

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

10/13/2025

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	36.47	34.69	32.52	32.09	32.05	34.20	42.54	48.70	51.91	49.37	51.29	50.21	49.20	49.27	48.84	49.72	54.08	62.90	69.54	67.67	52.76	44.76	42.21	39.06
24138	1.80	1.56	1.31	1.32	1.20	1.57	1.71	2.15	2.14	2.26	2.54	2.48	2.52	2.61	2.55	2.37	2.67	3.05	3.31	3.04	2.46	2.06	1.73	1.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.65	0.75
74TH STREET_GT_1	36.57	34.75	32.61	32.15	32.11	34.26	42.54	48.65	51.86	49.32	51.24	50.16	49.15	49.22	48.84	49.67	54.03	62.84	69.54	67.67	52.76	44.81	42.26	39.14
24260	1.91	1.62	1.40	1.38	1.26	1.63	1.71	2.10	2.09	2.21	2.49	2.43	2.47	2.57	2.55	2.32	2.62	2.99	3.31	3.04	2.46	2.10	1.77	1.39
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.65	0.75
74TH STREET_GT_2	36.57	34.75	32.61	32.15	32.11	34.26	42.54	48.65	51.86	49.32	51.24	50.16	49.15	49.22	48.84	49.67	54.03	62.84	69.54	67.67	52.76	44.81	42.26	39.14
24261	1.91	1.62	1.40	1.38	1.26	1.63	1.71	2.10	2.09	2.21	2.49	2.43	2.47	2.57	2.55	2.32	2.62	2.99	3.31	3.04	2.46	2.10	1.77	1.39
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.65	0.75
ADK HUDSON___FALLS	35.81	34.16	32.24	31.75	31.83	33.68	42.21	48.62	51.46	48.66	50.42	49.21	47.98	48.06	47.68	48.86	53.11	61.82	68.62	66.90	51.96	44.15	41.84	38.84
24011	1.14	1.03	1.03	0.98	0.99	1.04	1.39	1.67	1.69	1.55	1.66	1.48	1.31	1.40	1.39	1.52	1.70	1.97	2.38	2.26	1.66	1.37	1.15	0.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.87	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	0.17	0.45	0.52
ADK RESOURCE___RCVRY	35.91	34.26	32.30	31.84	31.93	33.77	42.33	48.76	51.55	48.76	50.46	49.25	48.03	48.11	47.78	48.96	53.21	61.94	68.81	67.09	52.06	44.28	41.97	38.92
23798	1.25	1.13	1.09	1.08	1.08	1.14	1.51	1.82	1.79	1.65	1.71	1.53	1.35	1.45	1.48	1.61	1.80	2.09	2.58	2.46	1.76	1.50	1.28	0.92
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.87	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	0.17	0.44	0.51
ADK S GLENS___FALLS	35.81	34.16	32.24	31.75	31.83	33.68	42.21	48.62	51.46	48.66	50.42	49.21	47.98	48.06	47.68	48.86	53.11	61.82	68.62	66.90	51.96	44.15	41.84	38.84
24028	1.14	1.03	1.03	0.98	0.99	1.04	1.39	1.67	1.69	1.55	1.66	1.48	1.31	1.40	1.39	1.52	1.70	1.97	2.38	2.26	1.66	1.37	1.15	0.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.87	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	0.17	0.45	0.52
ADK_NYS___DAM	36.02	34.26	32.24	31.84	31.86	33.84	42.37	48.49	51.46	48.76	50.42	49.30	48.35	48.29	47.92	48.91	53.26	61.82	68.35	66.90	51.95	44.24	42.00	38.90
23527	1.35	1.13	1.03	1.08	1.02	1.21	1.55	1.58	1.69	1.65	1.66	1.57	1.68	1.63	1.62	1.56	1.85	1.97	2.12	2.26	1.66	1.46	1.32	0.92
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.91	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	0.18	0.46	0.53
AIR_PRODUCTS___DRP	34.77	33.23	31.33	30.92	30.97	32.79	40.90	46.92	49.82	47.01	48.56	47.39	46.44	46.42	46.16	47.07	51.15	59.43	65.70	64.12	49.94	42.52	40.31	37.51
24190	0.10	0.10	0.12	0.15	0.12	0.16	0.08	0.00	0.05	-0.09	-0.20	-0.33	-0.23	-0.23	-0.14	-0.28	-0.26	-0.42	-0.53	-0.52	-0.35	-0.26	-0.37	-0.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.90	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	0.18	0.46	0.53
AKWESSNE_115KV_BK	34.81	33.36	31.43	30.92	31.06	32.83	41.15	48.10	50.01	47.44	49.10	48.16	47.00	46.94	46.48	47.63	51.72	60.15	66.43	64.83	50.55	43.21	41.51	38.93
355683	0.14	0.23	0.22	0.15	0.22	0.20	0.33	0.29	0.25	0.33	0.34	0.43	0.33	0.28	0.19	0.28	0.31	0.30	0.20	0.19	0.25	0.26	0.37	0.42
	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	35.53	33.92	31.99	31.56	31.62	33.58	41.93	48.08	50.66	47.86	48.45	47.33	46.38	46.32	46.05	47.07	51.00	59.31	65.63	64.05	49.89	42.56	41.12	38.27
323833	0.87	0.79	0.78	0.80	0.77	0.95	1.10	1.20	0.90	0.75	-0.29	-0.38	-0.28	-0.32	-0.23	-0.28	-0.41	-0.54	-0.60	-0.58	-0.40	-0.21	0.45	0.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.93	0.00	0.00	0.02	0.02	0.02	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.47	0.54
ALBANY_2_SOLAR	35.50	33.89	31.99	31.54	31.59	33.54	41.93	48.08	50.61	47.86	48.45	47.33	46.33	46.32	46.00	47.07	51.00	59.31	65.57	64.05	49.89	42.52	41.13	38.24
323834	0.83	0.76	0.78	0.77	0.74	0.91	1.10	1.20	0.85	0.75	-0.29	-0.38	-0.32	-0.32	-0.28	-0.28	-0.41	-0.54	-0.66	-0.58	-0.40	-0.26	0.45	0.27
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.93	0.00	0.00	0.02	0.02	0.02	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.47	0.54
ALBANY___1	34.77	33.23	31.33	30.92	30.97	32.79	40.90	46.92	49.82	47.01	48.56	47.39	46.44	46.42	46.16	47.07	51.15	59.43	65.70	64.12	49.94	42.52	40.31	37.51
23571	0.10	0.10	0.12	0.15	0.12	0.16	0.08	0.00	0.05	-0.09	-0.20	-0.33	-0.23	-0.23	-0.14	-0.28	-0.26	-0.42	-0.53	-0.52	-0.35	-0.26	-0.37	-0.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.90	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	0.18	0.46	0.53

ALBANY___2 23572	34.77 0.10 0.00	33.23 0.10 0.00	31.33 0.12 0.00	30.92 0.15 0.00	30.97 0.12 0.00	32.79 0.16 0.00	40.90 0.08 0.00	46.92 0.00 0.90	49.82 0.05 0.00	47.01 -0.09 0.00	48.56 -0.20 0.00	47.39 -0.33 0.00	46.44 -0.23 0.00	46.42 -0.23 0.00	46.16 -0.14 0.00	47.07 -0.28 0.00	51.15 -0.26 0.00	59.43 -0.42 0.00	65.70 -0.53 0.00	64.12 -0.52 0.00	49.94 -0.35 0.00	42.52 -0.26 0.18	40.31 -0.37 0.46	37.51 -0.46 0.53
ALBANY___3 23573	34.77 0.10 0.00	33.23 0.10 0.00	31.33 0.12 0.00	30.92 0.15 0.00	30.97 0.12 0.00	32.79 0.16 0.00	40.90 0.08 0.00	46.92 0.00 0.90	49.82 0.05 0.00	47.01 -0.09 0.00	48.56 -0.20 0.00	47.39 -0.33 0.00	46.44 -0.23 0.00	46.42 -0.23 0.00	46.16 -0.14 0.00	47.07 -0.28 0.00	51.15 -0.26 0.00	59.43 -0.42 0.00	65.70 -0.53 0.00	64.12 -0.52 0.00	49.94 -0.35 0.00	42.52 -0.26 0.18	40.31 -0.37 0.46	37.51 -0.46 0.53
ALBANY___4 23574	34.77 0.10 0.00	33.23 0.10 0.00	31.33 0.12 0.00	30.92 0.15 0.00	30.97 0.12 0.00	32.79 0.16 0.00	40.90 0.08 0.00	46.92 0.00 0.90	49.82 0.05 0.00	47.01 -0.09 0.00	48.56 -0.20 0.00	47.39 -0.33 0.00	46.44 -0.23 0.00	46.42 -0.23 0.00	46.16 -0.14 0.00	47.07 -0.28 0.00	51.15 -0.26 0.00	59.43 -0.42 0.00	65.70 -0.53 0.00	64.12 -0.52 0.00	49.94 -0.35 0.00	42.52 -0.26 0.18	40.31 -0.37 0.46	37.51 -0.46 0.53
ALBANY___LFGE 323615	35.08 0.42 0.00	33.53 0.40 0.00	31.61 0.40 0.00	31.20 0.43 0.00	31.25 0.40 0.00	33.05 0.42 0.00	41.31 0.49 0.00	47.35 0.43 0.90	50.12 0.35 0.00	47.44 0.33 0.00	49.00 0.25 0.00	47.87 0.14 0.00	46.86 0.19 0.00	46.89 0.23 0.00	46.58 0.28 0.00	47.54 0.19 0.00	51.67 0.26 0.00	59.97 0.12 0.00	66.30 0.07 0.00	64.76 0.13 0.00	50.40 0.10 0.00	42.95 0.17 0.00	40.77 0.08 0.46	37.87 -0.12 0.52
ALCOA_PA_115KV_PL-6C 55860	34.94 0.28 0.00	33.53 0.40 0.00	31.58 0.37 0.00	31.04 0.28 0.00	31.19 0.34 0.00	32.96 0.33 0.00	41.35 0.53 0.00	48.34 0.53 0.00	50.26 0.50 0.00	47.63 0.52 0.00	49.29 0.54 0.00	48.39 0.67 0.00	47.19 0.51 0.00	47.12 0.47 0.00	46.67 0.37 0.00	47.82 0.47 0.00	51.92 0.51 0.00	60.33 0.48 0.00	66.69 0.46 0.00	65.09 0.45 0.00	50.75 0.45 0.00	43.42 0.47 0.00	41.72 0.58 0.00	39.12 0.62 0.00
ALCOA_RYNLDS___DRP 24188	34.94 0.28 0.00	33.53 0.40 0.00	31.58 0.37 0.00	31.04 0.28 0.00	31.19 0.34 0.00	32.96 0.33 0.00	41.35 0.53 0.00	48.34 0.53 0.00	50.26 0.50 0.00	47.63 0.52 0.00	49.29 0.54 0.00	48.39 0.67 0.00	47.19 0.51 0.00	47.12 0.47 0.00	46.67 0.37 0.00	47.82 0.47 0.00	51.92 0.51 0.00	60.33 0.48 0.00	66.69 0.46 0.00	65.09 0.45 0.00	50.75 0.45 0.00	43.42 0.47 0.00	41.72 0.58 0.00	39.12 0.62 0.00
ALCOA___DSASP 323711	34.94 0.28 0.00	33.53 0.40 0.00	31.58 0.38 0.00	31.04 0.28 0.00	31.19 0.34 0.00	32.96 0.33 0.00	41.35 0.53 0.00	48.39 0.58 0.00	50.41 0.65 0.00	47.77 0.66 0.00	49.44 0.68 0.00	48.54 0.81 0.00	47.33 0.65 0.00	47.26 0.60 0.00	46.81 0.51 0.00	47.96 0.61 0.00	52.08 0.67 0.00	60.51 0.66 0.00	66.83 0.59 0.00	65.28 0.65 0.00	50.90 0.61 0.00	43.42 0.47 0.00	41.72 0.58 0.00	39.12 0.61 0.00
ALLEGHENY___COGEN 23514	35.53 0.87 0.00	34.22 1.09 0.00	31.93 0.72 0.00	31.56 0.80 0.00	31.68 0.83 0.00	33.48 0.85 0.00	42.05 1.22 0.00	48.08 1.05 0.79	52.27 0.79 -1.71	50.48 0.05 -3.32	51.91 -0.58 -3.73	50.33 -0.95 -3.56	46.95 -1.26 -1.53	47.21 -0.98 -1.54	46.75 -0.83 -1.28	48.34 -0.43 -1.42	52.42 -0.36 -1.37	65.11 0.84 -4.43	73.25 2.12 -4.90	71.62 2.20 -4.79	55.22 1.21 -3.72	44.80 0.69 -1.17	43.40 0.70 -1.56	40.92 1.27 -1.15
ALTAMONT_115KV_TB 2 55880	35.15 0.49 0.00	33.56 0.43 0.00	31.65 0.44 0.00	31.23 0.46 0.00	31.25 0.40 0.00	33.09 0.46 0.00	41.31 0.49 0.00	47.44 0.53 0.90	50.31 0.55 0.00	47.49 0.38 0.00	49.05 0.29 0.00	47.97 0.24 0.00	46.96 0.28 0.00	46.99 0.33 0.00	46.62 0.32 0.00	47.59 0.24 0.00	51.72 0.31 0.00	60.09 0.24 0.00	66.43 0.20 0.00	64.89 0.26 0.00	50.55 0.25 0.00	43.03 0.26 0.18	40.84 0.26 0.46	38.01 0.04 0.53
ALTONA_WT_PWR 323606	34.91 0.24 0.00	33.63 0.50 0.00	31.77 0.56 0.00	31.29 0.52 0.00	31.49 0.65 0.00	33.32 0.69 0.00	41.35 0.53 0.00	47.96 0.14 0.00	50.02 0.25 0.00	47.48 0.38 0.00	49.15 0.39 0.00	48.30 0.57 0.00	47.05 0.37 0.00	46.99 0.33 0.00	46.48 0.19 0.00	47.64 0.29 0.00	51.77 0.36 0.00	60.15 0.30 0.00	66.30 0.07 0.00	64.63 0.00 0.00	50.45 0.15 0.00	42.99 0.04 0.00	41.67 0.53 0.00	39.82 1.31 0.00
AMERICAN_REF_FUEL 24010	33.45 -1.21 0.00	32.40 -0.73 0.00	30.05 -1.15 0.00	29.72 -1.05 0.00	29.86 -0.99 0.00	31.33 -1.31 0.00	38.82 -2.00 0.00	44.31 -3.73 -0.22	47.62 -4.28 -2.13	47.49 -3.77 -4.15	49.38 -4.05 -4.67	48.22 -3.96 -4.45	44.57 -4.01 -1.91	44.89 -3.69 -1.92	43.82 -4.07 -1.60	45.42 -3.69 -1.76	48.12 -4.94 -1.64	59.69 -5.50 -5.35	66.93 -5.23 -5.93	64.92 -5.49 -5.78	50.06 -4.73 -4.50	40.97 -3.61 -1.63	40.36 -3.25 -2.48	39.30 -1.27 -2.07
ARKWRIGHT___SUMMIT_WT_PWR 323751	34.08 -0.59 0.00	32.93 -0.20 0.00	30.68 -0.53 0.00	30.40 -0.37 0.00	30.63 -0.21 0.00	32.37 -0.26 0.00	40.41 -0.41 0.00	46.19 -1.15 0.48	50.25 -1.39 -1.88	49.41 -1.37 -3.67	51.27 -1.61 -4.13	50.09 -1.57 -3.93	46.68 -1.68 -1.68	46.90 -1.45 -1.69	46.22 -1.48 -1.41	47.38 -1.52 -1.55	50.70 -2.11 -1.40	62.38 -2.03 -4.57	69.97 -1.32 -5.06	68.03 -1.55 -4.95	52.37 -1.76 -3.84	42.52 -1.68 -1.25	41.65 -1.23 -1.74	39.92 0.12 -1.29
ARTHUR KILL_GT_1 23520	36.72 2.05 -0.01	34.96 1.82 -0.01	32.62 1.40 -0.01	32.16 1.38 -0.01	32.12 1.26 -0.01	34.43 1.79 0.00	41.80 0.98 0.00	47.79 1.24 1.27	50.70 0.95 0.01	48.23 1.13 0.01	50.11 1.37 0.01	49.01 1.29 0.01	48.07 1.40 0.01	48.15 1.49 0.00	47.82 1.53 0.00	48.68 1.33 0.00	52.89 1.49 0.01	61.63 1.80 0.01	68.34 2.12 0.01	66.63 2.00 0.01	51.75 1.46 0.01	43.99 1.29 0.25	41.64 1.15 0.65	38.76 1.00 0.75
ARTHUR_KILL_2 23512	36.58 1.91 -0.01	34.86 1.72 -0.01	32.53 1.31 -0.01	32.07 1.29 -0.01	32.06 1.20 -0.01	34.33 1.70 0.00	41.68 0.86 0.00	47.50 0.96 1.27	50.50 0.75 0.01	47.99 0.89 0.01	49.82 1.07 0.01	48.77 1.05 0.01	47.83 1.17 0.01	47.87 1.21 0.00	47.59 1.29 0.00	48.39 1.04 0.00	52.63 1.23 0.01	61.27 1.43 0.01	67.81 1.59 0.01	66.05 1.42 0.01	51.39 1.11 0.01	43.95 1.25 0.25	41.61 1.11 0.65	38.69 0.92 0.74
ARTHUR_KILL_3 23513	36.16 1.49 0.00	34.39 1.26 0.00	32.24 1.03 0.00	31.78 1.01 0.00	31.77 0.92 0.00	33.86 1.24 0.01	42.08 1.27 0.01	48.03 1.48 1.27	51.26 1.49 0.00	48.66 1.55 0.00	50.56 1.81 0.00	49.49 1.77 0.00	48.48 1.82 0.02	48.52 1.87 0.01	48.15 1.85 0.00	48.95 1.61 0.01	53.31 1.90 0.00	62.00 2.15 0.00	68.55 2.32 0.00	66.70 2.07 0.00	52.01 1.71 0.00	44.33 1.63 0.25	41.93 1.44 0.65	38.72 0.96 0.75

