.00	17.76 -1.55 0.20	22.63 -1.90 0.00	20.10 -1.45 0.00	11.93 -0.76 0.00	11.83 -0.79 0.00	16.00 -1.20 0.00	20.01 -1.61 0.00	24.68 -1.89 0.00	40.35 -3.58 0.00	27.71 -2.91 2.93	21.11 -3.01 6.13	33.78 -3.50 0.00	33.99 -3.29 0.00	38.38 -3.06 0.00	28.20 -2.24 0.00	23.42 -2.17 0.00
NINE_MILE_1 23575	29.85 -0.89 0.00	29.13 -0.89 0.00	26.95 -0.84 0.00	28.21 -0.90 0.00	27.64 -0.91 0.00	34.91 -1.15 0.00	34.43 -1.13 0.00	30.38 -0.97 0.00	18.91 -0.60 0.00	23.74 -0.79 0.00	20.91 -0.64 0.00	12.32 -0.37 0.00	12.26 -0.37 0.00	16.69 -0.51 0.00	21.00 -0.62 0.00	25.82 -0.75 0.00	42.64 -1.28 0.00	32.52 -1.03 0.00	29.27 -0.99 0.00	36.10 -1.18 0.00	36.15 -1.13 0.00	40.22 -1.22 0.00	29.51 -0.93 0.00	24.76 -0.83 0.00
NINE_MILE_2 23744	29.85 -0.89 0.00	29.13 -0.89 0.00	26.95 -0.84 0.00	28.21 -0.90 0.00	27.65 -0.91 0.00	34.91 -1.15 0.00	34.43 -1.13 0.00	30.38 -0.96 0.00	18.92 -0.59 0.00	23.74 -0.79 0.00	20.91 -0.64 0.00	12.32 -0.37 0.00	12.26 -0.37 0.00	16.70 -0.50 0.00	21.00 -0.61 0.00	25.82 -0.75 0.00	42.65 -1.27 0.00	32.53 -1.02 0.00	29.27 -0.99 0.00	36.10 -1.17 0.00	36.15 -1.13 0.00	40.22 -1.22 0.00	29.52 -0.92 0.00	24.76 -0.83 0.00
NM_CAPITAL___DRP 24208	31.36 0.62 0.00	30.54 0.52 0.00	28.20 0.42 0.00	29.58 0.47 0.00	29.10 0.55 0.00	36.79 0.73 0.00	36.54 0.98 0.00	32.28 0.93 0.00	20.08 0.57 0.00	25.19 0.66 0.00	22.03 0.48 0.00	12.94 0.25 0.00	12.88 0.25 0.00	17.57 0.37 0.00	22.10 0.49 0.00	27.18 0.61 0.00	44.92 1.00 0.00	34.48 0.93 0.00	31.18 0.93 0.00	38.22 0.95 0.00	38.24 0.97 0.00	42.42 0.98 0.00	31.22 0.78 0.00	26.33 0.74 0.00

NM_CENTRAL___DRP 24181	30.47 -0.26 0.00	29.70 -0.32 0.00	27.45 -0.34 0.00	28.73 -0.38 0.00	28.16 -0.40 0.00	35.57 -0.49 0.00	35.11 -0.45 0.00	30.98 -0.36 0.00	19.28 -0.23 0.00	24.16 -0.37 0.00	21.28 -0.28 0.00	12.54 -0.15 0.00	12.49 -0.14 0.00	17.03 -0.17 0.00	21.54 -0.07 0.00	26.50 -0.07 0.00	43.71 -0.22 0.00	33.34 -0.21 0.00	29.99 -0.27 0.00	37.07 -0.21 0.00	37.15 -0.13 0.00	41.17 -0.27 0.00	30.07 -0.37 0.00	25.22 -0.37 0.00
NM_FRONTIER___DRP 24179	28.65 -2.09 0.00	27.82 -2.20 0.00	25.75 -2.04 0.00	26.88 -2.23 0.00	26.16 -2.39 0.00	32.86 -3.20 0.00	31.92 -3.64 0.00	28.32 -3.03 0.00	17.56 -1.74 0.21	22.39 -2.14 0.00	19.90 -1.66 0.00	11.78 -0.91 0.00	11.75 -0.88 0.00	15.91 -1.29 0.00	19.87 -1.74 0.00	24.40 -2.17 0.00	39.83 -4.10 0.00	27.25 -3.25 3.05	20.59 -3.28 6.38	33.34 -3.94 0.00	33.57 -3.71 0.00	37.97 -3.46 0.00	27.90 -2.54 0.00	23.15 -2.44 0.00
NM_ST_REGIS___HYD 24053	30.11 -0.62 0.00	29.68 -0.34 0.00	27.79 0.00 0.00	29.12 0.01 0.00	28.63 0.07 0.00	36.11 0.05 0.00	35.36 -0.20 0.00	30.99 -0.35 0.00	19.20 -0.31 0.00	24.22 -0.31 0.00	21.20 -0.36 0.00	12.49 -0.20 0.00	12.49 -0.14 0.00	17.04 -0.16 0.00	21.27 -0.35 0.00	26.10 -0.47 0.00	43.31 -0.62 0.00	32.97 -0.58 0.00	29.76 -0.49 0.00	36.71 -0.56 0.00	39.01 -0.84 -2.57	40.44 -1.00 0.00	31.03 -0.62 -1.22	25.03 -0.56 0.00
NORTHPORT___1 23551	32.51 1.78 0.00	31.58 1.56 0.00	29.33 1.54 0.00	30.58 1.47 0.00	30.08 1.53 0.00	37.93 1.87 0.00	38.18 2.62 0.00	33.84 2.49 0.00	20.69 1.18 0.00	26.02 1.48 0.00	24.34 1.43 -1.36	18.20 0.84 -4.67	10.48 0.72 2.86	17.15 0.93 0.98	22.15 1.05 0.52	28.36 1.41 -0.38	49.40 2.53 -2.94	41.17 1.91 -5.71	47.20 1.97 -14.97	42.76 2.25 -3.23	43.12 2.32 -3.53	73.54 2.59 -29.51	32.57 2.13 0.00	27.87 1.64 -0.64
NORTHPORT___2 23552	32.51 1.78 0.00	31.58 1.56 0.00	29.33 1.54 0.00	30.58 1.47 0.00	30.08 1.53 0.00	37.93 1.87 0.00	38.18 2.62 0.00	33.84 2.49 0.00	20.69 1.18 0.00	26.02 1.48 0.00	24.34 1.43 -1.36	18.20 0.84 -4.67	10.48 0.72 2.86	17.15 0.93 0.98	22.15 1.05 0.52	28.36 1.41 -0.38	49.40 2.53 -2.94	41.17 1.91 -5.71	47.20 1.97 -14.97	42.76 2.25 -3.23	43.12 2.32 -3.53	73.54 2.59 -29.51	32.57 2.13 0.00	27.87 1.64 -0.64
NORTHPORT___3 23553	32.02 1.28 0.00	31.13 1.11 0.00	28.88 1.09 0.00	30.14 1.03 0.00	29.59 1.03 0.00	37.24 1.18 0.00	37.45 1.89 0.00	33.27 1.92 0.00	20.49 0.98 0.00	25.75 1.22 0.00	24.16 1.25 -1.36	18.10 0.73 -4.68	10.37 0.61 2.87	16.98 0.76 0.98	21.92 0.83 0.52	28.06 1.11 -0.38	48.84 1.96 -2.95	40.68 1.46 -5.67	46.44 1.57 -14.60	42.36 1.86 -3.21	41.44 1.92 -2.25	73.33 2.12 -29.77	32.24 1.80 0.00	27.63 1.40 -0.64
NORTHPORT___4 23650	32.02 1.28 0.00	31.13 1.11 0.00	28.88 1.09 0.00	30.14 1.03 0.00	29.59 1.03 0.00	37.24 1.18 0.00	37.45 1.89 0.00	33.27 1.92 0.00	20.49 0.98 0.00	25.75 1.22 0.00	24.16 1.25 -1.36	18.10 0.73 -4.68	10.37 0.61 2.87	16.98 0.76 0.98	21.92 0.83 0.52	28.06 1.11 -0.38	48.84 1.96 -2.95	40.68 1.46 -5.67	46.44 1.57 -14.60	42.36 1.86 -3.21	41.44 1.92 -2.25	73.33 2.12 -29.77	32.24 1.80 0.00	27.63 1.40 -0.64
NORTHPORT___IC 23718	32.52 1.78 0.00	31.57 1.56 0.00	29.33 1.54 0.00	30.58 1.47 0.00	30.08 1.52 0.00	37.93 1.87 0.00	38.18 2.62 0.00	33.84 2.50 0.00	20.69 1.18 0.00	26.02 1.48 0.00	24.34 1.43 -1.36	18.20 0.84 -4.67	10.48 0.72 2.86	17.15 0.93 0.98	22.14 1.05 0.52	28.36 1.40 -0.38	49.40 2.53 -2.94	41.17 1.91 -5.71	47.22 1.99 -14.97	42.76 2.25 -3.23	43.14 2.34 -3.53	73.54 2.59 -29.51	32.57 2.13 0.00	27.87 1.64 -0.64
NORTH___COUNTRY_ESR 323785	30.00 -0.74 0.00	29.61 -0.41 0.00	27.86 0.07 0.00	29.24 0.14 0.00	28.89 0.33 0.00	36.48 0.42 0.00	35.77 0.22 0.00	31.43 0.09 0.00	19.55 0.04 0.00	24.62 0.09 0.00	21.52 -0.03 0.00	12.66 -0.02 0.00	12.69 0.06 0.00	17.38 0.19 0.00	21.58 -0.04 0.00	26.25 -0.31 0.00	43.42 -0.51 0.00	32.88 -0.67 0.00	29.73 -0.52 0.00	36.64 -0.63 0.00	26.14 -1.23 9.90	39.98 -1.46 0.00	24.75 -0.99 4.70	24.86 -0.73 0.00
NPX_GEN_1385_PROXY 323591	32.43 1.70 0.00	31.37 1.34 0.00	29.32 1.54 0.00	30.58 1.47 0.00	30.08 1.52 0.00	37.86 1.80 0.00	38.12 2.56 0.00	33.83 2.48 0.00	19.73 1.07 0.84	25.71 1.18 0.00	23.94 1.03 -1.36	17.96 0.60 -4.67	10.25 0.48 2.86	16.95 0.73 0.98	21.95 0.85 0.52	28.09 1.13 -0.38	49.00 2.13 -2.94	40.91 1.65 -5.71	46.90 1.68 -14.97	42.26 1.76 -3.23	42.52 1.71 -3.53	72.98 2.03 -29.51	32.20 1.77 0.00	27.60 1.37 -0.64
NPX_GEN_CSC 323557	32.25 1.52 0.00	31.31 1.29 0.00	29.21 1.43 0.00	30.45 1.35 0.00	30.01 1.45 0.00	37.76 1.70 0.00	38.55 2.99 0.00	34.13 2.79 0.00	19.65 0.98 0.84	25.86 1.33 0.00	24.22 1.20 -1.46	18.26 0.76 -4.82	10.41 0.51 2.73	16.83 0.61 0.98	-21.91 0.59 44.11	-34.36 0.90 61.83	6.79 1.92 39.05	11.88 1.38 23.05	47.82 2.10 -15.46	43.27 2.21 -3.79	43.94 2.50 -4.16	74.44 3.07 -29.93	32.86 2.42 0.00	27.82 1.59 -0.64
NSINS_S__GLNS_FALLS 23858	32.26 1.53 0.00	31.37 1.35 0.00	29.02 1.24 0.00	30.52 1.41 0.00	30.08 1.52 0.00	38.19 2.12 0.00	38.08 2.52 0.00	33.60 2.25 0.00	20.66 1.15 0.00	25.78 1.24 0.00	22.33 0.78 0.00	13.10 0.41 0.00	13.03 0.40 0.00	17.83 0.63 0.00	22.57 0.96 0.00	27.94 1.37 0.00	46.41 2.49 0.00	35.71 2.16 0.00	32.45 2.19 0.00	39.92 2.64 0.00	39.85 2.57 0.00	44.11 2.67 0.00	32.20 1.76 0.00	27.10 1.51 0.00
NUCOR_STEEL___DRP 24197	30.79 0.05 0.00	30.10 0.07 0.00	27.83 0.04 0.00	29.00 -0.11 0.00	28.41 -0.15 0.00	36.01 -0.05 0.00	35.54 -0.02 0.00	31.26 -0.08 0.00	19.46 -0.05 0.00	24.34 -0.19 0.00	21.41 -0.15 0.00	12.58 -0.11 0.00	12.55 -0.08 0.00	17.15 -0.05 0.00	21.65 0.03 0.00	26.56 -0.01 0.00	43.86 -0.07 0.00	33.47 -0.08 0.00	30.07 -0.18 0.00	37.29 0.01 0.00	37.35 0.07 0.00	41.57 0.13 0.00	30.42 -0.02 0.00	25.49 -0.10 0.00
NUMBER_THREE_WT_PWR 323818	30.66 -0.08 0.00	30.25 0.23 0.00	28.25 0.47 0.00	29.60 0.49 0.00	28.95 0.39 0.00	36.43 0.37 0.00	35.49 -0.07 0.00	31.05 -0.30 0.00	19.16 -0.35 0.00	24.21 -0.32 0.00	21.08 -0.47 0.00	12.40 -0.29 0.00	12.13 -0.50 0.00	16.50 -0.70 0.00	20.74 -0.87 0.00	25.86 -0.71 0.00	42.90 -1.03 0.00	33.13 -0.42 0.00	29.92 -0.34 0.00	36.68 -0.60 0.00	37.16 -0.57 -0.46	40.47 -0.97 0.00	29.64 -1.01 -0.22	24.73 -0.87 0.00
NYISO_LBMP_REFERENCE 24008	30.74 0.00 0.00	30.02 0.00 0.00	27.78 0.00 0.00	29.11 0.00 0.00	28.56 0.00 0.00	36.06 0.00 0.00	35.56 0.00 0.00	31.35 0.00 0.00	19.51 0.00 0.00	24.53 0.00 0.00	21.56 0.00 0.00	12.69 0.00 0.00	12.63 0.00 0.00	17.20 0.00 0.00	21.61 0.00 0.00	26.57 0.00 0.00	43.93 0.00 0.00	33.55 0.00 0.00	30.26 0.00 0.00	37.28 0.00 0.00	37.28 0.00 0.00	41.44 0.00 0.00	30.44 0.00 0.00	25.59 0.00 0.00

NYPA_BRENTWD____GT 24164	32.76 2.03 0.00	31.80 1.78 0.00	29.53 1.74 0.00	30.78 1.67 0.00	30.30 1.74 0.00	38.25 2.19 0.00	38.54 2.99 0.00	34.18 2.83 0.00	20.87 1.36 0.00	26.23 1.70 0.00	24.71 1.57 -1.59	18.62 0.92 -5.00	10.84 0.78 2.57	17.23 1.01 0.98	22.25 1.16 0.52	28.70 1.57 -0.56	50.08 2.95 -3.20	43.49 2.24 -7.70	49.35 2.18 -16.91	44.36 2.58 -4.50	47.77 2.65 -7.85	74.74 2.85 -30.46	32.93 2.49 0.00	28.15 1.92 -0.64
NYPA_GOWANUS____GT5 24156	47.97 2.24 -14.99	48.00 2.05 -15.93	47.97 1.79 -18.39	47.42 1.90 -16.42	47.38 1.98 -16.84	47.75 2.61 -9.07	48.16 2.91 -9.69	46.24 2.95 -11.95	48.07 1.85 -26.71	44.74 2.27 -17.93	46.00 2.00 -22.45	44.71 1.12 -30.90	46.05 1.01 -32.41	44.06 1.37 -25.50	43.23 1.69 -19.93	42.64 2.13 -13.94	52.23 3.61 -4.69	44.81 2.92 -8.33	47.64 2.76 -14.63	47.91 3.33 -7.31	44.90 3.31 -4.31	50.23 3.58 -5.20	43.22 2.71 -10.08	54.51 2.27 -26.65
NYPA_GOWANUS____GT6 24157	47.97 2.24 -14.99	48.00 2.05 -15.93	47.97 1.79 -18.39	47.42 1.90 -16.42	47.38 1.98 -16.84	47.75 2.61 -9.07	48.16 2.91 -9.69	46.24 2.95 -11.95	48.07 1.85 -26.71	44.74 2.27 -17.93	46.00 2.00 -22.45	44.71 1.12 -30.90	46.05 1.01 -32.41	44.06 1.37 -25.50	43.23 1.69 -19.93	42.64 2.13 -13.94	52.23 3.61 -4.69	44.81 2.92 -8.33	47.64 2.76 -14.63	47.91 3.33 -7.31	44.90 3.31 -4.31	50.23 3.58 -5.20	43.22 2.71 -10.08	54.51 2.27 -26.65
NYPA_HARLEM__RVR__GT1 24160	32.69 1.95 -0.01	31.87 1.85 -0.01	29.38 1.60 0.00	30.80 1.69 0.00	30.32 1.76 0.00	38.43 2.36 0.00	38.26 2.70 0.00	34.05 2.70 0.00	21.19 1.67 -0.01	26.55 2.01 -0.01	23.26 1.69 -0.01	27.12 0.91 -13.52	39.95 0.81 -26.51	32.19 1.08 -13.91	30.31 1.32 -7.38	31.53 1.70 -3.25	47.17 3.23 -0.01	36.14 2.58 -0.01	32.73 2.47 0.00	40.25 2.98 0.00	40.27 3.00 0.00	44.70 3.26 0.00	32.84 2.40 0.00	41.45 2.02 -13.84
NYPA_HARLEM__RVR__GT2 24161	32.69 1.95 -0.01	31.87 1.85 -0.01	29.38 1.60 0.00	30.80 1.69 0.00	30.32 1.76 0.00	38.43 2.36 0.00	38.26 2.70 0.00	34.05 2.70 0.00	21.19 1.67 -0.01	26.55 2.01 -0.01	23.26 1.69 -0.01	27.12 0.91 -13.52	39.95 0.81 -26.51	32.19 1.08 -13.91	30.31 1.32 -7.38	31.53 1.70 -3.25	47.17 3.23 -0.01	36.14 2.58 -0.01	32.73 2.47 0.00	40.25 2.98 0.00	40.27 3.00 0.00	44.70 3.26 0.00	32.84 2.40 0.00	41.45 2.02 -13.84
NYPA_KENT____GT 24152	41.70 2.17 -8.79	41.35 1.98 -9.34	40.29 1.72 -10.78	40.55 1.82 -9.62	40.32 1.89 -9.87	43.90 2.52 -5.32	44.04 2.81 -5.67	41.08 2.84 -6.89	36.80 1.79 -15.51	37.06 2.19 -10.34	36.83 1.93 -13.34	38.87 1.08 -25.09	45.97 0.99 -32.36	40.49 1.34 -21.95	38.66 1.65 -15.39	38.44 2.06 -9.81	50.16 3.49 -2.75	41.15 2.80 -4.80	41.34 2.66 -8.42	44.68 3.20 -4.21	42.94 3.18 -2.49	47.84 3.46 -2.95	38.84 2.60 -5.80	49.12 2.20 -21.33
NYPA_POUCH1____GT 24155	47.89 2.16 -14.99	47.90 1.95 -15.93	47.89 1.71 -18.39	47.37 1.84 -16.42	47.32 1.91 -16.84	47.65 2.52 -9.07	48.04 2.79 -9.69	46.15 2.86 -11.95	48.01 1.80 -26.71	44.66 2.20 -17.93	45.93 1.92 -22.45	41.81 1.07 -28.06	42.27 0.94 -28.69	41.92 1.29 -23.44	42.00 1.58 -18.80	42.16 2.02 -13.57	52.03 3.42 -4.69	44.71 2.83 -8.33	47.56 2.67 -14.63	47.81 3.22 -7.31	44.79 3.20 -4.31	50.10 3.45 -5.20	43.16 2.65 -10.08	54.42 2.18 -26.65
NYPA_VERNON____GT2 24162	35.41 2.09 -2.59	34.69 1.93 -2.75	32.60 1.65 -3.17	33.66 1.73 -2.82	33.27 1.81 -2.90	40.05 2.42 -1.57	39.94 2.72 -1.67	36.09 2.74 -2.00	25.76 1.72 -4.53	29.65 2.10 -3.01	27.68 1.87 -4.26	33.03 1.05 -19.29	45.90 0.97 -32.30	36.91 1.30 -18.41	34.08 1.60 -10.86	34.23 1.99 -5.67	48.10 3.36 -0.81	37.64 2.69 -1.40	35.26 2.55 -2.45	41.57 3.07 -1.22	41.06 3.06 -0.72	45.62 3.33 -0.85	34.61 2.49 -1.69	43.77 2.14 -16.03
NYPA_VERNON____GT3 24163	35.41 2.09 -2.59	34.69 1.93 -2.75	32.60 1.65 -3.17	33.66 1.73 -2.82	33.27 1.81 -2.90	40.05 2.42 -1.57	39.94 2.72 -1.67	36.09 2.74 -2.00	25.76 1.72 -4.53	29.65 2.10 -3.01	27.68 1.87 -4.26	33.03 1.05 -19.29	45.90 0.97 -32.30	36.91 1.30 -18.41	34.08 1.60 -10.86	34.23 1.99 -5.67	48.10 3.36 -0.81	37.64 2.69 -1.40	35.26 2.55 -2.45	41.57 3.07 -1.22	41.06 3.06 -0.72	45.62 3.33 -0.85	34.61 2.49 -1.69	43.77 2.14 -16.03
NYPA__ASTORIA_CC1 323568	32.81 2.07 -0.01	31.93 1.90 -0.01	29.43 1.64 0.00	30.83 1.72 0.00	30.35 1.79 0.00	38.47 2.40 0.00	38.25 2.69 0.00	34.06 2.71 0.00	21.22 1.70 -0.01	26.62 2.08 -0.01	23.93 1.85 -0.53	30.70 1.03 -16.98	45.86 0.94 -32.28	35.40 1.27 -16.93	32.16 1.57 -8.98	32.48 1.95 -3.96	47.24 3.31 -0.01	36.20 2.64 -0.01	32.77 2.52 0.00	40.30 3.02 0.00	40.30 3.02 0.00	44.73 3.29 0.00	32.91 2.47 0.00	41.55 2.12 -13.84
NYPA__ASTORIA_CC2 323569	32.81 2.07 -0.01	31.93 1.90 -0.01	29.43 1.64 0.00	30.83 1.72 0.00	30.35 1.79 0.00	38.47 2.40 0.00	38.25 2.69 0.00	34.06 2.71 0.00	21.22 1.70 -0.01	26.62 2.08 -0.01	23.93 1.85 -0.53	30.70 1.03 -16.98	45.86 0.94 -32.28	35.40 1.27 -16.93	32.16 1.57 -8.98	32.48 1.95 -3.96	47.24 3.31 -0.01	36.20 2.64 -0.01	32.77 2.52 0.00	40.30 3.02 0.00	40.30 3.02 0.00	44.73 3.29 0.00	32.91 2.47 0.00	41.55 2.12 -13.84
NYPA__HOLTSVILL 23794	32.49 1.76 0.00	31.54 1.52 0.00	29.32 1.54 0.00	30.57 1.46 0.00	30.11 1.55 0.00	37.97 1.91 0.00	38.40 2.84 0.00	34.02 2.68 0.00	20.71 1.20 0.00	26.06 1.53 0.00	24.42 1.41 -1.45	18.33 0.84 -4.80	10.56 0.67 2.74	17.07 0.85 0.98	17.71 0.95 4.86	22.15 1.33 5.74	45.29 2.51 1.15	38.96 1.86 -3.55	47.75 2.12 -15.38	43.41 2.39 -3.74	43.76 2.52 -3.96	74.23 2.90 -29.90	32.77 2.33 0.00	27.96 1.73 -0.64
NYPA____HELLGATE_GT1 24158	32.69 1.95 -0.01	31.87 1.85 -0.01	29.38 1.60 0.00	30.80 1.69 0.00	30.32 1.76 0.00	38.43 2.36 0.00	38.26 2.70 0.00	34.05 2.70 0.00	21.19 1.67 -0.01	26.55 2.01 -0.01	23.26 1.69 -0.01	27.12 0.91 -13.52	39.95 0.81 -26.51	32.19 1.08 -13.91	30.31 1.32 -7.38	31.53 1.70 -3.25	47.17 3.23 -0.01	36.14 2.58 -0.01	32.73 2.47 0.00	40.25 2.98 0.00	40.27 3.00 0.00	44.70 3.26 0.00	32.84 2.40 0.00	41.45 2.02 -13.84
NYPA____HELLGATE_GT2 24159	32.69 1.95 -0.01	31.87 1.85 -0.01	29.38 1.60 0.00	30.80 1.69 0.00	30.32 1.76 0.00	38.43 2.36 0.00	38.26 2.70 0.00	34.05 2.70 0.00	21.19 1.67 -0.01	26.55 2.01 -0.01	23.26 1.69 -0.01	27.12 0.91 -13.52	39.95 0.81 -26.51	32.19 1.08 -13.91	30.31 1.32 -7.38	31.53 1.70 -3.25	47.17 3.23 -0.01	36.14 2.58 -0.01	32.73 2.47 0.00	40.25 2.98 0.00	40.27 3.00 0.00	44.70 3.26 0.00	32.84 2.40 0.00	41.45 2.02 -13.84
NYS_BARGE__HYD 23848	28.94 -1.80 0.00	28.08 -1.95 0.00	25.96 -1.82 0.00	27.10 -2.01 0.00	26.38 -2.17 0.00	33.17 -2.89 0.00	32.42 -3.14 0.00	28.83 -2.52 0.00	17.94 -1.36 0.20	22.81 -1.72 0.00	20.26 -1.30 0.00	12.02 -0.67 0.00	11.91 -0.72 0.00	16.08 -1.12 0.00	20.05 -1.56 0.00	24.77 -1.80 0.00	40.51 -3.42 0.00	27.91 -2.79 2.85	21.48 -2.82 5.96	33.92 -3.36 0.00	34.20 -3.07 0.00	38.65 -2.79 0.00	28.35 -2.09 0.00	23.52 -2.07 0.00