ARTHUR_KILL_COGEN 323718	36.68 2.01 -0.01	34.96 1.82 -0.01	32.62 1.41 -0.01	32.13 1.35 -0.01	32.12 1.27 -0.01	34.43 1.79 0.00	41.80 0.98 0.00	47.65 1.10 1.27	50.65 0.90 0.01	48.09 0.99 0.01	49.97 1.22 0.01	48.86 1.14 0.01	47.97 1.31 0.01	48.01 1.35 0.00	47.73 1.44 0.00	48.53 1.18 0.00	52.79 1.39 0.01	61.46 1.62 0.01	68.01 1.79 0.01	66.30 1.68 0.01	51.59 1.31 0.01	44.08 1.37 0.25	41.73 1.23 0.65	38.76 1.00 0.74
ASHOKAN____ 23654	36.05 1.39 0.00	34.32 1.19 0.00	32.18 0.97 0.00	31.78 1.01 0.00	31.80 0.96 0.00	33.90 1.27 0.00	42.29 1.47 0.00	48.57 1.82 1.07	51.31 1.54 0.00	48.33 1.22 0.00	49.72 0.97 0.02	48.95 1.24 0.02	48.20 1.54 0.02	47.76 1.12 0.02	47.35 1.07 0.02	48.25 0.90 0.00	52.59 1.18 0.00	61.58 1.74 0.00	68.35 2.12 0.00	66.38 1.75 0.00	51.76 1.46 0.00	44.16 1.42 0.20	41.75 1.15 0.54	38.66 0.77 0.62
ASTORIA_EAST_ENERGY_CC1 323581	36.51 1.84 -0.01	34.66 1.52 -0.01	32.59 1.37 -0.01	32.19 1.42 -0.01	32.15 1.30 -0.01	34.13 1.50 0.00	41.93 1.10 0.00	47.73 1.20 1.28	50.95 1.19 0.01	48.47 1.37 0.01	50.36 1.61 0.01	49.29 1.57 0.01	48.39 1.73 0.01	48.42 1.77 0.01	48.05 1.76 0.01	48.86 1.51 0.01	53.15 1.75 0.01	61.70 1.86 0.01	68.21 1.99 0.01	66.43 1.81 0.01	51.85 1.56 0.01	44.20 1.50 0.25	41.97 1.48 0.65	39.03 1.27 0.74
ASTORIA_EAST_ENERGY_CC2 323582	36.48 1.80 -0.01	34.66 1.52 -0.01	32.59 1.37 -0.01	32.16 1.39 -0.01	32.15 1.30 -0.01	34.13 1.50 0.00	41.93 1.10 0.00	47.68 1.15 1.28	50.90 1.15 0.01	48.42 1.32 0.01	50.36 1.61 0.01	49.29 1.57 0.01	48.34 1.68 0.01	48.38 1.73 0.01	48.05 1.76 0.01	48.86 1.51 0.01	53.10 1.69 0.01	61.70 1.86 0.01	68.15 1.92 0.01	66.37 1.75 0.01	51.80 1.51 0.01	44.20 1.50 0.25	41.93 1.44 0.65	39.03 1.27 0.74
ASTORIA_GT2_1 24094	36.48 1.80 -0.01	34.66 1.52 -0.01	32.62 1.40 -0.01	32.19 1.42 -0.01	32.15 1.30 -0.01	34.17 1.53 0.00	41.92 1.10 0.00	47.88 1.34 1.27	51.01 1.24 0.00	48.57 1.46 0.00	50.51 1.76 0.00	49.44 1.72 0.00	48.50 1.82 0.00	48.57 1.91 0.00	48.19 1.90 0.00	49.01 1.66 0.00	53.26 1.85 0.00	61.87 2.03 0.01	68.41 2.19 0.01	66.63 2.00 0.01	51.95 1.66 0.01	44.20 1.50 0.25	41.84 1.36 0.65	39.02 1.27 0.75
ASTORIA_GT2_2 24095	36.48 1.80 -0.01	34.66 1.52 -0.01	32.62 1.40 -0.01	32.19 1.42 -0.01	32.15 1.30 -0.01	34.17 1.53 0.00	41.92 1.10 0.00	47.88 1.34 1.27	51.01 1.24 0.00	48.57 1.46 0.00	50.51 1.76 0.00	49.44 1.72 0.00	48.50 1.82 0.00	48.57 1.91 0.00	48.19 1.90 0.00	49.01 1.66 0.00	53.26 1.85 0.00	61.87 2.03 0.01	68.41 2.19 0.01	66.63 2.00 0.01	51.95 1.66 0.01	44.20 1.50 0.25	41.84 1.36 0.65	39.02 1.27 0.75
ASTORIA_GT2_3 24096	36.48 1.80 -0.01	34.66 1.52 -0.01	32.62 1.40 -0.01	32.19 1.42 -0.01	32.15 1.30 -0.01	34.17 1.53 0.00	41.92 1.10 0.00	47.88 1.34 1.27	51.01 1.24 0.00	48.57 1.46 0.00	50.51 1.76 0.00	49.44 1.72 0.00	48.50 1.82 0.00	48.57 1.91 0.00	48.19 1.90 0.00	49.01 1.66 0.00	53.26 1.85 0.00	61.87 2.03 0.01	68.41 2.19 0.01	66.63 2.00 0.01	51.95 1.66 0.01	44.20 1.50 0.25	41.84 1.36 0.65	39.02 1.27 0.75
ASTORIA_GT2_4 24097	36.48 1.80 -0.01	34.66 1.52 -0.01	32.62 1.40 -0.01	32.19 1.42 -0.01	32.15 1.30 -0.01	34.17 1.53 0.00	41.92 1.10 0.00	47.88 1.34 1.27	51.01 1.24 0.00	48.57 1.46 0.00	50.51 1.76 0.00	49.44 1.72 0.00	48.50 1.82 0.00	48.57 1.91 0.00	48.19 1.90 0.00	49.01 1.66 0.00	53.26 1.85 0.00	61.87 2.03 0.01	68.41 2.19 0.01	66.63 2.00 0.01	51.95 1.66 0.01	44.20 1.50 0.25	41.84 1.36 0.65	39.02 1.27 0.75
ASTORIA_GT3_1 24098	36.48 1.80 -0.01	34.66 1.52 -0.01	32.62 1.40 -0.01	32.19 1.42 -0.01	32.15 1.30 -0.01	34.17 1.53 0.00	41.92 1.10 0.00	47.88 1.34 1.27	51.01 1.24 0.00	48.57 1.46 0.00	50.51 1.76 0.00	49.44 1.72 0.00	48.50 1.82 0.00	48.57 1.91 0.00	48.19 1.90 0.00	49.01 1.66 0.00	53.26 1.85 0.00	61.87 2.03 0.01	68.41 2.19 0.01	66.63 2.00 0.01	51.95 1.66 0.01	44.20 1.50 0.25	41.84 1.36 0.65	39.02 1.27 0.75
ASTORIA_GT3_2 24099	36.48 1.80 -0.01	34.66 1.52 -0.01	32.62 1.40 -0.01	32.19 1.42 -0.01	32.15 1.30 -0.01	34.17 1.53 0.00	41.92 1.10 0.00	47.88 1.34 1.27	51.01 1.24 0.00	48.57 1.46 0.00	50.51 1.76 0.00	49.44 1.72 0.00	48.50 1.82 0.00	48.57 1.91 0.00	48.19 1.90 0.00	49.01 1.66 0.00	53.26 1.85 0.00	61.87 2.03 0.01	68.41 2.19 0.01	66.63 2.00 0.01	51.95 1.66 0.01	44.20 1.50 0.25	41.84 1.36 0.65	39.02 1.27 0.75
ASTORIA_GT3_3 24100	36.48 1.80 -0.01	34.66 1.52 -0.01	32.62 1.40 -0.01	32.19 1.42 -0.01	32.15 1.30 -0.01	34.17 1.53 0.00	41.92 1.10 0.00	47.88 1.34 1.27	51.01 1.24 0.00	48.57 1.46 0.00	50.51 1.76 0.00	49.44 1.72 0.00	48.50 1.82 0.00	48.57 1.91 0.00	48.19 1.90 0.00	49.01 1.66 0.00	53.26 1.85 0.00	61.87 2.03 0.01	68.41 2.19 0.01	66.63 2.00 0.01	51.95 1.66 0.01	44.20 1.50 0.25	41.84 1.36 0.65	39.02 1.27 0.75
ASTORIA_GT3_4 24101	36.48 1.80 -0.01	34.66 1.52 -0.01	32.62 1.40 -0.01	32.19 1.42 -0.01	32.15 1.30 -0.01	34.17 1.53 0.00	41.92 1.10 0.00	47.88 1.34 1.27	51.01 1.24 0.00	48.57 1.46 0.00	50.51 1.76 0.00	49.44 1.72 0.00	48.50 1.82 0.00	48.57 1.91 0.00	48.19 1.90 0.00	49.01 1.66 0.00	53.26 1.85 0.00	61.87 2.03 0.01	68.41 2.19 0.01	66.63 2.00 0.01	51.95 1.66 0.01	44.20 1.50 0.25	41.84 1.36 0.65	39.02 1.27 0.75
ASTORIA_GT4_1 24102	36.48 1.80 -0.01	34.66 1.52 -0.01	32.62 1.40 -0.01	32.19 1.42 -0.01	32.15 1.30 -0.01	34.17 1.53 0.00	41.92 1.10 0.00	47.88 1.34 1.27	51.01 1.24 0.00	48.57 1.46 0.00	50.51 1.76 0.00	49.44 1.72 0.00	48.50 1.82 0.00	48.57 1.91 0.00	48.19 1.90 0.00	49.01 1.66 0.00	53.26 1.85 0.00	61.87 2.03 0.01	68.41 2.19 0.01	66.63 2.00 0.01	51.95 1.66 0.01	44.20 1.50 0.25	41.84 1.36 0.65	39.02 1.27 0.75
ASTORIA_GT4_2 24103	36.48 1.80 -0.01	34.66 1.52 -0.01	32.62 1.40 -0.01	32.19 1.42 -0.01	32.15 1.30 -0.01	34.17 1.53 0.00	41.92 1.10 0.00	47.88 1.34 1.27	51.01 1.24 0.00	48.57 1.46 0.00	50.51 1.76 0.00	49.44 1.72 0.00	48.50 1.82 0.00	48.57 1.91 0.00	48.19 1.90 0.00	49.01 1.66 0.00	53.26 1.85 0.00	61.87 2.03 0.01	68.41 2.19 0.01	66.63 2.00 0.01	51.95 1.66 0.01	44.20 1.50 0.25	41.84 1.36 0.65	39.02 1.27 0.75
ASTORIA_GT4_3 24104	36.48 1.80 -0.01	34.66 1.52 -0.01	32.62 1.40 -0.01	32.19 1.42 -0.01	32.15 1.30 -0.01	34.17 1.53 0.00	41.92 1.10 0.00	47.88 1.34 1.27	51.01 1.24 0.00	48.57 1.46 0.00	50.51 1.76 0.00	49.44 1.72 0.00	48.50 1.82 0.00	48.57 1.91 0.00	48.19 1.90 0.00	49.01 1.66 0.00	53.26 1.85 0.00	61.87 2.03 0.01	68.41 2.19 0.01	66.63 2.00 0.01	51.95 1.66 0.01	44.20 1.50 0.25	41.84 1.36 0.65	39.02 1.27 0.75

ASTORIA_GT4_4 24105	36.48 1.80 -0.01	34.66 1.52 -0.01	32.62 1.40 -0.01	32.19 1.42 -0.01	32.15 1.30 -0.01	34.17 1.53 0.00	41.92 1.10 0.00	47.88 1.34 1.27	51.01 1.24 0.00	48.57 1.46 0.00	50.51 1.76 0.00	49.44 1.72 0.00	48.50 1.82 0.00	48.57 1.91 0.00	48.19 1.90 0.00	49.01 1.66 0.00	53.26 1.85 0.00	61.87 2.03 0.01	68.41 2.19 0.01	66.63 2.00 0.01	51.95 1.66 0.01	44.20 1.50 0.25	41.84 1.36 0.65	39.02 1.27 0.75
ASTORIA_GT_1 23523	36.51 1.84 -0.01	34.73 1.59 -0.01	32.65 1.44 -0.01	32.25 1.48 -0.01	32.21 1.36 -0.01	34.20 1.57 0.00	42.01 1.18 0.00	47.98 1.43 1.27	51.11 1.34 0.00	48.66 1.55 0.00	50.61 1.85 0.00	49.54 1.81 0.00	48.59 1.91 0.00	48.66 2.01 0.00	48.29 1.99 0.00	49.10 1.75 0.00	53.36 1.95 0.00	61.99 2.15 0.01	68.54 2.32 0.01	66.76 2.13 0.01	52.05 1.76 0.01	44.29 1.59 0.25	41.93 1.44 0.65	39.10 1.35 0.75
ASTORIA_GT_10 24110	36.58 1.91 -0.01	34.76 1.62 -0.01	32.62 1.40 -0.01	32.19 1.42 -0.01	32.15 1.30 -0.01	34.23 1.60 0.00	42.17 1.35 0.00	48.17 1.63 1.27	51.26 1.49 0.00	48.80 1.70 0.00	50.71 1.95 0.00	49.63 1.91 0.00	48.68 2.01 0.00	48.76 2.10 0.00	48.38 2.08 0.00	49.15 1.80 0.00	53.41 2.00 0.00	62.11 2.27 0.01	68.67 2.45 0.01	66.89 2.26 0.01	52.10 1.81 0.01	44.42 1.72 0.25	41.97 1.48 0.65	39.02 1.27 0.75
ASTORIA_GT_11 24225	36.58 1.91 -0.01	34.76 1.62 -0.01	32.62 1.40 -0.01	32.19 1.42 -0.01	32.15 1.30 -0.01	34.23 1.60 0.00	42.17 1.35 0.00	48.17 1.63 1.27	51.26 1.49 0.00	48.80 1.70 0.00	50.71 1.95 0.00	49.63 1.91 0.00	48.68 2.01 0.00	48.76 2.10 0.00	48.38 2.08 0.00	49.15 1.80 0.00	53.41 2.00 0.00	62.11 2.27 0.01	68.67 2.45 0.01	66.89 2.26 0.01	52.10 1.81 0.01	44.42 1.72 0.25	41.97 1.48 0.65	39.02 1.27 0.75
ASTORIA_GT_12 24226	36.58 1.91 -0.01	34.76 1.62 -0.01	32.62 1.40 -0.01	32.19 1.42 -0.01	32.15 1.30 -0.01	34.23 1.60 0.00	42.17 1.35 0.00	48.17 1.63 1.27	51.26 1.49 0.00	48.80 1.70 0.00	50.71 1.95 0.00	49.63 1.91 0.00	48.68 2.01 0.00	48.76 2.10 0.00	48.38 2.08 0.00	49.15 1.80 0.00	53.41 2.00 0.00	62.11 2.27 0.01	68.67 2.45 0.01	66.89 2.26 0.01	52.10 1.81 0.01	44.42 1.72 0.25	41.97 1.48 0.65	39.02 1.27 0.75
ASTORIA_GT_13 24227	36.58 1.91 -0.01	34.76 1.62 -0.01	32.62 1.40 -0.01	32.19 1.42 -0.01	32.15 1.30 -0.01	34.23 1.60 0.00	42.17 1.35 0.00	48.17 1.63 1.27	51.26 1.49 0.00	48.80 1.70 0.00	50.71 1.95 0.00	49.63 1.91 0.00	48.68 2.01 0.00	48.76 2.10 0.00	48.38 2.08 0.00	49.15 1.80 0.00	53.41 2.00 0.00	62.11 2.27 0.01	68.67 2.45 0.01	66.89 2.26 0.01	52.10 1.81 0.01	44.42 1.72 0.25	41.97 1.48 0.65	39.02 1.27 0.75
ASTORIA_GT_5 24106	36.51 1.84 -0.01	34.73 1.59 -0.01	32.65 1.44 -0.01	32.25 1.48 -0.01	32.21 1.36 -0.01	34.20 1.57 0.00	42.01 1.18 0.00	47.98 1.43 1.27	51.11 1.34 0.00	48.66 1.55 0.00	50.61 1.85 0.00	49.54 1.81 0.00	48.59 1.91 0.00	48.66 2.01 0.00	48.29 1.99 0.00	49.10 1.75 0.00	53.36 1.95 0.00	61.99 2.15 0.01	68.54 2.32 0.01	66.76 2.13 0.01	52.05 1.76 0.01	44.29 1.59 0.25	41.93 1.44 0.65	39.10 1.35 0.75
ASTORIA_GT_7 24107	36.51 1.84 -0.01	34.73 1.59 -0.01	32.65 1.44 -0.01	32.25 1.48 -0.01	32.21 1.36 -0.01	34.20 1.57 0.00	42.01 1.18 0.00	47.98 1.43 1.27	51.11 1.34 0.00	48.66 1.55 0.00	50.61 1.85 0.00	49.54 1.81 0.00	48.59 1.91 0.00	48.66 2.01 0.00	48.29 1.99 0.00	49.10 1.75 0.00	53.36 1.95 0.00	61.99 2.15 0.01	68.54 2.32 0.01	66.76 2.13 0.01	52.05 1.76 0.01	44.29 1.59 0.25	41.93 1.44 0.65	39.10 1.35 0.75
ASTORIA_GT_8 24108	36.51 1.84 -0.01	34.73 1.59 -0.01	32.65 1.44 -0.01	32.25 1.48 -0.01	32.21 1.36 -0.01	34.20 1.57 0.00	42.01 1.18 0.00	47.98 1.43 1.27	51.11 1.34 0.00	48.66 1.55 0.00	50.61 1.85 0.00	49.54 1.81 0.00	48.59 1.91 0.00	48.66 2.01 0.00	48.29 1.99 0.00	49.10 1.75 0.00	53.36 1.95 0.00	61.99 2.15 0.01	68.54 2.32 0.01	66.76 2.13 0.01	52.05 1.76 0.01	44.29 1.59 0.25	41.93 1.44 0.65	39.10 1.35 0.75
ASTORIA___2 24149	36.51 1.84 -0.01	34.66 1.52 -0.01	32.59 1.37 -0.01	32.19 1.42 -0.01	32.15 1.30 -0.01	34.13 1.50 0.00	41.93 1.10 0.00	47.73 1.20 1.28	50.95 1.19 0.01	48.47 1.37 0.01	50.36 1.61 0.01	49.29 1.57 0.01	48.39 1.73 0.01	48.42 1.77 0.01	48.05 1.76 0.01	48.86 1.51 0.01	53.15 1.75 0.01	61.70 1.86 0.01	68.21 1.99 0.01	66.43 1.81 0.01	51.85 1.56 0.01	44.20 1.50 0.25	41.97 1.48 0.65	39.03 1.27 0.74
ASTORIA___3 23516	36.58 1.91 -0.01	34.76 1.62 -0.01	32.62 1.41 -0.01	32.16 1.39 -0.01	32.15 1.30 -0.01	34.23 1.60 0.00	42.17 1.35 0.00	48.03 1.48 1.27	51.21 1.44 0.00	48.71 1.60 0.00	50.56 1.81 0.00	49.49 1.77 0.00	48.54 1.87 0.00	48.57 1.91 0.00	48.24 1.94 0.00	49.05 1.70 0.00	53.31 1.90 0.00	61.93 2.09 0.01	68.48 2.25 0.01	66.63 2.01 0.01	52.00 1.71 0.01	44.42 1.72 0.25	42.10 1.60 0.65	39.03 1.27 0.74
ASTORIA___4 23517	36.58 1.91 -0.01	34.76 1.62 -0.01	32.62 1.40 -0.01	32.19 1.42 -0.01	32.15 1.30 -0.01	34.23 1.60 0.00	42.17 1.35 0.00	48.17 1.63 1.27	51.26 1.49 0.00	48.80 1.70 0.00	50.71 1.95 0.00	49.63 1.91 0.00	48.68 2.01 0.00	48.76 2.10 0.00	48.38 2.08 0.00	49.15 1.80 0.00	53.41 2.00 0.00	62.05 2.21 0.01	68.67 2.45 0.01	66.89 2.26 0.01	52.10 1.81 0.01	44.42 1.72 0.25	41.97 1.48 0.65	39.02 1.27 0.75
ASTORIA___5 23518	36.58 1.91 -0.01	34.76 1.62 -0.01	32.62 1.41 -0.01	32.16 1.39 -0.01	32.15 1.30 -0.01	34.23 1.60 0.00	42.17 1.35 0.00	48.03 1.48 1.27	51.21 1.44 0.00	48.71 1.60 0.00	50.56 1.81 0.00	49.49 1.77 0.00	48.54 1.87 0.00	48.57 1.91 0.00	48.24 1.94 0.00	49.05 1.70 0.00	53.31 1.90 0.00	61.93 2.09 0.01	68.48 2.25 0.01	66.63 2.01 0.01	52.00 1.71 0.01	44.42 1.72 0.25	42.10 1.60 0.65	39.03 1.27 0.74
AST_ENERGY_2_CC3 323677	24.42 1.46 11.71	22.62 1.19 11.70	22.43 1.06 9.84	22.43 1.08 9.41	22.43 0.99 9.40	22.43 1.17 11.37	24.08 0.69 17.43	25.12 0.72 23.41	28.35 0.70 22.12	26.15 0.89 21.85	28.68 1.12 21.20	27.60 1.10 21.22	26.60 1.26 21.34	26.63 1.30 21.33	26.25 1.34 21.39	27.12 1.04 21.27	31.17 1.23 21.47	40.97 1.26 20.13	47.52 1.32 20.04	45.67 1.16 20.13	29.86 1.06 21.50	25.11 1.11 18.96	26.19 1.07 16.02	27.05 0.89 12.34
AST_ENERGY_2_CC4 323678	24.42 1.46 11.71	22.62 1.19 11.70	22.43 1.06 9.84	22.43 1.08 9.41	22.43 0.99 9.40	22.43 1.17 11.37	24.08 0.69 17.43	25.12 0.72 23.41	28.35 0.70 22.12	26.15 0.89 21.85	28.68 1.12 21.20	27.60 1.10 21.22	26.60 1.26 21.34	26.63 1.30 21.33	26.25 1.34 21.39	27.12 1.04 21.27	31.17 1.23 21.47	40.97 1.26 20.13	47.52 1.32 20.04	45.67 1.16 20.13	29.86 1.06 21.50	25.11 1.11 18.96	26.19 1.07 16.02	27.05 0.89 12.34

ATHENS_STG_1 23668	35.50 0.83 0.00	33.83 0.70 0.00	31.87 0.66 0.00	31.44 0.68 0.00	31.46 0.62 0.00	33.32 0.69 0.00	41.56 0.74 0.00	47.54 0.81 1.09	50.56 0.79 0.00	47.91 0.80 0.00	49.64 0.88 0.00	48.54 0.81 0.00	47.56 0.88 0.00	47.54 0.88 0.00	47.22 0.93 0.00	48.15 0.80 0.00	52.34 0.93 0.00	60.86 1.02 0.00	67.23 0.99 0.00	65.54 0.90 0.00	51.10 0.80 0.00	43.55 0.81 0.21	41.28 0.70 0.55	38.29 0.42 0.64
ATHENS_STG_2 23670	35.50 0.83 0.00	33.83 0.70 0.00	31.87 0.66 0.00	31.44 0.68 0.00	31.46 0.62 0.00	33.32 0.69 0.00	41.56 0.74 0.00	47.54 0.81 1.09	50.56 0.79 0.00	47.91 0.80 0.00	49.64 0.88 0.00	48.54 0.81 0.00	47.56 0.88 0.00	47.54 0.88 0.00	47.22 0.93 0.00	48.15 0.80 0.00	52.34 0.93 0.00	60.86 1.02 0.00	67.23 0.99 0.00	65.54 0.90 0.00	51.10 0.80 0.00	43.55 0.81 0.21	41.28 0.70 0.55	38.29 0.42 0.64
ATHENS_STG_3 23677	35.50 0.83 0.00	33.83 0.70 0.00	31.87 0.66 0.00	31.44 0.68 0.00	31.46 0.62 0.00	33.32 0.69 0.00	41.56 0.74 0.00	47.54 0.81 1.09	50.56 0.79 0.00	47.91 0.80 0.00	49.64 0.88 0.00	48.54 0.81 0.00	47.56 0.88 0.00	47.54 0.88 0.00	47.22 0.93 0.00	48.15 0.80 0.00	52.34 0.93 0.00	60.86 1.02 0.00	67.23 0.99 0.00	65.54 0.90 0.00	51.10 0.80 0.00	43.55 0.81 0.21	41.28 0.70 0.55	38.29 0.42 0.64
AUBURN___LFGE 323710	34.63 -0.03 0.00	33.10 -0.03 0.00	31.08 -0.12 0.00	30.67 -0.09 0.00	30.75 -0.09 0.00	32.57 -0.07 0.00	40.86 0.04 0.00	44.91 0.05 2.96	51.30 0.15 -1.39	49.85 0.05 -2.69	51.83 0.05 -3.02	50.61 0.00 -2.88	47.92 0.00 -1.24	47.90 0.00 -1.25	47.34 0.00 -1.04	48.59 0.09 -1.15	52.71 0.15 -1.15	64.01 0.48 -3.68	71.04 0.73 -4.08	69.33 0.71 -3.98	53.82 0.40 -3.12	43.60 0.09 -0.57	41.44 0.08 -0.22	38.37 0.15 0.28
BABYLON_RES_REC 323704	35.98 1.32 0.00	34.02 0.89 0.00	31.55 0.34 0.00	31.17 0.40 0.00	31.06 0.22 0.00	33.38 0.75 0.00	41.02 0.21 0.01	46.51 0.10 1.40	49.95 0.20 0.01	47.52 0.42 0.01	49.59 0.83 0.00	48.49 0.76 0.00	47.70 1.03 0.00	47.87 1.21 0.00	47.45 1.16 0.00	48.15 0.80 0.00	52.64 1.23 0.00	60.98 1.13 0.00	67.09 0.86 0.00	65.35 0.71 0.00	51.35 1.06 0.00	44.12 1.42 0.25	41.90 1.40 0.64	38.92 1.15 0.74
BALL_HILL_WT_PWR 323825	34.08 -0.59 0.00	32.90 -0.23 0.00	30.58 -0.62 0.00	30.27 -0.49 0.00	30.41 -0.43 0.00	32.08 -0.55 0.00	39.96 -0.86 0.00	45.86 -1.72 0.23	49.78 -1.94 -1.95	49.04 -1.89 -3.81	50.95 -2.10 -4.29	49.76 -2.05 -4.09	46.32 -2.10 -1.75	46.50 -1.92 -1.75	45.81 -1.94 -1.46	47.11 -1.85 -1.61	50.36 -2.52 -1.47	62.14 -2.51 -4.80	69.63 -1.92 -5.32	67.71 -2.13 -5.21	52.17 -2.16 -4.03	42.29 -2.02 -1.36	41.54 -1.56 -1.96	39.86 -0.15 -1.51
BARON_WINDS___WT_PWR 323822	34.32 -0.35 0.00	33.00 -0.13 0.00	30.80 -0.41 0.00	30.40 -0.37 0.00	30.54 -0.31 0.00	32.27 -0.36 0.00	40.33 -0.49 0.00	44.31 -0.72 2.79	49.81 -0.85 -0.89	47.86 -0.99 -1.74	49.44 -1.27 -1.96	48.21 -1.39 -1.86	45.98 -1.50 -0.80	46.11 -1.35 -0.80	45.58 -1.39 -0.67	46.81 -1.28 -0.74	50.56 -1.54 -0.70	61.03 -1.08 -2.26	68.28 -0.46 -2.51	66.50 -0.58 -2.45	51.34 -0.86 -1.90	42.12 -0.95 -0.12	39.94 -0.74 0.46	37.75 0.12 0.87
BARRETT_IC_1 23704	35.85 1.18 0.00	33.99 0.86 0.00	31.80 0.59 0.00	31.41 0.65 0.00	31.34 0.49 0.00	33.58 0.95 0.00	41.26 0.45 0.01	47.01 0.48 1.28	50.31 0.55 0.01	47.85 0.75 0.01	49.83 1.07 0.00	48.73 1.00 0.00	47.94 1.26 0.00	48.06 1.40 0.00	47.59 1.29 0.00	48.35 1.00 0.00	52.80 1.39 0.00	61.40 1.55 0.00	67.62 1.39 0.00	65.86 1.22 0.00	51.40 1.11 0.00	43.78 1.07 0.25	41.52 1.03 0.64	38.61 0.85 0.74
BARRETT_IC_10 23701	35.85 1.18 0.00	33.99 0.86 0.00	31.80 0.59 0.00	31.41 0.65 0.00	31.34 0.49 0.00	33.58 0.95 0.00	41.26 0.45 0.01	47.01 0.48 1.28	50.31 0.55 0.01	47.85 0.75 0.01	49.83 1.07 0.00	48.73 1.00 0.00	47.94 1.26 0.00	48.06 1.40 0.00	47.59 1.29 0.00	48.35 1.00 0.00	52.80 1.39 0.00	61.40 1.55 0.00	67.62 1.39 0.00	65.86 1.22 0.00	51.40 1.11 0.00	43.78 1.07 0.25	41.52 1.03 0.64	38.61 0.85 0.74
BARRETT_IC_11 23702	35.85 1.18 0.00	33.99 0.86 0.00	31.80 0.59 0.00	31.41 0.65 0.00	31.34 0.49 0.00	33.58 0.95 0.00	41.26 0.45 0.01	47.01 0.48 1.28	50.31 0.55 0.01	47.85 0.75 0.01	49.83 1.07 0.00	48.73 1.00 0.00	47.94 1.26 0.00	48.06 1.40 0.00	47.59 1.29 0.00	48.35 1.00 0.00	52.80 1.39 0.00	61.40 1.55 0.00	67.62 1.39 0.00	65.86 1.22 0.00	51.40 1.11 0.00	43.78 1.07 0.25	41.52 1.03 0.64	38.61 0.85 0.74
BARRETT_IC_12 23703	35.85 1.18 0.00	33.99 0.86 0.00	31.80 0.59 0.00	31.41 0.65 0.00	31.34 0.49 0.00	33.58 0.95 0.00	41.26 0.45 0.01	47.01 0.48 1.28	50.31 0.55 0.01	47.85 0.75 0.01	49.83 1.07 0.00	48.73 1.00 0.00	47.94 1.26 0.00	48.06 1.40 0.00	47.59 1.29 0.00	48.35 1.00 0.00	52.80 1.39 0.00	61.40 1.55 0.00	67.62 1.39 0.00	65.86 1.22 0.00	51.40 1.11 0.00	43.78 1.07 0.25	41.52 1.03 0.64	38.61 0.85 0.74
BARRETT_IC_2 23705	35.85 1.18 0.00	33.99 0.86 0.00	31.80 0.59 0.00	31.41 0.65 0.00	31.34 0.49 0.00	33.58 0.95 0.00	41.26 0.45 0.01	47.01 0.48 1.28	50.31 0.55 0.01	47.85 0.75 0.01	49.83 1.07 0.00	48.73 1.00 0.00	47.94 1.26 0.00	48.06 1.40 0.00	47.59 1.29 0.00	48.35 1.00 0.00	52.80 1.39 0.00	61.40 1.55 0.00	67.62 1.39 0.00	65.86 1.22 0.00	51.40 1.11 0.00	43.78 1.07 0.25	41.52 1.03 0.64	38.61 0.85 0.74
BARRETT_IC_3 23706	35.85 1.18 0.00	33.99 0.86 0.00	31.80 0.59 0.00	31.41 0.65 0.00	31.34 0.49 0.00	33.58 0.95 0.00	41.26 0.45 0.01	47.01 0.48 1.28	50.31 0.55 0.01	47.85 0.75 0.01	49.83 1.07 0.00	48.73 1.00 0.00	47.94 1.26 0.00	48.06 1.40 0.00	47.59 1.29 0.00	48.35 1.00 0.00	52.80 1.39 0.00	61.40 1.55 0.00	67.62 1.39 0.00	65.86 1.22 0.00	51.40 1.11 0.00	43.78 1.07 0.25	41.52 1.03 0.64	38.61 0.85 0.74
BARRETT_IC_4 23707	35.85 1.18 0.00	33.99 0.86 0.00	31.80 0.59 0.00	31.41 0.65 0.00	31.34 0.49 0.00	33.58 0.95 0.00	41.26 0.45 0.01	47.01 0.48 1.28	50.31 0.55 0.01	47.85 0.75 0.01	49.83 1.07 0.00	48.73 1.00 0.00	47.94 1.26 0.00	48.06 1.40 0.00	47.59 1.29 0.00	48.35 1.00 0.00	52.80 1.39 0.00	61.40 1.55 0.00	67.62 1.39 0.00	65.86 1.22 0.00	51.40 1.11 0.00	43.78 1.07 0.25	41.52 1.03 0.64	38.61 0.85 0.74
BARRETT_IC_5 23708	35.85 1.18 0.00	33.99 0.86 0.00	31.80 0.59 0.00	31.41 0.65 0.00	31.34 0.49 0.00	33.58 0.95 0.00	41.26 0.45 0.01	47.01 0.48 1.28	50.31 0.55 0.01	47.85 0.75 0.01	49.83 1.07 0.00	48.73 1.00 0.00	47.94 1.26 0.00	48.06 1.40 0.00	47.59 1.29 0.00	48.35 1.00 0.00	52.80 1.39 0.00	61.40 1.55 0.00	67.62 1.39 0.00	65.86 1.22 0.00	51.40 1.11 0.00	43.78 1.07 0.25	41.52 1.03 0.64	38.61 0.85 0.74

BARRETT_IC_6 23709	35.85 1.18 0.00	33.99 0.86 0.00	31.80 0.59 0.00	31.41 0.65 0.00	31.34 0.49 0.00	33.58 0.95 0.00	41.26 0.45 0.01	47.01 0.48 1.28	50.31 0.55 0.01	47.85 0.75 0.01	49.83 1.07 0.00	48.73 1.00 0.00	47.94 1.26 0.00	48.06 1.40 0.00	47.59 1.29 0.00	48.35 1.00 0.00	52.80 1.39 0.00	61.40 1.55 0.00	67.62 1.39 0.00	65.86 1.22 0.00	51.40 1.11 0.00	43.78 1.07 0.25	41.52 1.03 0.64	38.61 0.85 0.74
BARRETT_IC_7 23710	35.81 1.14 0.00	33.99 0.86 0.00	31.90 0.69 0.00	31.50 0.74 0.00	31.34 0.49 0.00	33.64 1.01 0.00	41.30 0.49 0.01	47.16 0.62 1.28	50.35 0.60 0.01	47.95 0.85 0.01	50.07 1.32 0.00	48.97 1.24 0.00	48.17 1.49 0.00	48.29 1.63 0.00	47.87 1.57 0.00	48.58 1.23 0.00	53.05 1.65 0.00	61.76 1.92 0.00	68.09 1.85 0.00	66.31 1.68 0.00	51.65 1.36 0.00	43.82 1.12 0.25	41.10 0.62 0.65	38.60 0.85 0.75
BARRETT_IC_8 23711	35.85 1.18 0.00	33.99 0.86 0.00	31.80 0.59 0.00	31.41 0.65 0.00	31.34 0.49 0.00	33.58 0.95 0.00	41.26 0.45 0.01	47.01 0.48 1.28	50.31 0.55 0.01	47.85 0.75 0.01	49.83 1.07 0.00	48.73 1.00 0.00	47.94 1.26 0.00	48.06 1.40 0.00	47.59 1.29 0.00	48.35 1.00 0.00	52.80 1.39 0.00	61.40 1.55 0.00	67.62 1.39 0.00	65.86 1.22 0.00	51.40 1.11 0.00	43.78 1.07 0.25	41.52 1.03 0.64	38.61 0.85 0.74
BARRETT_IC_9 23700	35.85 1.18 0.00	33.99 0.86 0.00	31.80 0.59 0.00	31.41 0.65 0.00	31.34 0.49 0.00	33.58 0.95 0.00	41.26 0.45 0.01	47.01 0.48 1.28	50.31 0.55 0.01	47.85 0.75 0.01	49.83 1.07 0.00	48.73 1.00 0.00	47.94 1.26 0.00	48.06 1.40 0.00	47.59 1.29 0.00	48.35 1.00 0.00	52.80 1.39 0.00	61.40 1.55 0.00	67.62 1.39 0.00	65.86 1.22 0.00	51.40 1.11 0.00	43.78 1.07 0.25	41.52 1.03 0.64	38.61 0.85 0.74
BARRETT___1 23545	35.85 1.18 0.00	33.99 0.86 0.00	31.80 0.59 0.00	31.41 0.65 0.00	31.34 0.49 0.00	33.58 0.95 0.00	41.26 0.45 0.01	47.01 0.48 1.28	50.31 0.55 0.01	47.85 0.75 0.01	49.83 1.07 0.00	48.73 1.00 0.00	47.94 1.26 0.00	48.06 1.40 0.00	47.59 1.29 0.00	48.35 1.00 0.00	52.80 1.39 0.00	61.40 1.55 0.00	67.62 1.39 0.00	65.86 1.22 0.00	51.40 1.11 0.00	43.78 1.07 0.25	41.52 1.03 0.64	38.61 0.85 0.74
BARRETT___2 23546	35.85 1.18 0.00	33.99 0.86 0.00	31.80 0.59 0.00	31.41 0.65 0.00	31.34 0.49 0.00	33.58 0.95 0.00	41.26 0.45 0.01	47.01 0.48 1.28	50.31 0.55 0.01	47.85 0.75 0.01	49.83 1.07 0.00	48.73 1.00 0.00	47.94 1.26 0.00	48.06 1.40 0.00	47.59 1.29 0.00	48.35 1.00 0.00	52.80 1.39 0.00	61.40 1.55 0.00	67.62 1.39 0.00	65.86 1.22 0.00	51.40 1.11 0.00	43.78 1.07 0.25	41.52 1.03 0.64	38.61 0.85 0.74
BATAVIA__115KV_TB1 55881	34.46 -0.21 0.00	33.33 0.20 0.00	30.96 -0.25 0.00	30.58 -0.18 0.00	30.78 -0.06 0.00	32.34 -0.29 0.00	40.37 -0.45 0.00	46.77 -1.72 -0.67	50.15 -1.94 -2.32	49.98 -1.65 -4.52	51.78 -2.05 -5.07	50.47 -2.10 -4.84	46.56 -2.19 -2.08	46.69 -2.05 -2.09	45.91 -2.13 -1.74	47.47 -1.80 -1.92	50.66 -2.67 -1.92	63.26 -2.51 -5.93	70.68 -2.12 -6.57	68.78 -2.26 -6.41	53.27 -2.26 -5.24	42.95 -2.06 -2.06	43.16 -1.28 -3.29	41.27 -0.12 -2.88
BAYONEEC___CTG1 323682	36.33 1.66 0.00	34.55 1.42 0.00	32.39 1.19 0.00	31.94 1.17 0.00	31.93 1.08 0.00	34.03 1.40 0.00	42.29 1.47 0.00	48.26 1.72 1.27	51.51 1.74 0.00	48.90 1.79 0.00	50.81 2.05 0.00	49.73 2.00 0.00	48.73 2.05 0.00	48.76 2.10 0.00	48.38 2.09 0.00	49.25 1.90 0.00	53.57 2.16 0.00	62.30 2.45 0.00	68.88 2.65 0.00	67.03 2.39 0.00	52.26 1.96 0.00	44.55 1.85 0.25	42.14 1.65 0.65	38.92 1.15 0.74
BAYONEEC___CTG10 323750	36.33 1.66 0.00	34.55 1.42 0.00	32.39 1.19 0.00	31.94 1.17 0.00	31.93 1.08 0.00	34.03 1.40 0.00	42.29 1.47 0.00	48.26 1.72 1.27	51.51 1.74 0.00	48.90 1.79 0.00	50.81 2.05 0.00	49.73 2.00 0.00	48.73 2.05 0.00	48.76 2.10 0.00	48.38 2.09 0.00	49.25 1.90 0.00	53.57 2.16 0.00	62.30 2.45 0.00	68.88 2.65 0.00	67.03 2.39 0.00	52.26 1.96 0.00	44.55 1.85 0.25	42.14 1.65 0.65	38.92 1.15 0.74
BAYONEEC___CTG2 323683	36.33 1.66 0.00	34.55 1.42 0.00	32.39 1.19 0.00	31.94 1.17 0.00	31.93 1.08 0.00	34.03 1.40 0.00	42.29 1.47 0.00	48.26 1.72 1.27	51.51 1.74 0.00	48.90 1.79 0.00	50.81 2.05 0.00	49.73 2.00 0.00	48.73 2.05 0.00	48.76 2.10 0.00	48.38 2.09 0.00	49.25 1.90 0.00	53.57 2.16 0.00	62.30 2.45 0.00	68.88 2.65 0.00	67.03 2.39 0.00	52.26 1.96 0.00	44.55 1.85 0.25	42.14 1.65 0.65	38.92 1.15 0.74
BAYONEEC___CTG3 323684	36.33 1.66 0.00	34.55 1.42 0.00	32.39 1.19 0.00	31.94 1.17 0.00	31.93 1.08 0.00	34.03 1.40 0.00	42.29 1.47 0.00	48.26 1.72 1.27	51.51 1.74 0.00	48.90 1.79 0.00	50.81 2.05 0.00	49.73 2.00 0.00	48.73 2.05 0.00	48.76 2.10 0.00	48.38 2.09 0.00	49.25 1.90 0.00	53.57 2.16 0.00	62.30 2.45 0.00	68.88 2.65 0.00	67.03 2.39 0.00	52.26 1.96 0.00	44.55 1.85 0.25	42.14 1.65 0.65	38.92 1.15 0.74
BAYONEEC___CTG4 323685	36.33 1.66 0.00	34.55 1.42 0.00	32.39 1.19 0.00	31.94 1.17 0.00	31.93 1.08 0.00	34.03 1.40 0.00	42.29 1.47 0.00	48.26 1.72 1.27	51.51 1.74 0.00	48.90 1.79 0.00	50.81 2.05 0.00	49.73 2.00 0.00	48.73 2.05 0.00	48.76 2.10 0.00	48.38 2.09 0.00	49.25 1.90 0.00	53.57 2.16 0.00	62.30 2.45 0.00	68.88 2.65 0.00	67.03 2.39 0.00	52.26 1.96 0.00	44.55 1.85 0.25	42.14 1.65 0.65	38.92 1.15 0.74
BAYONEEC___CTG5 323686	36.33 1.66 0.00	34.55 1.42 0.00	32.39 1.19 0.00	31.94 1.17 0.00	31.93 1.08 0.00	34.03 1.40 0.00	42.29 1.47 0.00	48.26 1.72 1.27	51.51 1.74 0.00	48.90 1.79 0.00	50.81 2.05 0.00	49.73 2.00 0.00	48.73 2.05 0.00	48.76 2.10 0.00	48.38 2.09 0.00	49.25 1.90 0.00	53.57 2.16 0.00	62.30 2.45 0.00	68.88 2.65 0.00	67.03 2.39 0.00	52.26 1.96 0.00	44.55 1.85 0.25	42.14 1.65 0.65	38.92 1.15 0.74
BAYONEEC___CTG6 323687	36.33 1.66 0.00	34.55 1.42 0.00	32.39 1.19 0.00	31.94 1.17 0.00	31.93 1.08 0.00	34.03 1.40 0.00	42.29 1.47 0.00	48.26 1.72 1.27	51.51 1.74 0.00	48.90 1.79 0.00	50.81 2.05 0.00	49.73 2.00 0.00	48.73 2.05 0.00	48.76 2.10 0.00	48.38 2.09 0.00	49.25 1.90 0.00	53.57 2.16 0.00	62.30 2.45 0.00	68.88 2.65 0.00	67.03 2.39 0.00	52.26 1.96 0.00	44.55 1.85 0.25	42.14 1.65 0.65	38.92 1.15 0.74
BAYONEEC___CTG7 323688	36.33 1.66 0.00	34.55 1.42 0.00	32.39 1.19 0.00	31.94 1.17 0.00	31.93 1.08 0.00	34.03 1.40 0.00	42.29 1.47 0.00	48.26 1.72 1.27	51.51 1.74 0.00	48.90 1.79 0.00	50.81 2.05 0.00	49.73 2.00 0.00	48.73 2.05 0.00	48.76 2.10 0.00	48.38 2.09 0.00	49.25 1.90 0.00	53.57 2.16 0.00	62.30 2.45 0.00	68.88 2.65 0.00	67.03 2.39 0.00	52.26 1.96 0.00	44.55 1.85 0.25	42.14 1.65 0.65	38.92 1.15 0.74

BAYONEEC___CTG8 323689	36.33 1.66 0.00	34.55 1.42 0.00	32.39 1.19 0.00	31.94 1.17 0.00	31.93 1.08 0.00	34.03 1.40 0.00	42.29 1.47 0.00	48.26 1.72 1.27	51.51 1.74 0.00	48.90 1.79 0.00	50.81 2.05 0.00	49.73 2.00 0.00	48.73 2.05 0.00	48.76 2.10 0.00	48.38 2.09 0.00	49.25 1.90 0.00	53.57 2.16 0.00	62.30 2.45 0.00	68.88 2.65 0.00	67.03 2.39 0.00	52.26 1.96 0.00	44.55 1.85 0.25	42.14 1.65 0.65	38.92 1.15 0.74
BAYONEEC___CTG9 323749	36.33 1.66 0.00	34.55 1.42 0.00	32.39 1.19 0.00	31.94 1.17 0.00	31.93 1.08 0.00	34.03 1.40 0.00	42.29 1.47 0.00	48.26 1.72 1.27	51.51 1.74 0.00	48.90 1.79 0.00	50.81 2.05 0.00	49.73 2.00 0.00	48.73 2.05 0.00	48.76 2.10 0.00	48.38 2.09 0.00	49.25 1.90 0.00	53.57 2.16 0.00	62.30 2.45 0.00	68.88 2.65 0.00	67.03 2.39 0.00	52.26 1.96 0.00	44.55 1.85 0.25	42.14 1.65 0.65	38.92 1.15 0.74
BEACON___LESR 323632	35.22 0.55 0.00	33.63 0.50 0.00	31.71 0.50 0.00	31.29 0.52 0.00	31.37 0.52 0.00	33.19 0.55 0.00	41.47 0.65 0.00	47.53 0.62 0.90	50.21 0.45 0.00	47.53 0.42 0.00	49.10 0.34 0.00	47.97 0.24 0.00	46.96 0.28 0.00	46.94 0.28 0.00	46.66 0.37 0.00	47.64 0.29 0.00	51.77 0.36 0.00	60.21 0.36 0.00	66.56 0.33 0.00	64.96 0.32 0.00	50.55 0.25 0.00	43.08 0.30 0.18	40.89 0.21 0.46	38.02 0.04 0.53
BEAVER RIVER___HYD 24048	35.05 0.38 0.00	33.56 0.43 0.00	31.89 0.69 0.00	31.26 0.49 0.00	31.43 0.58 0.00	33.35 0.72 0.00	41.96 1.14 0.00	48.88 1.15 0.08	51.87 1.05 -1.05	49.76 0.61 -2.04	51.54 0.49 -2.30	50.78 0.86 -2.19	48.36 0.74 -0.94	48.21 0.60 -0.95	47.69 0.60 -0.79	49.22 1.00 -0.87	53.36 1.08 -0.87	64.04 1.38 -2.82	71.34 1.99 -3.12	69.75 2.07 -3.05	54.27 1.61 -2.37	45.44 1.63 -0.85	43.77 1.36 -1.28	40.76 1.19 -1.06
BEEBEE_GT_13 23619	34.39 -0.28 0.00	33.06 -0.07 0.00	30.93 -0.28 0.00	30.52 -0.25 0.00	30.63 -0.22 0.00	32.31 -0.33 0.00	40.41 -0.41 0.00	48.09 -1.34 -1.61	51.18 -1.29 -2.71	51.18 -1.18 -5.25	53.39 -1.27 -5.90	52.02 -1.34 -5.63	47.70 -1.40 -2.43	47.78 -1.31 -2.43	47.12 -1.20 -2.03	48.45 -1.14 -2.24	52.11 -1.54 -2.24	65.48 -1.44 -7.07	72.73 -1.32 -7.83	70.92 -1.36 -7.64	55.03 -1.36 -6.09	44.18 -1.33 -2.56	44.39 -0.99 -4.24	41.79 -0.54 -3.83
BENSHRST_27_KV_BENSHRST_1 355998	36.72 2.05 -0.01	34.93 1.79 -0.01	32.68 1.47 -0.01	32.22 1.45 -0.01	32.18 1.33 -0.01	34.36 1.73 0.00	42.13 1.31 0.00	48.17 1.63 1.27	51.20 1.44 0.01	48.75 1.65 0.01	50.65 1.90 0.01	49.58 1.86 0.01	48.63 1.96 0.01	48.71 2.05 0.00	48.38 2.08 0.00	49.20 1.85 0.00	53.41 2.00 0.01	62.17 2.33 0.01	68.87 2.65 0.01	67.08 2.46 0.01	52.20 1.91 0.01	44.42 1.72 0.25	42.01 1.52 0.65	39.02 1.27 0.75
BETHLEHEM___GRP 23843	34.77 0.10 0.00	33.23 0.10 0.00	31.33 0.12 0.00	30.92 0.15 0.00	30.97 0.12 0.00	32.79 0.16 0.00	40.90 0.08 0.00	46.92 0.00 0.90	49.82 0.05 0.00	47.01 -0.09 0.00	48.56 -0.20 0.00	47.39 -0.33 0.00	46.44 -0.23 0.00	46.42 -0.23 0.00	46.16 -0.14 0.00	47.07 -0.28 0.00	51.15 -0.26 0.00	59.43 -0.42 0.00	65.70 -0.53 0.00	64.12 -0.52 0.00	49.94 -0.35 0.00	42.52 -0.26 0.18	40.31 -0.37 0.46	37.51 -0.46 0.53
BETHLEHEM___GS1 323560	34.77 0.10 0.00	33.23 0.10 0.00	31.33 0.13 0.00	30.92 0.15 0.00	30.97 0.12 0.00	32.80 0.16 0.00	40.90 0.08 0.00	46.87 -0.05 0.90	49.62 -0.15 0.00	46.97 -0.14 0.00	48.47 -0.29 0.00	47.34 -0.38 0.00	46.35 -0.32 0.00	46.38 -0.28 0.00	46.07 -0.23 0.00	47.02 -0.33 0.00	51.10 -0.31 0.00	59.31 -0.54 0.00	65.57 -0.66 0.00	63.99 -0.65 0.00	49.84 -0.45 0.00	42.52 -0.26 0.17	40.35 -0.33 0.46	37.52 -0.46 0.53
BETHLEHEM___GS2 323561	34.77 0.10 0.00	33.23 0.10 0.00	31.33 0.13 0.00	30.92 0.15 0.00	30.97 0.12 0.00	32.80 0.16 0.00	40.90 0.08 0.00	46.87 -0.05 0.90	49.62 -0.15 0.00	46.97 -0.14 0.00	48.47 -0.29 0.00	47.34 -0.38 0.00	46.35 -0.32 0.00	46.38 -0.28 0.00	46.07 -0.23 0.00	47.02 -0.33 0.00	51.10 -0.31 0.00	59.31 -0.54 0.00	65.57 -0.66 0.00	63.99 -0.65 0.00	49.84 -0.45 0.00	42.52 -0.26 0.17	40.35 -0.33 0.46	37.52 -0.46 0.53
BETHLEHEM___GS3 323562	34.77 0.10 0.00	33.23 0.10 0.00	31.33 0.13 0.00	30.92 0.15 0.00	30.97 0.12 0.00	32.80 0.16 0.00	40.90 0.08 0.00	46.87 -0.05 0.90	49.62 -0.15 0.00	46.97 -0.14 0.00	48.47 -0.29 0.00	47.34 -0.38 0.00	46.35 -0.32 0.00	46.38 -0.28 0.00	46.07 -0.23 0.00	47.02 -0.33 0.00	51.10 -0.31 0.00	59.31 -0.54 0.00	65.57 -0.66 0.00	63.99 -0.65 0.00	49.84 -0.45 0.00	42.52 -0.26 0.17	40.35 -0.33 0.46	37.52 -0.46 0.53
BETHLEHEM___STEEL 23779	34.08 -0.59 0.00	32.93 -0.20 0.00	30.55 -0.66 0.00	30.15 -0.62 0.00	30.38 -0.46 0.00	31.95 -0.69 0.00	39.84 -0.98 0.00	45.64 -1.96 0.22	49.53 -2.19 -1.96	49.05 -1.88 -3.82	50.86 -2.19 -4.30	49.72 -2.10 -4.10	46.37 -2.05 -1.75	46.46 -1.96 -1.76	45.91 -1.85 -1.47	47.17 -1.80 -1.62	50.51 -2.52 -1.62	62.12 -2.57 -4.85	69.42 -2.19 -5.37	67.49 -2.39 -5.25	52.37 -2.36 -4.44	42.35 -2.19 -1.59	42.19 -1.36 -2.41	40.28 -0.19 -1.96
BETHLHEM_115KV_TB1 79974	34.87 0.21 0.00	33.29 0.17 0.00	31.43 0.22 0.00	31.01 0.25 0.00	31.06 0.22 0.00	32.86 0.23 0.00	41.03 0.20 0.00	47.06 0.14 0.90	49.96 0.20 0.00	47.16 0.05 0.00	48.66 -0.10 0.00	47.53 -0.19 0.00	46.58 -0.09 0.00	46.56 -0.09 0.00	46.25 -0.05 0.00	47.21 -0.14 0.00	51.31 -0.10 0.00	59.61 -0.24 0.00	65.90 -0.33 0.00	64.31 -0.32 0.00	50.10 -0.20 0.00	42.64 -0.13 0.18	40.43 -0.25 0.46	37.63 -0.35 0.53
BETHPAGE_CC_5 323564	35.88 1.21 0.00	33.96 0.83 0.00	31.80 0.59 0.00	31.41 0.65 0.00	31.31 0.46 0.00	33.54 0.91 0.00	41.22 0.41 0.01	46.91 0.48 1.39	50.30 0.55 0.01	47.85 0.75 0.01	49.93 1.17 0.00	48.82 1.10 0.00	48.03 1.35 0.00	48.15 1.49 0.00	47.73 1.44 0.00	48.44 1.09 0.00	52.95 1.54 0.00	61.58 1.74 0.00	67.76 1.52 0.00	65.99 1.36 0.00	51.55 1.26 0.00	43.95 1.25 0.25	41.69 1.19 0.64	38.69 0.92 0.74
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	34.08 -0.59 0.00	32.90 -0.23 0.00	30.52 -0.69 0.00	30.12 -0.65 0.00	30.35 -0.49 0.00	31.95 -0.69 0.00	39.84 -0.98 0.00	45.90 -1.63 0.29	49.86 -1.84 -1.93	49.33 -1.55 -3.77	51.15 -1.85 -4.24	50.00 -1.77 -4.04	46.68 -1.73 -1.73	46.76 -1.63 -1.74	46.22 -1.53 -1.45	47.48 -1.47 -1.60	50.85 -2.16 -1.60	62.45 -2.15 -4.76	69.79 -1.72 -5.28	67.86 -1.94 -5.16	52.66 -2.01 -4.38	42.62 -1.89 -1.56	42.41 -1.07 -2.34	40.44 0.04 -1.90
BINGHAMTON___COGEN 23790	34.87 0.21 0.00	33.33 0.20 0.00	31.27 0.06 0.00	30.86 0.09 0.00	30.97 0.12 0.00	32.76 0.13 0.00	41.03 0.20 0.00	42.01 0.38 6.19	49.60 0.40 0.56	46.35 0.33 1.09	47.83 0.29 1.22	46.85 0.29 1.17	46.40 0.23 0.50	46.39 0.23 0.51	46.15 0.28 0.42	47.17 0.28 0.46	51.15 0.21 0.46	58.93 0.48 1.40	65.41 0.73 1.55	63.77 0.65 1.51	49.39 0.35 1.26	41.40 0.13 1.68	37.42 0.16 3.89	34.59 0.35 4.26