OAK ORCHARD___HYD 24046	29.83 -0.90 0.00	29.01 -1.01 0.00	26.83 -0.95 0.00	28.06 -1.05 0.00	27.41 -1.15 0.00	34.56 -1.50 0.00	33.97 -1.59 0.00	30.06 -1.29 0.00	18.76 -0.75 0.00	23.57 -0.96 0.00	20.88 -0.67 0.00	12.33 -0.36 0.00	12.26 -0.37 0.00	16.66 -0.54 0.00	20.87 -0.74 0.00	25.76 -0.81 0.00	42.31 -1.62 0.00	32.09 -1.46 0.00	28.70 -1.56 0.00	35.64 -1.63 0.00	35.79 -1.48 0.00	40.11 -1.33 0.00	29.40 -1.04 0.00	24.50 -1.09 0.00
OAKDALE___35_KV_LOAD 356122	31.08 0.34 0.00	30.22 0.20 0.00	27.89 0.11 0.00	29.20 0.09 0.00	28.56 0.01 0.00	36.01 -0.05 0.00	35.47 -0.09 0.00	31.37 0.02 0.00	19.54 0.03 0.00	24.52 -0.01 0.00	21.60 0.04 0.00	12.73 0.04 0.00	12.68 0.05 0.00	17.23 0.03 0.00	21.63 0.02 0.00	26.59 0.02 0.00	43.96 0.04 0.00	33.56 0.01 0.00	30.20 -0.06 0.00	37.36 0.08 0.00	37.41 0.14 0.00	41.58 0.14 0.00	30.52 0.08 0.00	25.62 0.03 0.00
OCC_CHEM___DRP 24175	28.71 -2.03 0.00	27.88 -2.14 0.00	25.80 -1.98 0.00	26.94 -2.17 0.00	26.22 -2.34 0.00	32.92 -3.14 0.00	32.01 -3.55 0.00	28.40 -2.95 0.00	17.61 -1.69 0.21	22.46 -2.07 0.00	19.95 -1.60 0.00	11.81 -0.88 0.00	11.78 -0.85 0.00	15.95 -1.25 0.00	19.92 -1.69 0.00	24.48 -2.09 0.00	39.96 -3.97 0.00	27.31 -3.17 3.07	20.61 -3.22 6.44	33.44 -3.84 0.00	33.68 -3.60 0.00	38.09 -3.35 0.00	27.99 -2.45 0.00	23.22 -2.37 0.00
OH_GEN_PROXY 24063	28.86 -1.88 0.00	28.03 -2.00 0.00	25.94 -1.85 0.00	27.08 -2.03 0.00	26.37 -2.19 0.00	33.12 -2.94 0.00	32.36 -3.20 0.00	28.73 -2.62 0.00	16.99 -1.50 1.02	22.70 -1.83 0.00	20.16 -1.39 0.00	11.96 -0.73 0.00	11.86 -0.77 0.00	16.04 -1.16 0.00	20.07 -1.54 0.00	24.76 -1.81 0.00	40.51 -3.42 0.00	28.13 -2.79 2.63	21.86 -2.90 5.51	33.94 -3.34 0.00	34.14 -3.13 0.00	38.52 -2.92 0.00	28.29 -2.15 0.00	23.51 -2.08 0.00
OLIN_CORP_DRP 24177	28.52 -2.21 0.00	27.68 -2.34 0.00	25.61 -2.17 0.00	26.73 -2.38 0.00	26.03 -2.53 0.00	32.70 -3.36 0.00	31.94 -3.61 0.00	28.40 -2.95 0.00	17.68 -1.61 0.21	22.52 -2.01 0.00	20.02 -1.54 0.00	11.85 -0.84 0.00	11.76 -0.87 0.00	15.86 -1.34 0.00	19.79 -1.82 0.00	24.45 -2.13 0.00	39.90 -4.03 0.00	27.24 -3.19 3.12	20.55 -3.18 6.53	33.39 -3.89 0.00	33.65 -3.63 0.00	38.09 -3.35 0.00	27.96 -2.48 0.00	23.20 -2.39 0.00
OLIN_CORP_DSASP 323712	28.71 -2.03 0.00	27.88 -2.14 0.00	25.80 -1.98 0.00	26.94 -2.17 0.00	26.22 -2.34 0.00	32.92 -3.14 0.00	32.01 -3.55 0.00	28.40 -2.94 0.00	17.61 -1.69 0.21	22.45 -2.08 0.00	19.96 -1.60 0.00	11.85 -0.84 0.00	11.79 -0.84 0.00	15.94 -1.25 0.00	19.91 -1.71 0.00	24.46 -2.10 0.00	39.96 -3.97 0.00	27.35 -3.13 3.07	20.65 -3.17 6.44	33.44 -3.83 0.00	33.68 -3.59 0.00	38.08 -3.35 0.00	27.98 -2.46 0.00	23.23 -2.36 0.00
ONEIDA_HERK_LFGE 323681	31.18 0.45 0.00	30.55 0.53 0.00	28.36 0.58 0.00	29.72 0.61 0.00	29.11 0.55 0.00	36.75 0.69 0.00	36.11 0.55 0.00	31.71 0.36 0.00	19.63 0.12 0.00	24.69 0.16 0.00	21.55 0.00 0.00	12.71 0.02 0.00	12.54 -0.09 0.00	17.08 -0.12 0.00	21.54 -0.08 0.00	26.69 0.12 0.00	44.17 0.24 0.00	33.91 0.35 0.00	30.57 0.31 0.00	37.62 0.34 0.00	37.86 0.37 -0.22	41.67 0.23 0.00	30.56 0.02 -0.10	25.58 -0.02 0.00
ONEIDA___115KV_TB4 55905	31.50 0.76 0.00	30.72 0.70 0.00	28.41 0.63 0.00	29.76 0.65 0.00	29.16 0.60 0.00	36.84 0.78 0.00	36.36 0.80 0.00	31.98 0.63 0.00	19.79 0.29 0.00	24.80 0.27 0.00	21.67 0.12 0.00	12.80 0.11 0.00	12.71 0.08 0.00	17.36 0.16 0.00	21.91 0.30 0.00	27.12 0.55 0.00	44.77 0.84 0.00	34.24 0.70 0.00	30.84 0.58 0.00	38.08 0.81 0.00	38.15 0.88 0.00	42.30 0.86 0.00	30.92 0.48 0.00	25.94 0.35 0.00
ONONDAGA_REF_OCCRA 23987	30.68 -0.06 0.00	29.89 -0.13 0.00	27.62 -0.16 0.00	28.93 -0.18 0.00	28.34 -0.21 0.00	35.80 -0.26 0.00	35.33 -0.23 0.00	31.19 -0.16 0.00	19.38 -0.12 0.00	24.28 -0.25 0.00	21.37 -0.18 0.00	12.60 -0.09 0.00	12.55 -0.08 0.00	17.10 -0.09 0.00	21.66 0.05 0.00	26.64 0.07 0.00	43.97 0.04 0.00	33.54 -0.01 0.00	30.18 -0.08 0.00	37.32 0.05 0.00	37.42 0.14 0.00	41.44 0.00 0.00	30.27 -0.17 0.00	25.38 -0.21 0.00
ONONDAGA___COGEN 23986	30.60 -0.13 0.00	29.85 -0.17 0.00	27.58 -0.21 0.00	28.87 -0.24 0.00	28.29 -0.26 0.00	35.76 -0.30 0.00	35.29 -0.27 0.00	31.13 -0.21 0.00	19.36 -0.14 0.00	24.25 -0.28 0.00	21.34 -0.21 0.00	12.57 -0.11 0.00	12.53 -0.10 0.00	17.08 -0.12 0.00	21.55 -0.06 0.00	26.47 -0.10 0.00	43.71 -0.22 0.00	33.34 -0.21 0.00	30.01 -0.25 0.00	37.10 -0.17 0.00	37.18 -0.10 0.00	41.28 -0.16 0.00	30.22 -0.22 0.00	25.34 -0.25 0.00
ONTARIO___LFGE 23819	30.85 0.11 0.00	29.94 -0.08 0.00	27.63 -0.15 0.00	28.85 -0.26 0.00	28.20 -0.36 0.00	35.56 -0.50 0.00	34.99 -0.57 0.00	30.95 -0.39 0.00	19.40 -0.24 -0.13	24.08 -0.45 0.00	21.21 -0.35 0.00	12.51 -0.18 0.00	12.51 -0.12 0.00	17.02 -0.18 0.00	21.35 -0.26 0.00	26.16 -0.41 0.00	43.28 -0.65 0.00	34.97 -0.51 -1.94	33.63 -0.67 -4.04	36.86 -0.41 0.00	37.04 -0.23 0.00	41.22 -0.22 0.00	30.20 -0.24 0.00	25.21 -0.38 0.00
ORANGEVILLE_WT_PWR 323706	29.85 -0.88 0.00	28.80 -1.22 0.00	26.44 -1.35 0.00	27.44 -1.67 0.00	26.66 -1.90 0.00	33.50 -2.56 0.00	32.57 -2.99 0.00	28.91 -2.44 0.00	17.28 -1.37 0.85	22.72 -1.81 0.00	20.13 -1.43 0.00	11.88 -0.81 0.00	11.90 -0.73 0.00	16.20 -1.00 0.00	20.05 -1.56 0.00	24.75 -1.82 0.00	40.98 -2.95 0.00	18.37 -2.54 12.64	1.20 -2.60 26.47	34.83 -2.45 0.00	35.19 -2.09 0.00	39.42 -2.02 0.00	28.66 -1.78 0.00	23.71 -1.88 0.00
ORANGEVILLE___ESR 323794	29.85 -0.88 0.00	28.80 -1.22 0.00	26.44 -1.35 0.00	27.44 -1.67 0.00	26.66 -1.90 0.00	33.50 -2.56 0.00	32.57 -2.99 0.00	28.91 -2.44 0.00	17.28 -1.37 0.85	22.72 -1.81 0.00	20.13 -1.43 0.00	11.88 -0.81 0.00	11.90 -0.73 0.00	16.20 -1.00 0.00	20.05 -1.56 0.00	24.75 -1.82 0.00	40.98 -2.95 0.00	18.37 -2.54 12.64	1.20 -2.60 26.47	34.83 -2.45 0.00	35.19 -2.09 0.00	39.42 -2.02 0.00	28.66 -1.78 0.00	23.71 -1.88 0.00
OSWEGATCHIE___HYD 24044	30.23 -0.51 0.00	29.78 -0.24 0.00	27.84 0.05 0.00	29.17 0.06 0.00	28.57 0.01 0.00	36.00 -0.06 0.00	35.17 -0.38 0.00	30.80 -0.55 0.00	19.02 -0.49 0.00	24.01 -0.53 0.00	21.00 -0.56 0.00	12.37 -0.32 0.00	12.23 -0.40 0.00	16.65 -0.55 0.00	20.89 -0.72 0.00	25.87 -0.70 0.00	42.87 -1.05 0.00	32.91 -0.64 0.00	29.70 -0.56 0.00	36.49 -0.78 0.00	37.48 -0.84 -1.04	40.33 -1.11 0.00	30.05 -0.89 -0.49	24.79 -0.81 0.00
OSWEGO___5 23606	30.07 -0.67 0.00	29.34 -0.69 0.00	27.13 -0.66 0.00	28.41 -0.70 0.00	27.84 -0.71 0.00	35.15 -0.91 0.00	34.66 -0.90 0.00	30.58 -0.76 0.00	19.04 -0.47 0.00	23.89 -0.64 0.00	21.04 -0.51 0.00	12.39 -0.30 0.00	12.34 -0.29 0.00	16.81 -0.40 0.00	21.13 -0.48 0.00	25.98 -0.59 0.00	42.92 -1.01 0.00	32.74 -0.82 0.00	29.46 -0.79 0.00	36.36 -0.92 0.00	36.41 -0.87 0.00	40.49 -0.95 0.00	29.70 -0.74 0.00	24.93 -0.66 0.00

OSWEGO___6 23613	30.07 -0.67 0.00	29.34 -0.69 0.00	27.13 -0.66 0.00	28.41 -0.70 0.00	27.84 -0.71 0.00	35.15 -0.91 0.00	34.66 -0.90 0.00	30.58 -0.76 0.00	19.04 -0.47 0.00	23.89 -0.64 0.00	21.04 -0.51 0.00	12.39 -0.30 0.00	12.34 -0.29 0.00	16.81 -0.40 0.00	21.13 -0.48 0.00	25.98 -0.59 0.00	42.92 -1.01 0.00	32.74 -0.82 0.00	29.46 -0.79 0.00	36.36 -0.92 0.00	36.41 -0.87 0.00	40.49 -0.95 0.00	29.70 -0.74 0.00	24.93 -0.66 0.00
OUTOKUMPU-AB___DRP 24206	29.29 -1.45 0.00	28.40 -1.63 0.00	26.24 -1.55 0.00	27.37 -1.74 0.00	26.65 -1.91 0.00	33.51 -2.55 0.00	32.66 -2.90 0.00	29.02 -2.32 0.00	18.02 -1.26 0.23	22.98 -1.55 0.00	20.40 -1.16 0.00	12.06 -0.63 0.00	12.01 -0.62 0.00	16.25 -0.95 0.00	20.27 -1.34 0.00	25.00 -1.57 0.00	40.88 -3.05 0.00	27.71 -2.54 3.29	20.74 -2.63 6.89	34.29 -2.99 0.00	34.55 -2.73 0.00	39.01 -2.42 0.00	28.60 -1.84 0.00	23.71 -1.88 0.00
OXBOW___BTM 323836	28.98 -1.76 0.00	28.11 -1.91 0.00	26.00 -1.79 0.00	27.13 -1.98 0.00	26.41 -2.15 0.00	33.18 -2.88 0.00	32.31 -3.25 0.00	28.69 -2.65 0.00	17.80 -1.49 0.22	22.71 -1.82 0.00	20.17 -1.39 0.00	11.97 -0.72 0.00	11.90 -0.73 0.00	16.09 -1.11 0.00	20.08 -1.53 0.00	24.72 -1.85 0.00	40.39 -3.53 0.00	27.52 -2.84 3.18	20.70 -2.89 6.67	33.86 -3.42 0.00	34.10 -3.18 0.00	38.54 -2.90 0.00	28.28 -2.16 0.00	23.46 -2.13 0.00
OXBOW____ 24026	28.97 -1.76 0.00	28.11 -1.91 0.00	26.00 -1.79 0.00	27.13 -1.98 0.00	26.41 -2.15 0.00	33.18 -2.88 0.00	32.30 -3.26 0.00	28.68 -2.66 0.00	17.80 -1.49 0.22	22.71 -1.83 0.00	20.16 -1.39 0.00	11.93 -0.76 0.00	11.89 -0.74 0.00	16.09 -1.11 0.00	20.09 -1.52 0.00	24.73 -1.84 0.00	40.40 -3.53 0.00	27.50 -2.87 3.18	20.66 -2.94 6.67	33.85 -3.43 0.00	34.09 -3.19 0.00	38.54 -2.90 0.00	28.27 -2.17 0.00	23.45 -2.14 0.00
OXY_CHEM_DSASP 323612	28.71 -2.03 0.00	27.88 -2.14 0.00	25.80 -1.98 0.00	26.94 -2.17 0.00	26.22 -2.34 0.00	32.92 -3.14 0.00	32.01 -3.55 0.00	28.40 -2.95 0.00	17.61 -1.69 0.21	22.46 -2.07 0.00	19.95 -1.60 0.00	11.81 -0.88 0.00	11.78 -0.85 0.00	15.95 -1.25 0.00	19.92 -1.69 0.00	24.48 -2.09 0.00	39.96 -3.97 0.00	27.31 -3.17 3.07	20.61 -3.22 6.44	33.44 -3.84 0.00	33.68 -3.60 0.00	38.09 -3.35 0.00	27.99 -2.45 0.00	23.22 -2.37 0.00
OZONE_PARK_ESR 323760	32.99 2.25 0.00	32.06 2.03 0.00	29.54 1.76 0.00	30.95 1.84 0.00	30.47 1.91 0.00	38.65 2.59 0.00	38.43 2.87 0.00	34.23 2.88 0.00	21.31 1.80 0.00	26.72 2.18 0.00	23.49 1.94 0.00	27.31 1.11 -13.51	40.19 1.06 -26.50	32.50 1.41 -13.90	30.71 1.73 -7.37	31.95 2.14 -3.25	47.53 3.60 -0.01	36.39 2.83 -0.01	32.96 2.70 0.00	40.56 3.29 0.00	40.56 3.29 0.00	45.00 3.56 0.00	33.05 2.61 0.00	41.70 2.26 -13.84
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	28.71 -2.03 0.00	27.88 -2.14 0.00	25.80 -1.98 0.00	26.94 -2.17 0.00	26.22 -2.34 0.00	32.92 -3.14 0.00	32.01 -3.55 0.00	28.40 -2.95 0.00	17.61 -1.69 0.21	22.46 -2.07 0.00	19.95 -1.60 0.00	11.81 -0.88 0.00	11.78 -0.85 0.00	15.95 -1.25 0.00	19.92 -1.69 0.00	24.48 -2.09 0.00	39.96 -3.97 0.00	27.31 -3.17 3.07	20.61 -3.22 6.44	33.44 -3.84 0.00	33.68 -3.60 0.00	38.09 -3.35 0.00	27.99 -2.45 0.00	23.22 -2.37 0.00
PACKARD__115KV_DUPONT_184 80571	28.71 -2.03 0.00	27.88 -2.14 0.00	25.80 -1.98 0.00	26.94 -2.17 0.00	26.22 -2.34 0.00	32.92 -3.14 0.00	32.01 -3.55 0.00	28.40 -2.95 0.00	17.61 -1.69 0.21	22.46 -2.07 0.00	19.95 -1.60 0.00	11.81 -0.88 0.00	11.78 -0.85 0.00	15.95 -1.25 0.00	19.92 -1.69 0.00	24.48 -2.09 0.00	39.96 -3.97 0.00	27.31 -3.17 3.07	20.61 -3.22 6.44	33.44 -3.84 0.00	33.68 -3.60 0.00	38.09 -3.35 0.00	27.99 -2.45 0.00	23.22 -2.37 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	32.78 2.04 -0.01	31.95 1.93 -0.01	29.46 1.67 0.00	30.86 1.76 0.00	30.39 1.84 0.00	38.52 2.46 0.00	38.30 2.74 0.00	34.08 2.73 0.00	21.20 1.69 -0.01	26.57 2.03 -0.01	23.32 1.76 -0.01	27.19 0.98 -13.52	40.04 0.90 -26.51	32.32 1.22 -13.91	30.49 1.50 -7.38	31.69 1.86 -3.25	47.22 3.29 -0.01	36.21 2.64 -0.01	32.79 2.53 0.00	40.32 3.04 0.00	40.35 3.07 0.00	44.74 3.31 0.00	32.87 2.43 0.00	41.51 2.08 -13.84
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	33.41 2.66 -0.01	32.55 2.52 -0.01	30.02 2.24 0.00	31.47 2.36 0.00	30.99 2.43 0.00	39.30 3.24 0.00	39.09 3.53 0.00	34.72 3.37 0.00	21.60 2.08 -0.01	27.03 2.49 -0.01	23.72 2.16 -0.01	27.41 1.20 -13.52	40.27 1.13 -26.51	32.62 1.51 -13.91	30.85 1.87 -7.38	32.14 2.32 -3.25	47.99 4.06 -0.01	36.80 3.24 -0.01	33.33 3.06 0.00	40.98 3.70 0.00	41.03 3.75 0.00	45.51 4.07 0.00	33.41 2.98 0.00	41.98 2.54 -13.84
PATROON__115KV_TB1 80586	31.38 0.64 0.00	30.54 0.52 0.00	28.23 0.44 0.00	29.60 0.49 0.00	29.12 0.56 0.00	36.79 0.73 0.00	36.56 1.00 0.00	32.29 0.94 0.00	20.08 0.57 0.00	25.18 0.65 0.00	22.03 0.48 0.00	12.94 0.25 0.00	12.89 0.26 0.00	17.58 0.38 0.00	22.12 0.51 0.00	27.21 0.64 0.00	44.99 1.06 0.00	34.52 0.97 0.00	31.21 0.95 0.00	38.28 1.01 0.00	38.28 1.00 0.00	42.44 1.01 0.00	31.24 0.80 0.00	26.33 0.74 0.00
PATTRSNVILLE__SOLAR 323815	32.27 1.54 0.00	31.52 1.50 0.00	29.15 1.37 0.00	30.55 1.44 0.00	29.96 1.40 0.00	37.88 1.82 0.00	37.35 1.79 0.00	32.50 1.15 0.00	19.79 0.28 0.00	24.53 0.00 0.00	21.44 -0.12 0.00	12.66 -0.03 0.00	12.58 -0.05 0.00	17.17 -0.03 0.00	21.79 0.18 0.00	27.21 0.64 0.00	45.86 1.94 0.00	35.07 1.52 0.00	31.62 1.36 0.00	39.14 1.86 0.00	39.17 1.90 0.00	43.59 2.15 0.00	31.92 1.48 0.00	26.78 1.19 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	29.89 -0.85 0.00	28.95 -1.07 0.00	26.73 -1.05 0.00	27.89 -1.22 0.00	27.14 -1.42 0.00	34.10 -1.96 0.00	33.33 -2.23 0.00	29.66 -1.69 0.00	18.40 -0.87 0.24	23.45 -1.08 0.00	20.80 -0.75 0.00	12.27 -0.42 0.00	12.22 -0.41 0.00	16.56 -0.64 0.00	20.67 -0.94 0.00	25.54 -1.03 0.00	41.92 -2.01 0.00	28.35 -1.79 3.41	21.19 -1.93 7.14	35.24 -2.04 0.00	35.44 -1.84 0.00	39.85 -1.59 0.00	29.21 -1.23 0.00	24.25 -1.34 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	32.53 1.79 0.00	31.62 1.60 0.00	29.14 1.36 0.00	30.54 1.44 0.00	30.07 1.51 0.00	38.13 2.07 0.00	37.96 2.40 0.00	33.77 2.42 0.00	20.99 1.49 0.00	26.33 1.80 0.00	23.10 1.55 0.00	13.56 0.87 0.00	13.46 0.83 0.00	18.30 1.10 0.00	22.98 1.37 0.00	28.25 1.68 0.00	46.80 2.88 0.00	35.89 2.34 0.00	32.53 2.27 0.00	40.02 2.75 0.00	40.05 2.77 0.00	44.40 2.96 0.00	32.59 2.15 0.00	27.42 1.83 0.00
PEEKSKILL____ 23653	32.34 1.61 0.00	31.44 1.42 0.00	28.97 1.18 0.00	30.34 1.23 0.00	29.87 1.32 0.00	37.87 1.81 0.00	37.68 2.12 0.00	33.53 2.18 0.00	20.85 1.34 0.00	26.16 1.62 0.00	22.98 1.43 0.00	13.91 0.80 -0.42	14.21 0.76 -0.82	18.64 1.01 -0.43	23.08 1.25 -0.23	28.21 1.55 -0.10	46.54 2.61 0.00	35.65 2.10 0.00	32.31 2.05 0.00	39.75 2.48 0.00	39.77 2.49 0.00	44.12 2.68 0.00	32.38 1.95 0.00	27.00 1.69 0.28