BIXINCNT_115KV_LOAD 355685	33.77 -0.90 0.00	32.53 -0.60 0.00	30.18 -1.03 0.00	29.81 -0.95 0.00	30.07 -0.77 0.00	31.75 -0.88 0.00	39.76 -1.06 0.00	46.27 -0.91 0.64	50.49 -1.09 -1.82	49.72 -0.94 -3.55	51.63 -1.12 -4.00	50.44 -1.10 -3.81	47.05 -1.26 -1.63	47.03 -1.26 -1.64	46.60 -1.06 -1.37	47.77 -1.09 -1.51	51.53 -1.39 -1.51	63.09 -1.14 -4.38	70.49 -0.60 -4.86	68.55 -0.84 -4.75	53.27 -1.16 -4.13	43.16 -1.20 -1.42	42.75 -0.45 -2.06	40.63 0.50 -1.62
BLACK RIVER___HYD 24047	35.40 0.73 0.00	33.86 0.73 0.00	32.08 0.87 0.00	31.41 0.65 0.00	31.62 0.77 0.00	33.58 0.95 0.00	42.29 1.47 0.00	50.09 1.67 -0.60	53.19 1.59 -1.84	51.67 0.99 -3.57	53.59 0.83 -4.01	52.60 1.05 -3.82	49.25 0.93 -1.65	49.05 0.74 -1.65	48.46 0.79 -1.38	50.15 1.28 -1.52	54.36 1.44 -1.52	66.73 1.97 -4.91	74.52 2.85 -5.44	72.92 2.97 -5.31	56.69 2.27 -4.13	46.73 2.15 -1.63	45.48 1.73 -2.61	42.30 1.50 -2.29
BLACKRVR_115KV_TB2 79977	35.39 0.73 0.00	33.86 0.73 0.00	32.08 0.87 0.00	31.41 0.65 0.00	31.62 0.77 0.00	33.58 0.95 0.00	42.29 1.47 0.00	50.09 1.67 -0.60	53.14 1.54 -1.84	51.66 0.99 -3.57	53.59 0.83 -4.01	52.60 1.05 -3.82	49.25 0.93 -1.65	49.06 0.75 -1.65	48.46 0.79 -1.38	50.15 1.28 -1.52	54.37 1.44 -1.52	66.73 1.97 -4.91	74.45 2.78 -5.44	72.85 2.91 -5.31	56.65 2.21 -4.14	46.74 2.15 -1.64	45.49 1.73 -2.62	42.31 1.50 -2.30
BLDWN_LI_69_KV_BK4 356085	36.02 1.35 0.00	34.16 1.03 0.00	32.05 0.84 0.00	31.66 0.89 0.00	31.46 0.62 0.00	33.81 1.17 0.00	41.59 0.78 0.01	47.48 1.00 1.34	50.75 1.00 0.01	48.33 1.22 0.01	50.56 1.80 0.00	49.40 1.67 0.00	48.59 1.91 0.00	48.76 2.10 0.00	48.33 2.04 0.00	49.05 1.70 0.00	53.62 2.21 0.00	62.42 2.57 0.00	68.88 2.65 0.00	67.03 2.39 0.00	52.21 1.91 0.00	44.25 1.55 0.25	41.52 1.03 0.65	38.87 1.12 0.75
BLISS_WT_PWR 323608	33.70 -0.97 0.00	32.47 -0.66 0.00	30.15 -1.06 0.00	29.84 -0.92 0.00	29.98 -0.86 0.00	31.75 -0.88 0.00	39.68 -1.14 0.00	46.22 -0.96 0.64	50.49 -1.10 -1.82	49.58 -1.08 -3.56	51.54 -1.22 -4.00	50.25 -1.29 -3.81	46.81 -1.50 -1.63	46.94 -1.35 -1.64	46.37 -1.30 -1.37	47.53 -1.33 -1.51	51.16 -1.59 -1.34	62.86 -1.37 -4.38	70.43 -0.66 -4.86	68.42 -0.97 -4.75	52.72 -1.26 -3.68	42.86 -1.25 -1.16	41.92 -0.78 -1.57	40.10 0.46 -1.13
BLUESTONE___WT_PWR 323821	35.78 1.11 0.00	34.19 1.06 0.00	32.18 0.97 0.00	31.60 0.83 0.00	31.74 0.90 0.00	33.64 1.01 0.00	42.29 1.47 0.00	47.97 1.86 1.71	51.76 1.99 0.00	48.80 1.69 0.00	50.56 1.81 0.00	49.58 1.86 0.00	48.45 1.77 0.00	48.43 1.77 0.00	48.15 1.85 0.00	49.34 1.99 0.00	53.78 2.37 0.00	64.10 4.25 0.00	71.06 4.83 0.00	69.29 4.66 0.00	53.92 3.62 0.00	45.11 2.49 0.33	42.33 2.06 0.87	39.13 1.62 1.00
BLUE_CIRC_CHEM_DRP 24182	35.33 0.66 0.00	33.73 0.60 0.00	31.83 0.62 0.00	31.41 0.65 0.00	31.43 0.59 0.00	33.32 0.69 0.00	41.60 0.78 0.00	47.75 0.86 0.93	50.61 0.85 0.00	47.63 0.52 0.00	48.16 -0.59 0.01	47.04 -0.67 0.01	46.10 -0.56 0.01	46.08 -0.56 0.01	45.73 -0.56 0.01	46.73 -0.62 0.00	50.69 -0.72 0.00	58.89 -0.96 0.00	65.17 -1.06 0.00	63.60 -1.03 0.00	49.59 -0.70 0.00	42.21 -0.56 0.18	40.87 0.21 0.48	38.07 0.12 0.55
BOC_GAS_DRP 24189	35.15 0.49 0.00	33.53 0.40 0.00	31.61 0.41 0.00	31.20 0.43 0.00	31.25 0.40 0.00	33.06 0.42 0.00	41.27 0.45 0.00	47.40 0.48 0.90	50.26 0.50 0.00	47.44 0.33 0.00	49.05 0.29 0.00	47.92 0.19 0.00	46.96 0.28 0.00	46.94 0.28 0.00	46.62 0.32 0.00	47.54 0.19 0.00	51.67 0.26 0.00	60.03 0.18 0.00	66.36 0.13 0.00	64.76 0.13 0.00	50.50 0.20 0.00	42.99 0.21 0.18	40.80 0.12 0.46	37.97 0.00 0.53
BOONVILLE_115KV_TB1 79983	35.22 0.55 0.00	33.66 0.53 0.00	31.90 0.69 0.00	31.32 0.55 0.00	31.46 0.62 0.00	33.35 0.72 0.00	41.88 1.06 0.00	47.97 1.15 0.99	51.32 1.14 -0.41	48.75 0.85 -0.79	50.43 0.78 -0.89	49.58 1.00 -0.85	47.97 0.93 -0.37	47.87 0.84 -0.37	47.48 0.88 -0.31	48.82 1.14 -0.34	52.98 1.23 -0.34	62.49 1.56 -1.09	69.43 1.99 -1.21	67.82 2.00 -1.18	52.78 1.56 -0.92	44.51 1.42 -0.14	42.34 1.19 0.00	39.35 1.00 0.15
BORALEX_4TH_BRANCH 23824	36.02 1.35 0.00	34.26 1.13 0.00	32.27 1.06 0.00	31.84 1.08 0.00	31.86 1.02 0.00	33.84 1.21 0.00	42.37 1.55 0.00	48.54 1.63 0.91	51.51 1.74 0.00	48.85 1.74 0.00	50.51 1.76 0.00	49.35 1.62 0.00	48.45 1.77 0.00	48.38 1.73 0.00	48.01 1.71 0.00	49.01 1.66 0.00	53.31 1.90 0.00	61.94 2.09 0.00	68.48 2.25 0.00	67.03 2.39 0.00	52.06 1.76 0.00	44.23 1.46 0.18	41.91 1.23 0.47	38.89 0.92 0.54
BOWLINE___1 23526	36.12 1.46 0.00	34.32 1.19 0.00	32.21 1.00 0.00	31.75 0.98 0.00	31.77 0.92 0.00	33.80 1.17 0.00	42.13 1.31 0.00	47.98 1.53 1.37	51.36 1.59 0.00	48.71 1.60 0.00	50.56 1.81 0.00	49.49 1.77 0.00	48.45 1.77 0.00	48.48 1.82 0.00	48.10 1.80 0.00	48.96 1.61 0.00	53.31 1.90 0.00	62.06 2.22 0.00	68.61 2.38 0.00	66.83 2.20 0.00	52.06 1.76 0.00	44.28 1.59 0.26	41.80 1.36 0.69	38.59 0.89 0.80
BOWLINE___2 23595	36.12 1.46 0.00	34.32 1.19 0.00	32.21 1.00 0.00	31.75 0.98 0.00	31.74 0.90 0.00	33.80 1.17 0.00	42.13 1.31 0.00	47.98 1.53 1.37	51.36 1.59 0.00	48.66 1.55 0.00	50.56 1.81 0.00	49.49 1.77 0.00	48.40 1.73 0.00	48.48 1.82 0.00	48.10 1.80 0.00	48.91 1.56 0.00	53.31 1.90 0.00	62.06 2.22 0.00	68.61 2.38 0.00	66.83 2.20 0.00	52.06 1.76 0.00	44.28 1.59 0.26	41.80 1.36 0.69	38.59 0.89 0.80
BRADY___115KV_TB2 356060	35.29 0.62 0.00	33.86 0.73 0.00	31.93 0.72 0.00	31.35 0.58 0.00	31.49 0.65 0.00	33.32 0.69 0.00	41.88 1.06 0.00	48.92 1.10 0.00	50.71 0.95 0.00	47.86 0.75 0.00	49.49 0.73 0.00	48.63 0.91 0.00	47.42 0.75 0.00	47.31 0.65 0.00	46.85 0.56 0.00	48.11 0.76 0.00	52.28 0.87 0.00	60.74 0.90 0.00	67.36 1.13 0.00	65.80 1.16 0.00	51.25 0.96 0.00	43.98 1.03 0.00	42.25 1.11 0.00	39.58 1.08 0.00
BRANSCOMB___SOLAR 323811	35.81 1.14 0.00	34.12 0.99 0.00	32.18 0.97 0.00	31.72 0.95 0.00	31.80 0.96 0.00	33.68 1.04 0.00	42.13 1.31 0.00	48.43 1.48 0.87	51.26 1.49 0.00	48.52 1.41 0.00	50.17 1.41 0.00	49.01 1.29 0.00	47.89 1.21 0.00	47.87 1.21 0.00	47.55 1.25 0.00	48.67 1.32 0.00	52.90 1.49 0.00	61.58 1.74 0.00	68.29 2.06 0.00	66.64 2.01 0.00	51.76 1.46 0.00	44.07 1.29 0.17	41.81 1.11 0.44	38.80 0.81 0.51
BRDGHMPT_69_KV_BK1 55812	35.60 0.94 0.00	33.66 0.53 0.00	31.58 0.37 0.00	31.26 0.49 0.00	30.97 0.12 0.00	33.45 0.82 0.00	40.69 -0.12 0.01	46.35 -0.05 1.42	49.85 0.10 0.01	47.62 0.52 0.01	50.12 1.37 0.00	48.87 1.15 0.00	48.17 1.49 0.00	48.34 1.68 0.00	47.87 1.57 0.00	48.53 1.18 0.00	53.21 1.80 0.00	61.82 1.97 0.00	68.09 1.85 0.00	66.25 1.62 0.00	51.60 1.31 0.00	43.69 0.99 0.25	40.86 0.37 0.65	38.72 0.96 0.75



BRENTWOD_69_KV_W. BRTWOOD 56703	36.05 1.39 0.00	34.09 0.96 0.00	32.02 0.81 0.00	31.63 0.86 0.00	31.40 0.56 0.00	33.87 1.24 0.00	41.55 0.73 0.01	47.26 0.86 1.41	50.65 0.90 0.01	48.28 1.18 0.01	50.61 1.85 0.00	49.40 1.67 0.00	48.68 2.01 0.00	48.85 2.19 0.00	48.43 2.13 0.00	49.15 1.80 0.00	53.57 2.16 0.00	62.30 2.45 0.00	68.62 2.38 0.00	66.77 2.13 0.00	52.26 1.96 0.00	44.20 1.50 0.25	41.52 1.03 0.65	39.06 1.31 0.75
BRISTLHL_115KV_TB1 79998	34.04 -0.62 0.00	32.53 -0.60 0.00	30.58 -0.62 0.00	30.18 -0.58 0.00	30.26 -0.59 0.00	32.04 -0.59 0.00	40.13 -0.69 0.00	50.12 -0.72 -3.02	52.97 -0.70 -3.91	54.03 -0.66 -7.58	56.59 -0.68 -8.52	55.14 -0.72 -8.13	49.52 -0.65 -3.50	49.47 -0.70 -3.51	48.58 -0.65 -2.93	49.97 -0.62 -3.23	53.92 -0.72 -3.23	69.58 -0.72 -10.45	77.15 -0.66 -11.58	75.29 -0.65 -11.30	58.54 -0.55 -8.80	46.18 -0.60 -3.83	47.03 -0.58 -6.47	43.92 -0.50 -5.92
BROOKHAVEN___DRP 24191	35.71 1.04 0.00	33.76 0.63 0.00	31.68 0.47 0.00	31.32 0.55 0.00	31.09 0.25 0.00	33.51 0.88 0.00	40.98 0.16 0.01	46.59 0.19 1.42	50.00 0.25 0.02	47.71 0.61 0.01	50.03 1.27 0.00	48.82 1.10 0.00	48.12 1.45 0.00	48.34 1.68 0.00	47.87 1.57 0.00	48.58 1.23 0.00	53.21 1.80 0.00	61.76 1.92 0.00	68.02 1.79 0.00	66.19 1.55 0.00	51.71 1.41 0.00	43.78 1.07 0.25	41.02 0.53 0.65	38.76 1.00 0.75
BROOKLYN_NAVY_YARD 23515	36.33 1.66 0.00	34.52 1.39 0.00	32.36 1.16 0.00	31.91 1.14 0.00	31.90 1.05 0.00	34.03 1.40 0.00	42.29 1.47 0.00	48.32 1.77 1.27	51.51 1.74 0.00	48.94 1.84 0.00	50.81 2.05 0.00	49.68 1.96 0.00	48.73 2.05 0.00	48.76 2.10 0.00	48.38 2.09 0.00	49.25 1.90 0.00	53.57 2.16 0.00	62.36 2.51 0.00	68.88 2.65 0.00	67.09 2.46 0.00	52.31 2.01 0.00	44.55 1.85 0.25	42.14 1.65 0.65	38.92 1.15 0.74
BROOKLYN___ARMY_DRP 323595	36.62 1.94 -0.01	34.79 1.66 -0.01	32.56 1.34 -0.01	32.13 1.35 -0.01	32.09 1.23 -0.01	34.26 1.63 0.00	41.97 1.14 0.00	47.98 1.43 1.27	51.00 1.24 0.01	48.56 1.46 0.01	50.46 1.71 0.01	49.39 1.67 0.01	48.44 1.77 0.01	48.52 1.87 0.00	48.15 1.85 0.00	48.96 1.61 0.00	53.15 1.75 0.01	61.93 2.09 0.01	68.54 2.32 0.01	66.76 2.13 0.01	51.95 1.66 0.01	44.25 1.55 0.25	41.84 1.36 0.65	38.91 1.16 0.75
BROOME_2_LFGE 323671	34.88 0.21 0.00	33.33 0.20 0.00	31.30 0.09 0.00	30.86 0.09 0.00	30.97 0.12 0.00	32.76 0.13 0.00	41.03 0.21 0.00	41.96 0.34 6.19	49.60 0.40 0.56	46.26 0.24 1.09	47.78 0.25 1.22	46.75 0.19 1.17	46.31 0.14 0.50	46.34 0.19 0.50	46.06 0.19 0.42	47.12 0.24 0.46	51.08 0.10 0.43	58.81 0.36 1.40	65.34 0.66 1.55	63.70 0.58 1.51	49.42 0.30 1.18	41.45 0.13 1.63	37.47 0.12 3.79	34.69 0.35 4.16
BROOME___LFGE 323600	34.88 0.21 0.00	33.33 0.20 0.00	31.30 0.09 0.00	30.86 0.09 0.00	30.97 0.12 0.00	32.76 0.13 0.00	41.03 0.21 0.00	41.96 0.34 6.19	49.60 0.40 0.56	46.26 0.24 1.09	47.78 0.25 1.22	46.75 0.19 1.17	46.31 0.14 0.50	46.34 0.19 0.50	46.06 0.19 0.42	47.12 0.24 0.46	51.08 0.10 0.43	58.81 0.36 1.40	65.34 0.66 1.55	63.70 0.58 1.51	49.42 0.30 1.18	41.45 0.13 1.63	37.47 0.12 3.79	34.69 0.35 4.16
BROWNFLS_115KV_TB_3_5 80003	35.08 0.42 0.00	33.63 0.50 0.00	31.86 0.66 0.00	31.23 0.46 0.00	31.43 0.59 0.00	33.32 0.69 0.00	41.88 1.06 0.00	48.78 1.05 0.09	51.45 0.95 -0.74	49.20 0.66 -1.43	50.95 0.59 -1.61	50.17 0.91 -1.54	48.08 0.75 -0.66	47.84 0.51 -0.66	47.36 0.51 -0.55	48.77 0.80 -0.61	52.84 0.82 -0.61	62.60 0.78 -1.98	69.55 1.13 -2.19	67.93 1.16 -2.14	52.92 0.96 -1.66	44.83 1.29 -0.59	43.26 1.23 -0.89	40.35 1.12 -0.73
BROWNSV1_27_KV_LOAD 356125	36.61 1.94 0.00	34.79 1.66 0.00	32.61 1.40 0.00	32.18 1.42 0.00	32.14 1.30 0.00	34.30 1.66 0.00	42.62 1.80 0.00	48.79 2.25 1.27	51.96 2.19 0.00	49.46 2.36 0.00	51.39 2.63 0.00	50.26 2.53 0.00	49.24 2.57 0.00	49.32 2.66 0.00	48.93 2.64 0.00	49.76 2.41 0.00	54.19 2.78 0.00	63.02 3.17 0.00	69.74 3.51 0.00	67.87 3.23 0.00	52.91 2.62 0.00	44.93 2.23 0.25	42.34 1.85 0.65	39.22 1.46 0.75
BURROWS___LYONSDAL 23803	35.15 0.49 0.00	33.59 0.46 0.00	31.90 0.69 0.00	31.32 0.55 0.00	31.46 0.62 0.00	33.35 0.72 0.00	41.92 1.10 0.00	48.10 1.10 0.81	51.39 1.09 -0.53	48.90 0.75 -1.04	50.56 0.63 -1.17	49.79 0.95 -1.11	48.04 0.89 -0.48	47.93 0.79 -0.48	47.53 0.83 -0.40	48.88 1.09 -0.44	53.03 1.18 -0.44	62.77 1.50 -1.43	69.80 1.99 -1.58	68.25 2.07 -1.55	53.06 1.56 -1.20	44.69 1.46 -0.28	42.63 1.23 -0.26	39.63 1.04 -0.09
CAITHNESS_CC_1 323624	35.81 1.14 0.00	33.79 0.66 0.00	31.61 0.40 0.00	31.23 0.46 0.00	31.12 0.28 0.00	33.51 0.88 0.00	40.98 0.16 0.01	46.54 0.14 1.42	50.00 0.25 0.02	47.57 0.47 0.01	49.73 0.97 0.00	48.59 0.86 0.00	47.89 1.21 0.00	48.06 1.40 0.00	47.59 1.29 0.00	48.30 0.95 0.00	52.85 1.44 0.00	61.34 1.50 0.00	67.42 1.19 0.00	65.67 1.03 0.00	51.40 1.11 0.00	43.78 1.07 0.25	41.61 1.11 0.64	38.76 1.00 0.74
CALPINE BETH_PAGE_GT4 24209	35.95 1.28 0.00	34.06 0.93 0.00	31.99 0.78 0.00	31.60 0.83 0.00	31.40 0.56 0.00	33.74 1.11 0.00	41.35 0.53 0.01	47.16 0.72 1.38	50.45 0.70 0.01	48.09 0.99 0.01	50.32 1.56 0.00	49.16 1.43 0.00	48.36 1.68 0.00	48.52 1.87 0.00	48.10 1.81 0.00	48.82 1.47 0.00	53.36 1.95 0.00	62.12 2.27 0.00	68.48 2.25 0.00	66.64 2.00 0.00	51.91 1.61 0.00	43.99 1.29 0.25	41.31 0.82 0.65	38.72 0.96 0.75
CALPINE_BETH_PAGE_GT_4 323586	35.98 1.32 0.00	34.06 0.93 0.00	31.89 0.69 0.00	31.47 0.71 0.00	31.40 0.56 0.00	33.68 1.04 0.00	41.31 0.49 0.01	47.02 0.58 1.38	50.40 0.65 0.01	47.90 0.80 0.01	50.02 1.27 0.00	48.92 1.19 0.00	48.12 1.45 0.00	48.25 1.59 0.00	47.82 1.53 0.00	48.53 1.18 0.00	53.00 1.60 0.00	61.70 1.86 0.00	67.89 1.66 0.00	66.12 1.49 0.00	51.60 1.31 0.00	43.99 1.29 0.25	41.73 1.23 0.64	38.73 0.96 0.74
CALPINE_BP_GT1 23823	35.98 1.32 0.00	34.06 0.93 0.00	31.89 0.69 0.00	31.47 0.71 0.00	31.40 0.56 0.00	33.68 1.04 0.00	41.31 0.49 0.01	47.02 0.58 1.38	50.40 0.65 0.01	47.90 0.80 0.01	50.02 1.27 0.00	48.92 1.19 0.00	48.12 1.45 0.00	48.25 1.59 0.00	47.82 1.53 0.00	48.53 1.18 0.00	53.00 1.60 0.00	61.70 1.86 0.00	67.89 1.66 0.00	66.12 1.49 0.00	51.60 1.31 0.00	43.99 1.29 0.25	41.73 1.23 0.64	38.73 0.96 0.74
CALSPAN___DRP 24200	34.08 -0.59 0.00	32.93 -0.20 0.00	30.55 -0.66 0.00	30.15 -0.62 0.00	30.38 -0.46 0.00	31.95 -0.69 0.00	39.84 -0.98 0.00	45.64 -1.96 0.22	49.53 -2.19 -1.96	49.05 -1.88 -3.82	50.86 -2.19 -4.30	49.72 -2.10 -4.10	46.37 -2.05 -1.75	46.46 -1.96 -1.76	45.91 -1.85 -1.47	47.17 -1.80 -1.62	50.51 -2.52 -1.62	62.12 -2.57 -4.85	69.42 -2.19 -5.37	67.49 -2.39 -5.25	52.37 -2.36 -4.44	42.35 -2.19 -1.59	42.19 -1.36 -2.41	40.28 -0.19 -1.96