PGE MADISON___WINDPWR 24146	33.45 2.71 0.00	32.57 2.55 0.00	30.04 2.26 0.00	31.28 2.17 0.00	30.29 1.73 0.00	37.85 1.79 0.00	37.24 1.68 0.00	32.33 0.99 0.00	19.84 0.28 -0.04	24.52 -0.01 0.00	21.49 -0.07 0.00	12.51 -0.18 0.00	12.39 -0.24 0.00	17.08 -0.12 0.00	21.63 0.02 0.00	26.72 0.15 0.00	43.89 -0.04 0.00	34.31 0.08 -0.69	32.01 0.32 -1.43	38.00 0.72 0.00	38.13 0.85 0.00	42.75 1.31 0.00	30.83 0.39 0.00	25.71 0.11 0.00
PIERCEFIELD___HYD 23852	30.05 -0.69 0.00	29.60 -0.42 0.00	27.67 -0.11 0.00	29.00 -0.11 0.00	28.46 -0.10 0.00	35.88 -0.18 0.00	35.11 -0.44 0.00	30.77 -0.58 0.00	19.05 -0.46 0.00	24.06 -0.47 0.00	21.08 -0.48 0.00	12.43 -0.26 0.00	12.40 -0.23 0.00	16.90 -0.30 0.00	21.13 -0.48 0.00	26.00 -0.57 0.00	43.15 -0.78 0.00	32.90 -0.65 0.00	29.68 -0.58 0.00	36.60 -0.67 0.00	37.95 -0.86 -1.54	40.45 -0.99 0.00	30.57 -0.60 -0.73	25.01 -0.58 0.00
PINELAWN_CC_1 323563	32.59 1.85 0.00	31.64 1.62 0.00	29.33 1.55 0.00	30.61 1.50 0.00	30.11 1.56 0.00	38.06 1.99 0.00	38.31 2.76 0.00	33.97 2.62 0.00	20.81 1.30 0.00	26.14 1.61 0.00	25.28 1.51 -2.22	19.49 0.88 -5.93	11.62 0.76 1.77	17.20 0.98 0.98	22.23 1.14 0.52	29.14 1.52 -1.05	50.64 2.81 -3.90	48.95 2.15 -13.25	55.77 2.19 -23.32	47.99 2.61 -8.11	64.12 2.67 -24.18	77.46 2.92 -33.10	32.75 2.31 0.00	28.04 1.81 -0.64
PJM_GEN_HTP_PROXY 323702	32.68 1.94 0.00	31.77 1.75 0.00	29.28 1.50 0.00	30.69 1.58 0.00	30.21 1.65 0.00	38.30 2.24 0.00	38.08 2.53 0.00	33.90 2.55 0.00	21.09 1.58 0.00	26.46 1.93 0.00	23.26 1.70 0.00	23.90 0.98 -10.23	33.62 0.93 -20.07	28.96 1.23 -10.53	28.71 1.52 -5.58	30.90 1.87 -2.46	47.05 3.12 0.00	36.02 2.46 -0.01	32.62 2.37 0.00	40.12 2.85 0.00	40.12 2.85 0.00	44.52 3.09 0.00	32.71 2.27 0.00	27.14 1.99 0.43
PJM_GEN_KEystone 24065	31.14 0.40 0.00	30.20 0.18 0.00	27.83 0.04 0.00	29.13 0.02 0.00	28.54 -0.02 0.00	36.04 -0.02 0.00	35.47 0.02 0.10	33.76 0.35 -2.07	19.73 0.27 0.05	24.84 0.31 0.00	21.91 0.35 0.00	13.86 0.23 -0.95	14.71 0.22 -1.86	18.40 0.22 -0.98	22.32 0.19 -0.52	27.09 0.29 -0.23	44.39 0.46 0.00	33.16 0.31 0.70	29.05 0.26 1.47	37.74 0.46 0.00	37.81 0.53 0.00	42.05 0.61 0.00	30.87 0.43 0.00	26.83 0.33 -0.91
PJM_GEN_NEPTUNE_PROXY 323594	32.34 1.61 0.00	31.40 1.38 0.00	29.09 1.31 0.00	30.37 1.26 0.00	29.88 1.32 0.00	37.78 1.72 0.00	37.94 2.38 0.00	33.66 2.32 0.00	20.71 1.20 0.00	26.04 1.51 0.00	23.94 1.44 -0.94	17.60 0.84 -4.06	10.00 0.76 3.39	17.21 0.99 0.98	22.23 1.14 0.52	28.13 1.50 -0.06	49.02 2.62 -2.48	37.46 1.99 -1.93	40.99 1.97 -8.77	40.53 2.35 -0.91	26.00 2.38 13.66	71.81 2.58 -27.80	32.47 2.03 0.00	27.85 1.61 -0.64
PJM_GEN_VFT_PROXY 323633	32.67 1.93 0.00	31.75 1.72 0.00	29.27 1.48 0.00	30.68 1.57 0.00	30.21 1.65 0.00	38.31 2.25 0.00	38.07 2.52 0.00	33.91 2.57 0.00	21.11 1.60 0.00	26.47 1.94 0.00	23.27 1.71 0.00	27.19 0.99 -13.51	40.07 0.93 -26.50	32.35 1.25 -13.90	30.51 1.53 -7.37	31.69 1.87 -3.25	47.05 3.12 -0.01	36.02 2.46 -0.01	32.64 2.38 0.00	40.15 2.87 0.00	40.16 2.88 0.00	44.56 3.12 0.00	32.72 2.28 0.00	41.43 2.00 -13.84
PLATSBURG_115KV_PMLD1 355749	30.42 -0.32 0.00	29.96 -0.07 0.00	28.20 0.42 0.00	29.63 0.52 0.00	29.28 0.72 0.00	36.94 0.88 0.00	36.21 0.65 0.00	31.78 0.43 0.00	19.72 0.22 0.00	24.83 0.30 0.00	21.71 0.16 0.00	12.81 0.12 0.00	12.84 0.21 0.00	17.61 0.41 0.00	21.87 0.26 0.00	26.58 0.01 0.00	43.99 0.06 0.00	33.36 -0.19 0.00	30.06 -0.20 0.00	37.07 -0.21 0.00	27.24 -0.78 9.26	40.40 -1.04 0.00	25.34 -0.70 4.40	25.16 -0.43 0.00
PLEASANTVLY___LBMP 24000	32.09 1.35 0.00	31.21 1.19 0.00	28.77 0.99 0.00	30.16 1.05 0.00	29.68 1.12 0.00	37.61 1.55 0.00	37.41 1.85 0.00	33.26 1.91 0.00	20.68 1.18 0.00	25.97 1.44 0.00	22.80 1.25 0.00	13.39 0.70 0.00	13.30 0.67 0.00	18.09 0.89 0.00	22.71 1.10 0.00	27.90 1.34 0.00	46.17 2.24 0.00	35.38 1.83 0.00	32.06 1.81 0.00	39.41 2.13 0.00	39.43 2.15 0.00	43.75 2.31 0.00	32.12 1.68 0.00	27.07 1.48 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	32.44 1.70 0.00	31.52 1.50 0.00	29.06 1.27 0.00	30.45 1.34 0.00	29.97 1.41 0.00	38.00 1.94 0.00	37.81 2.25 0.00	33.64 2.29 0.00	20.92 1.42 0.00	26.26 1.73 0.00	23.07 1.52 0.00	12.88 0.86 0.67	12.14 0.82 1.30	17.59 1.08 0.68	22.58 1.33 0.36	28.04 1.63 0.16	46.67 2.74 0.00	35.76 2.21 0.00	32.41 2.15 0.00	39.85 2.57 0.00	39.87 2.60 0.00	44.23 2.79 0.00	32.47 2.03 0.00	27.80 1.76 -0.45
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	32.44 1.70 0.00	31.52 1.50 0.00	29.06 1.27 0.00	30.45 1.34 0.00	29.97 1.41 0.00	38.00 1.94 0.00	37.81 2.25 0.00	33.64 2.29 0.00	20.92 1.42 0.00	26.26 1.73 0.00	23.07 1.52 0.00	12.88 0.86 0.67	12.14 0.82 1.30	17.59 1.08 0.68	22.58 1.33 0.36	28.04 1.63 0.16	46.67 2.74 0.00	35.76 2.21 0.00	32.41 2.15 0.00	39.85 2.57 0.00	39.87 2.60 0.00	44.23 2.79 0.00	32.47 2.03 0.00	27.80 1.76 -0.45
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	32.31 1.57 0.00	31.42 1.40 0.00	28.97 1.19 0.00	30.36 1.25 0.00	29.87 1.32 0.00	37.89 1.83 0.00	37.71 2.15 0.00	33.53 2.19 0.00	20.84 1.34 0.00	26.14 1.61 0.00	22.93 1.38 0.00	13.45 0.77 0.00	13.35 0.72 0.00	18.15 0.95 0.00	22.81 1.20 0.00	28.04 1.47 0.00	46.48 2.55 0.00	35.66 2.11 0.00	32.31 2.05 0.00	39.76 2.49 0.00	39.79 2.51 0.00	44.12 2.68 0.00	32.36 1.93 0.00	27.27 1.66 -0.02
POLETTI___ 23519	32.76 2.03 0.00	31.84 1.82 0.00	29.35 1.56 0.00	30.75 1.64 0.00	30.28 1.72 0.00	38.39 2.33 0.00	38.18 2.62 0.00	33.99 2.64 0.00	21.15 1.65 0.00	26.54 2.00 0.00	23.34 1.78 0.00	27.22 1.02 -13.51	40.09 0.97 -26.49	32.38 1.29 -13.89	30.56 1.58 -7.37	31.76 1.95 -3.25	47.18 3.25 -0.01	36.12 2.56 -0.01	32.72 2.46 0.00	40.23 2.95 0.00	40.24 2.96 0.00	44.64 3.20 0.00	32.80 2.36 0.00	41.49 2.07 -13.84
POMONA___ESR 323819	32.18 1.45 0.00	31.26 1.24 0.00	28.76 0.98 0.00	30.13 1.03 0.00	29.67 1.11 0.00	37.63 1.57 0.00	37.41 1.85 0.00	33.35 2.00 0.00	20.74 1.23 0.00	25.99 1.46 0.00	22.83 1.28 0.00	13.42 0.73 0.00	13.34 0.71 0.00	18.13 0.94 0.00	22.74 1.13 0.00	27.97 1.40 0.00	46.34 2.41 0.00	35.48 1.93 0.00	32.17 1.91 0.00	39.61 2.33 0.00	39.64 2.36 0.00	43.96 2.52 0.00	32.24 1.80 0.00	26.97 1.56 0.18
PORT_JEFF_3 23555	32.59 1.85 0.00	31.63 1.61 0.00	29.40 1.61 0.00	30.65 1.54 0.00	30.18 1.63 0.00	38.08 2.01 0.00	38.50 2.94 0.00	34.12 2.77 0.00	20.76 1.25 0.00	26.12 1.59 0.00	24.48 1.46 -1.47	18.38 0.87 -4.82	10.60 0.70 2.73	17.10 0.88 0.98	22.09 0.99 0.52	28.40 1.37 -0.46	49.62 2.63 -3.06	42.07 1.90 -6.62	47.95 2.17 -15.52	43.55 2.45 -3.82	44.19 2.60 -4.31	74.40 3.01 -29.96	32.88 2.44 0.00	28.03 1.80 -0.64

PORT_JEFF_4 23616	32.59 1.85 0.00	31.63 1.61 0.00	29.40 1.61 0.00	30.65 1.54 0.00	30.18 1.63 0.00	38.08 2.01 0.00	38.50 2.94 0.00	34.12 2.77 0.00	20.76 1.25 0.00	26.12 1.59 0.00	24.48 1.46 -1.47	18.38 0.87 -4.82	10.60 0.70 2.73	17.10 0.88 0.98	22.09 0.99 0.52	28.40 1.37 -0.46	49.62 2.63 -3.06	42.07 1.90 -6.62	47.95 2.17 -15.52	43.55 2.45 -3.82	44.19 2.60 -4.31	74.40 3.01 -29.96	32.88 2.44 0.00	28.03 1.80 -0.64
PORT_JEFF_IC 23713	32.59 1.86 0.00	31.63 1.61 0.00	29.40 1.62 0.00	30.66 1.55 0.00	30.19 1.63 0.00	38.07 2.01 0.00	38.51 2.95 0.00	34.13 2.78 0.00	20.76 1.25 0.00	26.12 1.59 0.00	24.50 1.46 -1.49	18.42 0.87 -4.86	10.63 0.69 2.70	17.09 0.87 0.98	29.65 0.98 -7.06	39.24 1.36 -11.31	56.95 2.62 -10.41	47.35 1.84 -11.96	48.17 2.16 -15.76	43.63 2.41 -3.94	44.75 2.59 -4.89	74.49 2.99 -30.06	32.90 2.46 0.00	28.05 1.81 -0.64
PPL_PILGRIM_ST_GT1 24216	32.76 2.03 0.00	31.80 1.78 0.00	29.53 1.74 0.00	30.78 1.67 0.00	30.30 1.74 0.00	38.25 2.19 0.00	38.54 2.99 0.00	34.18 2.83 0.00	20.87 1.36 0.00	26.23 1.70 0.00	24.71 1.57 -1.59	18.62 0.92 -5.00	10.84 0.78 2.57	17.23 1.01 0.98	22.25 1.16 0.52	28.70 1.57 -0.56	50.08 2.95 -3.20	43.49 2.24 -7.70	49.35 2.18 -16.91	44.36 2.58 -4.50	47.77 2.65 -7.85	74.74 2.85 -30.46	32.93 2.49 0.00	28.15 1.92 -0.64
PPL_PILGRIM_ST_GT2 24217	32.76 2.03 0.00	31.80 1.78 0.00	29.53 1.74 0.00	30.78 1.67 0.00	30.30 1.74 0.00	38.25 2.19 0.00	38.54 2.99 0.00	34.18 2.83 0.00	20.87 1.36 0.00	26.23 1.70 0.00	24.71 1.57 -1.59	18.62 0.92 -5.00	10.84 0.78 2.57	17.23 1.01 0.98	22.25 1.16 0.52	28.70 1.57 -0.56	50.08 2.95 -3.20	43.49 2.24 -7.70	49.35 2.18 -16.91	44.36 2.58 -4.50	47.77 2.65 -7.85	74.74 2.85 -30.46	32.93 2.49 0.00	28.15 1.92 -0.64
PPL_SHRM_GT3 24213	32.27 1.54 0.00	31.34 1.31 0.00	29.23 1.45 0.00	30.48 1.37 0.00	30.03 1.47 0.00	37.79 1.73 0.00	38.56 3.00 0.00	34.14 2.80 0.00	20.51 1.00 0.00	25.87 1.34 0.00	24.24 1.21 -1.47	18.28 0.76 -4.83	10.43 0.51 2.72	16.83 0.61 0.98	-2.28 0.59 24.49	-6.30 0.91 33.78	25.78 1.94 20.08	25.36 1.41 9.60	47.98 2.12 -15.60	43.39 2.25 -3.86	44.30 2.53 -4.49	74.53 3.11 -29.99	32.88 2.44 0.00	27.84 1.61 -0.64
PPL_SHRM_GT4 24214	32.27 1.54 0.00	31.34 1.31 0.00	29.23 1.45 0.00	30.48 1.37 0.00	30.03 1.47 0.00	37.79 1.73 0.00	38.56 3.00 0.00	34.14 2.80 0.00	20.51 1.00 0.00	25.87 1.34 0.00	24.24 1.21 -1.47	18.28 0.76 -4.83	10.43 0.51 2.72	16.83 0.61 0.98	-2.28 0.59 24.49	-6.30 0.91 33.78	25.78 1.94 20.08	25.36 1.41 9.60	47.98 2.12 -15.60	43.39 2.25 -3.86	44.30 2.53 -4.49	74.53 3.11 -29.99	32.88 2.44 0.00	27.84 1.61 -0.64
PROJECT___ORANGE 1 24174	30.48 -0.25 0.00	29.71 -0.32 0.00	27.45 -0.33 0.00	28.74 -0.36 0.00	28.16 -0.39 0.00	35.57 -0.49 0.00	35.11 -0.45 0.00	30.99 -0.35 0.00	19.28 -0.22 0.00	24.17 -0.36 0.00	21.29 -0.27 0.00	12.55 -0.14 0.00	12.50 -0.13 0.00	17.04 -0.16 0.00	21.58 -0.03 0.00	26.54 -0.03 0.00	43.79 -0.14 0.00	33.40 -0.15 0.00	30.03 -0.22 0.00	37.13 -0.14 0.00	37.22 -0.06 0.00	41.22 -0.22 0.00	30.09 -0.35 0.00	25.23 -0.36 0.00
PROJECT___ORANGE 2 24166	30.48 -0.25 0.00	29.71 -0.32 0.00	27.45 -0.33 0.00	28.74 -0.36 0.00	28.16 -0.39 0.00	35.57 -0.49 0.00	35.11 -0.45 0.00	30.99 -0.35 0.00	19.28 -0.22 0.00	24.17 -0.36 0.00	21.29 -0.27 0.00	12.55 -0.14 0.00	12.50 -0.13 0.00	17.04 -0.16 0.00	21.58 -0.03 0.00	26.54 -0.03 0.00	43.79 -0.14 0.00	33.40 -0.15 0.00	30.03 -0.22 0.00	37.13 -0.14 0.00	37.22 -0.06 0.00	41.22 -0.22 0.00	30.09 -0.35 0.00	25.23 -0.36 0.00
PUCKETT___SOLAR 323809	31.64 0.91 0.00	30.78 0.75 0.00	28.41 0.63 0.00	29.73 0.62 0.00	28.99 0.43 0.00	36.42 0.36 0.00	35.91 0.35 0.00	31.64 0.30 0.00	19.60 0.10 0.00	24.48 -0.05 0.00	21.47 -0.08 0.00	12.61 -0.08 0.00	12.56 -0.07 0.00	17.11 -0.09 0.00	21.58 -0.03 0.00	26.58 0.01 0.00	43.80 -0.13 0.00	33.58 0.03 0.00	30.26 0.01 0.00	37.47 0.19 0.00	37.58 0.31 0.00	41.80 0.36 0.00	30.61 0.17 0.00	25.67 0.08 0.00
PYRITES___HYD 24023	30.82 0.08 0.00	30.33 0.30 0.00	28.36 0.58 0.00	29.71 0.60 0.00	29.17 0.61 0.00	36.79 0.72 0.00	36.05 0.49 0.00	31.49 0.14 0.00	19.37 -0.13 0.00	24.43 -0.11 0.00	21.39 -0.17 0.00	12.64 -0.05 0.00	12.70 0.07 0.00	17.32 0.12 0.00	21.56 -0.05 0.00	26.54 -0.02 0.00	44.32 0.39 0.00	33.76 0.21 0.00	30.47 0.21 0.00	37.69 0.41 0.00	38.88 0.22 -1.38	41.65 0.21 0.00	31.35 0.26 -0.65	25.73 0.14 0.00
QUAKERRD_115KV_BK1 80622	29.36 -1.38 0.00	28.57 -1.45 0.00	26.42 -1.36 0.00	27.64 -1.47 0.00	27.02 -1.53 0.00	34.10 -1.96 0.00	33.54 -2.02 0.00	29.66 -1.69 0.00	18.49 -1.01 0.00	23.23 -1.30 0.00	20.54 -1.02 0.00	12.11 -0.58 0.00	12.07 -0.56 0.00	16.41 -0.79 0.00	20.59 -1.02 0.00	25.37 -1.20 0.00	41.72 -2.21 0.00	31.67 -1.88 0.00	28.35 -1.91 0.00	35.19 -2.09 0.00	35.31 -1.96 0.00	39.49 -1.95 0.00	28.95 -1.49 0.00	24.15 -1.43 0.00
QUENSBRY_115KV_TB8 356137	32.31 1.58 0.00	31.41 1.39 0.00	29.08 1.29 0.00	30.57 1.46 0.00	30.14 1.58 0.00	38.26 2.20 0.00	38.19 2.63 0.00	33.66 2.31 0.00	20.67 1.17 0.00	25.78 1.25 0.00	22.35 0.80 0.00	13.11 0.42 0.00	13.03 0.40 0.00	17.84 0.64 0.00	22.59 0.98 0.00	27.98 1.42 0.00	46.48 2.56 0.00	35.78 2.23 0.00	32.53 2.27 0.00	40.00 2.73 0.00	39.92 2.65 0.00	44.19 2.75 0.00	32.21 1.77 0.00	27.12 1.53 0.00
RAMAPO___LBMP 323565	32.03 1.29 0.00	31.12 1.10 0.00	28.62 0.84 0.00	29.99 0.88 0.00	29.53 0.97 0.00	37.46 1.40 0.00	37.22 1.67 0.00	33.19 1.84 0.00	20.64 1.13 0.00	25.86 1.33 0.00	22.72 1.16 0.00	13.35 0.66 0.00	13.27 0.64 0.00	18.04 0.84 0.00	22.62 1.01 0.00	27.83 1.26 0.00	46.09 2.16 0.00	35.29 1.74 0.00	32.00 1.74 0.00	39.40 2.12 0.00	39.45 2.17 0.00	43.73 2.29 0.00	32.08 1.64 0.00	26.86 1.43 0.15
RANKINE____ 23646	29.62 -1.12 0.00	28.68 -1.35 0.00	26.46 -1.32 0.00	27.58 -1.53 0.00	26.84 -1.72 0.00	33.72 -2.34 0.00	32.93 -2.63 0.00	29.28 -2.07 0.00	18.14 -1.09 0.28	23.18 -1.35 0.00	20.56 -0.99 0.00	12.13 -0.56 0.00	12.09 -0.54 0.00	16.38 -0.82 0.00	20.42 -1.19 0.00	25.23 -1.34 0.00	41.42 -2.51 0.00	27.32 -2.23 4.00	19.54 -2.35 8.37	34.81 -2.47 0.00	35.05 -2.23 0.00	39.47 -1.97 0.00	28.89 -1.55 0.00	23.95 -1.64 0.00
RAVENSWOOD_GT2_1 24244	32.72 1.98 0.00	31.81 1.78 0.00	29.32 1.53 0.00	30.72 1.61 0.00	30.23 1.68 0.00	38.33 2.27 0.00	38.12 2.56 0.00	33.94 2.60 0.00	21.12 1.62 0.00	26.51 1.97 0.00	23.30 1.75 0.00	30.15 1.00 -16.46	45.86 0.94 -32.28	35.38 1.25 -16.93	32.13 1.54 -8.98	32.43 1.90 -3.96	47.12 3.18 -0.01	36.09 2.53 -0.01	32.68 2.42 0.00	40.19 2.92 0.00	40.20 2.92 0.00	44.60 3.16 0.00	32.77 2.33 0.00	41.46 2.03 -13.84