CALVERTON___SOLAR 323806	35.74 1.08 0.00	33.76 0.63 0.00	31.55 0.34 0.00	31.20 0.43 0.00	31.06 0.22 0.00	33.45 0.82 0.00	40.94 0.12 0.01	46.49 0.10 1.42	49.95 0.20 0.01	47.57 0.47 0.01	49.73 0.97 0.00	48.59 0.86 0.00	47.84 1.17 0.00	48.01 1.35 0.00	47.59 1.29 0.00	48.30 0.95 0.00	52.85 1.44 0.00	61.34 1.50 0.00	67.49 1.26 0.00	65.73 1.10 0.00	51.40 1.11 0.00	43.78 1.07 0.25	41.56 1.07 0.64	38.73 0.96 0.74
CANDIGU_WT_PWR 323617	34.32 -0.35 0.00	33.00 -0.13 0.00	30.80 -0.41 0.00	30.40 -0.37 0.00	30.54 -0.31 0.00	32.27 -0.36 0.00	40.33 -0.49 0.00	44.31 -0.72 2.79	49.81 -0.85 -0.89	47.86 -0.99 -1.74	49.44 -1.27 -1.96	48.21 -1.39 -1.86	45.98 -1.50 -0.80	46.11 -1.35 -0.80	45.58 -1.39 -0.67	46.81 -1.28 -0.74	50.56 -1.54 -0.70	61.03 -1.08 -2.26	68.28 -0.46 -2.51	66.50 -0.58 -2.45	51.34 -0.86 -1.90	42.12 -0.95 -0.12	39.94 -0.74 0.46	37.75 0.12 0.87
CARR STREET_E_SYR 24060	34.25 -0.41 0.00	32.73 -0.40 0.00	30.77 -0.44 0.00	30.34 -0.43 0.00	30.44 -0.40 0.00	32.21 -0.43 0.00	40.33 -0.49 0.00	41.76 -0.52 5.53	49.71 -0.45 -0.39	47.40 -0.47 -0.76	49.12 -0.49 -0.85	48.02 -0.52 -0.81	46.56 -0.47 -0.35	46.54 -0.47 -0.35	46.13 -0.46 -0.29	47.20 -0.47 -0.32	51.22 -0.51 -0.32	60.41 -0.48 -1.04	66.92 -0.46 -1.15	65.31 -0.45 -1.12	50.72 -0.45 -0.87	41.71 -0.47 0.76	38.42 -0.37 2.35	35.38 -0.27 2.86
CARTHAGE___PAPER 23857	35.22 0.55 0.00	33.69 0.56 0.00	31.99 0.78 0.00	31.35 0.58 0.00	31.52 0.68 0.00	33.48 0.85 0.00	42.17 1.35 0.00	49.59 1.43 -0.34	52.64 1.34 -1.53	50.89 0.80 -2.98	52.74 0.63 -3.35	51.87 0.95 -3.19	48.89 0.84 -1.37	48.69 0.65 -1.38	48.14 0.70 -1.15	49.75 1.13 -1.27	53.96 1.29 -1.27	65.69 1.74 -4.10	73.23 2.45 -4.54	71.66 2.59 -4.43	55.70 1.96 -3.45	46.22 1.93 -1.33	44.80 1.56 -2.10	41.67 1.35 -1.82
CASSADAGA_WT_PWR 323784	34.18 -0.49 0.00	33.00 -0.13 0.00	30.74 -0.47 0.00	30.46 -0.31 0.00	30.69 -0.15 0.00	32.47 -0.16 0.00	40.66 -0.16 0.00	46.72 -0.57 0.52	50.83 -0.80 -1.87	49.90 -0.85 -3.64	51.78 -1.07 -4.09	50.54 -1.10 -3.90	47.13 -1.21 -1.67	47.31 -1.03 -1.68	46.63 -1.06 -1.40	47.71 -1.18 -1.54	51.14 -1.65 -1.38	62.88 -1.49 -4.52	70.58 -0.66 -5.01	68.63 -0.90 -4.90	52.84 -1.26 -3.80	42.93 -1.25 -1.22	42.02 -0.82 -1.70	40.22 0.46 -1.25
CE_DUNWOOD___DRP 24194	36.23 1.56 0.00	34.45 1.33 0.00	32.33 1.12 0.00	31.90 1.14 0.00	31.86 1.02 0.00	33.94 1.31 0.00	42.21 1.39 0.00	48.26 1.72 1.28	51.46 1.69 0.00	48.95 1.84 0.00	50.85 2.10 0.00	49.78 2.05 0.00	48.73 2.05 0.00	48.80 2.15 0.00	48.38 2.08 0.00	49.24 1.89 0.00	53.57 2.16 0.00	62.36 2.51 0.00	68.95 2.72 0.00	67.16 2.52 0.00	52.31 2.01 0.00	44.42 1.72 0.25	41.88 1.40 0.66	38.79 1.04 0.76
CE_MILLWOOD___DRP 24193	36.16 1.49 0.00	34.39 1.26 0.00	32.27 1.06 0.00	31.84 1.08 0.00	31.80 0.96 0.00	33.87 1.24 0.00	42.13 1.31 0.00	48.15 1.63 1.29	51.41 1.64 0.00	48.85 1.74 0.00	50.71 1.95 0.00	49.63 1.91 0.00	48.64 1.96 0.00	48.66 2.01 0.00	48.29 1.99 0.00	49.15 1.80 0.00	53.47 2.06 0.00	62.24 2.39 0.00	68.81 2.58 0.00	67.03 2.39 0.00	52.21 1.91 0.00	44.33 1.63 0.25	41.79 1.32 0.66	38.70 0.96 0.76
CE_NYC2_DRP 24202	36.58 1.91 -0.01	34.76 1.62 -0.01	32.62 1.40 -0.01	32.19 1.42 -0.01	32.12 1.26 -0.01	34.23 1.60 0.00	42.21 1.39 0.00	48.22 1.67 1.27	51.31 1.54 0.00	48.90 1.79 0.00	50.76 2.00 0.00	49.68 1.96 0.00	48.73 2.05 0.00	48.80 2.15 0.00	48.43 2.13 0.00	49.24 1.89 0.00	53.47 2.06 0.00	62.17 2.33 0.01	68.74 2.52 0.01	66.95 2.33 0.01	52.20 1.91 0.01	44.46 1.76 0.25	42.01 1.52 0.65	39.02 1.27 0.75
CE_NYC_DRP 24195	36.43 1.77 0.00	34.62 1.49 0.00	32.49 1.28 0.00	32.03 1.26 0.00	31.99 1.14 0.00	34.13 1.50 0.00	42.41 1.59 0.00	48.51 1.96 1.27	51.71 1.94 0.00	49.18 2.07 0.00	51.10 2.34 0.00	50.02 2.29 0.00	49.01 2.33 0.00	49.04 2.38 0.00	48.66 2.36 0.00	49.48 2.13 0.00	53.88 2.47 0.00	62.66 2.81 0.00	69.28 3.05 0.00	67.41 2.78 0.00	52.56 2.26 0.00	44.68 1.98 0.25	42.09 1.60 0.65	38.99 1.23 0.75
CHAFFEE___LFGE 323603	34.08 -0.59 0.00	32.93 -0.20 0.00	30.55 -0.66 0.00	30.24 -0.52 0.00	30.38 -0.46 0.00	32.01 -0.62 0.00	39.89 -0.94 0.00	45.76 -1.63 0.43	49.87 -1.79 -1.89	49.10 -1.69 -3.69	51.00 -1.90 -4.15	49.82 -1.86 -3.96	46.45 -1.92 -1.69	46.68 -1.68 -1.70	46.05 -1.66 -1.42	47.35 -1.56 -1.56	50.51 -2.31 -1.41	62.07 -2.40 -4.62	69.56 -1.79 -5.12	67.63 -2.00 -5.00	52.11 -2.06 -3.88	42.33 -1.89 -1.27	41.44 -1.48 -1.78	39.81 -0.04 -1.35
CHATEAUG_35_KV_LOAD 355732	34.77 0.10 0.00	33.39 0.27 0.00	31.49 0.28 0.00	31.01 0.25 0.00	31.15 0.31 0.00	32.96 0.33 0.00	41.23 0.41 0.00	47.86 0.05 0.00	49.67 -0.10 0.00	47.06 -0.05 0.00	48.71 -0.05 0.00	47.77 0.05 0.00	46.63 -0.05 0.00	46.56 -0.09 0.00	46.11 -0.19 0.00	47.26 -0.09 0.00	51.36 -0.05 0.00	59.73 -0.12 0.00	65.97 -0.26 0.00	64.38 -0.26 0.00	50.20 -0.10 0.00	43.04 0.09 0.00	41.59 0.45 0.00	39.24 0.73 0.00
CHATEAUG_WT_PWR 323614	34.70 0.03 0.00	33.33 0.20 0.00	31.43 0.22 0.00	30.95 0.19 0.00	31.09 0.25 0.00	32.89 0.26 0.00	41.11 0.29 0.00	48.01 0.19 0.00	49.97 0.20 0.00	47.39 0.28 0.00	49.05 0.29 0.00	48.15 0.43 0.00	46.96 0.28 0.00	46.89 0.23 0.00	46.44 0.14 0.00	47.59 0.24 0.00	51.67 0.26 0.00	60.09 0.24 0.00	66.36 0.13 0.00	64.70 0.06 0.00	50.40 0.10 0.00	42.99 0.04 0.00	41.47 0.33 0.00	39.12 0.61 0.00
CHAT_HIGH_FALL_HYD 323578	34.77 0.10 0.00	33.39 0.27 0.00	31.49 0.28 0.00	31.01 0.25 0.00	31.15 0.31 0.00	32.96 0.33 0.00	41.23 0.41 0.00	47.86 0.05 0.00	49.67 -0.10 0.00	47.06 -0.05 0.00	48.71 -0.05 0.00	47.77 0.05 0.00	46.63 -0.05 0.00	46.56 -0.09 0.00	46.11 -0.19 0.00	47.26 -0.09 0.00	51.36 -0.05 0.00	59.73 -0.12 0.00	65.97 -0.26 0.00	64.38 -0.26 0.00	50.20 -0.10 0.00	43.04 0.09 0.00	41.59 0.45 0.00	39.24 0.73 0.00
CHAUTAUQUA___LFGE 323629	34.21 -0.45 0.00	33.03 -0.10 0.00	30.74 -0.47 0.00	30.43 -0.34 0.00	30.63 -0.21 0.00	32.34 -0.29 0.00	40.37 -0.45 0.00	46.20 -1.24 0.37	50.18 -1.49 -1.91	49.33 -1.51 -3.73	51.24 -1.71 -4.19	50.05 -1.67 -4.00	46.61 -1.77 -1.71	46.79 -1.59 -1.72	46.15 -1.57 -1.43	47.37 -1.56 -1.58	50.73 -2.11 -1.43	62.48 -2.03 -4.67	70.01 -1.39 -5.17	68.14 -1.55 -5.06	52.46 -1.76 -3.92	42.53 -1.72 -1.30	41.70 -1.28 -1.84	39.93 0.04 -1.39
CHERRYST_13_KV_LD 356241	36.50 1.84 0.00	34.72 1.59 0.00	32.55 1.34 0.00	32.12 1.35 0.00	32.05 1.20 0.00	34.23 1.60 0.00	42.54 1.71 0.00	48.70 2.15 1.27	51.86 2.09 0.00	49.37 2.26 0.00	51.29 2.54 0.00	50.16 2.43 0.00	49.20 2.52 0.00	49.22 2.57 0.00	48.84 2.32 0.00	49.67 2.55 0.00	54.08 2.67 0.00	62.84 2.99 0.00	69.54 3.31 0.00	67.67 3.04 0.00	52.71 2.41 0.00	44.76 2.06 0.25	42.21 1.73 0.65	39.10 1.35 0.75

CHESTROR_138KV_BK263 355645	36.05 1.39 0.00	34.29 1.16 0.00	32.21 1.00 0.00	31.75 0.98 0.00	31.74 0.89 0.00	33.81 1.17 0.00	42.13 1.31 0.00	48.02 1.67 1.47	51.41 1.64 0.00	48.80 1.70 0.00	50.61 1.85 0.00	49.54 1.81 0.00	48.45 1.77 0.00	48.52 1.87 0.00	48.15 1.85 0.00	49.01 1.66 0.00	53.41 2.00 0.00	62.24 2.39 0.00	68.81 2.58 0.00	67.03 2.39 0.00	52.21 1.91 0.00	44.29 1.63 0.29	41.66 1.28 0.75	38.56 0.92 0.87
CH_MIDHUDSON___DRP 24192	36.09 1.42 0.00	34.35 1.23 0.00	32.27 1.06 0.00	31.84 1.08 0.00	31.80 0.96 0.00	33.81 1.17 0.00	42.09 1.27 0.00	48.17 1.58 1.23	51.36 1.59 0.00	48.80 1.70 0.00	50.61 1.85 0.00	49.49 1.77 0.00	48.49 1.82 0.00	48.57 1.91 0.00	48.15 1.85 0.00	49.05 1.70 0.00	53.36 1.95 0.00	62.12 2.27 0.00	68.68 2.45 0.00	66.96 2.33 0.00	52.16 1.86 0.00	44.30 1.59 0.24	41.78 1.28 0.63	38.70 0.92 0.73
CH_MISC_IPPS 23765	36.30 1.63 0.00	34.52 1.39 0.00	32.39 1.19 0.00	31.96 1.20 0.00	31.95 1.11 0.00	34.00 1.37 0.00	42.33 1.51 0.00	48.36 1.82 1.27	51.66 1.89 0.00	49.00 1.89 0.00	50.85 2.10 0.00	49.73 2.00 0.00	48.73 2.05 0.00	48.76 2.10 0.00	48.38 2.09 0.00	49.25 1.90 0.00	53.67 2.26 0.00	62.54 2.70 0.00	69.14 2.91 0.00	67.29 2.65 0.00	52.46 2.16 0.00	44.64 1.93 0.25	42.10 1.60 0.65	38.88 1.12 0.74
CH_RES_BVR_FALLS 23983	34.39 -0.28 0.00	32.90 -0.23 0.00	31.02 -0.19 0.00	30.61 -0.15 0.00	30.72 -0.12 0.00	32.50 -0.13 0.00	40.66 -0.16 0.00	47.63 -0.19 0.00	49.57 -0.20 0.00	46.97 -0.14 0.00	48.61 -0.15 0.00	47.63 -0.10 0.00	46.54 -0.14 0.00	46.52 -0.14 0.00	46.16 -0.14 0.00	47.21 -0.14 0.00	51.26 -0.15 0.00	59.61 -0.24 0.00	65.97 -0.26 0.00	64.44 -0.19 0.00	50.20 -0.10 0.00	42.86 -0.09 0.00	41.14 0.00 0.00	38.54 0.04 0.00
CH_RES_NIAGARA 23895	33.90 -0.76 0.00	32.86 -0.27 0.00	30.43 -0.78 0.00	30.03 -0.74 0.00	30.26 -0.59 0.00	31.46 -1.17 0.00	38.66 -2.16 0.00	44.05 -4.02 -0.25	47.83 -4.08 -2.14	47.42 -3.86 -4.18	49.21 -4.24 -4.69	48.10 -4.10 -4.48	44.86 -3.73 -1.92	44.94 -3.64 -1.93	43.64 -4.26 -1.61	45.66 -3.46 -1.77	48.81 -4.37 -1.77	60.33 -4.91 -5.39	67.43 -4.77 -5.97	65.49 -4.98 -5.83	50.82 -4.33 -4.85	40.96 -3.82 -1.84	41.17 -2.84 -2.87	39.51 -1.42 -2.42
CH_RES_SYRACUSE 23985	34.43 -0.24 0.00	32.90 -0.23 0.00	30.93 -0.28 0.00	30.52 -0.25 0.00	30.60 -0.25 0.00	32.37 -0.26 0.00	40.58 -0.24 0.00	45.03 -0.19 2.60	51.29 -0.10 -1.63	50.13 -0.14 -3.16	52.21 -0.10 -3.55	50.97 -0.14 -3.38	47.99 -0.14 -1.46	47.94 -0.14 -1.46	47.38 -0.14 -1.22	48.55 -0.14 -1.35	52.60 -0.15 -1.34	64.19 0.00 -4.34	71.11 0.07 -4.81	69.46 0.13 -4.69	53.94 0.00 -3.65	43.65 -0.13 -0.83	41.67 -0.16 -0.70	38.60 -0.08 -0.17
CLINTON_WT_PWR 323605	34.70 0.03 0.00	33.33 0.20 0.00	31.43 0.22 0.00	30.95 0.19 0.00	31.09 0.25 0.00	32.89 0.26 0.00	41.11 0.29 0.00	48.01 0.19 0.00	49.97 0.20 0.00	47.39 0.28 0.00	49.05 0.29 0.00	48.15 0.43 0.00	46.96 0.28 0.00	46.89 0.23 0.00	46.44 0.14 0.00	47.59 0.24 0.00	51.67 0.26 0.00	60.09 0.24 0.00	66.36 0.13 0.00	64.70 0.06 0.00	50.40 0.10 0.00	42.99 0.04 0.00	41.47 0.33 0.00	39.12 0.61 0.00
CLINTON___LFGE 323618	35.12 0.45 0.00	33.79 0.66 0.00	31.87 0.66 0.00	31.38 0.62 0.00	31.56 0.71 0.00	33.38 0.75 0.00	41.60 0.77 0.00	48.34 0.53 0.00	50.31 0.55 0.00	47.72 0.61 0.00	49.44 0.68 0.00	48.59 0.86 0.00	47.33 0.65 0.00	47.22 0.56 0.00	46.71 0.42 0.00	47.92 0.57 0.00	52.13 0.72 0.00	60.62 0.78 0.00	66.89 0.66 0.00	65.28 0.65 0.00	50.90 0.61 0.00	43.29 0.34 0.00	41.88 0.74 0.00	39.85 1.35 0.00
COBBLENY_34_KV_TB1 80064	34.08 -0.59 0.00	32.93 -0.20 0.00	30.52 -0.69 0.00	30.15 -0.62 0.00	30.38 -0.46 0.00	31.95 -0.69 0.00	39.88 -0.94 0.00	45.71 -1.67 0.43	49.82 -1.84 -1.89	49.20 -1.60 -3.69	51.00 -1.90 -4.15	49.87 -1.81 -3.95	46.59 -1.77 -1.69	46.68 -1.68 -1.70	46.14 -1.57 -1.42	47.44 -1.47 -1.56	50.81 -2.16 -1.56	62.25 -2.21 -4.62	69.63 -1.72 -5.12	67.70 -1.94 -5.00	52.57 -2.01 -4.28	42.52 -1.93 -1.51	42.22 -1.15 -2.24	40.26 -0.04 -1.79
COFFEEN___115KV_TB3 355620	35.53 0.87 0.00	34.02 0.89 0.00	32.24 1.03 0.00	31.54 0.77 0.00	31.74 0.89 0.00	33.74 1.11 0.00	42.50 1.67 0.00	50.38 1.91 -0.65	53.45 1.79 -1.89	51.96 1.18 -3.67	53.86 0.98 -4.12	52.85 1.19 -3.93	49.44 1.07 -1.69	49.20 0.84 -1.70	48.64 0.93 -1.42	50.33 1.42 -1.56	54.62 1.65 -1.56	67.18 2.27 -5.06	75.08 3.25 -5.60	73.46 3.36 -5.47	57.12 2.57 -4.26	47.05 2.41 -1.69	45.83 1.97 -2.71	42.58 1.69 -2.38
COLDSPRG_115KV_BK1 355956	34.32 -0.35 0.00	33.06 -0.07 0.00	30.71 -0.50 0.00	30.37 -0.40 0.00	30.66 -0.19 0.00	32.44 -0.20 0.00	40.74 -0.08 0.00	47.33 0.29 0.77	51.76 0.20 -1.80	50.80 0.19 -3.50	52.65 -0.05 -3.94	51.48 0.00 -3.76	48.14 -0.14 -1.61	48.18 -0.09 -1.61	47.69 0.05 -1.35	48.83 0.00 -1.48	52.53 -0.36 -1.48	64.14 0.00 -4.29	71.78 0.79 -4.76	69.87 0.58 -4.65	54.26 -0.10 -4.07	43.95 -0.39 -1.38	43.38 0.25 -2.00	41.10 1.04 -1.56
COLONIE_LFGE___ 323577	35.64 0.97 0.00	33.96 0.83 0.00	31.99 0.78 0.00	31.56 0.80 0.00	31.62 0.77 0.00	33.48 0.85 0.00	41.88 1.06 0.00	48.04 1.10 0.88	50.91 1.15 0.00	48.24 1.13 0.00	49.88 1.12 0.00	48.73 1.00 0.00	47.75 1.07 0.00	47.73 1.07 0.00	47.41 1.11 0.00	48.39 1.04 0.00	52.64 1.23 0.00	61.16 1.31 0.00	67.69 1.46 0.00	66.12 1.49 0.00	51.40 1.11 0.00	43.77 0.99 0.17	41.56 0.87 0.45	38.57 0.58 0.51
COOPERNY_115KV_TB1 80082	35.91 1.25 0.00	34.16 1.03 0.00	32.11 0.91 0.00	31.66 0.89 0.00	31.68 0.83 0.00	33.68 1.04 0.00	41.97 1.14 0.00	47.56 1.48 1.73	51.26 1.49 0.00	48.62 1.51 0.00	50.42 1.66 0.00	49.35 1.62 0.00	48.26 1.59 0.00	48.29 1.63 0.00	47.96 1.67 0.00	48.86 1.52 0.00	53.16 1.75 0.00	62.00 2.15 0.00	68.62 2.38 0.00	66.83 2.20 0.00	52.06 1.76 0.00	44.07 1.46 0.34	41.40 1.15 0.89	38.33 0.85 1.03
COPENHAGEN_WT_PWR 323753	35.26 0.59 0.00	33.73 0.60 0.00	31.93 0.72 0.00	31.29 0.52 0.00	31.49 0.65 0.00	33.41 0.78 0.00	42.05 1.22 0.00	49.98 1.43 -0.73	53.10 1.34 -1.99	51.76 0.80 -3.85	53.77 0.68 -4.33	52.72 0.86 -4.13	49.20 0.74 -1.78	49.01 0.56 -1.79	48.43 0.65 -1.49	50.08 1.09 -1.64	54.23 1.18 -1.64	66.83 1.67 -5.31	74.57 2.45 -5.88	72.96 2.59 -5.74	56.72 1.96 -4.46	46.58 1.85 -1.78	45.48 1.48 -2.87	42.30 1.27 -2.53
CORNELL_____ 23752	35.15 0.49 0.00	33.59 0.46 0.00	31.52 0.31 0.00	31.07 0.31 0.00	31.22 0.37 0.00	33.06 0.42 0.00	41.48 0.65 0.00	42.83 0.86 5.85	50.66 0.90 0.00	47.77 0.66 0.00	49.39 0.63 0.00	48.30 0.57 0.00	47.19 0.51 0.00	47.17 0.51 0.00	46.85 0.56 0.00	48.01 0.66 0.00	52.23 0.82 0.00	61.17 1.32 0.00	67.96 1.72 0.00	66.38 1.75 0.00	51.51 1.21 0.00	42.57 0.77 1.15	38.83 0.70 3.01	35.81 0.77 3.47