RAVENSWOOD_GT2_2 24245	32.72 1.98 0.00	31.81 1.78 0.00	29.32 1.53 0.00	30.72 1.61 0.00	30.23 1.68 0.00	38.33 2.27 0.00	38.12 2.56 0.00	33.94 2.60 0.00	21.12 1.62 0.00	26.51 1.97 0.00	23.30 1.75 0.00	30.15 1.00 -16.46	45.86 0.94 -32.28	35.38 1.25 -16.93	32.13 1.54 -8.98	32.43 1.90 -3.96	47.12 3.18 -0.01	36.09 2.53 -0.01	32.68 2.42 0.00	40.19 2.92 0.00	40.20 2.92 0.00	44.60 3.16 0.00	32.77 2.33 0.00	41.46 2.03 -13.84
RAVENSWOOD_GT2_3 24246	32.73 1.99 0.00	31.82 1.80 0.00	29.32 1.54 0.00	30.72 1.62 0.00	30.25 1.69 0.00	38.35 2.29 0.00	38.14 2.58 0.00	33.96 2.61 0.00	21.13 1.63 0.00	26.52 1.98 0.00	23.31 1.76 0.00	30.15 1.00 -16.46	45.86 0.94 -32.28	35.40 1.26 -16.93	32.14 1.55 -8.98	32.44 1.92 -3.96	47.14 3.21 -0.01	36.10 2.54 -0.01	32.69 2.43 0.00	40.20 2.93 0.00	40.20 2.93 0.00	44.62 3.18 0.00	32.78 2.34 0.00	41.46 2.04 -13.84
RAVENSWOOD_GT2_4 24247	32.73 1.99 0.00	31.82 1.80 0.00	29.32 1.54 0.00	30.72 1.62 0.00	30.25 1.69 0.00	38.35 2.29 0.00	38.14 2.58 0.00	33.96 2.61 0.00	21.13 1.63 0.00	26.52 1.98 0.00	23.31 1.76 0.00	30.15 1.00 -16.46	45.86 0.94 -32.28	35.40 1.26 -16.93	32.14 1.55 -8.98	32.44 1.92 -3.96	47.14 3.21 -0.01	36.10 2.54 -0.01	32.69 2.43 0.00	40.20 2.93 0.00	40.20 2.93 0.00	44.62 3.18 0.00	32.78 2.34 0.00	41.46 2.04 -13.84
RAVENSWOOD_GT3_1 24248	32.72 1.98 0.00	31.81 1.78 0.00	29.32 1.53 0.00	30.72 1.61 0.00	30.24 1.68 0.00	38.34 2.27 0.00	38.12 2.56 0.00	33.94 2.60 0.00	21.12 1.62 0.00	26.51 1.97 0.00	23.30 1.75 0.00	30.15 1.00 -16.46	45.86 0.94 -32.28	35.38 1.25 -16.93	32.13 1.54 -8.98	32.43 1.90 -3.96	47.12 3.18 -0.01	36.09 2.53 -0.01	32.68 2.42 0.00	40.19 2.92 0.00	40.20 2.92 0.00	44.60 3.16 0.00	32.77 2.33 0.00	41.46 2.03 -13.84
RAVENSWOOD_GT3_2 24249	32.72 1.98 0.00	31.81 1.78 0.00	29.32 1.53 0.00	30.72 1.61 0.00	30.24 1.68 0.00	38.34 2.27 0.00	38.12 2.56 0.00	33.94 2.60 0.00	21.12 1.62 0.00	26.51 1.97 0.00	23.30 1.75 0.00	30.15 1.00 -16.46	45.86 0.94 -32.28	35.38 1.25 -16.93	32.13 1.54 -8.98	32.43 1.90 -3.96	47.12 3.18 -0.01	36.09 2.53 -0.01	32.68 2.42 0.00	40.19 2.92 0.00	40.20 2.92 0.00	44.60 3.16 0.00	32.77 2.33 0.00	41.46 2.03 -13.84
RAVENSWOOD_GT3_3 24250	32.76 2.03 0.00	31.84 1.82 0.00	29.35 1.56 0.00	30.75 1.64 0.00	30.28 1.72 0.00	38.38 2.32 0.00	38.17 2.62 0.00	33.98 2.64 0.00	21.15 1.65 0.00	26.54 2.01 0.00	23.33 1.78 0.00	30.17 1.02 -16.46	45.88 0.96 -32.28	35.41 1.28 -16.93	32.17 1.58 -8.98	32.47 1.94 -3.96	47.19 3.26 -0.01	36.14 2.58 -0.01	32.73 2.46 0.00	40.24 2.97 0.00	40.24 2.97 0.00	44.66 3.22 0.00	32.81 2.37 0.00	41.49 2.06 -13.84
RAVENSWOOD_GT3_4 24251	32.76 2.03 0.00	31.84 1.82 0.00	29.35 1.56 0.00	30.75 1.64 0.00	30.28 1.72 0.00	38.38 2.32 0.00	38.17 2.62 0.00	33.98 2.64 0.00	21.15 1.65 0.00	26.54 2.01 0.00	23.33 1.78 0.00	30.17 1.02 -16.46	45.88 0.96 -32.28	35.41 1.28 -16.93	32.17 1.58 -8.98	32.47 1.94 -3.96	47.19 3.26 -0.01	36.14 2.58 -0.01	32.73 2.46 0.00	40.24 2.97 0.00	40.24 2.97 0.00	44.66 3.22 0.00	32.81 2.37 0.00	41.49 2.06 -13.84
RAVENSWOOD_GT_1 23729	35.41 2.09 -2.59	34.69 1.93 -2.75	32.60 1.65 -3.17	33.66 1.73 -2.82	33.27 1.81 -2.90	40.05 2.42 -1.57	39.94 2.72 -1.67	36.09 2.74 -2.00	25.76 1.72 -4.53	29.65 2.11 -3.01	27.68 1.86 -4.26	33.03 1.06 -19.29	45.91 0.98 -32.30	36.91 1.31 -18.41	34.10 1.62 -10.86	34.25 2.01 -5.67	48.10 3.36 -0.81	37.65 2.69 -1.40	35.26 2.56 -2.45	41.56 3.07 -1.22	41.07 3.07 -0.72	45.61 3.32 -0.85	34.61 2.48 -1.69	43.77 2.14 -16.03
RAVENSWOOD_GT_10 24258	32.71 1.98 0.00	31.80 1.78 0.00	29.31 1.52 0.00	30.71 1.60 0.00	30.23 1.68 0.00	38.33 2.27 0.00	38.12 2.56 0.00	33.94 2.59 0.00	21.12 1.61 0.00	26.50 1.97 0.00	23.32 1.75 -0.02	30.20 1.00 -16.51	45.85 0.94 -32.28	35.38 1.25 -16.93	32.13 1.54 -8.98	32.43 1.90 -3.96	47.11 3.18 -0.01	36.09 2.53 -0.01	32.68 2.42 0.00	40.19 2.91 0.00	40.20 2.92 0.00	44.59 3.15 0.00	32.77 2.33 0.00	41.45 2.02 -13.84
RAVENSWOOD_GT_11 24259	32.71 1.98 0.00	31.80 1.78 0.00	29.31 1.52 0.00	30.71 1.60 0.00	30.23 1.68 0.00	38.33 2.27 0.00	38.12 2.56 0.00	33.94 2.59 0.00	21.12 1.61 0.00	26.50 1.97 0.00	23.32 1.75 -0.02	30.20 1.00 -16.51	45.85 0.94 -32.28	35.38 1.25 -16.93	32.13 1.54 -8.98	32.43 1.90 -3.96	47.11 3.18 -0.01	36.09 2.53 -0.01	32.68 2.42 0.00	40.19 2.91 0.00	40.20 2.92 0.00	44.59 3.15 0.00	32.77 2.33 0.00	41.45 2.02 -13.84
RAVENSWOOD_GT_4 24252	34.66 1.97 -1.96	33.87 1.76 -2.08	31.71 1.51 -2.41	32.85 1.59 -2.15	32.43 1.67 -2.20	39.51 2.26 -1.19	39.37 2.54 -1.27	35.45 2.58 -1.52	24.55 1.60 -3.44	28.77 1.95 -2.29	26.28 1.73 -3.00	32.29 0.99 -18.61	45.87 0.94 -32.30	36.50 1.25 -18.05	33.56 1.53 -10.41	33.71 1.88 -5.27	47.70 3.16 -0.62	37.11 2.49 -1.07	34.53 2.41 -1.86	41.10 2.89 -0.93	40.73 2.90 -0.55	45.22 3.14 -0.65	34.03 2.31 -1.28	43.10 2.01 -15.50
RAVENSWOOD_GT_5 24254	34.66 1.97 -1.96	33.87 1.76 -2.08	31.71 1.51 -2.41	32.85 1.59 -2.15	32.43 1.67 -2.20	39.51 2.26 -1.19	39.37 2.54 -1.27	35.45 2.58 -1.52	24.55 1.60 -3.44	28.77 1.95 -2.29	26.28 1.73 -3.00	32.29 0.99 -18.61	45.87 0.94 -32.30	36.50 1.25 -18.05	33.56 1.53 -10.41	33.71 1.88 -5.27	47.70 3.16 -0.62	37.11 2.49 -1.07	34.53 2.41 -1.86	41.10 2.89 -0.93	40.73 2.90 -0.55	45.22 3.14 -0.65	34.03 2.31 -1.28	43.10 2.01 -15.50
RAVENSWOOD_GT_6 24253	34.66 1.97 -1.96	33.87 1.76 -2.08	31.71 1.51 -2.41	32.85 1.59 -2.15	32.43 1.67 -2.20	39.51 2.26 -1.19	39.37 2.54 -1.27	35.45 2.58 -1.52	24.55 1.60 -3.44	28.77 1.95 -2.29	26.28 1.73 -3.00	32.29 0.99 -18.61	45.87 0.94 -32.30	36.50 1.25 -18.05	33.56 1.53 -10.41	33.71 1.88 -5.27	47.70 3.16 -0.62	37.11 2.49 -1.07	34.53 2.41 -1.86	41.10 2.89 -0.93	40.73 2.90 -0.55	45.22 3.14 -0.65	34.03 2.31 -1.28	43.10 2.01 -15.50
RAVENSWOOD_GT_7 24255	34.66 1.97 -1.96	33.87 1.76 -2.08	31.71 1.51 -2.41	32.85 1.59 -2.15	32.43 1.67 -2.20	39.51 2.26 -1.19	39.37 2.54 -1.27	35.45 2.58 -1.52	24.55 1.60 -3.44	28.77 1.95 -2.29	26.28 1.73 -3.00	32.29 0.99 -18.61	45.87 0.94 -32.30	36.50 1.25 -18.05	33.56 1.53 -10.41	33.71 1.88 -5.27	47.70 3.16 -0.62	37.11 2.49 -1.07	34.53 2.41 -1.86	41.10 2.89 -0.93	40.73 2.90 -0.55	45.22 3.14 -0.65	34.03 2.31 -1.28	43.10 2.01 -15.50
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	32.71 1.98 0.00	31.80 1.78 0.00	29.31 1.52 0.00	30.71 1.60 0.00	30.23 1.68 0.00	38.33 2.27 0.00	38.12 2.56 0.00	33.94 2.59 0.00	21.12 1.61 0.00	26.50 1.97 0.00	23.32 1.75 -0.02	30.20 1.00 -16.51	45.85 0.94 -32.28	35.38 1.25 -16.93	32.13 1.54 -8.98	32.43 1.90 -3.96	47.11 3.18 -0.01	36.09 2.53 -0.01	32.68 2.42 0.00	40.19 2.91 0.00	40.20 2.92 0.00	44.59 3.15 0.00	32.77 2.33 0.00	41.45 2.02 -13.84

RAVENSWOOD_GT_9 24257	32.71 1.98 0.00	31.80 1.78 0.00	29.31 1.52 0.00	30.71 1.60 0.00	30.23 1.68 0.00	38.33 2.27 0.00	38.12 2.56 0.00	33.94 2.59 0.00	21.12 1.61 0.00	26.50 1.97 0.00	23.32 1.75 -0.02	30.20 1.00 -16.51	45.85 0.94 -32.28	35.38 1.25 -16.93	32.13 1.54 -8.98	32.43 1.90 -3.96	47.11 3.18 -0.01	36.09 2.53 -0.01	32.68 2.42 0.00	40.19 2.91 0.00	40.20 2.92 0.00	44.59 3.15 0.00	32.77 2.33 0.00	41.45 2.02 -13.84
RAVENSWOOD___1 23533	30.27 2.06 2.53	29.22 1.89 2.69	26.29 1.62 3.11	28.02 1.69 2.78	27.48 1.77 2.85	36.91 2.38 1.53	36.60 2.68 1.64	32.09 2.71 1.97	16.76 1.70 4.45	23.66 2.08 2.95	20.26 1.85 3.14	28.43 1.04 -14.70	45.85 0.95 -32.26	33.97 1.29 -15.48	30.33 1.59 -7.12	30.81 1.97 -2.27	46.48 3.34 0.79	34.85 2.66 1.36	30.37 2.52 2.41	39.10 3.03 1.20	39.59 3.02 0.71	43.89 3.29 0.84	31.24 2.46 1.66	39.39 2.11 -11.68
RAVENSWOOD___2 23534	32.76 2.01 -0.01	31.85 1.82 -0.01	29.30 1.51 0.00	30.66 1.55 0.00	30.19 1.63 0.00	38.30 2.24 0.00	38.11 2.55 0.00	33.94 2.59 0.00	21.17 1.65 -0.01	26.56 2.02 -0.01	23.90 1.81 -0.54	30.69 1.02 -16.98	45.85 0.94 -32.28	35.39 1.26 -16.93	32.15 1.55 -8.98	32.45 1.93 -3.96	47.11 3.18 -0.01	36.10 2.55 -0.01	32.62 2.37 0.00	40.09 2.81 0.00	40.07 2.79 0.00	44.48 3.04 0.00	32.78 2.34 0.00	41.51 2.07 -13.84
RAVENSWOOD___3 23535	32.72 1.98 0.00	31.80 1.78 0.00	29.32 1.53 0.00	30.71 1.60 0.00	30.24 1.68 0.00	38.34 2.28 0.00	38.13 2.57 0.00	33.94 2.59 0.00	21.13 1.62 0.00	26.51 1.97 0.00	23.30 1.75 0.00	30.15 1.00 -16.46	45.86 0.94 -32.28	35.39 1.26 -16.93	32.14 1.55 -8.98	32.43 1.91 -3.96	47.12 3.19 -0.01	36.08 2.53 -0.01	32.68 2.42 0.00	40.19 2.92 0.00	40.20 2.92 0.00	44.60 3.16 0.00	32.77 2.33 0.00	41.46 2.03 -13.84
RAVENSWOOD___4 23820	30.27 2.06 2.53	29.22 1.89 2.69	26.29 1.62 3.11	28.02 1.69 2.78	27.48 1.77 2.85	36.91 2.38 1.53	36.60 2.68 1.64	32.09 2.71 1.97	16.76 1.70 4.45	23.66 2.08 2.95	20.26 1.85 3.14	28.43 1.04 -14.70	45.85 0.95 -32.26	33.97 1.29 -15.48	30.33 1.59 -7.12	30.81 1.97 -2.27	46.48 3.34 0.79	34.85 2.66 1.36	30.37 2.52 2.41	39.10 3.03 1.20	39.59 3.02 0.71	43.89 3.29 0.84	31.24 2.46 1.66	39.39 2.11 -11.68
RCPI_TRUST___DRP 24196	32.68 1.94 0.00	31.78 1.75 0.00	29.29 1.50 0.00	30.69 1.58 0.00	30.21 1.65 0.00	38.30 2.24 0.00	38.09 2.53 0.00	33.90 2.55 0.00	21.09 1.58 0.00	26.46 1.93 0.00	23.26 1.71 0.00	23.90 0.98 -10.23	33.62 0.93 -20.07	28.96 1.23 -10.53	28.71 1.51 -5.58	30.89 1.86 -2.46	47.05 3.12 0.00	36.02 2.47 -0.01	32.63 2.37 0.00	40.12 2.85 0.00	40.12 2.85 0.00	44.52 3.08 0.00	32.71 2.27 0.00	27.14 1.99 0.43
RED___ROCHESTER 323720	30.02 -0.72 0.00	29.19 -0.83 0.00	26.98 -0.80 0.00	28.22 -0.89 0.00	27.57 -0.99 0.00	34.78 -1.29 0.00	34.19 -1.37 0.00	30.25 -1.09 0.00	18.87 -0.64 0.00	23.73 -0.80 0.00	21.02 -0.54 0.00	12.41 -0.27 0.00	12.34 -0.29 0.00	16.77 -0.42 0.00	21.01 -0.60 0.00	25.94 -0.63 0.00	42.61 -1.32 0.00	32.29 -1.25 0.00	28.91 -1.36 0.00	35.90 -1.38 0.00	36.05 -1.22 0.00	40.37 -1.07 0.00	29.58 -0.86 0.00	24.65 -0.94 0.00
REGAN___SOLAR 323812	32.64 1.90 0.00	31.87 1.85 0.00	29.47 1.69 0.00	30.88 1.77 0.00	30.30 1.74 0.00	38.34 2.28 0.00	37.77 2.22 0.00	32.73 1.39 0.00	19.80 0.29 0.00	24.45 -0.08 0.00	21.32 -0.23 0.00	12.57 -0.11 0.00	12.52 -0.11 0.00	17.11 -0.09 0.00	21.94 0.32 0.00	27.42 0.85 0.00	46.27 2.34 0.00	35.42 1.87 0.00	31.92 1.66 0.00	39.58 2.30 0.00	39.61 2.33 0.00	44.08 2.64 0.00	32.27 1.83 0.00	27.04 1.44 0.00
RENSSELAER___COGEN 23796	31.22 0.49 0.00	30.41 0.39 0.00	28.10 0.31 0.00	29.46 0.36 0.00	28.98 0.42 0.00	36.62 0.56 0.00	36.39 0.83 0.00	32.14 0.79 0.00	19.99 0.49 0.00	25.08 0.54 0.00	21.94 0.38 0.00	12.88 0.19 0.00	12.83 0.20 0.00	17.50 0.30 0.00	22.01 0.39 0.00	27.06 0.49 0.00	44.71 0.78 0.00	34.32 0.77 0.00	31.05 0.79 0.00	38.05 0.77 0.00	38.08 0.81 0.00	42.23 0.79 0.00	31.10 0.66 0.00	26.23 0.64 0.00
REPUBLIC_115KV_BARTNBRK 55605	33.20 2.46 0.00	32.18 2.15 0.00	29.96 2.17 0.00	31.61 2.50 0.00	31.27 2.72 0.00	39.49 3.42 0.00	39.72 4.17 0.00	34.72 3.37 0.00	21.13 1.63 0.00	26.31 1.77 0.00	22.57 1.02 0.00	13.21 0.52 0.00	13.11 0.48 0.00	17.98 0.78 0.00	23.06 1.45 0.00	28.47 1.91 0.00	47.47 3.54 0.00	36.64 3.09 0.00	33.64 3.38 0.00	41.30 4.02 0.00	41.21 3.93 0.00	45.47 4.03 0.00	32.77 2.34 0.00	27.71 2.12 0.00
REVERE_CPPR_DRP 24186	31.75 1.01 0.00	30.98 0.97 0.00	28.68 0.90 0.00	30.05 0.94 0.00	29.44 0.88 0.00	37.22 1.16 0.00	36.69 1.13 0.00	32.23 0.89 0.00	19.94 0.43 0.00	25.01 0.47 0.00	21.81 0.26 0.00	12.89 0.20 0.00	12.76 0.13 0.00	17.42 0.22 0.00	22.02 0.40 0.00	27.31 0.74 0.00	45.12 1.19 0.00	34.53 0.98 0.00	31.10 0.84 0.00	38.36 1.08 0.00	38.41 1.14 0.00	42.55 1.11 0.00	31.10 0.66 0.00	26.09 0.50 0.00
REYNOLDS_115KV_TB3 80639	31.47 0.73 0.00	30.63 0.61 0.00	28.29 0.50 0.00	29.68 0.57 0.00	29.20 0.64 0.00	36.92 0.86 0.00	36.67 1.11 0.00	32.40 1.05 0.00	20.16 0.65 0.00	25.28 0.75 0.00	22.10 0.55 0.00	12.98 0.29 0.00	12.93 0.30 0.00	17.63 0.43 0.00	22.17 0.56 0.00	27.25 0.68 0.00	45.07 1.14 0.00	34.58 1.03 0.00	31.28 1.03 0.00	38.35 1.08 0.00	38.38 1.10 0.00	42.57 1.13 0.00	31.32 0.88 0.00	26.43 0.84 0.00
RIVERBAY____ 323610	33.41 2.66 -0.01	32.55 2.52 -0.01	30.02 2.24 0.00	31.47 2.36 0.00	30.99 2.43 0.00	39.30 3.24 0.00	39.09 3.53 0.00	34.72 3.37 0.00	21.60 2.08 -0.01	27.03 2.49 -0.01	23.72 2.16 -0.01	27.41 1.20 -13.52	40.27 1.13 -26.51	32.62 1.51 -13.91	30.85 1.87 -7.38	32.14 2.32 -3.25	47.99 4.06 -0.01	36.80 3.24 -0.01	33.33 3.06 0.00	40.98 3.70 0.00	41.03 3.75 0.00	45.51 4.07 0.00	33.41 2.98 0.00	41.98 2.54 -13.84
RIVERSDE_115KV_TB3 55908	31.36 0.62 0.00	30.54 0.52 0.00	28.20 0.42 0.00	29.58 0.47 0.00	29.10 0.55 0.00	36.79 0.73 0.00	36.54 0.98 0.00	32.28 0.93 0.00	20.08 0.57 0.00	25.19 0.66 0.00	22.03 0.48 0.00	12.94 0.25 0.00	12.88 0.25 0.00	17.57 0.37 0.00	22.10 0.49 0.00	27.18 0.61 0.00	44.92 1.00 0.00	34.48 0.93 0.00	31.18 0.93 0.00	38.22 0.95 0.00	38.24 0.97 0.00	42.42 0.98 0.00	31.22 0.78 0.00	26.33 0.74 0.00
ROARING___BROOK_WT_PWR 323790	30.25 -0.49 0.00	29.84 -0.18 0.00	27.79 0.01 0.00	29.08 -0.03 0.00	28.38 -0.18 0.00	35.62 -0.44 0.00	34.90 -0.66 0.00	30.79 -0.56 0.00	19.18 -0.33 0.00	24.18 -0.36 0.00	21.12 -0.44 0.00	12.44 -0.25 0.00	12.37 -0.26 0.00	16.82 -0.38 0.00	21.10 -0.51 0.00	25.94 -0.63 0.00	43.12 -0.80 0.00	32.97 -0.58 0.00	29.73 -0.52 0.00	36.63 -0.65 0.00	36.57 -0.71 0.00	40.51 -0.94 0.00	29.69 -0.75 0.00	24.98 -0.61 0.00