CORONA V_69_KV_TB1 355595	36.09 1.42 0.00	34.22 1.09 0.00	32.11 0.91 0.00	31.72 0.95 0.00	31.56 0.71 0.00	33.87 1.24 0.00	41.71 0.90 0.01	47.68 1.15 1.29	50.95 1.19 0.01	48.52 1.41 0.01	50.66 1.90 0.00	49.54 1.81 0.00	48.73 2.05 0.00	48.85 2.19 0.00	48.38 2.08 0.00	49.15 1.80 0.00	53.67 2.26 0.00	62.48 2.63 0.00	68.95 2.72 0.00	67.09 2.46 0.00	52.26 1.96 0.00	44.33 1.63 0.25	41.60 1.11 0.65	38.95 1.19 0.75
CORTLAND_115KV_TB3 80093	34.91 0.24 0.00	33.36 0.23 0.00	31.33 0.12 0.00	30.89 0.12 0.00	31.00 0.15 0.00	32.83 0.20 0.00	41.15 0.33 0.00	42.15 0.53 6.19	50.36 0.60 0.00	47.53 0.42 0.00	49.20 0.44 0.00	48.11 0.38 0.00	47.05 0.37 0.00	46.98 0.33 0.00	46.67 0.37 0.00	47.78 0.43 0.00	51.87 0.46 0.00	60.62 0.78 0.00	67.29 1.06 0.00	65.67 1.03 0.00	51.00 0.70 0.00	42.16 0.43 1.22	38.37 0.41 3.18	35.27 0.42 3.66
COXSACKIE___GT 23611	36.02 1.35 0.00	34.39 1.26 0.00	32.33 1.12 0.00	31.94 1.17 0.00	31.99 1.14 0.00	34.29 1.66 0.00	42.94 2.12 0.00	49.46 2.63 0.99	51.81 2.04 0.00	48.57 1.46 0.00	49.42 0.68 0.02	48.23 0.53 0.02	47.35 0.70 0.02	47.24 0.60 0.02	47.01 0.74 0.02	48.15 0.80 0.00	52.34 0.93 0.00	61.28 1.43 0.00	68.08 1.85 0.00	66.18 1.55 0.00	51.55 1.26 0.00	43.88 1.11 0.19	41.67 1.03 0.49	38.71 0.77 0.57
CPV_VALLEY___CC1 323721	35.98 1.32 0.00	34.22 1.09 0.00	32.14 0.94 0.00	31.69 0.92 0.00	31.71 0.86 0.00	33.71 1.08 0.00	42.05 1.22 0.00	47.66 1.43 1.59	51.26 1.49 0.00	48.57 1.46 0.00	50.42 1.66 0.00	49.30 1.57 0.00	48.26 1.59 0.00	48.29 1.63 0.00	47.92 1.62 0.00	48.82 1.47 0.00	53.16 1.75 0.00	61.94 2.09 0.00	68.48 2.25 0.00	66.70 2.07 0.00	51.95 1.66 0.00	44.15 1.50 0.31	41.57 1.23 0.81	38.42 0.85 0.93
CPV_VALLEY___CC2 323722	35.98 1.32 0.00	34.22 1.09 0.00	32.14 0.94 0.00	31.69 0.92 0.00	31.71 0.86 0.00	33.71 1.08 0.00	42.05 1.22 0.00	47.66 1.43 1.59	51.26 1.49 0.00	48.57 1.46 0.00	50.42 1.66 0.00	49.30 1.57 0.00	48.26 1.59 0.00	48.29 1.63 0.00	47.92 1.62 0.00	48.82 1.47 0.00	53.16 1.75 0.00	61.94 2.09 0.00	68.48 2.25 0.00	66.70 2.07 0.00	51.95 1.66 0.00	44.15 1.50 0.31	41.57 1.23 0.81	38.42 0.85 0.93
CRESCENT___HYD 24018	35.64 0.97 0.00	33.96 0.83 0.00	31.99 0.78 0.00	31.56 0.80 0.00	31.62 0.77 0.00	33.48 0.85 0.00	41.88 1.06 0.00	48.04 1.10 0.88	50.91 1.15 0.00	48.24 1.13 0.00	49.88 1.12 0.00	48.73 1.00 0.00	47.75 1.07 0.00	47.73 1.07 0.00	47.41 1.11 0.00	48.39 1.04 0.00	52.64 1.23 0.00	61.16 1.31 0.00	67.69 1.46 0.00	66.12 1.49 0.00	51.40 1.11 0.00	43.77 0.99 0.17	41.56 0.87 0.45	38.57 0.58 0.51
CRICKET___VALLEY_CC1 323756	35.81 1.14 0.00	34.06 0.93 0.00	31.99 0.78 0.00	31.56 0.80 0.00	31.56 0.71 0.00	33.51 0.88 0.00	41.72 0.90 0.00	47.62 0.96 1.15	50.76 0.99 0.00	48.14 1.04 0.00	49.88 1.12 0.00	48.77 1.05 0.00	47.89 1.21 0.00	47.87 1.21 0.00	47.50 1.20 0.00	48.35 1.00 0.00	52.64 1.23 0.00	61.16 1.31 0.00	67.56 1.32 0.00	65.93 1.29 0.00	51.35 1.06 0.00	43.76 1.03 0.22	41.42 0.87 0.59	38.30 0.46 0.67
CRICKET___VALLEY_CC2 323757	35.81 1.14 0.00	34.06 0.93 0.00	31.99 0.78 0.00	31.56 0.80 0.00	31.56 0.71 0.00	33.51 0.88 0.00	41.72 0.90 0.00	47.62 0.96 1.15	50.76 0.99 0.00	48.14 1.04 0.00	49.88 1.12 0.00	48.77 1.05 0.00	47.89 1.21 0.00	47.87 1.21 0.00	47.50 1.20 0.00	48.35 1.00 0.00	52.64 1.23 0.00	61.16 1.31 0.00	67.56 1.32 0.00	65.93 1.29 0.00	51.35 1.06 0.00	43.76 1.03 0.22	41.42 0.87 0.59	38.30 0.46 0.67
CRICKET___VALLEY_CC3 323758	35.81 1.14 0.00	34.06 0.93 0.00	31.99 0.78 0.00	31.56 0.80 0.00	31.56 0.71 0.00	33.51 0.88 0.00	41.72 0.90 0.00	47.62 0.96 1.15	50.76 0.99 0.00	48.14 1.04 0.00	49.88 1.12 0.00	48.77 1.05 0.00	47.89 1.21 0.00	47.87 1.21 0.00	47.50 1.20 0.00	48.35 1.00 0.00	52.64 1.23 0.00	61.16 1.31 0.00	67.56 1.32 0.00	65.93 1.29 0.00	51.35 1.06 0.00	43.76 1.03 0.22	41.42 0.87 0.59	38.30 0.46 0.67
CRUCIBLE_METL_DRP 24180	34.42 -0.24 0.00	32.90 -0.23 0.00	30.93 -0.28 0.00	30.49 -0.28 0.00	30.60 -0.25 0.00	32.37 -0.26 0.00	40.58 -0.24 0.00	45.03 -0.19 2.60	51.29 -0.10 -1.63	50.17 -0.09 -3.16	52.21 -0.10 -3.55	50.97 -0.14 -3.38	48.04 -0.09 -1.46	47.98 -0.14 -1.46	47.42 -0.09 -1.22	48.60 -0.09 -1.35	52.65 -0.10 -1.35	64.25 0.06 -4.34	71.17 0.13 -4.81	69.46 0.13 -4.69	53.96 0.00 -3.66	43.66 -0.13 -0.84	41.73 -0.12 -0.71	38.61 -0.08 -0.19
DAHOWA___HYDRO 323763	35.85 1.18 0.00	34.19 1.06 0.00	32.24 1.03 0.00	31.78 1.01 0.00	31.83 0.99 0.00	33.71 1.08 0.00	42.21 1.39 0.00	48.57 1.63 0.87	51.36 1.59 0.00	48.62 1.51 0.00	50.27 1.51 0.00	49.06 1.33 0.00	47.94 1.26 0.00	47.96 1.30 0.00	47.64 1.34 0.00	48.77 1.42 0.00	53.00 1.60 0.00	61.70 1.86 0.00	68.48 2.25 0.00	66.76 2.13 0.00	51.91 1.61 0.00	44.16 1.37 0.17	41.89 1.19 0.44	38.88 0.89 0.51
DANC___LFGE 323619	34.77 0.10 0.00	33.26 0.13 0.00	31.40 0.19 0.00	30.86 0.09 0.00	31.00 0.16 0.00	32.89 0.26 0.00	41.27 0.45 0.00	49.53 0.53 -1.19	52.82 0.55 -2.51	52.17 0.19 -4.87	54.33 0.10 -5.47	53.14 0.19 -5.22	49.06 0.14 -2.25	48.91 0.00 -2.26	48.23 0.05 -1.88	49.76 0.33 -2.08	53.84 0.36 -2.07	67.15 0.60 -6.71	74.79 1.12 -7.43	73.05 1.16 -7.25	56.79 0.85 -5.64	46.16 0.90 -2.30	45.55 0.66 -3.75	42.43 0.58 -3.35
DANSKAMMER___1 23586	36.30 1.63 0.00	34.52 1.39 0.00	32.39 1.19 0.00	31.96 1.20 0.00	31.95 1.11 0.00	34.00 1.37 0.00	42.33 1.51 0.00	48.36 1.82 1.27	51.66 1.89 0.00	49.00 1.89 0.00	50.85 2.10 0.00	49.73 2.00 0.00	48.73 2.05 0.00	48.76 2.10 0.00	48.38 2.09 0.00	49.25 1.90 0.00	53.67 2.26 0.00	62.54 2.70 0.00	69.14 2.91 0.00	67.29 2.65 0.00	52.46 2.16 0.00	44.64 1.93 0.25	42.10 1.60 0.65	38.88 1.12 0.74
DANSKAMMER___2 23589	36.30 1.63 0.00	34.52 1.39 0.00	32.39 1.19 0.00	31.96 1.20 0.00	31.95 1.11 0.00	34.00 1.37 0.00	42.33 1.51 0.00	48.36 1.82 1.27	51.66 1.89 0.00	49.00 1.89 0.00	50.85 2.10 0.00	49.73 2.00 0.00	48.73 2.05 0.00	48.76 2.10 0.00	48.38 2.09 0.00	49.25 1.90 0.00	53.67 2.26 0.00	62.54 2.70 0.00	69.14 2.91 0.00	67.29 2.65 0.00	52.46 2.16 0.00	44.64 1.93 0.25	42.10 1.60 0.65	38.88 1.12 0.74
DANSKAMMER___3 23590	36.30 1.63 0.00	34.52 1.39 0.00	32.39 1.19 0.00	31.96 1.20 0.00	31.95 1.11 0.00	34.00 1.37 0.00	42.33 1.51 0.00	48.36 1.82 1.27	51.66 1.89 0.00	49.00 1.89 0.00	50.85 2.10 0.00	49.73 2.00 0.00	48.73 2.05 0.00	48.76 2.10 0.00	48.38 2.09 0.00	49.25 1.90 0.00	53.67 2.26 0.00	62.54 2.70 0.00	69.14 2.91 0.00	67.29 2.65 0.00	52.46 2.16 0.00	44.64 1.93 0.25	42.10 1.60 0.65	38.88 1.12 0.74

DANSKAMMER___4 23591	36.30 1.63 0.00	34.52 1.39 0.00	32.39 1.19 0.00	31.96 1.20 0.00	31.95 1.11 0.00	34.00 1.37 0.00	42.33 1.51 0.00	48.36 1.82 1.27	51.66 1.89 0.00	49.00 1.89 0.00	50.85 2.10 0.00	49.73 2.00 0.00	48.73 2.05 0.00	48.76 2.10 0.00	48.38 2.09 0.00	49.25 1.90 0.00	53.67 2.26 0.00	62.54 2.70 0.00	69.14 2.91 0.00	67.29 2.65 0.00	52.46 2.16 0.00	44.64 1.93 0.25	42.10 1.60 0.65	38.88 1.12 0.74
DANSKAMMER___DIESEL 23592	36.30 1.63 0.00	34.52 1.39 0.00	32.39 1.19 0.00	31.97 1.20 0.00	31.96 1.11 0.00	34.00 1.37 0.00	42.33 1.51 0.00	48.46 1.91 1.27	51.71 1.94 0.00	49.13 2.03 0.00	50.95 2.19 0.00	49.87 2.15 0.00	48.82 2.15 0.00	48.90 2.24 0.00	48.52 2.22 0.00	49.39 2.04 0.00	53.77 2.36 0.00	62.66 2.81 0.00	69.34 3.11 0.00	67.48 2.84 0.00	52.56 2.26 0.00	44.63 1.93 0.25	42.01 1.52 0.65	38.87 1.12 0.75
DARBY___SOLAR 323810	35.78 1.11 0.00	34.12 0.99 0.00	32.18 0.97 0.00	31.72 0.95 0.00	31.77 0.92 0.00	33.64 1.01 0.00	42.13 1.31 0.00	48.43 1.48 0.87	51.26 1.49 0.00	48.48 1.37 0.00	50.17 1.41 0.00	48.96 1.24 0.00	47.89 1.21 0.00	47.87 1.21 0.00	47.55 1.25 0.00	48.67 1.32 0.00	52.90 1.49 0.00	61.58 1.74 0.00	68.29 2.06 0.00	66.64 2.01 0.00	51.76 1.46 0.00	44.03 1.25 0.17	41.81 1.11 0.44	38.80 0.81 0.51
DASHVILLE___HYD 23610	36.05 1.39 0.00	34.29 1.16 0.00	32.18 0.97 0.00	31.78 1.02 0.00	31.74 0.89 0.00	33.77 1.14 0.00	42.01 1.18 0.00	48.08 1.48 1.22	51.21 1.44 0.00	48.62 1.51 0.00	50.46 1.71 0.01	49.44 1.72 0.01	48.54 1.87 0.01	48.52 1.87 0.01	48.00 1.71 0.01	48.91 1.56 0.00	53.26 1.85 0.00	62.06 2.21 0.00	68.68 2.45 0.00	66.83 2.20 0.00	52.11 1.81 0.00	44.30 1.59 0.24	41.75 1.23 0.63	38.67 0.89 0.72
DELAWARE___LFGE 323621	35.50 0.83 0.00	33.86 0.73 0.00	31.93 0.72 0.00	31.44 0.68 0.00	31.52 0.68 0.00	33.35 0.72 0.00	41.72 0.90 0.00	45.28 1.15 3.68	50.49 1.14 0.42	47.38 1.08 0.81	48.97 1.12 0.91	47.95 1.10 0.87	47.37 1.07 0.38	47.35 1.07 0.38	47.09 1.11 0.31	48.09 1.09 0.35	52.24 1.18 0.35	60.23 1.44 1.06	66.72 1.66 1.17	65.04 1.55 1.14	50.56 1.21 0.94	42.95 1.07 1.07	39.58 0.86 2.42	36.57 0.69 2.62
DERFIELD_115KV_TB7 355931	34.77 0.10 0.00	33.20 0.07 0.00	31.30 0.09 0.00	30.86 0.09 0.00	30.94 0.09 0.00	32.73 0.10 0.00	40.95 0.12 0.00	48.01 0.19 0.00	49.96 0.20 0.00	47.25 0.14 0.00	48.90 0.15 0.00	47.87 0.14 0.00	46.81 0.14 0.00	46.80 0.14 0.00	46.48 0.19 0.00	47.54 0.19 0.00	51.61 0.21 0.00	60.09 0.24 0.00	66.50 0.26 0.00	64.89 0.26 0.00	50.50 0.20 0.00	43.12 0.17 0.00	41.26 0.12 0.00	38.58 0.08 0.00
DOGLEVILLE___HYD 23807	35.71 1.04 0.00	34.12 0.99 0.00	32.18 0.97 0.00	31.69 0.92 0.00	31.80 0.96 0.00	33.68 1.04 0.00	42.17 1.35 0.00	49.44 1.63 0.00	51.46 1.69 0.00	48.66 1.55 0.00	50.42 1.66 0.00	49.40 1.67 0.00	48.36 1.68 0.00	48.34 1.68 0.00	48.01 1.71 0.00	49.15 1.80 0.00	53.26 1.85 0.00	62.06 2.21 0.00	68.81 2.58 0.00	67.22 2.59 0.00	52.26 1.96 0.00	44.80 1.85 0.00	42.79 1.65 0.00	40.05 1.54 0.00
DUNKIRK___115KV_TB_200 55889	34.22 -0.45 0.00	33.03 -0.10 0.00	30.68 -0.53 0.00	30.30 -0.46 0.00	30.60 -0.25 0.00	32.24 -0.39 0.00	40.33 -0.49 0.00	46.08 -1.39 0.35	50.09 -1.59 -1.91	49.39 -1.46 -3.74	51.20 -1.76 -4.20	50.06 -1.67 -4.01	46.66 -1.73 -1.71	46.74 -1.63 -1.72	46.20 -1.53 -1.43	47.41 -1.52 -1.58	50.98 -2.00 -1.58	62.56 -1.97 -4.68	70.03 -1.39 -5.19	68.09 -1.62 -5.08	52.82 -1.81 -4.34	42.73 -1.76 -1.54	42.41 -1.03 -2.30	40.35 0.00 -1.85
DUNKIRK___1 23563	34.22 -0.45 0.00	33.03 -0.10 0.00	30.68 -0.53 0.00	30.30 -0.46 0.00	30.60 -0.25 0.00	32.24 -0.39 0.00	40.33 -0.49 0.00	46.08 -1.39 0.35	50.09 -1.59 -1.91	49.39 -1.46 -3.74	51.20 -1.76 -4.20	50.06 -1.67 -4.01	46.66 -1.73 -1.71	46.74 -1.63 -1.72	46.20 -1.53 -1.43	47.41 -1.52 -1.58	50.98 -2.00 -1.58	62.56 -1.97 -4.68	70.03 -1.39 -5.19	68.09 -1.62 -5.08	52.82 -1.81 -4.34	42.73 -1.76 -1.54	42.41 -1.03 -2.30	40.35 0.00 -1.85
DUNKIRK___2 23564	34.22 -0.45 0.00	33.03 -0.10 0.00	30.68 -0.53 0.00	30.30 -0.46 0.00	30.60 -0.25 0.00	32.24 -0.39 0.00	40.33 -0.49 0.00	46.08 -1.39 0.35	50.09 -1.59 -1.91	49.39 -1.46 -3.74	51.20 -1.76 -4.20	50.06 -1.67 -4.01	46.66 -1.73 -1.71	46.74 -1.63 -1.72	46.20 -1.53 -1.43	47.41 -1.52 -1.58	50.98 -2.00 -1.58	62.56 -1.97 -4.68	70.03 -1.39 -5.19	68.09 -1.62 -5.08	52.82 -1.81 -4.34	42.73 -1.76 -1.54	42.41 -1.03 -2.30	40.35 0.00 -1.85
DUNKIRK___3 23565	34.11 -0.55 0.00	32.93 -0.20 0.00	30.55 -0.66 0.00	30.18 -0.58 0.00	30.45 -0.40 0.00	32.08 -0.55 0.00	40.09 -0.73 0.00	45.99 -1.53 0.30	49.90 -1.79 -1.93	49.27 -1.60 -3.77	51.09 -1.90 -4.24	49.95 -1.81 -4.04	46.53 -1.87 -1.72	46.61 -1.77 -1.73	46.07 -1.67 -1.44	47.33 -1.61 -1.59	50.84 -2.16 -1.59	62.42 -2.15 -4.73	69.82 -1.66 -5.24	67.88 -1.87 -5.12	52.71 -1.96 -4.37	42.62 -1.89 -1.56	42.33 -1.15 -2.34	40.31 -0.08 -1.88
DUNKIRK___4 23566	34.11 -0.55 0.00	32.93 -0.20 0.00	30.55 -0.66 0.00	30.18 -0.58 0.00	30.45 -0.40 0.00	32.08 -0.55 0.00	40.09 -0.73 0.00	45.99 -1.53 0.30	49.90 -1.79 -1.93	49.27 -1.60 -3.77	51.09 -1.90 -4.24	49.95 -1.81 -4.04	46.53 -1.87 -1.72	46.61 -1.77 -1.73	46.07 -1.67 -1.44	47.33 -1.61 -1.59	50.84 -2.16 -1.59	62.42 -2.15 -4.73	69.82 -1.66 -5.24	67.88 -1.87 -5.12	52.71 -1.96 -4.37	42.62 -1.89 -1.56	42.33 -1.15 -2.34	40.31 -0.08 -1.88
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	36.26 1.59 0.00	34.45 1.33 0.00	32.33 1.12 0.00	31.90 1.14 0.00	31.86 1.02 0.00	33.97 1.34 0.00	42.25 1.43 0.00	48.32 1.77 1.27	51.51 1.74 0.00	49.04 1.93 0.00	50.90 2.15 0.00	49.83 2.10 0.00	48.82 2.15 0.00	48.85 2.19 0.00	48.47 2.18 0.00	49.29 1.94 0.00	53.67 2.26 0.00	62.42 2.57 0.00	69.01 2.78 0.00	67.22 2.59 0.00	52.41 2.11 0.00	44.50 1.80 0.25	41.93 1.44 0.65	38.83 1.08 0.75
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	36.19 1.53 0.00	34.42 1.29 0.00	32.30 1.09 0.00	31.87 1.11 0.00	31.86 1.02 0.00	33.90 1.27 0.00	42.25 1.43 0.00	48.27 1.82 1.37	51.61 1.84 0.00	48.95 1.84 0.00	50.80 2.05 0.00	49.73 2.00 0.00	48.68 2.01 0.00	48.71 2.05 0.00	48.33 2.04 0.00	49.20 1.85 0.00	53.62 2.21 0.00	62.48 2.63 0.00	69.15 2.91 0.00	67.35 2.71 0.00	52.46 2.16 0.00	44.49 1.80 0.27	41.88 1.44 0.70	38.74 1.04 0.81
E179THST_138_KV_TB4_REV_LBMP_J 345001	36.62 1.94 -0.01	34.79 1.66 -0.01	32.71 1.50 -0.01	32.31 1.54 -0.01	32.27 1.42 -0.01	34.26 1.63 0.00	42.05 1.22 0.00	47.98 1.43 1.27	51.06 1.29 0.00	48.66 1.55 0.00	50.56 1.80 0.00	49.44 1.72 0.00	48.50 1.82 0.00	48.57 1.91 0.00	48.19 1.90 0.00	49.01 1.66 0.00	53.26 1.85 0.00	61.87 2.03 0.01	68.41 2.19 0.01	66.63 2.00 0.01	51.95 1.66 0.01	44.29 1.59 0.25	41.93 1.44 0.65	39.10 1.35 0.75