ROCHESRG_115KV_T4 355643	29.74 -1.00 0.00	28.93 -1.09 0.00	26.75 -1.03 0.00	27.97 -1.14 0.00	27.33 -1.23 0.00	34.45 -1.61 0.00	33.85 -1.71 0.00	29.96 -1.39 0.00	18.69 -0.81 0.00	23.50 -1.03 0.00	20.81 -0.74 0.00	12.28 -0.41 0.00	12.22 -0.41 0.00	16.61 -0.58 0.00	20.82 -0.80 0.00	25.68 -0.89 0.00	42.17 -1.76 0.00	31.46 -1.56 0.53	27.49 -1.66 1.11	35.52 -1.76 0.00	35.67 -1.61 0.00	39.96 -1.48 0.00	29.30 -1.14 0.00	24.42 -1.17 0.00
ROCHESTER_9_IC 23652	29.88 -0.86 0.00	29.06 -0.96 0.00	26.87 -0.91 0.00	28.10 -1.01 0.00	27.45 -1.11 0.00	34.62 -1.44 0.00	34.03 -1.53 0.00	30.11 -1.24 0.00	18.79 -0.72 0.00	23.62 -0.91 0.00	20.92 -0.63 0.00	12.33 -0.35 0.00	12.28 -0.35 0.00	16.70 -0.50 0.00	20.92 -0.69 0.00	25.82 -0.75 0.00	42.40 -1.52 0.00	32.13 -1.42 0.00	28.73 -1.53 0.00	35.71 -1.56 0.00	35.86 -1.41 0.00	40.16 -1.27 0.00	29.44 -1.00 0.00	24.53 -1.06 0.00
ROCKVIEW_13_KV_LD 356306	32.63 1.89 0.00	31.71 1.68 0.00	29.22 1.43 0.00	30.61 1.50 0.00	30.13 1.57 0.00	38.20 2.13 0.00	38.02 2.46 0.00	33.84 2.49 0.00	21.05 1.54 0.00	26.41 1.88 0.00	23.22 1.66 0.00	13.64 0.95 0.00	13.53 0.90 0.00	18.40 1.20 0.00	23.08 1.47 0.00	28.39 1.82 0.00	46.99 3.07 0.00	36.00 2.45 0.00	32.62 2.36 0.00	40.11 2.83 0.00	40.12 2.85 0.00	44.51 3.07 0.00	32.69 2.25 0.00	27.81 1.95 -0.27
ROME____115KV_TB2 80656	31.75 1.01 0.00	30.98 0.97 0.00	28.68 0.90 0.00	30.05 0.94 0.00	29.44 0.88 0.00	37.22 1.16 0.00	36.69 1.13 0.00	32.23 0.89 0.00	19.94 0.43 0.00	25.01 0.47 0.00	21.81 0.26 0.00	12.89 0.20 0.00	12.76 0.13 0.00	17.42 0.22 0.00	22.02 0.40 0.00	27.31 0.74 0.00	45.12 1.19 0.00	34.53 0.98 0.00	31.10 0.84 0.00	38.36 1.08 0.00	38.41 1.14 0.00	42.55 1.11 0.00	31.10 0.66 0.00	26.09 0.50 0.00
ROSETON___1 23587	32.03 1.30 0.00	31.16 1.13 0.00	28.72 0.93 0.00	30.10 0.99 0.00	29.61 1.05 0.00	37.52 1.46 0.00	37.30 1.75 0.00	33.19 1.84 0.00	20.64 1.14 0.00	25.90 1.37 0.00	22.76 1.20 0.00	13.36 0.68 0.00	13.27 0.64 0.00	18.06 0.86 0.00	22.67 1.06 0.00	27.85 1.29 0.00	46.10 2.17 0.00	35.31 1.76 0.00	31.99 1.73 0.00	39.35 2.07 0.00	39.37 2.09 0.00	43.67 2.24 0.00	32.07 1.63 0.00	27.06 1.42 -0.05
ROSETON___2 23588	32.03 1.30 0.00	31.16 1.13 0.00	28.72 0.93 0.00	30.10 0.99 0.00	29.61 1.05 0.00	37.52 1.46 0.00	37.30 1.75 0.00	33.19 1.84 0.00	20.64 1.14 0.00	25.90 1.37 0.00	22.76 1.20 0.00	13.36 0.68 0.00	13.27 0.64 0.00	18.06 0.86 0.00	22.67 1.06 0.00	27.85 1.29 0.00	46.10 2.17 0.00	35.31 1.76 0.00	31.99 1.73 0.00	39.35 2.07 0.00	39.37 2.09 0.00	43.67 2.24 0.00	32.07 1.63 0.00	27.06 1.42 -0.05
ROTTTRDAM_115KV_TB3 80664	31.51 0.77 0.00	30.72 0.70 0.00	28.38 0.60 0.00	29.76 0.65 0.00	29.24 0.68 0.00	36.96 0.90 0.00	36.59 1.03 0.00	32.28 0.94 0.00	20.03 0.53 0.00	25.11 0.58 0.00	22.00 0.44 0.00	12.93 0.24 0.00	12.86 0.23 0.00	17.54 0.34 0.00	22.08 0.47 0.00	27.19 0.63 0.00	45.08 1.15 0.00	34.50 0.95 0.00	31.18 0.92 0.00	38.36 1.08 0.00	38.37 1.10 0.00	42.63 1.19 0.00	31.28 0.84 0.00	26.33 0.74 0.00
RUSSELL___1 23602	30.02 -0.72 0.00	29.19 -0.83 0.00	26.99 -0.80 0.00	28.21 -0.90 0.00	27.57 -0.99 0.00	34.77 -1.29 0.00	34.19 -1.38 0.00	30.25 -1.10 0.00	18.87 -0.64 0.00	23.73 -0.80 0.00	21.02 -0.54 0.00	12.39 -0.30 0.00	12.33 -0.30 0.00	16.78 -0.42 0.00	21.01 -0.60 0.00	25.94 -0.63 0.00	42.61 -1.31 0.00	32.28 -1.27 0.00	28.87 -1.39 0.00	35.89 -1.38 0.00	36.05 -1.22 0.00	40.37 -1.07 0.00	29.58 -0.86 0.00	24.65 -0.94 0.00
RUSSELL___2 23532	30.02 -0.72 0.00	29.19 -0.83 0.00	26.99 -0.80 0.00	28.21 -0.90 0.00	27.57 -0.99 0.00	34.77 -1.29 0.00	34.19 -1.38 0.00	30.25 -1.10 0.00	18.87 -0.64 0.00	23.73 -0.80 0.00	21.02 -0.54 0.00	12.39 -0.30 0.00	12.33 -0.30 0.00	16.78 -0.42 0.00	21.01 -0.60 0.00	25.94 -0.63 0.00	42.61 -1.31 0.00	32.28 -1.27 0.00	28.87 -1.39 0.00	35.89 -1.38 0.00	36.05 -1.22 0.00	40.37 -1.07 0.00	29.58 -0.86 0.00	24.65 -0.94 0.00
RUSSELL___3 23549	30.02 -0.72 0.00	29.19 -0.83 0.00	26.99 -0.80 0.00	28.21 -0.90 0.00	27.57 -0.99 0.00	34.77 -1.29 0.00	34.19 -1.38 0.00	30.25 -1.10 0.00	18.87 -0.64 0.00	23.73 -0.80 0.00	21.02 -0.54 0.00	12.39 -0.30 0.00	12.33 -0.30 0.00	16.78 -0.42 0.00	21.01 -0.60 0.00	25.94 -0.63 0.00	42.61 -1.31 0.00	32.28 -1.27 0.00	28.87 -1.39 0.00	35.89 -1.38 0.00	36.05 -1.22 0.00	40.37 -1.07 0.00	29.58 -0.86 0.00	24.65 -0.94 0.00
RUSSELL___4 23556	30.02 -0.72 0.00	29.19 -0.83 0.00	26.99 -0.80 0.00	28.21 -0.90 0.00	27.57 -0.99 0.00	34.77 -1.29 0.00	34.19 -1.38 0.00	30.25 -1.10 0.00	18.87 -0.64 0.00	23.73 -0.80 0.00	21.02 -0.54 0.00	12.39 -0.30 0.00	12.33 -0.30 0.00	16.78 -0.42 0.00	21.01 -0.60 0.00	25.94 -0.63 0.00	42.61 -1.31 0.00	32.28 -1.27 0.00	28.87 -1.39 0.00	35.89 -1.38 0.00	36.05 -1.22 0.00	40.37 -1.07 0.00	29.58 -0.86 0.00	24.65 -0.94 0.00
RUSSELL___STATION 23914	30.02 -0.72 0.00	29.19 -0.83 0.00	26.99 -0.80 0.00	28.21 -0.90 0.00	27.57 -0.99 0.00	34.77 -1.29 0.00	34.19 -1.38 0.00	30.25 -1.10 0.00	18.87 -0.64 0.00	23.73 -0.80 0.00	21.02 -0.54 0.00	12.39 -0.30 0.00	12.33 -0.30 0.00	16.78 -0.42 0.00	21.01 -0.60 0.00	25.94 -0.63 0.00	42.61 -1.31 0.00	32.28 -1.27 0.00	28.87 -1.39 0.00	35.89 -1.38 0.00	36.05 -1.22 0.00	40.37 -1.07 0.00	29.58 -0.86 0.00	24.65 -0.94 0.00
S SALMON___HYD 24043	30.20 -0.53 0.00	29.54 -0.48 0.00	27.42 -0.36 0.00	28.72 -0.39 0.00	28.12 -0.43 0.00	35.47 -0.59 0.00	34.85 -0.71 0.00	30.66 -0.68 0.00	19.00 -0.52 0.00	23.85 -0.68 0.00	20.97 -0.59 0.00	12.34 -0.34 0.00	12.22 -0.41 0.00	16.64 -0.56 0.00	21.01 -0.60 0.00	25.96 -0.61 0.00	42.74 -1.19 0.00	32.79 -0.75 0.00	29.55 -0.71 0.00	36.30 -0.97 0.00	36.41 -0.87 0.00	40.39 -1.05 0.00	29.60 -0.84 0.00	24.80 -0.79 0.00
S.PERRY__115KV_TB1 80734	30.98 0.24 0.00	29.98 -0.05 0.00	27.58 -0.21 0.00	28.70 -0.41 0.00	27.95 -0.61 0.00	35.15 -0.92 0.00	34.47 -1.09 0.00	30.54 -0.80 0.00	19.86 -0.51 -0.86	23.47 -1.07 0.00	20.82 -0.73 0.00	12.27 -0.42 0.00	12.29 -0.35 0.00	16.69 -0.51 0.00	20.82 -0.79 0.00	25.91 -0.66 0.00	42.46 -1.47 0.00	45.36 -1.25 -13.06	56.03 -1.57 -27.34	36.27 -1.01 0.00	36.77 -0.51 0.00	41.11 -0.33 0.00	30.08 -0.36 0.00	24.90 -0.69 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	29.26 -1.48 0.00	28.36 -1.66 0.00	26.21 -1.58 0.00	27.34 -1.78 0.00	26.60 -1.96 0.00	33.43 -2.63 0.00	32.63 -2.93 0.00	28.99 -2.35 0.00	17.91 -1.35 0.24	22.87 -1.66 0.00	20.32 -1.23 0.00	12.03 -0.66 0.00	11.97 -0.66 0.00	16.22 -0.98 0.00	20.26 -1.35 0.00	25.01 -1.56 0.00	40.96 -2.97 0.00	27.20 -2.54 3.81	19.62 -2.66 7.97	34.35 -2.93 0.00	34.58 -2.70 0.00	39.01 -2.43 0.00	28.60 -1.84 0.00	23.72 -1.86 0.00

SAWYER___23_KV_LOAD 55526	29.26 -1.48 0.00	28.36 -1.66 0.00	26.21 -1.58 0.00	27.34 -1.78 0.00	26.60 -1.96 0.00	33.43 -2.63 0.00	32.63 -2.93 0.00	28.99 -2.35 0.00	17.91 -1.35 0.24	22.87 -1.66 0.00	20.32 -1.23 0.00	12.03 -0.66 0.00	11.97 -0.66 0.00	16.22 -0.98 0.00	20.26 -1.35 0.00	25.01 -1.56 0.00	40.96 -2.97 0.00	27.20 -2.54 3.81	19.62 -2.66 7.97	34.35 -2.93 0.00	34.58 -2.70 0.00	39.01 -2.43 0.00	28.60 -1.84 0.00	23.72 -1.86 0.00
SELKIRK___I 23801	31.46 0.72 0.00	30.65 0.63 0.00	28.31 0.53 0.00	29.69 0.58 0.00	29.19 0.63 0.00	36.90 0.84 0.00	36.58 1.02 0.00	32.22 0.87 0.00	19.96 0.45 0.00	25.02 0.48 0.00	21.90 0.35 0.00	12.87 0.18 0.00	12.82 0.18 0.00	17.50 0.30 0.00	22.01 0.40 0.00	27.14 0.58 0.00	44.99 1.06 0.00	34.42 0.87 0.00	31.12 0.86 0.00	38.26 0.98 0.00	38.28 1.01 0.00	42.48 1.04 0.00	31.27 0.83 0.00	26.35 0.76 0.00
SELKIRK___II 23799	31.31 0.58 0.00	30.51 0.49 0.00	28.17 0.39 0.00	29.55 0.44 0.00	29.05 0.49 0.00	36.72 0.65 0.00	36.42 0.87 0.00	32.19 0.84 0.00	20.02 0.51 0.00	25.12 0.59 0.00	22.00 0.44 0.00	12.92 0.23 0.00	12.87 0.24 0.00	17.55 0.35 0.00	22.06 0.44 0.00	27.11 0.54 0.00	44.84 0.91 0.00	34.36 0.81 0.00	31.07 0.81 0.00	38.13 0.85 0.00	38.16 0.88 0.00	42.36 0.91 0.00	31.16 0.72 0.00	26.26 0.67 0.00
SENECA OSWGO___HYD 24041	30.13 -0.61 0.00	29.40 -0.62 0.00	27.19 -0.60 0.00	28.47 -0.63 0.00	27.91 -0.65 0.00	35.26 -0.80 0.00	34.78 -0.78 0.00	30.71 -0.64 0.00	19.11 -0.40 0.00	23.95 -0.59 0.00	21.05 -0.50 0.00	12.42 -0.27 0.00	12.35 -0.28 0.00	16.85 -0.35 0.00	21.24 -0.37 0.00	26.10 -0.47 0.00	43.12 -0.80 0.00	32.88 -0.67 0.00	29.62 -0.64 0.00	36.55 -0.73 0.00	36.63 -0.65 0.00	40.70 -0.74 0.00	29.82 -0.61 0.00	25.02 -0.57 0.00
SENECA___115KV_TB3 355854	29.67 -1.07 0.00	28.72 -1.30 0.00	26.51 -1.28 0.00	27.63 -1.48 0.00	26.87 -1.68 0.00	33.78 -2.28 0.00	32.98 -2.58 0.00	29.33 -2.01 0.00	18.17 -1.06 0.28	23.22 -1.32 0.00	20.60 -0.95 0.00	12.15 -0.54 0.00	12.11 -0.52 0.00	16.40 -0.80 0.00	20.45 -1.16 0.00	25.27 -1.30 0.00	41.48 -2.45 0.00	27.37 -2.18 4.00	19.59 -2.30 8.37	34.87 -2.41 0.00	35.11 -2.17 0.00	39.55 -1.89 0.00	28.93 -1.51 0.00	23.99 -1.60 0.00
SENECA___ENERGY 23797	30.54 -0.20 0.00	29.70 -0.32 0.00	27.43 -0.36 0.00	28.63 -0.48 0.00	28.01 -0.54 0.00	35.40 -0.66 0.00	34.87 -0.69 0.00	30.82 -0.52 0.00	19.25 -0.32 -0.06	24.06 -0.48 0.00	21.18 -0.38 0.00	12.47 -0.22 0.00	12.45 -0.18 0.00	16.96 -0.23 0.00	21.31 -0.30 0.00	26.12 -0.45 0.00	43.17 -0.76 0.00	33.83 -0.61 -0.89	31.39 -0.72 -1.85	36.67 -0.61 0.00	36.80 -0.47 0.00	40.96 -0.48 0.00	30.00 -0.44 0.00	25.09 -0.50 0.00
SHOEMAKER___GT 23640	31.87 1.14 0.00	30.99 0.97 0.00	28.56 0.77 0.00	29.93 0.82 0.00	29.44 0.88 0.00	37.29 1.23 0.00	37.01 1.45 0.00	32.83 1.48 0.00	20.41 0.90 0.00	25.55 1.02 0.00	22.46 0.91 0.00	13.20 0.52 0.00	13.12 0.48 0.00	17.83 0.63 0.00	22.37 0.76 0.00	27.50 0.93 0.00	45.57 1.64 0.00	34.94 1.39 0.00	31.65 1.39 0.00	38.97 1.69 0.00	39.02 1.75 0.00	43.31 1.87 0.00	31.78 1.34 0.00	26.67 1.17 0.09
SHOEMAKR_138KV_BK 111 55601	31.85 1.12 0.00	30.98 0.96 0.00	28.55 0.76 0.00	29.91 0.80 0.00	29.42 0.87 0.00	37.27 1.21 0.00	37.00 1.44 0.00	32.83 1.48 0.00	20.42 0.91 0.00	25.56 1.03 0.00	22.48 0.93 0.00	13.22 0.53 0.00	13.13 0.50 0.00	17.84 0.64 0.00	22.39 0.77 0.00	27.52 0.95 0.00	45.58 1.65 0.00	34.95 1.40 0.00	31.65 1.40 0.00	38.97 1.69 0.00	39.01 1.74 0.00	43.30 1.86 0.00	31.78 1.34 0.00	26.67 1.16 0.08
SHOREHAM_IC_1 23715	32.27 1.54 0.00	31.34 1.31 0.00	29.23 1.45 0.00	30.48 1.37 0.00	30.03 1.47 0.00	37.79 1.73 0.00	38.56 3.00 0.00	34.14 2.80 0.00	20.51 1.00 0.00	25.87 1.34 0.00	24.24 1.21 -1.47	18.28 0.76 -4.83	10.43 0.51 2.72	16.83 0.61 0.98	-2.28 0.59 24.49	-6.30 0.91 33.78	25.78 1.94 20.08	25.36 1.41 9.60	47.98 2.12 -15.60	43.39 2.25 -3.86	44.30 2.53 -4.49	74.53 3.11 -29.99	32.88 2.44 0.00	27.84 1.61 -0.64
SHOREHAM_IC_2 23716	32.27 1.54 0.00	31.34 1.31 0.00	29.23 1.45 0.00	30.48 1.37 0.00	30.03 1.47 0.00	37.79 1.73 0.00	38.56 3.00 0.00	34.14 2.80 0.00	20.51 1.00 0.00	25.87 1.34 0.00	24.24 1.21 -1.47	18.28 0.76 -4.83	10.43 0.51 2.72	16.83 0.61 0.98	-2.28 0.59 24.49	-6.30 0.91 33.78	25.78 1.94 20.08	25.36 1.41 9.60	47.98 2.12 -15.60	43.39 2.25 -3.86	44.30 2.53 -4.49	74.53 3.11 -29.99	32.88 2.44 0.00	27.84 1.61 -0.64
SISSONVILLE____ 23735	30.05 -0.69 0.00	29.60 -0.42 0.00	27.67 -0.11 0.00	29.00 -0.11 0.00	28.46 -0.10 0.00	35.88 -0.18 0.00	35.11 -0.44 0.00	30.77 -0.58 0.00	19.05 -0.46 0.00	24.06 -0.47 0.00	21.08 -0.48 0.00	12.43 -0.26 0.00	12.40 -0.23 0.00	16.90 -0.30 0.00	21.13 -0.48 0.00	26.00 -0.57 0.00	43.15 -0.78 0.00	32.90 -0.65 0.00	29.68 -0.58 0.00	36.60 -0.67 0.00	37.95 -0.86 -1.54	40.45 -0.99 0.00	30.57 -0.60 -0.73	25.01 -0.58 0.00
SITHE_IND_GS1 24169	29.86 -0.87 0.00	29.15 -0.87 0.00	26.96 -0.83 0.00	28.23 -0.88 0.00	27.67 -0.89 0.00	34.91 -1.15 0.00	34.43 -1.12 0.00	30.39 -0.96 0.00	18.92 -0.59 0.00	23.75 -0.78 0.00	20.92 -0.63 0.00	12.33 -0.36 0.00	12.27 -0.36 0.00	16.71 -0.49 0.00	21.01 -0.60 0.00	25.84 -0.73 0.00	42.67 -1.26 0.00	32.55 -1.00 0.00	29.29 -0.97 0.00	36.12 -1.16 0.00	36.17 -1.11 0.00	40.23 -1.21 0.00	29.52 -0.92 0.00	24.78 -0.82 0.00
SITHE_IND_GS2 24170	29.86 -0.87 0.00	29.15 -0.87 0.00	26.96 -0.83 0.00	28.23 -0.88 0.00	27.67 -0.89 0.00	34.91 -1.15 0.00	34.43 -1.12 0.00	30.39 -0.96 0.00	18.92 -0.59 0.00	23.75 -0.78 0.00	20.92 -0.63 0.00	12.33 -0.36 0.00	12.27 -0.36 0.00	16.71 -0.49 0.00	21.01 -0.60 0.00	25.84 -0.73 0.00	42.67 -1.26 0.00	32.55 -1.00 0.00	29.29 -0.97 0.00	36.12 -1.16 0.00	36.17 -1.11 0.00	40.23 -1.21 0.00	29.52 -0.92 0.00	24.78 -0.82 0.00
SITHE_IND_GS3 24171	29.86 -0.87 0.00	29.15 -0.87 0.00	26.96 -0.83 0.00	28.23 -0.88 0.00	27.67 -0.89 0.00	34.91 -1.15 0.00	34.43 -1.12 0.00	30.39 -0.96 0.00	18.92 -0.59 0.00	23.75 -0.78 0.00	20.92 -0.63 0.00	12.33 -0.36 0.00	12.27 -0.36 0.00	16.71 -0.49 0.00	21.01 -0.60 0.00	25.84 -0.73 0.00	42.67 -1.26 0.00	32.55 -1.00 0.00	29.29 -0.97 0.00	36.12 -1.16 0.00	36.17 -1.11 0.00	40.23 -1.21 0.00	29.52 -0.92 0.00	24.78 -0.82 0.00
SITHE_IND_GS4 24172	29.86 -0.87 0.00	29.15 -0.87 0.00	26.96 -0.83 0.00	28.23 -0.88 0.00	27.67 -0.89 0.00	34.91 -1.15 0.00	34.43 -1.12 0.00	30.39 -0.96 0.00	18.92 -0.59 0.00	23.75 -0.78 0.00	20.92 -0.63 0.00	12.33 -0.36 0.00	12.27 -0.36 0.00	16.71 -0.49 0.00	21.01 -0.60 0.00	25.84 -0.73 0.00	42.67 -1.26 0.00	32.55 -1.00 0.00	29.29 -0.97 0.00	36.12 -1.16 0.00	36.17 -1.11 0.00	40.23 -1.21 0.00	29.52 -0.92 0.00	24.78 -0.82 0.00

SITHE___BATAVIA 24024	29.87 -0.87 0.00	28.99 -1.03 0.00	26.81 -0.97 0.00	28.00 -1.11 0.00	27.31 -1.25 0.00	34.42 -1.64 0.00	33.75 -1.81 0.00	30.18 -1.16 0.00	18.78 -0.55 0.19	23.61 -0.92 0.00	20.85 -0.70 0.00	12.29 -0.39 0.00	12.24 -0.39 0.00	16.61 -0.59 0.00	20.71 -0.90 0.00	25.67 -0.90 0.00	42.03 -1.90 0.00	29.77 -1.77 2.02	24.09 -1.94 4.23	35.29 -1.99 0.00	35.61 -1.67 0.00	40.06 -1.38 0.00	29.34 -1.10 0.00	24.35 -1.24 0.00
SITHE___INDEPEND 23800	29.86 -0.87 0.00	29.15 -0.87 0.00	26.96 -0.83 0.00	28.23 -0.88 0.00	27.67 -0.89 0.00	34.92 -1.14 0.00	34.44 -1.12 0.00	30.39 -0.96 0.00	18.92 -0.59 0.00	23.75 -0.78 0.00	20.92 -0.63 0.00	12.33 -0.36 0.00	12.27 -0.36 0.00	16.71 -0.49 0.00	21.01 -0.60 0.00	25.84 -0.73 0.00	42.67 -1.26 0.00	32.54 -1.01 0.00	29.28 -0.98 0.00	36.12 -1.16 0.00	36.16 -1.11 0.00	40.23 -1.21 0.00	29.52 -0.92 0.00	24.78 -0.82 0.00
SITHE___MASSENA 23902	30.74 0.00 0.00	30.20 0.18 0.00	28.17 0.38 0.00	29.50 0.39 0.00	28.94 0.38 0.00	36.48 0.42 0.00	35.73 0.18 0.00	31.39 0.04 0.00	19.51 0.00 0.00	24.65 0.12 0.00	21.64 0.09 0.00	12.76 0.07 0.00	12.73 0.10 0.00	17.33 0.13 0.00	21.72 0.11 0.00	26.69 0.12 0.00	44.20 0.27 0.00	33.64 0.09 0.00	30.32 0.06 0.00	37.41 0.13 0.00	37.62 -0.02 -0.36	41.46 0.02 0.00	30.74 0.13 -0.17	25.67 0.08 0.00
SITHE___OGDNSBRG 24021	30.96 0.22 0.00	30.45 0.43 0.00	28.46 0.68 0.00	29.81 0.70 0.00	29.25 0.69 0.00	36.88 0.82 0.00	36.15 0.59 0.00	31.59 0.24 0.00	19.47 -0.04 0.00	24.57 0.04 0.00	21.53 -0.02 0.00	12.72 0.03 0.00	12.77 0.14 0.00	17.41 0.21 0.00	21.71 0.10 0.00	26.72 0.15 0.00	44.55 0.62 0.00	33.90 0.35 0.00	30.58 0.33 0.00	37.84 0.56 0.00	38.74 0.39 -1.08	41.86 0.42 0.00	31.37 0.42 -0.51	25.88 0.29 0.00
SITHE___STERLING 23777	31.50 0.76 0.00	30.72 0.70 0.00	28.41 0.63 0.00	29.76 0.65 0.00	29.16 0.61 0.00	36.84 0.78 0.00	36.36 0.80 0.00	31.98 0.63 0.00	19.79 0.29 0.00	24.80 0.27 0.00	21.67 0.12 0.00	12.80 0.11 0.00	12.71 0.08 0.00	17.36 0.16 0.00	21.91 0.30 0.00	27.12 0.55 0.00	44.77 0.85 0.00	34.25 0.70 0.00	30.84 0.58 0.00	38.08 0.81 0.00	38.16 0.88 0.00	42.30 0.86 0.00	30.92 0.48 0.00	25.94 0.34 0.00
SLEIGHT__34_KV_TB1 80719	30.03 -0.71 0.00	29.25 -0.77 0.00	27.04 -0.74 0.00	28.25 -0.86 0.00	27.65 -0.91 0.00	34.93 -1.13 0.00	34.43 -1.13 0.00	30.43 -0.91 0.00	18.95 -0.57 0.00	23.70 -0.83 0.00	20.91 -0.64 0.00	12.34 -0.35 0.00	12.32 -0.31 0.00	16.76 -0.44 0.00	21.08 -0.53 0.00	25.88 -0.69 0.00	42.67 -1.25 0.00	32.44 -1.11 0.00	29.05 -1.21 0.00	36.09 -1.19 0.00	36.24 -1.04 0.00	40.44 -1.00 0.00	29.60 -0.84 0.00	24.72 -0.87 0.00
SOUTH CAIRO___GT 23612	32.24 1.51 0.00	31.39 1.36 0.00	29.00 1.21 0.00	30.41 1.30 0.00	29.94 1.38 0.00	37.91 1.85 0.00	37.71 2.15 0.00	33.22 1.88 0.00	20.50 0.99 0.00	25.56 1.02 0.00	22.18 0.62 0.00	13.00 0.31 0.00	12.94 0.31 0.00	17.65 0.45 0.00	22.28 0.67 0.00	27.60 1.03 0.00	46.18 2.25 0.00	35.31 1.76 0.00	31.99 1.73 0.00	39.42 2.15 0.00	39.49 2.21 0.00	43.75 2.31 0.00	32.13 1.69 0.00	27.01 1.42 0.00
SOUTH HAMPTN___IC 23720	32.64 1.90 0.00	31.63 1.61 0.00	29.43 1.65 0.00	30.71 1.60 0.00	30.29 1.73 0.00	38.35 2.29 0.00	39.21 3.65 0.00	34.71 3.36 0.00	20.89 1.38 0.00	26.28 1.74 0.00	24.56 1.55 -1.46	18.42 0.91 -4.82	10.51 0.61 2.73	16.88 0.67 0.98	-44.28 0.74 66.63	-66.32 1.11 94.00	-14.91 1.96 60.80	-3.29 1.50 38.33	47.83 2.09 -15.48	43.32 2.24 -3.80	44.00 2.51 -4.22	74.39 3.01 -29.94	32.78 2.34 0.00	27.78 1.55 -0.64
SOUTHDOW_115KV_TB1 355954	30.99 0.25 0.00	29.60 -0.42 0.00	27.24 -0.54 0.00	28.31 -0.80 0.00	27.45 -1.11 0.00	34.60 -1.46 0.00	33.77 -1.79 0.00	30.20 -1.15 0.00	18.77 -0.60 0.14	23.84 -0.69 0.00	21.15 -0.40 0.00	12.49 -0.20 0.00	12.49 -0.14 0.00	16.89 -0.31 0.00	21.07 -0.54 0.00	26.19 -0.38 0.00	43.44 -0.48 0.00	30.19 -1.45 1.90	24.80 -1.48 3.98	36.40 -0.88 0.00	36.65 -0.63 0.00	41.19 -0.25 0.00	29.91 -0.53 0.00	24.97 -0.62 0.00
SOUTHOLD_69_KV_BK 2 55809	32.78 2.05 0.00	31.73 1.71 0.00	29.44 1.65 0.00	30.74 1.63 0.00	30.34 1.78 0.00	38.66 2.60 0.00	39.66 4.10 0.00	35.12 3.77 0.00	21.13 1.63 0.00	26.56 2.02 0.00	24.77 1.76 -1.46	18.51 1.00 -4.82	10.51 0.61 2.73	16.79 0.57 0.98	-45.81 0.69 68.10	-68.42 1.11 96.10	-16.72 1.57 62.21	-4.56 1.22 39.33	47.58 1.83 -15.49	42.98 1.90 -3.80	43.67 2.17 -4.22	73.96 2.58 -29.94	32.44 2.00 0.00	27.48 1.25 -0.64
SOUTHOLD___IC 23719	32.79 2.05 0.00	31.73 1.71 0.00	29.44 1.65 0.00	30.74 1.63 0.00	30.34 1.78 0.00	38.66 2.60 0.00	39.66 4.10 0.00	35.12 3.77 0.00	21.14 1.63 0.00	26.55 2.02 0.00	24.78 1.76 -1.46	18.51 1.00 -4.82	10.51 0.61 2.73	16.79 0.57 0.98	-45.80 0.69 68.10	-68.44 1.09 96.10	-16.72 1.57 62.21	-4.56 1.21 39.33	47.55 1.80 -15.49	42.99 1.90 -3.80	43.65 2.15 -4.22	73.96 2.58 -29.94	32.44 2.00 0.00	27.48 1.25 -0.64
SOUTH_FORK_WT_PWR 323839	32.70 1.96 0.00	31.60 1.58 0.00	29.27 1.48 0.00	30.57 1.46 0.00	30.20 1.64 0.00	38.65 2.59 0.00	39.79 4.23 0.00	35.23 3.89 0.00	21.19 1.69 0.00	26.62 2.09 0.00	24.82 1.81 -1.46	18.51 1.01 -4.82	10.44 0.55 2.73	16.62 0.40 0.98	-45.19 0.51 67.31	-67.50 0.90 94.97	-16.62 0.90 61.45	-4.54 0.70 38.79	47.05 1.30 -15.49	42.35 1.27 -3.80	43.01 1.52 -4.22	73.25 1.88 -29.94	31.91 1.47 0.00	27.03 0.80 -0.64
SPIERFLS_115KV_TB 1 80737	32.17 1.44 0.00	31.29 1.27 0.00	28.95 1.16 0.00	30.43 1.32 0.00	29.97 1.42 0.00	38.08 2.02 0.00	37.97 2.42 0.00	33.49 2.15 0.00	20.60 1.09 0.00	25.71 1.18 0.00	22.31 0.75 0.00	13.08 0.39 0.00	13.01 0.38 0.00	17.81 0.61 0.00	22.53 0.91 0.00	27.89 1.32 0.00	46.32 2.39 0.00	35.63 2.08 0.00	32.35 2.10 0.00	39.81 2.53 0.00	39.74 2.46 0.00	44.00 2.56 0.00	32.11 1.67 0.00	27.03 1.44 0.00
ST LAWRENCE____ 23600	30.41 -0.32 0.00	29.87 -0.15 0.00	27.83 0.05 0.00	29.16 0.05 0.00	28.60 0.04 0.00	36.05 -0.01 0.00	35.34 -0.22 0.00	31.09 -0.26 0.00	19.34 -0.16 0.00	24.44 -0.09 0.00	21.45 -0.10 0.00	12.64 -0.05 0.00	12.60 -0.03 0.00	17.16 -0.04 0.00	21.52 -0.09 0.00	26.44 -0.13 0.00	43.73 -0.20 0.00	33.30 -0.25 0.00	30.01 -0.25 0.00	37.01 -0.26 0.00	36.87 -0.41 0.00	41.04 -0.40 0.00	30.23 -0.21 0.00	25.41 -0.18 0.00
STATE_CA_115KV_115_LB 55624	31.38 0.64 0.00	30.55 0.53 0.00	28.23 0.44 0.00	29.61 0.50 0.00	29.12 0.56 0.00	36.80 0.74 0.00	36.56 1.00 0.00	32.29 0.94 0.00	20.08 0.57 0.00	25.18 0.65 0.00	22.03 0.48 0.00	12.94 0.25 0.00	12.89 0.26 0.00	17.58 0.38 0.00	22.12 0.51 0.00	27.21 0.64 0.00	44.99 1.06 0.00	34.52 0.97 0.00	31.21 0.95 0.00	38.28 1.01 0.00	38.28 1.00 0.00	42.45 1.01 0.00	31.24 0.80 0.00	26.33 0.74 0.00

STATE_ST_34_KV_LOAD 55959	30.84 0.10 0.00	30.12 0.10 0.00	27.84 0.06 0.00	29.03 -0.08 0.00	28.42 -0.14 0.00	36.02 -0.04 0.00	35.54 -0.02 0.00	31.28 -0.07 0.00	19.47 -0.04 0.00	24.34 -0.19 0.00	21.41 -0.15 0.00	12.58 -0.11 0.00	12.55 -0.08 0.00	17.15 -0.05 0.00	21.64 0.03 0.00	26.55 -0.02 0.00	43.85 -0.07 0.00	33.47 -0.08 0.00	30.07 -0.19 0.00	37.30 0.02 0.00	37.37 0.09 0.00	41.59 0.15 0.00	30.43 -0.01 0.00	25.49 -0.09 0.00
STATION 5_MISC_HYD 23604	29.88 -0.86 0.00	29.07 -0.95 0.00	26.88 -0.91 0.00	28.10 -1.01 0.00	27.45 -1.11 0.00	34.62 -1.45 0.00	34.03 -1.53 0.00	30.12 -1.23 0.00	18.79 -0.72 0.00	23.62 -0.91 0.00	20.92 -0.63 0.00	12.36 -0.33 0.00	12.29 -0.34 0.00	16.70 -0.50 0.00	20.91 -0.70 0.00	25.81 -0.76 0.00	42.39 -1.54 0.00	32.15 -1.40 0.00	28.76 -1.50 0.00	35.71 -1.57 0.00	35.87 -1.41 0.00	40.16 -1.28 0.00	29.44 -1.00 0.00	24.54 -1.05 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	30.18 -0.56 0.00	29.35 -0.68 0.00	27.12 -0.66 0.00	28.36 -0.75 0.00	27.73 -0.83 0.00	34.99 -1.07 0.00	34.43 -1.13 0.00	30.46 -0.89 0.00	18.98 -0.53 0.00	23.81 -0.73 0.00	21.02 -0.54 0.00	12.39 -0.30 0.00	12.36 -0.27 0.00	16.81 -0.39 0.00	21.09 -0.52 0.00	25.94 -0.64 0.00	42.74 -1.19 0.00	32.49 -1.06 0.00	29.09 -1.16 0.00	36.15 -1.12 0.00	36.30 -0.98 0.00	40.52 -0.92 0.00	29.69 -0.75 0.00	24.78 -0.81 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	29.76 -0.98 0.00	28.95 -1.07 0.00	26.77 -1.02 0.00	27.98 -1.12 0.00	27.35 -1.21 0.00	34.49 -1.57 0.00	33.93 -1.63 0.00	30.02 -1.33 0.00	18.73 -0.78 0.00	23.54 -0.99 0.00	20.84 -0.71 0.00	12.29 -0.40 0.00	12.24 -0.39 0.00	16.64 -0.56 0.00	20.85 -0.76 0.00	25.73 -0.84 0.00	42.26 -1.67 0.00	32.05 -1.50 0.00	28.66 -1.60 0.00	35.61 -1.67 0.00	35.75 -1.53 0.00	40.03 -1.41 0.00	29.34 -1.10 0.00	24.45 -1.14 0.00
STA_56___34_KV_BUS2 355983	29.76 -0.98 0.00	28.95 -1.07 0.00	26.77 -1.02 0.00	27.98 -1.12 0.00	27.35 -1.21 0.00	34.49 -1.57 0.00	33.93 -1.63 0.00	30.02 -1.33 0.00	18.73 -0.78 0.00	23.54 -0.99 0.00	20.84 -0.71 0.00	12.29 -0.40 0.00	12.24 -0.39 0.00	16.64 -0.56 0.00	20.85 -0.76 0.00	25.73 -0.84 0.00	42.26 -1.67 0.00	32.05 -1.50 0.00	28.66 -1.60 0.00	35.61 -1.67 0.00	35.75 -1.53 0.00	40.03 -1.41 0.00	29.34 -1.10 0.00	24.45 -1.14 0.00
STA_67___115KV_BK2 355882	29.82 -0.91 0.00	29.01 -1.01 0.00	26.83 -0.96 0.00	28.05 -1.06 0.00	27.40 -1.16 0.00	34.54 -1.52 0.00	33.95 -1.60 0.00	30.05 -1.30 0.00	18.75 -0.76 0.00	23.57 -0.96 0.00	20.88 -0.68 0.00	12.31 -0.38 0.00	12.26 -0.37 0.00	16.66 -0.54 0.00	20.88 -0.73 0.00	25.76 -0.81 0.00	42.30 -1.63 0.00	32.07 -1.48 0.00	28.67 -1.59 0.00	35.63 -1.65 0.00	35.79 -1.49 0.00	40.08 -1.36 0.00	29.38 -1.06 0.00	24.49 -1.10 0.00
STA_7___115KV_9TRANS 80674	30.02 -0.72 0.00	29.19 -0.83 0.00	26.99 -0.80 0.00	28.21 -0.90 0.00	27.57 -0.99 0.00	34.77 -1.29 0.00	34.19 -1.38 0.00	30.25 -1.10 0.00	18.87 -0.64 0.00	23.73 -0.80 0.00	21.02 -0.54 0.00	12.39 -0.30 0.00	12.33 -0.30 0.00	16.78 -0.42 0.00	21.01 -0.60 0.00	25.94 -0.63 0.00	42.61 -1.31 0.00	32.28 -1.27 0.00	28.87 -1.39 0.00	35.89 -1.38 0.00	36.05 -1.22 0.00	40.37 -1.07 0.00	29.58 -0.86 0.00	24.65 -0.94 0.00
STA_82___115KV_TB1 80780	29.83 -0.91 0.00	29.01 -1.01 0.00	26.83 -0.95 0.00	28.05 -1.06 0.00	27.40 -1.15 0.00	34.56 -1.50 0.00	33.96 -1.60 0.00	30.05 -1.29 0.00	18.75 -0.76 0.00	23.57 -0.96 0.00	20.88 -0.68 0.00	12.31 -0.38 0.00	12.26 -0.37 0.00	16.66 -0.53 0.00	20.88 -0.74 0.00	25.77 -0.80 0.00	42.31 -1.62 0.00	32.07 -1.48 0.00	28.67 -1.59 0.00	35.64 -1.64 0.00	35.79 -1.49 0.00	40.09 -1.35 0.00	29.39 -1.05 0.00	24.49 -1.10 0.00
STEEL___WIND 323596	29.64 -1.10 0.00	28.69 -1.33 0.00	26.48 -1.31 0.00	27.57 -1.54 0.00	26.84 -1.72 0.00	33.72 -2.35 0.00	32.93 -2.63 0.00	29.30 -2.04 0.00	18.13 -1.09 0.28	23.17 -1.36 0.00	20.56 -0.99 0.00	12.15 -0.54 0.00	12.09 -0.54 0.00	16.36 -0.84 0.00	20.39 -1.23 0.00	25.20 -1.37 0.00	41.41 -2.52 0.00	27.35 -2.20 4.00	19.60 -2.29 8.37	34.83 -2.45 0.00	35.08 -2.20 0.00	39.51 -1.93 0.00	28.91 -1.53 0.00	23.95 -1.64 0.00
STEPHTWN_115KV_BK_2 55603	31.63 0.89 0.00	30.79 0.77 0.00	28.42 0.64 0.00	29.80 0.69 0.00	29.34 0.78 0.00	37.12 1.06 0.00	36.85 1.29 0.00	32.56 1.21 0.00	20.21 0.70 0.00	25.40 0.86 0.00	22.13 0.58 0.00	13.01 0.32 0.00	12.97 0.34 0.00	17.64 0.45 0.00	22.27 0.66 0.00	27.37 0.80 0.00	45.34 1.41 0.00	34.75 1.20 0.00	31.48 1.22 0.00	38.62 1.35 0.00	38.61 1.33 0.00	42.73 1.29 0.00	31.55 1.11 0.00	26.49 0.90 0.00
STEUBEN_REC_LFGE 323667	31.02 0.29 0.00	29.84 -0.17 0.00	27.35 -0.43 0.00	28.22 -0.89 0.00	27.20 -1.36 0.00	33.90 -2.16 0.00	33.03 -2.53 0.00	29.30 -2.04 0.00	18.94 -1.13 -0.56	23.03 -1.50 0.00	20.31 -1.25 0.00	11.96 -0.73 0.00	11.98 -0.65 0.00	16.39 -0.81 0.00	20.20 -1.41 0.00	24.83 -1.74 0.00	41.48 -2.45 0.00	40.18 -1.95 -8.58	45.80 -2.39 -17.92	35.20 -2.08 0.00	35.65 -1.63 0.00	39.95 -1.49 0.00	29.54 -0.89 0.00	24.31 -1.28 0.00
STILLWATER___SOLAR 323814	32.05 1.31 0.00	31.20 1.18 0.00	28.83 1.04 0.00	30.29 1.18 0.00	29.80 1.24 0.00	37.82 1.76 0.00	37.60 2.04 0.00	33.16 1.81 0.00	20.47 0.96 0.00	25.57 1.04 0.00	22.26 0.71 0.00	13.06 0.37 0.00	13.01 0.38 0.00	17.79 0.59 0.00	22.44 0.82 0.00	27.73 1.17 0.00	46.02 2.09 0.00	35.36 1.82 0.00	32.03 1.78 0.00	39.44 2.16 0.00	39.38 2.10 0.00	43.65 2.21 0.00	31.97 1.53 0.00	26.92 1.33 0.00
STONY___BROOK 24151	32.62 1.88 0.00	31.66 1.64 0.00	29.43 1.65 0.00	30.68 1.57 0.00	30.21 1.65 0.00	38.10 2.04 0.00	38.52 2.96 0.00	34.14 2.80 0.00	20.78 1.27 0.00	26.15 1.61 0.00	24.53 1.48 -1.49	18.44 0.88 -4.87	10.65 0.71 2.69	17.12 0.90 0.98	32.47 1.01 -9.85	43.26 1.39 -15.30	59.72 2.69 -13.10	49.38 1.92 -13.91	48.27 2.19 -15.82	43.75 2.50 -3.97	44.96 2.64 -5.05	74.59 3.06 -30.09	32.93 2.49 0.00	28.07 1.84 -0.64
STURGEON_POOL_HYD 23609	32.18 1.45 0.00	31.30 1.28 0.00	28.85 1.06 0.00	30.23 1.12 0.00	29.73 1.17 0.00	37.70 1.63 0.00	37.48 1.92 0.00	33.40 2.06 0.00	20.80 1.29 0.00	26.08 1.55 0.00	22.91 1.36 0.00	13.45 0.76 0.00	13.35 0.72 0.00	18.15 0.95 0.00	22.78 1.16 0.00	27.98 1.41 0.00	46.31 2.39 0.00	35.52 1.97 0.00	32.18 1.92 0.00	39.60 2.32 0.00	39.63 2.36 0.00	43.98 2.54 0.00	32.26 1.82 0.00	27.16 1.57 0.00
ST_LAW_115_BK7_LBMP 345037	30.41 -0.33 0.00	29.88 -0.14 0.00	27.84 0.06 0.00	29.17 0.06 0.00	28.61 0.06 0.00	36.07 0.00 0.00	35.33 -0.23 0.00	31.07 -0.27 0.00	19.33 -0.18 0.00	24.43 -0.10 0.00	21.45 -0.11 0.00	12.64 -0.05 0.00	12.60 -0.03 0.00	17.16 -0.04 0.00	21.52 -0.10 0.00	26.44 -0.13 0.00	43.72 -0.21 0.00	33.29 -0.25 0.00	30.00 -0.26 0.00	37.01 -0.27 0.00	36.85 -0.42 0.00	41.04 -0.40 0.00	30.24 -0.20 0.00	25.41 -0.18 0.00