E179THST_13_KV_LOAD 356214	36.75 2.08 -0.01	34.93 1.79 -0.01	32.84 1.62 -0.01	32.40 1.63 -0.01	32.37 1.51 -0.01	34.36 1.73 0.00	42.21 1.39 0.00	48.22 1.67 1.27	51.31 1.54 0.00	48.85 1.74 0.00	50.76 2.00 0.00	49.68 1.96 0.00	48.73 2.05 0.00	48.80 2.15 0.00	48.43 2.13 0.00	49.24 1.89 0.00	53.52 2.11 0.00	62.17 2.33 0.01	68.81 2.58 0.01	66.95 2.33 0.01	52.20 1.91 0.01	44.46 1.76 0.25	42.09 1.60 0.65	39.29 1.54 0.75
EAST HAMPTON___GT 23717	35.32 0.66 0.00	33.33 0.20 0.00	31.18 -0.03 0.00	30.83 0.06 0.00	30.66 -0.18 0.00	33.05 0.42 0.00	40.04 -0.78 0.01	45.58 -0.81 1.42	49.16 -0.59 0.01	46.87 -0.23 0.01	49.25 0.49 0.00	48.06 0.34 0.00	47.33 0.65 0.00	47.45 0.79 0.00	46.99 0.70 0.00	47.64 0.29 0.00	52.18 0.77 0.00	60.68 0.84 0.00	66.70 0.47 0.00	64.96 0.32 0.00	50.70 0.40 0.00	43.13 0.43 0.25	40.82 0.33 0.64	38.38 0.61 0.74
EAST RIVER___6 23660	36.50 1.84 0.00	34.72 1.59 0.00	32.55 1.34 0.00	32.09 1.32 0.00	32.08 1.24 0.00	34.20 1.57 0.00	42.54 1.71 0.00	48.60 2.05 1.27	51.86 2.09 0.00	49.28 2.17 0.00	51.19 2.44 0.00	50.11 2.39 0.00	49.15 2.47 0.00	49.18 2.52 0.00	48.79 2.50 0.00	49.62 2.27 0.00	54.03 2.62 0.00	62.72 2.87 0.00	69.34 3.11 0.00	67.41 2.78 0.00	52.66 2.36 0.00	44.85 2.15 0.25	42.39 1.89 0.65	39.15 1.38 0.74
EAST RIVER___7 23524	36.50 1.84 0.00	34.72 1.59 0.00	32.55 1.34 0.00	32.09 1.32 0.00	32.08 1.24 0.00	34.20 1.57 0.00	42.54 1.71 0.00	48.60 2.05 1.27	51.86 2.09 0.00	49.28 2.17 0.00	51.19 2.44 0.00	50.11 2.39 0.00	49.15 2.47 0.00	49.18 2.52 0.00	48.79 2.50 0.00	49.62 2.27 0.00	54.03 2.62 0.00	62.72 2.87 0.00	69.34 3.11 0.00	67.41 2.78 0.00	52.66 2.36 0.00	44.85 2.15 0.25	42.39 1.89 0.65	39.15 1.38 0.74
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	36.23 1.56 0.00	34.45 1.33 0.00	32.33 1.12 0.00	31.90 1.14 0.00	31.86 1.02 0.00	33.94 1.31 0.00	42.21 1.39 0.00	48.26 1.72 1.28	51.46 1.69 0.00	48.95 1.84 0.00	50.85 2.10 0.00	49.78 2.05 0.00	48.73 2.05 0.00	48.80 2.15 0.00	48.38 2.08 0.00	49.24 1.89 0.00	53.57 2.16 0.00	62.36 2.51 0.00	68.95 2.72 0.00	67.16 2.52 0.00	52.31 2.01 0.00	44.42 1.72 0.25	41.88 1.40 0.66	38.79 1.04 0.76
EAST_HAMPTON___DIESEL 23722	35.26 0.59 0.00	33.23 0.10 0.00	31.12 -0.09 0.00	30.77 0.00 0.00	30.60 -0.25 0.00	32.99 0.36 0.00	39.92 -0.90 0.01	45.44 -0.96 1.42	49.01 -0.75 0.01	46.77 -0.33 0.01	49.15 0.39 0.00	47.92 0.19 0.00	47.19 0.51 0.00	47.36 0.70 0.00	46.85 0.56 0.00	47.49 0.14 0.00	52.03 0.62 0.00	60.51 0.66 0.00	66.50 0.27 0.00	64.76 0.13 0.00	50.60 0.30 0.00	43.05 0.34 0.25	40.70 0.21 0.64	38.30 0.54 0.74
EAST_POINT___SOLAR 323840	35.95 1.28 0.00	34.29 1.16 0.00	32.36 1.16 0.00	31.87 1.11 0.00	32.02 1.17 0.00	33.97 1.34 0.00	42.66 1.84 0.00	48.93 2.34 1.23	51.70 1.94 0.00	48.19 1.08 0.00	49.39 0.63 0.00	48.54 0.81 0.00	47.66 0.98 0.00	47.78 1.12 0.00	47.59 1.29 0.00	49.05 1.70 0.00	53.26 1.85 0.00	62.30 2.45 0.00	69.41 3.18 0.00	67.61 2.97 0.00	52.46 2.16 0.00	44.65 1.93 0.24	42.08 1.56 0.63	38.98 1.19 0.72
EAST_PULASKI___ESR 323781	34.35 -0.31 0.00	32.83 -0.30 0.00	30.93 -0.28 0.00	30.46 -0.31 0.00	30.57 -0.28 0.00	32.37 -0.26 0.00	40.58 -0.24 0.00	49.83 -0.33 -2.35	52.80 -0.35 -3.38	53.20 -0.47 -6.56	55.59 -0.54 -7.37	54.28 -0.48 -7.03	49.19 -0.51 -3.03	49.14 -0.56 -3.04	48.32 -0.51 -2.54	49.77 -0.38 -2.80	53.74 -0.46 -2.79	68.47 -0.42 -9.04	76.05 -0.20 -10.01	74.28 -0.13 -9.77	57.69 -0.20 -7.60	46.12 -0.09 -3.25	46.38 -0.20 -5.44	43.30 -0.15 -4.95
EAST_RIVER___1 323558	36.43 1.77 0.00	34.62 1.49 0.00	32.46 1.25 0.00	32.03 1.26 0.00	31.99 1.14 0.00	34.10 1.47 0.00	42.41 1.59 0.00	48.41 1.86 1.27	51.66 1.89 0.00	49.04 1.93 0.00	50.95 2.20 0.00	49.88 2.15 0.00	48.87 2.19 0.00	48.90 2.24 0.00	48.52 2.22 0.00	49.38 2.03 0.00	53.72 2.32 0.00	62.48 2.63 0.00	69.08 2.85 0.00	67.22 2.59 0.00	52.41 2.11 0.00	44.68 1.98 0.25	42.22 1.73 0.65	38.99 1.23 0.74
EAST_RIVER___2 323559	36.50 1.84 0.00	34.72 1.59 0.00	32.55 1.34 0.00	32.09 1.32 0.00	32.08 1.24 0.00	34.20 1.57 0.00	42.54 1.71 0.00	48.60 2.05 1.27	51.86 2.09 0.00	49.28 2.17 0.00	51.19 2.44 0.00	50.11 2.39 0.00	49.15 2.47 0.00	49.18 2.52 0.00	48.79 2.50 0.00	49.62 2.27 0.00	54.03 2.62 0.00	62.72 2.87 0.00	69.34 3.11 0.00	67.41 2.78 0.00	52.66 2.36 0.00	44.85 2.15 0.25	42.39 1.89 0.65	39.15 1.38 0.74
EAST___DELAWARE_HYD 23607	36.50 1.84 0.00	34.72 1.59 0.00	32.55 1.34 0.00	32.09 1.32 0.00	32.11 1.27 0.00	34.17 1.53 0.00	42.62 1.79 0.00	48.62 2.25 1.45	52.15 2.39 0.00	49.28 2.17 0.00	51.14 2.39 0.00	49.97 2.24 0.00	48.96 2.29 0.00	48.99 2.33 0.00	48.61 2.31 0.00	49.58 2.23 0.00	54.08 2.67 0.00	63.20 3.35 0.00	70.00 3.77 0.00	68.06 3.42 0.00	53.06 2.76 0.00	45.07 2.40 0.28	42.42 2.02 0.73	39.12 1.46 0.84
EIGHT_POINT___WT_PWR 323820	34.35 -0.31 0.00	33.06 -0.07 0.00	30.80 -0.41 0.00	30.46 -0.31 0.00	30.60 -0.25 0.00	32.37 -0.26 0.00	40.49 -0.33 0.00	44.91 -0.52 2.38	49.78 -0.95 -0.96	47.80 -1.18 -1.86	49.25 -1.61 -2.10	47.96 -1.76 -2.00	45.71 -1.82 -0.86	45.89 -1.63 -0.86	45.39 -1.62 -0.72	46.67 -1.47 -0.79	50.52 -1.65 -0.76	61.35 -0.96 -2.46	68.82 -0.13 -2.72	67.04 -0.26 -2.66	51.76 -0.60 -2.07	42.33 -0.82 -0.19	40.20 -0.62 0.33	38.11 0.35 0.74
ELBRIDGE_115KV_TB2 80188	34.29 -0.38 0.00	32.80 -0.33 0.00	30.80 -0.41 0.00	30.40 -0.37 0.00	30.48 -0.37 0.00	32.24 -0.39 0.00	40.41 -0.41 0.00	44.24 -0.43 3.15	50.88 -0.35 -1.46	49.57 -0.38 -2.84	51.56 -0.39 -3.19	50.34 -0.43 -3.05	47.57 -0.42 -1.31	47.56 -0.42 -1.32	46.98 -0.42 -1.10	48.18 -0.38 -1.21	52.21 -0.41 -1.21	63.45 -0.30 -3.90	70.29 -0.26 -4.32	68.66 -0.19 -4.22	53.29 -0.30 -3.30	43.16 -0.39 -0.59	40.99 -0.37 -0.22	37.92 -0.27 0.31
ELEC_TRO_TEK 24086	35.91 1.25 0.00	34.06 0.93 0.00	31.96 0.75 0.00	31.57 0.80 0.00	31.40 0.56 0.00	33.71 1.08 0.00	41.55 0.73 0.01	47.46 0.96 1.31	50.70 0.95 0.01	48.28 1.18 0.01	50.42 1.66 0.00	49.25 1.53 0.00	48.45 1.77 0.00	48.57 1.91 0.00	48.15 1.85 0.00	48.86 1.52 0.00	53.36 1.95 0.00	62.12 2.27 0.00	68.48 2.25 0.00	66.70 2.07 0.00	51.96 1.66 0.00	44.03 1.33 0.25	41.39 0.91 0.65	38.76 1.00 0.75
ELLENBURG_WT_PWR 323604	34.70 0.03 0.00	33.33 0.20 0.00	31.43 0.22 0.00	30.95 0.19 0.00	31.09 0.25 0.00	32.89 0.26 0.00	41.11 0.29 0.00	48.01 0.19 0.00	49.97 0.20 0.00	47.39 0.28 0.00	49.05 0.29 0.00	48.15 0.43 0.00	46.96 0.28 0.00	46.89 0.23 0.00	46.44 0.14 0.00	47.59 0.24 0.00	51.67 0.26 0.00	60.09 0.24 0.00	66.36 0.13 0.00	64.70 0.06 0.00	50.40 0.10 0.00	42.99 0.04 0.00	41.47 0.33 0.00	39.12 0.61 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	34.01 -0.66 0.00	32.90 -0.23 0.00	30.49 -0.72 0.00	30.12 -0.65 0.00	30.35 -0.49 0.00	31.85 -0.78 0.00	39.64 -1.18 0.00	45.31 -2.53 -0.02	49.07 -2.74 -2.05	48.66 -2.45 -4.00	50.53 -2.73 -4.50	49.39 -2.62 -4.29	45.93 -2.57 -1.83	46.02 -2.47 -1.83	45.37 -2.45 -1.53	46.72 -2.32 -1.69	50.01 -3.08 -1.69	61.67 -3.29 -5.11	68.92 -2.98 -5.67	67.01 -3.17 -5.54	51.97 -2.97 -4.64	41.96 -2.71 -1.71	41.98 -1.81 -2.65	40.09 -0.58 -2.17
EMPIRE_CC_1 323656	35.50 0.83 0.00	33.83 0.70 0.00	31.87 0.66 0.00	31.44 0.68 0.00	31.49 0.65 0.00	33.38 0.75 0.00	41.72 0.90 0.00	47.73 0.86 0.95	50.61 0.85 0.00	47.96 0.85 0.00	49.54 0.78 0.00	48.44 0.72 0.00	47.52 0.84 0.00	47.45 0.79 0.00	47.13 0.83 0.00	48.11 0.76 0.00	52.28 0.87 0.00	60.75 0.90 0.00	67.16 0.93 0.00	65.61 0.97 0.00	51.05 0.76 0.00	43.50 0.73 0.18	41.28 0.62 0.48	38.30 0.35 0.55
EMPIRE_CC_2 323658	35.50 0.83 0.00	33.83 0.70 0.00	31.87 0.66 0.00	31.44 0.68 0.00	31.49 0.65 0.00	33.38 0.75 0.00	41.72 0.90 0.00	47.73 0.86 0.95	50.61 0.85 0.00	47.96 0.85 0.00	49.54 0.78 0.00	48.44 0.72 0.00	47.52 0.84 0.00	47.45 0.79 0.00	47.13 0.83 0.00	48.11 0.76 0.00	52.28 0.87 0.00	60.75 0.90 0.00	67.16 0.93 0.00	65.61 0.97 0.00	51.05 0.76 0.00	43.50 0.73 0.18	41.28 0.62 0.48	38.30 0.35 0.55
ENORWICH_115KV_TB1 80156	36.23 1.56 0.00	34.62 1.49 0.00	32.55 1.34 0.00	31.94 1.17 0.00	32.14 1.30 0.00	34.13 1.50 0.00	42.99 2.16 0.00	45.40 2.68 5.09	52.50 2.74 0.00	49.28 2.17 0.00	50.76 2.00 0.00	49.78 2.05 0.00	48.64 1.96 0.00	48.52 1.87 0.00	48.24 1.94 0.00	49.76 2.41 0.00	54.13 2.72 0.00	63.56 3.71 0.00	70.94 4.70 0.00	69.29 4.65 0.00	53.72 3.42 0.00	44.74 2.79 1.00	40.91 2.39 2.62	37.72 2.23 3.01
ERIE_ST__34_KV_TB1-2 80199	33.94 -0.73 0.00	32.73 -0.40 0.00	30.37 -0.84 0.00	29.97 -0.80 0.00	30.23 -0.62 0.00	31.82 -0.82 0.00	39.80 -1.02 0.00	46.63 -0.91 0.28	50.61 -1.09 -1.94	50.04 -0.85 -3.78	51.93 -1.07 -4.25	50.77 -1.00 -4.05	47.38 -1.03 -1.73	47.46 -0.93 -1.74	46.96 -0.79 -1.45	48.24 -0.71 -1.60	51.67 -1.34 -1.60	63.41 -1.20 -4.76	70.84 -0.66 -5.28	68.90 -0.90 -5.17	53.42 -1.26 -4.38	43.23 -1.29 -1.57	43.00 -0.49 -2.35	41.00 0.58 -1.91
ERIE_WT_PWR 323693	34.08 -0.59 0.00	32.96 -0.16 0.00	30.58 -0.62 0.00	30.27 -0.49 0.00	30.38 -0.46 0.00	32.01 -0.62 0.00	39.84 -0.98 0.00	45.68 -1.91 0.22	49.64 -2.09 -1.96	48.95 -1.98 -3.82	50.86 -2.19 -4.30	49.68 -2.15 -4.10	46.24 -2.19 -1.75	46.46 -1.96 -1.76	45.82 -1.94 -1.47	47.07 -1.90 -1.62	50.27 -2.62 -1.48	61.94 -2.75 -4.85	69.42 -2.18 -5.37	67.49 -2.39 -5.25	52.00 -2.36 -4.07	42.23 -2.10 -1.38	41.45 -1.69 -2.00	39.91 -0.15 -1.56
ESPRGFLD_115KV_TB1 80157	35.43 0.76 0.00	33.79 0.66 0.00	31.90 0.69 0.00	31.38 0.62 0.00	31.49 0.65 0.00	33.38 0.75 0.00	41.88 1.06 0.00	47.38 1.43 1.88	51.06 1.29 0.00	48.00 0.90 0.00	49.59 0.83 0.00	48.58 0.86 0.00	47.56 0.89 0.00	47.54 0.89 0.00	47.27 0.97 0.00	48.53 1.18 0.00	52.64 1.23 0.00	61.58 1.74 0.00	68.42 2.19 0.00	66.64 2.00 0.00	51.76 1.46 0.00	43.91 1.33 0.37	41.16 0.99 0.96	38.13 0.73 1.11
ETNA_115_KV_TB1_REV_LBMP_C 345029	35.08 0.42 0.00	33.56 0.43 0.00	31.49 0.28 0.00	31.04 0.28 0.00	31.19 0.34 0.00	32.99 0.36 0.00	41.39 0.57 0.00	42.65 0.81 5.98	50.61 0.85 0.00	47.72 0.61 0.00	49.34 0.59 0.00	48.25 0.52 0.00	47.14 0.47 0.00	47.12 0.47 0.00	46.81 0.51 0.00	47.97 0.62 0.00	52.13 0.72 0.00	61.05 1.20 0.00	67.82 1.59 0.00	66.19 1.55 0.00	51.40 1.11 0.00	42.51 0.73 1.17	38.72 0.66 3.07	35.66 0.69 3.54
ETNA____115KV_TB2 80207	35.08 0.42 0.00	33.56 0.43 0.00	31.49 0.28 0.00	31.04 0.28 0.00	31.19 0.34 0.00	32.99 0.36 0.00	41.39 0.57 0.00	42.65 0.81 5.98	50.61 0.85 0.00	47.72 0.61 0.00	49.34 0.59 0.00	48.25 0.52 0.00	47.14 0.47 0.00	47.12 0.47 0.00	46.81 0.51 0.00	47.97 0.62 0.00	52.13 0.72 0.00	61.05 1.20 0.00	67.82 1.59 0.00	66.19 1.55 0.00	51.40 1.11 0.00	42.51 0.73 1.17	38.72 0.66 3.07	35.66 0.69 3.54
EUCLID__115KV_TB2 356179	34.11 -0.55 0.00	32.60 -0.53 0.00	30.65 -0.56 0.00	30.24 -0.52 0.00	30.32 -0.52 0.00	32.08 -0.55 0.00	40.17 -0.65 0.00	45.76 -0.62 1.43	51.05 -0.55 -1.83	50.10 -0.57 -3.56	52.22 -0.54 -3.99	50.96 -0.57 -3.81	47.76 -0.56 -1.64	47.75 -0.56 -1.65	47.16 -0.51 -1.38	48.39 -0.47 -1.52	52.36 -0.57 -1.52	64.20 -0.54 -4.89	71.12 -0.53 -5.42	69.40 -0.52 -5.29	53.92 -0.50 -4.13	43.67 -0.52 -1.24	42.26 -0.45 -1.57	39.21 -0.39 -1.09
E_CANADA_CAP_HY 24051	35.40 0.73 0.00	33.76 0.63 0.00	31.87 0.66 0.00	31.38 0.62 0.00	31.52 0.68 0.00	33.41 0.78 0.00	41.93 1.10 0.00	47.84 1.43 1.41	50.91 1.15 0.00	47.68 0.57 0.00	49.05 0.29 0.00	48.01 0.29 0.00	47.09 0.42 0.00	47.12 0.47 0.00	46.90 0.60 0.00	48.25 0.90 0.00	52.34 0.93 0.00	61.22 1.38 0.00	68.08 1.85 0.00	66.38 1.75 0.00	51.50 1.21 0.00	43.92 1.25 0.27	41.33 0.90 0.71	38.30 0.61 0.82
E_CANADA_MHWK_HY 24050	35.71 1.04 0.00	34.12 0.99 0.00	32.18 0.97 0.00	31.69 0.92 0.00	31.80 0.96 0.00	33.68 1.04 0.00	42.17 1.35 0.00	49.44 1.63 0.00	51.46 1.69 0.00	48.66 1.55 0.00	50.36 1.61 0.00	49.35 1.62 0.00	48.31 1.63 0.00	48.29 1.63 0.00	47.96 1.66 0.00	49.10 1.75 0.00	53.26 1.85 0.00	62.06 2.22 0.00	68.75 2.52 0.00	67.15 2.52 0.00	52.26 1.96 0.00	44.80 1.85 0.00	42.79 1.65 0.00	40.05 1.54 0.00
E_FISHKILL__LBMP 23776	35.98 1.32 0.00	34.22 1.09 0.00	32.18 0.97 0.00	31.75 0.98 0.00	31.71 0.86 0.00	33.74 1.11 0.00	41.97 1.14 0.00	48.02 1.39 1.18	51.11 1.34 0.00	48.57 1.46 0.00	50.42 1.66 0.00	49.30 1.57 0.00	48.31 1.63 0.00	48.38 1.73 0.00	47.96 1.67 0.00	48.86 1.52 0.00	53.11 1.70 0.00	61.82 1.97 0.00	68.28 2.05 0.00	66.57 1.94 0.00	51.91 1.61 0.00	44.09 1.37 0.23	41.64 1.11 0.61	38.57 0.77 0.70
FALCON__SEABRD_CC1 323796	35.08 0.42 0.00	33.76 0.63 0.00	31.87 0.66 0.00	31.38 0.62 0.00	31.56 0.71 0.00	33.38 0.75 0.00	41.35 0.53 0.00	47.91 0.10 0.00	49.97 0.20 0.00	47.39 0.28 0.00	49.10 0.34 0.00	48.25 0.53 0.00	47.00 0.33 0.00	46.89 0.23 0.00	46.39 0.09 0.00	47.59 0.24 0.00	51.72 0.31 0.00	60.09 0.24 0.00	66.23 0.00 0.00	64.63 0.00 0.00	50.40 0.10 0.00	42.91 -0.04 0.00	41.64 0.50 0.00	39.89 1.38 0.00
FALCON__SEABRD_CC2 323797	35.08 0.42 0.00	33.76 0.63 0.00	31.87 0.66 0.00	31.38 0.62 0.00	31.56 0.71 0.00	33.38 0.75 0.00	41.35 0.53 0.00	47.91 0.10 0.00	49.97 0.20 0.00	47.39 0.28 0.00	49.10 0.34 0.00	48.25 0.53 0.00	47.00 0.33 0.00	46.89 0.23 0.00	46.39 0.09 0.00	47.59 0.24 0.00	51.72 0.31 0.00	60.09 0.24 0.00	66.23 0.00 0.00	64.63 0.00 0.00	50.40 0.10 0.00	42.91 -0.04 0.00	41.64 0.50 0.00	39.89 1.38 0.00