ST_LAW_115_BK8_LBMP 345038	30.41 -0.33 0.00	29.88 -0.14 0.00	27.84 0.06 0.00	29.17 0.06 0.00	28.61 0.06 0.00	36.07 0.00 0.00	35.33 -0.23 0.00	31.07 -0.27 0.00	19.33 -0.18 0.00	24.43 -0.10 0.00	21.45 -0.11 0.00	12.64 -0.05 0.00	12.60 -0.03 0.00	17.16 -0.04 0.00	21.52 -0.10 0.00	26.44 -0.13 0.00	43.72 -0.21 0.00	33.29 -0.25 0.00	30.00 -0.26 0.00	37.01 -0.27 0.00	36.85 -0.42 0.00	41.04 -0.40 0.00	30.24 -0.20 0.00	25.41 -0.18 0.00
ST_LAW_230_BK5_LBMP 345035	30.41 -0.32 0.00	29.87 -0.15 0.00	27.83 0.05 0.00	29.16 0.05 0.00	28.60 0.04 0.00	36.05 -0.01 0.00	35.34 -0.22 0.00	31.09 -0.26 0.00	19.34 -0.16 0.00	24.44 -0.09 0.00	21.45 -0.10 0.00	12.64 -0.05 0.00	12.60 -0.03 0.00	17.16 -0.04 0.00	21.52 -0.09 0.00	26.44 -0.13 0.00	43.73 -0.20 0.00	33.30 -0.25 0.00	30.01 -0.25 0.00	37.01 -0.26 0.00	36.87 -0.41 0.00	41.04 -0.40 0.00	30.23 -0.21 0.00	25.41 -0.18 0.00
ST_LAW_230_BK6_LBMP 345036	30.41 -0.32 0.00	29.87 -0.15 0.00	27.83 0.05 0.00	29.16 0.05 0.00	28.60 0.04 0.00	36.05 -0.01 0.00	35.34 -0.22 0.00	31.09 -0.26 0.00	19.34 -0.16 0.00	24.44 -0.09 0.00	21.45 -0.10 0.00	12.64 -0.05 0.00	12.60 -0.03 0.00	17.16 -0.04 0.00	21.52 -0.09 0.00	26.44 -0.13 0.00	43.73 -0.20 0.00	33.30 -0.25 0.00	30.01 -0.25 0.00	37.01 -0.26 0.00	36.87 -0.41 0.00	41.04 -0.40 0.00	30.23 -0.21 0.00	25.41 -0.18 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	31.97 1.24 0.00	31.08 1.06 0.00	28.62 0.84 0.00	29.99 0.88 0.00	29.52 0.96 0.00	37.41 1.35 0.00	37.16 1.60 0.00	33.10 1.75 0.00	20.59 1.08 0.00	25.80 1.27 0.00	22.67 1.11 0.00	13.32 0.64 0.00	13.24 0.61 0.00	17.99 0.79 0.00	22.57 0.96 0.00	27.76 1.19 0.00	45.98 2.05 0.00	35.23 1.68 0.00	31.93 1.67 0.00	39.30 2.03 0.00	39.34 2.07 0.00	43.64 2.20 0.00	32.01 1.57 0.00	26.85 1.37 0.10
SWANROAD_115KV_TB1 355699	28.55 -2.18 0.00	27.71 -2.31 0.00	25.64 -2.15 0.00	26.75 -2.36 0.00	26.05 -2.51 0.00	32.74 -3.33 0.00	31.98 -3.58 0.00	28.43 -2.92 0.00	17.72 -1.58 0.21	22.56 -1.97 0.00	20.04 -1.51 0.00	11.87 -0.82 0.00	11.77 -0.86 0.00	15.88 -1.32 0.00	19.80 -1.81 0.00	24.46 -2.11 0.00	39.94 -3.99 0.00	27.37 -3.17 3.01	20.81 -3.15 6.30	33.42 -3.85 0.00	33.69 -3.58 0.00	38.14 -3.30 0.00	27.99 -2.45 0.00	23.22 -2.37 0.00
SYNERGY___BIOGAS 323694	29.87 -0.87 0.00	29.00 -1.02 0.00	26.81 -0.98 0.00	28.00 -1.11 0.00	27.31 -1.25 0.00	34.42 -1.64 0.00	33.75 -1.81 0.00	30.18 -1.17 0.00	18.77 -0.55 0.19	23.61 -0.92 0.00	20.85 -0.71 0.00	12.26 -0.43 0.00	12.23 -0.40 0.00	16.62 -0.58 0.00	20.72 -0.89 0.00	25.68 -0.90 0.00	42.03 -1.90 0.00	29.74 -1.79 2.02	24.05 -1.98 4.23	35.28 -2.00 0.00	35.60 -1.68 0.00	40.07 -1.37 0.00	29.34 -1.10 0.00	24.34 -1.25 0.00
SYRACUSE___ENERGY_ST1 323597	30.60 -0.13 0.00	29.85 -0.17 0.00	27.58 -0.21 0.00	28.87 -0.24 0.00	28.29 -0.26 0.00	35.76 -0.30 0.00	35.29 -0.27 0.00	31.13 -0.21 0.00	19.36 -0.14 0.00	24.25 -0.28 0.00	21.34 -0.21 0.00	12.57 -0.11 0.00	12.53 -0.10 0.00	17.08 -0.12 0.00	21.55 -0.06 0.00	26.47 -0.10 0.00	43.71 -0.22 0.00	33.34 -0.21 0.00	30.01 -0.25 0.00	37.10 -0.17 0.00	37.18 -0.10 0.00	41.28 -0.16 0.00	30.22 -0.22 0.00	25.34 -0.25 0.00
SYRACUSE___ENERGY_ST2 323598	30.60 -0.13 0.00	29.85 -0.17 0.00	27.58 -0.21 0.00	28.87 -0.24 0.00	28.29 -0.26 0.00	35.76 -0.30 0.00	35.29 -0.27 0.00	31.13 -0.21 0.00	19.36 -0.14 0.00	24.25 -0.28 0.00	21.34 -0.21 0.00	12.57 -0.11 0.00	12.53 -0.10 0.00	17.08 -0.12 0.00	21.55 -0.06 0.00	26.47 -0.10 0.00	43.71 -0.22 0.00	33.34 -0.21 0.00	30.01 -0.25 0.00	37.10 -0.17 0.00	37.18 -0.10 0.00	41.28 -0.16 0.00	30.22 -0.22 0.00	25.34 -0.25 0.00
SYRACUSE___POWER 24017	30.64 -0.10 0.00	29.86 -0.16 0.00	27.59 -0.19 0.00	28.89 -0.22 0.00	28.30 -0.25 0.00	35.76 -0.31 0.00	35.29 -0.27 0.00	31.15 -0.20 0.00	19.36 -0.14 0.00	24.26 -0.27 0.00	21.35 -0.20 0.00	12.59 -0.10 0.00	12.54 -0.09 0.00	17.09 -0.11 0.00	21.65 0.04 0.00	26.63 0.06 0.00	43.93 0.00 0.00	33.52 -0.03 0.00	30.15 -0.11 0.00	37.30 0.02 0.00	37.38 0.11 0.00	41.40 -0.04 0.00	30.24 -0.20 0.00	25.35 -0.24 0.00
TALLMAN___138KV_BK151 55660	32.12 1.38 0.00	31.19 1.17 0.00	28.69 0.91 0.00	30.07 0.96 0.00	29.61 1.05 0.00	37.55 1.49 0.00	37.33 1.77 0.00	33.28 1.94 0.00	20.70 1.20 0.00	25.95 1.41 0.00	22.79 1.24 0.00	13.40 0.71 0.00	13.31 0.68 0.00	18.11 0.91 0.00	22.70 1.09 0.00	27.92 1.36 0.00	46.27 2.34 0.00	35.42 1.87 0.00	32.12 1.86 0.00	39.54 2.26 0.00	39.58 2.31 0.00	43.88 2.44 0.00	32.19 1.75 0.00	26.94 1.51 0.16
TEALLAVE_115KV_TB7 355573	30.47 -0.26 0.00	29.70 -0.32 0.00	27.45 -0.34 0.00	28.73 -0.38 0.00	28.16 -0.40 0.00	35.57 -0.49 0.00	35.11 -0.45 0.00	30.98 -0.36 0.00	19.28 -0.23 0.00	24.16 -0.37 0.00	21.28 -0.28 0.00	12.54 -0.15 0.00	12.49 -0.14 0.00	17.03 -0.17 0.00	21.54 -0.07 0.00	26.50 -0.07 0.00	43.71 -0.22 0.00	33.34 -0.21 0.00	29.99 -0.27 0.00	37.07 -0.21 0.00	37.15 -0.13 0.00	41.17 -0.27 0.00	30.07 -0.37 0.00	25.22 -0.37 0.00
TELGRAPH_34_KV_EAST 80808	29.26 -1.48 0.00	28.40 -1.62 0.00	26.25 -1.53 0.00	27.42 -1.69 0.00	26.71 -1.84 0.00	33.60 -2.46 0.00	32.88 -2.68 0.00	29.25 -2.10 0.00	18.21 -1.12 0.18	23.10 -1.44 0.00	20.48 -1.08 0.00	12.09 -0.60 0.00	12.03 -0.60 0.00	16.29 -0.91 0.00	20.31 -1.31 0.00	25.11 -1.46 0.00	41.07 -2.86 0.00	28.60 -2.44 2.51	22.47 -2.53 5.26	34.42 -2.86 0.00	34.70 -2.57 0.00	39.16 -2.28 0.00	28.69 -1.75 0.00	23.82 -1.78 0.00
TEMPLE___115KV_TB 2 55572	30.48 -0.25 0.00	29.71 -0.32 0.00	27.45 -0.33 0.00	28.74 -0.36 0.00	28.16 -0.39 0.00	35.57 -0.49 0.00	35.11 -0.45 0.00	30.99 -0.35 0.00	19.28 -0.22 0.00	24.17 -0.36 0.00	21.29 -0.27 0.00	12.55 -0.14 0.00	12.50 -0.13 0.00	17.04 -0.16 0.00	21.58 -0.03 0.00	26.54 -0.03 0.00	43.79 -0.14 0.00	33.40 -0.15 0.00	30.03 -0.22 0.00	37.13 -0.14 0.00	37.22 -0.06 0.00	41.22 -0.22 0.00	30.09 -0.35 0.00	25.23 -0.36 0.00
TIANA____69_KV_BK 1 55817	32.58 1.85 0.00	31.60 1.58 0.00	29.41 1.63 0.00	30.69 1.58 0.00	30.25 1.70 0.00	38.23 2.17 0.00	39.04 3.48 0.00	34.57 3.22 0.00	20.80 1.30 0.00	26.19 1.66 0.00	24.49 1.48 -1.46	18.39 0.88 -4.82	10.50 0.60 2.73	16.90 0.68 0.98	-45.66 0.75 68.02	-68.29 1.12 95.98	-16.12 2.08 62.13	-4.14 1.58 39.27	47.94 2.20 -15.49	43.43 2.35 -3.80	44.13 2.63 -4.22	74.51 3.13 -29.94	32.88 2.44 0.00	27.87 1.63 -0.64
TILDEN___115KV_TB1 80814	30.64 -0.10 0.00	29.86 -0.16 0.00	27.59 -0.19 0.00	28.89 -0.22 0.00	28.30 -0.25 0.00	35.76 -0.31 0.00	35.29 -0.27 0.00	31.15 -0.20 0.00	19.36 -0.14 0.00	24.26 -0.27 0.00	21.35 -0.20 0.00	12.59 -0.10 0.00	12.54 -0.09 0.00	17.09 -0.11 0.00	21.65 0.04 0.00	26.63 0.06 0.00	43.93 0.00 0.00	33.52 -0.03 0.00	30.15 -0.11 0.00	37.30 0.02 0.00	37.38 0.11 0.00	41.40 -0.04 0.00	30.24 -0.20 0.00	25.35 -0.24 0.00

TRIGEN___CC 323695	32.50 1.76 0.00	31.55 1.53 0.00	29.20 1.42 0.00	30.50 1.39 0.00	30.01 1.45 0.00	37.98 1.92 0.00	38.08 2.52 0.00	33.79 2.44 0.00	20.84 1.33 0.00	26.20 1.66 0.00	29.25 1.59 -6.11	25.76 0.92 -12.15	16.22 0.84 -2.74	17.33 1.11 0.98	22.40 1.31 0.52	32.25 1.70 -3.99	55.68 2.92 -8.84	85.75 2.22 -49.98	100.57 2.18 -68.13	71.00 2.59 -31.13	177.55 2.62 -137.65	97.71 2.81 -53.46	32.60 2.16 0.00	27.98 1.74 -0.64
TRINITY___115KV___4 BK 55933	31.27 0.54 0.00	30.45 0.43 0.00	28.12 0.34 0.00	29.50 0.39 0.00	29.02 0.46 0.00	36.67 0.61 0.00	36.43 0.87 0.00	32.18 0.84 0.00	20.02 0.52 0.00	25.11 0.58 0.00	21.97 0.41 0.00	12.90 0.21 0.00	12.85 0.22 0.00	17.52 0.32 0.00	22.04 0.43 0.00	27.10 0.53 0.00	44.78 0.85 0.00	34.38 0.83 0.00	31.09 0.83 0.00	38.10 0.82 0.00	38.13 0.85 0.00	42.29 0.85 0.00	31.13 0.69 0.00	26.25 0.66 0.00
UNION___PROCESSING_DRP 323587	29.83 -0.90 0.00	29.01 -1.01 0.00	26.83 -0.95 0.00	28.06 -1.05 0.00	27.41 -1.15 0.00	34.56 -1.50 0.00	33.96 -1.59 0.00	30.06 -1.29 0.00	18.76 -0.75 0.00	23.57 -0.96 0.00	20.88 -0.68 0.00	12.31 -0.38 0.00	12.26 -0.37 0.00	16.67 -0.53 0.00	20.88 -0.73 0.00	25.77 -0.80 0.00	42.31 -1.61 0.00	32.07 -1.48 0.00	28.67 -1.59 0.00	35.64 -1.64 0.00	35.79 -1.49 0.00	40.11 -1.34 0.00	29.40 -1.04 0.00	24.50 -1.10 0.00
UPPER HUDSON___HYD 24058	32.17 1.44 0.00	31.29 1.27 0.00	28.95 1.17 0.00	30.43 1.32 0.00	29.97 1.41 0.00	38.08 2.02 0.00	37.97 2.42 0.00	33.49 2.14 0.00	20.60 1.09 0.00	25.71 1.18 0.00	22.31 0.75 0.00	13.08 0.39 0.00	13.01 0.38 0.00	17.81 0.61 0.00	22.53 0.91 0.00	27.89 1.32 0.00	46.32 2.39 0.00	35.63 2.08 0.00	32.35 2.09 0.00	39.81 2.53 0.00	39.74 2.46 0.00	44.00 2.56 0.00	32.11 1.67 0.00	27.03 1.44 0.00
UPPER RAQUET___HYD 24056	30.05 -0.69 0.00	29.60 -0.42 0.00	27.67 -0.11 0.00	29.00 -0.11 0.00	28.46 -0.10 0.00	35.88 -0.18 0.00	35.11 -0.44 0.00	30.77 -0.58 0.00	19.05 -0.46 0.00	24.06 -0.47 0.00	21.08 -0.48 0.00	12.43 -0.26 0.00	12.40 -0.23 0.00	16.90 -0.30 0.00	21.14 -0.47 0.00	26.00 -0.57 0.00	43.15 -0.78 0.00	32.90 -0.65 0.00	29.67 -0.58 0.00	36.60 -0.67 0.00	37.95 -0.86 -1.54	40.45 -0.99 0.00	30.57 -0.60 -0.73	25.01 -0.58 0.00
VALLEY44_115KV_TB2 355964	30.90 0.16 0.00	29.91 -0.11 0.00	27.57 -0.21 0.00	28.82 -0.29 0.00	28.00 -0.56 0.00	35.13 -0.94 0.00	34.39 -1.17 0.00	30.65 -0.70 0.00	19.14 -0.29 0.08	24.21 -0.33 0.00	21.51 -0.05 0.00	12.68 -0.01 0.00	12.63 0.00 0.00	17.13 -0.07 0.00	21.35 -0.26 0.00	26.42 -0.15 0.00	43.40 -0.52 1.09	31.81 -0.65 2.28	27.16 -0.81 0.00	36.63 -0.65 0.00	36.78 -0.50 0.00	41.12 -0.32 0.00	30.17 -0.27 0.00	25.22 -0.37 0.00
VALLEY___115KV_TB 1-4 80826	31.03 0.29 0.00	30.22 0.20 0.00	27.94 0.16 0.00	29.29 0.18 0.00	28.79 0.23 0.00	36.37 0.31 0.00	35.92 0.37 0.00	31.42 0.08 0.00	19.42 -0.08 0.00	24.23 -0.30 0.00	21.17 -0.39 0.00	12.44 -0.25 0.00	12.39 -0.24 0.00	16.85 -0.35 0.00	21.45 -0.16 0.00	26.48 -0.09 0.00	43.97 0.05 0.00	33.79 0.23 0.00	30.48 0.22 0.00	37.51 0.23 0.00	37.58 0.31 0.00	41.75 0.31 0.00	30.69 0.26 0.00	25.78 0.18 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	32.25 1.51 0.00	31.49 1.47 0.00	29.04 1.26 0.00	30.46 1.36 0.00	29.86 1.30 0.00	37.76 1.70 0.00	37.36 1.80 0.00	32.87 1.52 0.00	20.46 0.95 0.00	25.65 1.11 0.00	22.49 0.94 0.00	13.25 0.56 0.00	13.14 0.51 0.00	17.86 0.66 0.00	22.48 0.87 0.00	27.56 0.99 0.00	45.59 1.67 0.00	34.87 1.32 0.00	31.47 1.21 0.00	38.83 1.55 0.00	38.86 1.59 0.00	43.20 1.76 0.00	31.63 1.19 0.00	26.58 0.99 0.00
VISCHER___FERRY HYD 24020	31.59 0.85 0.00	30.73 0.71 0.00	28.38 0.60 0.00	29.80 0.69 0.00	29.32 0.76 0.00	37.13 1.07 0.00	36.87 1.31 0.00	32.56 1.21 0.00	20.20 0.70 0.00	25.31 0.78 0.00	22.09 0.53 0.00	12.96 0.27 0.00	12.92 0.28 0.00	17.62 0.42 0.00	22.17 0.56 0.00	27.31 0.74 0.00	45.23 1.30 0.00	34.72 1.17 0.00	31.41 1.16 0.00	38.59 1.31 0.00	38.59 1.31 0.00	42.81 1.37 0.00	31.43 0.99 0.00	26.51 0.92 0.00
V_A_10_SYNC_DSASP 323832	29.28 -1.46 0.00	28.44 -1.58 0.00	26.31 -1.48 0.00	27.48 -1.63 0.00	26.79 -1.77 0.00	33.69 -2.37 0.00	32.98 -2.58 0.00	29.26 -2.09 0.00	18.18 -1.19 0.13	23.06 -1.46 0.00	20.46 -1.09 0.00	12.13 -0.56 0.00	12.04 -0.60 0.00	16.30 -0.89 0.00	20.39 -1.22 0.00	25.17 -1.40 0.00	41.24 -2.69 0.00	29.34 -2.24 1.97	23.78 -2.35 4.12	34.62 -2.66 0.00	34.82 -2.46 0.00	39.17 -2.27 0.00	28.75 -1.69 0.00	23.92 -1.67 0.00
V_CMM_10_SYNC_DSASP 323787	30.56 -0.17 0.00	30.03 0.01 0.00	27.99 0.20 0.00	29.31 0.20 0.00	28.75 0.19 0.00	36.25 0.18 0.00	35.51 -0.05 0.00	31.23 -0.12 0.00	19.42 -0.08 0.00	24.55 0.02 0.00	21.56 0.00 0.00	12.70 0.01 0.00	12.67 0.04 0.00	17.25 0.05 0.00	21.63 0.02 0.00	26.58 0.01 0.00	43.96 0.03 0.00	33.47 -0.08 0.00	30.16 -0.10 0.00	37.20 -0.07 0.00	37.06 -0.22 0.00	41.26 -0.18 0.00	30.40 -0.04 0.00	25.55 -0.04 0.00
V_CMP_10_SYNC_DSASP 323788	30.42 -0.32 0.00	29.96 -0.07 0.00	28.20 0.42 0.00	29.63 0.52 0.00	29.28 0.72 0.00	36.94 0.88 0.00	36.21 0.65 0.00	31.78 0.43 0.00	19.72 0.22 0.00	24.83 0.30 0.00	21.71 0.16 0.00	12.81 0.12 0.00	12.84 0.21 0.00	17.61 0.41 0.00	21.87 0.26 0.00	26.58 0.01 0.00	43.99 0.06 0.00	33.36 -0.19 0.00	30.05 -0.20 0.00	37.07 -0.21 0.00	27.24 -0.78 9.26	40.40 -1.04 0.00	25.34 -0.70 4.40	25.16 -0.43 0.00
V_D_10_SYNC_DSASP 323841	30.74 0.00 0.00	30.20 0.18 0.00	28.16 0.38 0.00	29.50 0.38 0.00	28.94 0.38 0.00	36.47 0.41 0.00	35.72 0.16 0.00	31.38 0.04 0.00	19.51 0.00 0.00	24.65 0.12 0.00	21.64 0.09 0.00	12.76 0.07 0.00	12.73 0.10 0.00	17.33 0.13 0.00	21.72 0.11 0.00	26.69 0.12 0.00	44.19 0.27 0.00	33.64 0.09 0.00	30.32 0.06 0.00	37.41 0.13 0.00	37.60 -0.02 -0.34	41.46 0.02 0.00	30.73 0.12 -0.16	25.67 0.08 0.00
V_E_10_SYNC_DSASP 323830	33.45 2.71 0.00	32.57 2.55 0.00	30.04 2.26 0.00	31.28 2.17 0.00	30.29 1.73 0.00	37.85 1.79 0.00	37.24 1.68 0.00	32.33 0.99 0.00	19.84 0.28 -0.04	24.52 -0.01 0.00	21.49 -0.07 0.00	12.51 -0.18 0.00	12.39 -0.24 0.00	17.08 -0.12 0.00	21.63 0.02 0.00	26.72 0.15 0.00	43.89 -0.04 0.00	34.31 0.08 -0.69	32.01 0.32 -1.43	38.00 0.72 0.00	38.13 0.85 0.00	42.75 1.31 0.00	30.83 0.39 0.00	25.71 0.11 0.00
V_F_30_NSYNC___DSASP 323816	32.11 1.37 0.00	31.26 1.24 0.00	28.88 1.10 0.00	30.35 1.24 0.00	29.85 1.30 0.00	37.90 1.84 0.00	37.69 2.13 0.00	33.24 1.89 0.00	20.52 1.01 0.00	25.64 1.11 0.00	22.32 0.77 0.00	13.10 0.41 0.00	13.06 0.43 0.00	17.84 0.64 0.00	22.51 0.90 0.00	27.82 1.25 0.00	46.17 2.24 0.00	35.46 1.91 0.00	32.11 1.85 0.00	39.54 2.26 0.00	39.47 2.19 0.00	43.76 2.32 0.00	32.04 1.60 0.00	26.98 1.39 0.00

V_F_30_SYNC_DSASP 323786	31.38 0.64 0.00	30.54 0.52 0.00	28.23 0.44 0.00	29.60 0.49 0.00	29.12 0.56 0.00	36.79 0.73 0.00	36.56 1.00 0.00	32.29 0.94 0.00	20.08 0.57 0.00	25.18 0.65 0.00	22.03 0.48 0.00	12.94 0.25 0.00	12.89 0.26 0.00	17.58 0.38 0.00	22.12 0.51 0.00	27.21 0.64 0.00	44.99 1.06 0.00	34.52 0.97 0.00	31.21 0.95 0.00	38.28 1.01 0.00	38.28 1.00 0.00	42.44 1.01 0.00	31.24 0.80 0.00	26.33 0.74 0.00
V_XM_10_SYNC_DSASP 323789	30.42 -0.32 0.00	29.96 -0.07 0.00	28.20 0.42 0.00	29.63 0.52 0.00	29.28 0.72 0.00	36.94 0.88 0.00	36.21 0.65 0.00	31.78 0.43 0.00	19.72 0.22 0.00	24.83 0.30 0.00	21.71 0.16 0.00	12.81 0.12 0.00	12.84 0.21 0.00	17.61 0.41 0.00	21.87 0.26 0.00	26.58 0.01 0.00	43.99 0.06 0.00	33.36 -0.19 0.00	30.05 -0.20 0.00	37.07 -0.21 0.00	27.24 -0.78 9.26	40.40 -1.04 0.00	25.34 -0.70 4.40	25.16 -0.43 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	32.24 1.51 0.00	31.31 1.29 0.00	28.81 1.02 0.00	30.19 1.08 0.00	29.72 1.16 0.00	37.71 1.64 0.00	37.48 1.92 0.00	33.41 2.06 0.00	20.78 1.28 0.00	26.05 1.52 0.00	22.88 1.32 0.00	13.45 0.76 0.00	13.36 0.73 0.00	18.17 0.97 0.00	22.79 1.17 0.00	28.03 1.46 0.00	46.45 2.52 0.00	35.56 2.01 0.00	32.24 1.98 0.00	39.68 2.41 0.00	39.73 2.46 0.00	44.05 2.61 0.00	32.30 1.86 0.00	27.01 1.60 0.18
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	32.75 2.01 0.00	31.83 1.81 0.00	29.34 1.56 0.00	30.74 1.63 0.00	30.26 1.71 0.00	38.38 2.31 0.00	38.17 2.61 0.00	33.97 2.63 0.00	21.14 1.63 0.00	26.53 1.99 0.00	23.32 1.77 0.00	23.93 1.01 -10.23	33.66 0.96 -20.07	29.00 1.27 -10.53	28.76 1.57 -5.58	30.96 1.93 -2.46	47.16 3.23 0.00	36.12 2.56 -0.01	32.69 2.43 0.00	40.20 2.92 0.00	40.20 2.92 0.00	44.60 3.16 0.00	32.77 2.33 0.00	27.19 2.04 0.43
W50THST__13_KV_LOAD 356117	32.95 2.21 0.00	32.02 2.00 0.00	29.50 1.72 0.00	30.92 1.81 0.00	30.43 1.87 0.00	38.60 2.53 0.00	38.38 2.83 0.00	34.18 2.84 0.00	21.29 1.78 0.00	26.71 2.18 0.00	23.48 1.93 0.00	24.03 1.11 -10.23	33.75 1.05 -20.07	29.13 1.41 -10.53	28.93 1.74 -5.58	31.17 2.14 -2.46	47.48 3.55 0.00	36.35 2.79 0.00	32.90 2.64 0.00	40.44 3.16 0.00	40.42 3.14 0.00	44.83 3.39 0.00	32.95 2.51 0.00	27.35 2.19 0.43
WADING RIVER_IC_1 23522	32.24 1.50 0.00	31.30 1.28 0.00	29.21 1.42 0.00	30.45 1.34 0.00	30.01 1.45 0.00	37.75 1.69 0.00	38.55 2.99 0.00	34.14 2.79 0.00	20.49 0.97 0.00	25.85 1.32 0.00	24.21 1.20 -1.46	18.26 0.76 -4.82	10.40 0.50 2.73	16.82 0.60 0.98	-20.69 0.57 42.88	-32.61 0.88 60.06	7.96 1.89 37.86	12.70 1.36 22.21	47.82 2.10 -15.46	43.26 2.19 -3.79	43.93 2.50 -4.16	74.45 3.08 -29.93	32.87 2.43 0.00	27.82 1.58 -0.64
WADING RIVER_IC_2 23547	32.24 1.50 0.00	31.30 1.28 0.00	29.21 1.42 0.00	30.45 1.34 0.00	30.01 1.45 0.00	37.75 1.69 0.00	38.55 2.99 0.00	34.14 2.79 0.00	20.49 0.97 0.00	25.85 1.32 0.00	24.21 1.20 -1.46	18.26 0.76 -4.82	10.40 0.50 2.73	16.82 0.60 0.98	-20.69 0.57 42.88	-32.61 0.88 60.06	7.96 1.89 37.86	12.70 1.36 22.21	47.82 2.10 -15.46	43.26 2.19 -3.79	43.93 2.50 -4.16	74.45 3.08 -29.93	32.87 2.43 0.00	27.82 1.58 -0.64
WADING RIVER_IC_3 23601	32.24 1.50 0.00	31.30 1.28 0.00	29.21 1.42 0.00	30.45 1.34 0.00	30.01 1.45 0.00	37.75 1.69 0.00	38.55 2.99 0.00	34.14 2.79 0.00	20.49 0.97 0.00	25.85 1.32 0.00	24.21 1.20 -1.46	18.26 0.76 -4.82	10.40 0.50 2.73	16.82 0.60 0.98	-20.69 0.57 42.88	-32.61 0.88 60.06	7.96 1.89 37.86	12.70 1.36 22.21	47.82 2.10 -15.46	43.26 2.19 -3.79	43.93 2.50 -4.16	74.45 3.08 -29.93	32.87 2.43 0.00	27.82 1.58 -0.64
WALDENNY_12_KV_BK2 80841	29.61 -1.13 0.00	28.68 -1.35 0.00	26.47 -1.32 0.00	27.60 -1.52 0.00	26.85 -1.71 0.00	33.75 -2.31 0.00	32.96 -2.60 0.00	29.32 -2.03 0.00	18.18 -1.06 0.27	23.22 -1.31 0.00	20.61 -0.95 0.00	12.16 -0.53 0.00	12.12 -0.51 0.00	16.40 -0.80 0.00	20.45 -1.16 0.00	25.26 -1.31 0.00	41.44 -2.49 0.00	27.47 -2.19 3.89	19.81 -2.31 8.14	34.80 -2.48 0.00	35.05 -2.23 0.00	39.50 -1.94 0.00	28.90 -1.54 0.00	23.96 -1.63 0.00
WALDEN__HYDRO 24148	32.16 1.42 0.00	31.26 1.24 0.00	28.79 1.01 0.00	30.17 1.06 0.00	29.69 1.13 0.00	37.64 1.57 0.00	37.42 1.86 0.00	33.35 2.00 0.00	20.73 1.23 0.00	25.97 1.44 0.00	22.80 1.25 0.00	13.39 0.70 0.00	13.30 0.67 0.00	18.08 0.88 0.00	22.69 1.08 0.00	27.91 1.34 0.00	46.26 2.33 0.00	35.48 1.93 0.00	32.15 1.89 0.00	39.58 2.31 0.00	39.63 2.35 0.00	43.94 2.50 0.00	32.23 1.79 0.00	27.11 1.54 0.02
WARRENSBURG____ 23737	32.17 1.44 0.00	31.29 1.27 0.00	28.95 1.16 0.00	30.43 1.32 0.00	29.97 1.42 0.00	38.08 2.02 0.00	37.97 2.42 0.00	33.49 2.15 0.00	20.60 1.09 0.00	25.71 1.18 0.00	22.31 0.75 0.00	13.08 0.39 0.00	13.01 0.38 0.00	17.81 0.61 0.00	22.53 0.91 0.00	27.89 1.32 0.00	46.32 2.39 0.00	35.63 2.08 0.00	32.35 2.10 0.00	39.81 2.53 0.00	39.74 2.46 0.00	44.00 2.56 0.00	32.11 1.67 0.00	27.03 1.44 0.00
WATERSIDE____6 8 9 23538	30.27 2.06 2.53	29.22 1.89 2.69	26.29 1.62 3.11	28.02 1.69 2.78	27.48 1.77 2.85	36.91 2.38 1.53	36.60 2.68 1.64	32.09 2.71 1.97	16.76 1.70 4.45	23.66 2.08 2.95	20.26 1.84 3.14	28.43 1.05 -14.70	45.86 0.97 -32.26	33.98 1.30 -15.48	30.34 1.61 -7.12	30.82 1.99 -2.27	46.47 3.34 0.79	34.86 2.67 1.36	30.38 2.53 2.41	39.10 3.03 1.20	39.60 3.03 0.71	43.89 3.29 0.84	31.23 2.46 1.66	39.39 2.11 -11.68
WATKINRD_115KV_LN8_ILLION 55919	31.00 0.26 0.00	30.21 0.19 0.00	27.93 0.15 0.00	29.28 0.17 0.00	28.76 0.20 0.00	36.34 0.27 0.00	35.90 0.34 0.00	31.48 0.13 0.00	19.48 -0.03 0.00	24.35 -0.18 0.00	21.29 -0.27 0.00	12.51 -0.17 0.00	12.46 -0.17 0.00	16.95 -0.25 0.00	21.48 -0.13 0.00	26.50 -0.07 0.00	44.01 0.08 0.00	33.77 0.22 0.00	30.47 0.21 0.00	37.52 0.24 0.00	37.57 0.29 0.00	41.74 0.30 0.00	30.66 0.22 0.00	25.77 0.17 0.00
WATSON__69_KV_BK 1 55734	32.89 2.15 0.00	31.92 1.91 0.00	29.63 1.85 0.00	30.90 1.79 0.00	30.42 1.87 0.00	38.40 2.34 0.00	38.76 3.20 0.00	34.35 3.01 0.00	20.95 1.44 0.00	26.34 1.81 0.00	24.91 1.65 -1.71	18.84 0.97 -5.19	11.03 0.81 2.41	17.26 1.04 0.98	29.96 1.21 -7.14	39.82 1.65 -11.61	57.81 3.14 -10.74	49.98 2.39 -14.04	50.93 2.50 -18.17	45.39 2.90 -5.22	51.18 3.03 -10.88	75.72 3.32 -30.96	33.12 2.68 0.00	28.28 2.05 -0.64
WDELAWARE__HYD 323627	32.73 1.99 0.00	31.83 1.82 0.00	29.36 1.58 0.00	30.79 1.68 0.00	30.29 1.74 0.00	38.42 2.36 0.00	38.13 2.57 0.00	33.69 2.34 0.00	20.92 1.42 0.00	26.13 1.60 0.00	22.94 1.39 0.00	13.48 0.79 0.00	13.38 0.75 0.00	18.10 0.90 0.00	22.64 1.03 0.00	27.81 1.24 0.00	46.08 2.15 0.00	35.17 1.63 0.00	31.90 1.65 0.00	39.36 2.09 0.00	39.40 2.12 0.00	43.69 2.25 0.00	32.03 1.59 0.00	26.95 1.36 0.00

WEST BABYLON___IC 23714	32.84 2.10 0.00	31.87 1.85 0.00	29.55 1.77 0.00	30.82 1.72 0.00	30.34 1.78 0.00	38.33 2.27 0.00	38.62 3.06 0.00	34.25 2.90 0.00	20.94 1.43 0.00	26.31 1.78 0.00	25.47 1.65 -2.27	19.63 0.96 -5.98	11.75 0.82 1.71	17.29 1.07 0.98	22.33 1.24 0.52	29.32 1.67 -1.08	50.99 3.12 -3.95	49.60 2.37 -13.68	56.51 2.43 -23.83	48.44 2.87 -8.29	65.09 2.97 -24.84	77.82 3.24 -33.14	33.03 2.59 0.00	28.24 2.01 -0.64
WEST CANADA___HYD 24049	30.83 0.09 0.00	30.11 0.08 0.00	27.84 0.05 0.00	29.17 0.06 0.00	28.61 0.06 0.00	36.14 0.08 0.00	35.68 0.12 0.00	31.46 0.11 0.00	19.56 0.06 0.00	24.57 0.04 0.00	21.56 0.00 0.00	12.68 -0.01 0.00	12.62 -0.01 0.00	17.18 -0.02 0.00	21.61 -0.01 0.00	26.58 0.01 0.00	44.00 0.07 0.00	33.65 0.10 0.00	30.36 0.10 0.00	37.38 0.10 0.00	37.40 0.12 0.00	41.54 0.10 0.00	30.51 0.07 0.00	25.66 0.06 0.00
WESTERN_NY_WIND 24143	29.82 -0.91 0.00	28.95 -1.07 0.00	26.77 -1.02 0.00	27.96 -1.15 0.00	27.26 -1.30 0.00	34.35 -1.71 0.00	33.68 -1.88 0.00	30.10 -1.25 0.00	18.72 -0.61 0.19	23.56 -0.97 0.00	20.81 -0.74 0.00	12.24 -0.45 0.00	12.21 -0.42 0.00	16.59 -0.61 0.00	20.69 -0.93 0.00	25.63 -0.94 0.00	41.97 -1.96 0.00	29.54 -1.83 2.17	23.67 -2.03 4.55	35.22 -2.06 0.00	35.53 -1.74 0.00	40.00 -1.44 0.00	29.29 -1.15 0.00	24.30 -1.29 0.00
WESTOVER___LESR 323668	31.17 0.44 0.00	30.31 0.29 0.00	27.97 0.18 0.00	29.27 0.17 0.00	28.62 0.07 0.00	36.09 0.03 0.00	35.55 -0.01 0.00	31.44 0.09 0.00	19.59 0.08 0.00	24.57 0.04 0.00	21.64 0.09 0.00	12.75 0.07 0.00	12.71 0.08 0.00	17.26 0.06 0.00	21.68 0.06 0.00	26.65 0.08 0.00	44.07 0.14 0.00	33.64 0.09 0.00	30.27 0.01 0.00	37.46 0.19 0.00	37.53 0.25 0.00	41.68 0.24 0.00	30.61 0.17 0.00	25.68 0.09 0.00
WETHRSFD_WT_PWR 323626	29.90 -0.84 0.00	28.84 -1.18 0.00	26.47 -1.32 0.00	27.47 -1.64 0.00	26.69 -1.87 0.00	33.53 -2.53 0.00	32.59 -2.97 0.00	28.93 -2.42 0.00	17.25 -1.37 0.89	22.72 -1.81 0.00	20.13 -1.43 0.00	11.88 -0.81 0.00	11.90 -0.73 0.00	16.20 -1.00 0.00	20.05 -1.56 0.00	24.75 -1.82 0.00	41.01 -2.92 0.00	17.80 -2.51 13.24	-0.05 -2.58 27.73	34.86 -2.42 0.00	35.23 -2.05 0.00	39.45 -1.99 0.00	28.68 -1.76 0.00	23.73 -1.86 0.00
WHAVSTOR_138KV_BK127 55557	32.14 1.41 0.00	31.22 1.20 0.00	28.74 0.95 0.00	30.11 1.00 0.00	29.64 1.08 0.00	37.60 1.54 0.00	37.37 1.81 0.00	33.31 1.96 0.00	20.72 1.21 0.00	25.97 1.43 0.00	22.81 1.26 0.00	13.41 0.72 0.00	13.32 0.69 0.00	18.11 0.91 0.00	22.71 1.10 0.00	27.93 1.36 0.00	46.27 2.34 0.00	35.43 1.88 0.00	32.12 1.86 0.00	39.53 2.26 0.00	39.57 2.29 0.00	43.88 2.44 0.00	32.20 1.76 0.00	26.93 1.53 0.19
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	32.14 1.41 0.00	31.22 1.20 0.00	28.74 0.95 0.00	30.11 1.00 0.00	29.64 1.08 0.00	37.60 1.54 0.00	37.37 1.81 0.00	33.31 1.96 0.00	20.72 1.21 0.00	25.97 1.43 0.00	22.81 1.26 0.00	13.41 0.72 0.00	13.32 0.69 0.00	18.11 0.91 0.00	22.71 1.10 0.00	27.93 1.36 0.00	46.27 2.34 0.00	35.43 1.88 0.00	32.12 1.86 0.00	39.53 2.26 0.00	39.57 2.29 0.00	43.88 2.44 0.00	32.20 1.76 0.00	26.93 1.53 0.19
WHITEHAL_115KV_TB1 80871	32.71 1.97 0.00	31.72 1.70 0.00	29.49 1.71 0.00	31.09 1.98 0.00	30.76 2.21 0.00	38.82 2.76 0.00	39.02 3.47 0.00	34.24 2.89 0.00	20.84 1.33 0.00	25.99 1.46 0.00	22.33 0.77 0.00	13.07 0.38 0.00	12.95 0.32 0.00	17.77 0.57 0.00	22.75 1.14 0.00	28.10 1.53 0.00	46.74 2.81 0.00	36.06 2.51 0.00	33.15 2.90 0.00	40.58 3.30 0.00	40.43 3.15 0.00	44.66 3.22 0.00	32.26 1.83 0.00	27.28 1.69 0.00
WHITEPLN_13_KV_LOAD 356215	32.70 1.96 0.00	31.77 1.75 0.00	29.27 1.49 0.00	30.67 1.56 0.00	30.20 1.64 0.00	38.29 2.23 0.00	38.12 2.56 0.00	33.94 2.60 0.00	21.11 1.61 0.00	26.49 1.96 0.00	23.27 1.71 0.00	14.19 0.98 -0.52	14.58 0.93 -1.02	18.97 1.23 -0.53	23.42 1.53 -0.28	28.60 1.91 -0.13	47.14 3.22 0.00	36.13 2.58 0.00	32.73 2.47 0.00	40.24 2.96 0.00	40.27 2.99 0.00	44.66 3.22 0.00	32.77 2.34 0.00	27.25 2.00 0.35
WM_FLOYD_69_KV_BK2 356380	32.48 1.74 0.00	31.52 1.50 0.00	29.35 1.57 0.00	30.60 1.50 0.00	30.16 1.60 0.00	38.01 1.95 0.00	38.64 3.08 0.00	34.21 2.87 0.00	20.66 1.16 0.00	26.02 1.48 0.00	24.37 1.34 -1.47	18.33 0.81 -4.83	10.50 0.59 2.72	16.95 0.73 0.98	-96.56 0.79 118.96	-141.03 1.16 168.76	-65.07 2.33 111.32	-38.50 1.75 73.80	48.12 2.27 -15.59	43.59 2.46 -3.86	44.46 2.71 -4.47	74.60 3.18 -29.98	32.94 2.50 0.00	27.99 1.75 -0.64
WOODARD___115KV_TB2 355635	30.41 -0.32 0.00	29.65 -0.37 0.00	27.41 -0.38 0.00	28.70 -0.41 0.00	28.13 -0.42 0.00	35.53 -0.53 0.00	35.06 -0.50 0.00	30.94 -0.40 0.00	19.25 -0.25 0.00	24.13 -0.40 0.00	21.24 -0.31 0.00	12.52 -0.17 0.00	12.47 -0.16 0.00	16.99 -0.21 0.00	21.46 -0.15 0.00	26.39 -0.18 0.00	43.54 -0.39 0.00	33.22 -0.33 0.00	29.90 -0.36 0.00	36.93 -0.35 0.00	37.00 -0.28 0.00	41.06 -0.38 0.00	30.03 -0.41 0.00	25.18 -0.41 0.00
YORK___WARBASSE 23770	47.97 2.24 -14.99	48.00 2.04 -15.93	47.97 1.79 -18.39	47.43 1.90 -16.42	47.38 1.98 -16.84	47.75 2.61 -9.07	48.16 2.91 -9.69	46.24 2.94 -11.95	48.07 1.86 -26.71	44.73 2.27 -17.93	45.99 1.99 -22.45	44.71 1.12 -30.90	46.06 1.02 -32.41	44.07 1.38 -25.50	43.25 1.70 -19.93	42.65 2.14 -13.94	52.23 3.61 -4.69	44.80 2.92 -8.33	47.65 2.76 -14.63	47.91 3.32 -7.31	44.90 3.31 -4.31	50.22 3.58 -5.20	43.21 2.70 -10.08	54.51 2.27 -26.65