FAR ROCKAWAY___4 23548	36.30 1.63 0.00	34.39 1.26 0.00	32.27 1.06 0.00	31.87 1.11 0.00	31.68 0.83 0.00	34.03 1.40 0.00	41.92 1.10 0.01	47.96 1.43 1.29	51.25 1.49 0.01	48.80 1.70 0.01	51.05 2.29 0.00	49.92 2.20 0.00	49.10 2.43 0.00	49.27 2.61 0.00	48.80 2.50 0.00	49.53 2.18 0.00	54.08 2.67 0.00	63.02 3.17 0.00	69.48 3.25 0.00	67.61 2.97 0.00	52.66 2.36 0.00	44.63 1.93 0.25	41.85 1.36 0.65	39.18 1.42 0.75
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	36.40 1.73 0.00	34.62 1.49 0.00	32.46 1.25 0.00	32.03 1.26 0.00	31.99 1.14 0.00	34.10 1.47 0.00	42.37 1.55 0.00	48.51 1.96 1.27	51.66 1.89 0.00	49.13 2.03 0.00	51.05 2.29 0.00	49.97 2.24 0.00	48.96 2.29 0.00	49.04 2.38 0.00	48.66 2.36 0.00	49.48 2.13 0.00	53.83 2.42 0.00	62.60 2.75 0.00	69.28 3.05 0.00	67.41 2.78 0.00	52.56 2.26 0.00	44.63 1.93 0.25	42.09 1.60 0.65	38.99 1.23 0.75
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	36.43 1.77 0.00	34.62 1.49 0.00	32.46 1.25 0.00	32.03 1.26 0.00	31.99 1.14 0.00	34.13 1.50 0.00	42.37 1.55 0.00	48.51 1.96 1.27	51.66 1.89 0.00	49.18 2.07 0.00	51.05 2.29 0.00	49.97 2.24 0.00	48.96 2.29 0.00	49.04 2.38 0.00	48.66 2.36 0.00	49.48 2.13 0.00	53.83 2.42 0.00	62.60 2.75 0.00	69.28 3.05 0.00	67.41 2.78 0.00	52.56 2.26 0.00	44.68 1.98 0.25	42.09 1.60 0.65	38.99 1.23 0.75
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	36.40 1.73 0.00	34.59 1.46 0.00	32.46 1.25 0.00	32.03 1.26 0.00	31.96 1.11 0.00	34.10 1.47 0.00	42.37 1.55 0.00	48.46 1.91 1.27	51.66 1.89 0.00	49.13 2.03 0.00	51.05 2.29 0.00	49.97 2.24 0.00	48.96 2.29 0.00	48.99 2.33 0.00	48.61 2.31 0.00	49.43 2.08 0.00	53.83 2.42 0.00	62.60 2.75 0.00	69.21 2.98 0.00	67.35 2.71 0.00	52.51 2.21 0.00	44.63 1.93 0.25	42.05 1.56 0.65	38.95 1.19 0.75
FARRAGUT___LBMP 323566	36.37 1.70 0.00	34.59 1.46 0.00	32.43 1.22 0.00	32.00 1.23 0.00	31.96 1.11 0.00	34.10 1.47 0.00	42.33 1.51 0.00	48.46 1.91 1.27	51.61 1.84 0.00	49.09 1.98 0.00	51.00 2.24 0.00	49.92 2.20 0.00	48.92 2.24 0.00	48.94 2.29 0.00	48.56 2.27 0.00	49.39 2.04 0.00	53.77 2.36 0.00	62.54 2.69 0.00	69.15 2.91 0.00	67.35 2.71 0.00	52.46 2.16 0.00	44.59 1.89 0.25	42.05 1.56 0.65	38.95 1.19 0.75
FENNER___WINDPWR 24204	35.12 0.45 0.00	33.59 0.46 0.00	31.65 0.44 0.00	31.14 0.37 0.00	31.25 0.40 0.00	33.12 0.49 0.00	41.56 0.74 0.00	44.15 0.91 4.57	50.76 0.99 0.00	47.86 0.75 0.00	49.49 0.73 0.00	48.49 0.76 0.00	47.38 0.70 0.00	47.31 0.65 0.00	46.99 0.70 0.00	48.15 0.80 0.00	52.28 0.87 0.00	61.04 1.20 0.00	67.76 1.52 0.00	66.18 1.55 0.00	51.40 1.11 0.00	43.00 0.94 0.90	39.58 0.78 2.34	36.54 0.73 2.70
FIBERTEK___ENERGY 23856	34.42 -0.24 0.00	32.90 -0.23 0.00	30.93 -0.28 0.00	30.49 -0.28 0.00	30.60 -0.25 0.00	32.37 -0.26 0.00	40.58 -0.24 0.00	45.03 -0.19 2.60	51.29 -0.10 -1.63	50.17 -0.09 -3.16	52.21 -0.10 -3.55	50.97 -0.14 -3.38	48.04 -0.09 -1.46	47.98 -0.14 -1.46	47.42 -0.09 -1.22	48.60 -0.09 -1.35	52.65 -0.10 -1.35	64.25 0.06 -4.34	71.17 0.13 -4.81	69.46 0.13 -4.69	53.96 0.00 -3.66	43.66 -0.13 -0.84	41.73 -0.12 -0.71	38.61 -0.08 -0.19
FITZPATRICK___ 23598	33.66 -1.01 0.00	32.17 -0.96 0.00	30.27 -0.94 0.00	29.84 -0.92 0.00	29.95 -0.90 0.00	31.65 -0.98 0.00	39.64 -1.19 0.00	21.93 -1.29 24.60	26.70 -1.29 21.77	3.57 -1.27 42.27	0.00 -1.27 47.49	1.14 -1.29 45.30	25.90 -1.26 19.52	25.82 -1.26 19.58	28.70 -1.25 16.35	28.10 -1.23 18.02	32.00 -1.39 18.02	0.00 -1.49 58.35	0.00 -1.59 64.64	0.00 -1.55 63.08	0.00 -1.26 49.04	18.98 -1.12 22.85	0.00 -1.11 40.03	0.00 -0.92 37.58
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	36.33 1.66 0.00	34.55 1.42 0.00	32.43 1.22 0.00	32.00 1.23 0.00	31.99 1.14 0.00	34.03 1.40 0.00	42.37 1.55 0.00	48.52 1.96 1.26	51.76 1.99 0.00	49.18 2.07 0.00	51.00 2.24 0.00	49.92 2.20 0.00	48.91 2.24 0.00	48.94 2.29 0.00	48.56 2.27 0.00	49.43 2.08 0.00	53.83 2.42 0.00	62.72 2.87 0.00	69.41 3.18 0.00	67.54 2.91 0.00	52.61 2.31 0.00	44.68 1.98 0.25	42.06 1.56 0.65	38.92 1.16 0.74
FORT ORANGE___ 23900	35.12 0.45 0.00	33.53 0.40 0.00	31.61 0.40 0.00	31.20 0.43 0.00	31.25 0.40 0.00	32.96 0.33 0.00	41.15 0.33 0.00	46.82 -0.10 0.90	49.42 -0.35 0.00	46.78 -0.33 0.00	48.27 -0.49 0.00	47.16 -0.57 0.00	46.21 -0.47 0.00	46.19 -0.47 0.00	45.92 -0.37 0.00	46.83 -0.52 0.00	51.10 -0.31 0.00	59.37 -0.48 0.00	65.63 -0.60 0.00	64.05 -0.58 0.00	49.95 -0.35 0.00	42.56 -0.21 0.18	40.47 -0.20 0.46	37.82 -0.15 0.53
FORT_DRUM_COGEN 23780	35.33 0.66 0.00	33.82 0.70 0.00	32.05 0.84 0.00	31.38 0.62 0.00	31.59 0.74 0.00	33.55 0.91 0.00	42.25 1.43 0.00	49.95 1.58 -0.55	53.04 1.49 -1.78	51.51 0.94 -3.46	53.42 0.78 -3.88	52.48 1.05 -3.70	49.20 0.93 -1.60	48.96 0.70 -1.60	48.42 0.79 -1.34	50.05 1.23 -1.47	54.27 1.39 -1.47	66.46 1.86 -4.76	74.22 2.72 -5.27	72.63 2.84 -5.15	56.47 2.16 -4.01	46.59 2.06 -1.58	45.35 1.69 -2.52	42.14 1.42 -2.21
FOX_HILLS___ESR 323835	36.62 1.94 -0.01	34.83 1.69 -0.01	32.56 1.34 -0.01	32.10 1.32 -0.01	32.06 1.20 -0.01	34.30 1.66 0.00	41.84 1.02 0.00	47.84 1.29 1.27	50.80 1.05 0.01	48.37 1.27 0.01	50.21 1.46 0.01	49.15 1.43 0.01	48.21 1.54 0.01	48.29 1.63 0.00	47.96 1.67 0.00	48.77 1.42 0.00	52.99 1.59 0.01	61.69 1.86 0.01	68.41 2.19 0.01	66.63 2.00 0.01	51.80 1.51 0.01	44.08 1.37 0.25	41.68 1.19 0.65	38.79 1.04 0.75
FPL_FAR_ROCK_GT1 24212	36.33 1.66 0.00	34.39 1.26 0.00	32.18 0.97 0.00	31.78 1.01 0.00	31.68 0.83 0.00	33.97 1.34 0.00	41.92 1.10 0.01	47.86 1.34 1.29	51.20 1.44 0.01	48.70 1.60 0.01	50.85 2.10 0.00	49.73 2.00 0.00	48.87 2.19 0.00	49.04 2.38 0.00	48.56 2.27 0.00	49.29 1.94 0.00	53.83 2.42 0.00	62.66 2.81 0.00	69.01 2.78 0.00	67.22 2.59 0.00	52.41 2.11 0.00	44.59 1.89 0.25	42.26 1.77 0.64	39.19 1.43 0.74
FPL_FAR_ROCK_GT2 23815	36.33 1.66 0.00	34.39 1.26 0.00	32.18 0.97 0.00	31.78 1.01 0.00	31.68 0.83 0.00	33.97 1.34 0.00	41.92 1.10 0.01	47.86 1.34 1.29	51.20 1.44 0.01	48.70 1.60 0.01	50.85 2.10 0.00	49.73 2.00 0.00	48.87 2.19 0.00	49.04 2.38 0.00	48.56 2.27 0.00	49.29 1.94 0.00	53.83 2.42 0.00	62.66 2.81 0.00	69.01 2.78 0.00	67.22 2.59 0.00	52.41 2.11 0.00	44.59 1.89 0.25	42.26 1.77 0.64	39.19 1.43 0.74
FRANKLIN_FALL_HYD 24054	35.15 0.49 0.00	33.79 0.66 0.00	31.86 0.66 0.00	31.32 0.55 0.00	31.49 0.65 0.00	33.32 0.69 0.00	41.84 1.02 0.00	48.68 0.86 0.00	50.56 0.80 0.00	47.96 0.85 0.00	49.59 0.83 0.00	48.78 1.05 0.00	47.47 0.79 0.00	47.36 0.70 0.00	46.85 0.56 0.00	48.11 0.76 0.00	52.23 0.82 0.00	60.62 0.78 0.00	66.96 0.73 0.00	65.35 0.71 0.00	50.95 0.65 0.00	43.72 0.77 0.00	42.21 1.07 0.00	39.70 1.19 0.00



FREEPORT_EQUS_GT1 23764	36.09 1.42 0.00	34.16 1.03 0.00	31.96 0.75 0.00	31.56 0.80 0.00	31.46 0.62 0.00	33.77 1.14 0.00	41.59 0.77 0.01	47.37 0.91 1.35	50.75 0.99 0.01	48.23 1.13 0.01	50.32 1.56 0.00	49.21 1.48 0.00	48.40 1.73 0.00	48.53 1.87 0.00	48.10 1.80 0.00	48.86 1.51 0.00	53.36 1.95 0.00	62.12 2.27 0.00	68.41 2.18 0.00	66.64 2.01 0.00	52.01 1.71 0.00	44.29 1.59 0.25	41.97 1.48 0.64	38.92 1.15 0.74
FREEPORT___CT2 23818	36.09 1.42 0.00	34.16 1.03 0.00	31.96 0.75 0.00	31.56 0.80 0.00	31.46 0.62 0.00	33.77 1.14 0.00	41.59 0.77 0.01	47.37 0.91 1.35	50.75 0.99 0.01	48.23 1.13 0.01	50.32 1.56 0.00	49.21 1.48 0.00	48.40 1.73 0.00	48.53 1.87 0.00	48.10 1.80 0.00	48.86 1.51 0.00	53.36 1.95 0.00	62.12 2.27 0.00	68.41 2.18 0.00	66.64 2.01 0.00	52.01 1.71 0.00	44.29 1.59 0.25	41.97 1.48 0.64	38.92 1.15 0.74
FRESHKLS_33_KV_LOAD 356253	36.72 2.05 -0.01	34.96 1.82 -0.01	32.62 1.40 -0.01	32.16 1.38 -0.01	32.12 1.26 -0.01	34.43 1.79 0.00	41.80 0.98 0.00	47.79 1.24 1.27	50.70 0.95 0.01	48.23 1.13 0.01	50.11 1.37 0.01	49.01 1.29 0.01	48.07 1.40 0.01	48.15 1.49 0.00	47.82 1.53 0.00	48.68 1.33 0.00	52.89 1.49 0.01	61.63 1.80 0.01	68.34 2.12 0.01	66.63 2.00 0.01	51.75 1.46 0.01	43.99 1.29 0.25	41.64 1.15 0.65	38.76 1.00 0.75
FULTON COGEN____ 23766	34.04 -0.62 0.00	32.53 -0.60 0.00	30.58 -0.62 0.00	30.18 -0.58 0.00	30.26 -0.59 0.00	32.04 -0.59 0.00	40.13 -0.69 0.00	50.12 -0.72 -3.02	52.97 -0.70 -3.91	54.03 -0.66 -7.58	56.59 -0.68 -8.52	55.14 -0.72 -8.13	49.52 -0.65 -3.50	49.47 -0.70 -3.51	48.58 -0.65 -2.93	49.97 -0.62 -3.23	53.92 -0.72 -3.23	69.58 -0.72 -10.45	77.15 -0.66 -11.58	75.29 -0.65 -11.30	58.54 -0.55 -8.80	46.18 -0.60 -3.83	47.03 -0.58 -6.47	43.92 -0.50 -5.92
FULTON___LFGE 323630	35.85 1.18 0.00	34.19 1.06 0.00	32.27 1.06 0.00	31.78 1.01 0.00	31.90 1.05 0.00	33.80 1.17 0.00	42.41 1.59 0.00	48.63 2.01 1.19	51.46 1.69 0.00	48.29 1.18 0.00	49.68 0.92 0.00	48.59 0.86 0.00	47.56 0.88 0.00	47.64 0.98 0.00	47.41 1.11 0.00	48.77 1.42 0.00	53.00 1.60 0.00	62.00 2.15 0.00	68.95 2.72 0.00	67.15 2.52 0.00	52.16 1.86 0.00	44.39 1.67 0.23	41.89 1.36 0.61	38.85 1.04 0.70
G.F.CEMENT___DRP 24184	35.81 1.14 0.00	34.16 1.03 0.00	32.24 1.03 0.00	31.75 0.98 0.00	31.83 0.99 0.00	33.68 1.04 0.00	42.21 1.39 0.00	48.62 1.67 0.87	51.46 1.69 0.00	48.66 1.55 0.00	50.42 1.66 0.00	49.21 1.48 0.00	47.98 1.31 0.00	48.06 1.40 0.00	47.68 1.39 0.00	48.86 1.52 0.00	53.11 1.70 0.00	61.82 1.97 0.00	68.62 2.38 0.00	66.90 2.26 0.00	51.96 1.66 0.00	44.15 1.37 0.17	41.84 1.15 0.45	38.84 0.85 0.52
GARDENVILLE___LBMP 24039	34.01 -0.66 0.00	32.86 -0.27 0.00	30.46 -0.75 0.00	30.09 -0.68 0.00	30.29 -0.56 0.00	31.85 -0.78 0.00	39.68 -1.14 0.00	45.20 -2.10 0.51	49.21 -2.39 -1.84	48.61 -2.07 -3.58	50.34 -2.44 -4.02	49.22 -2.34 -3.83	46.03 -2.29 -1.64	46.12 -2.19 -1.65	45.50 -2.18 -1.38	46.83 -2.04 -1.52	50.20 -2.72 -1.52	61.61 -2.81 -4.58	68.92 -2.38 -5.07	67.00 -2.59 -4.95	51.93 -2.51 -4.15	42.06 -2.32 -1.43	41.74 -1.48 -2.08	39.89 -0.27 -1.65
GARDNVLA_35_KV_LD 355827	34.18 -0.49 0.00	33.03 -0.10 0.00	30.62 -0.59 0.00	30.24 -0.52 0.00	30.48 -0.37 0.00	32.04 -0.59 0.00	39.97 -0.86 0.00	45.78 -1.86 0.17	49.71 -2.04 -1.98	49.23 -1.74 -3.87	51.06 -2.05 -4.35	49.91 -1.96 -4.15	46.53 -1.91 -1.77	46.62 -1.82 -1.78	46.07 -1.71 -1.48	47.38 -1.61 -1.64	50.68 -2.36 -1.64	62.35 -2.39 -4.90	69.67 -1.99 -5.43	67.74 -2.20 -5.31	52.57 -2.21 -4.49	42.51 -2.06 -1.62	42.33 -1.28 -2.47	40.41 -0.12 -2.02
GELCKHM___115KV_LOAD 80723	34.22 -0.45 0.00	32.70 -0.43 0.00	30.74 -0.47 0.00	30.34 -0.43 0.00	30.41 -0.43 0.00	32.17 -0.46 0.00	40.33 -0.49 0.00	45.97 -0.43 1.42	51.34 -0.35 -1.92	50.46 -0.38 -3.73	52.61 -0.34 -4.19	51.34 -0.38 -4.00	48.02 -0.37 -1.72	48.01 -0.37 -1.73	47.41 -0.32 -1.44	48.61 -0.33 -1.59	52.64 -0.36 -1.59	64.68 -0.30 -5.13	71.65 -0.26 -5.68	69.92 -0.26 -5.54	54.32 -0.30 -4.33	43.88 -0.39 -1.31	42.50 -0.33 -1.69	39.47 -0.23 -1.20
GENERAL___MILLS 23808	34.08 -0.59 0.00	32.93 -0.20 0.00	30.55 -0.66 0.00	30.15 -0.62 0.00	30.38 -0.46 0.00	31.95 -0.69 0.00	39.84 -0.98 0.00	45.64 -1.96 0.22	49.53 -2.19 -1.96	49.05 -1.88 -3.82	50.86 -2.19 -4.30	49.72 -2.10 -4.10	46.37 -2.05 -1.75	46.46 -1.96 -1.76	45.91 -1.85 -1.47	47.17 -1.80 -1.62	50.51 -2.52 -1.62	62.12 -2.57 -4.85	69.42 -2.19 -5.37	67.49 -2.39 -5.25	52.37 -2.36 -4.44	42.35 -2.19 -1.59	42.19 -1.36 -2.41	40.28 -0.19 -1.96
GE_PLASTICS___DRP 24183	35.08 0.42 0.00	33.49 0.36 0.00	31.58 0.37 0.00	31.17 0.40 0.00	31.22 0.37 0.00	33.02 0.39 0.00	41.23 0.41 0.00	47.34 0.43 0.91	50.21 0.45 0.00	47.01 -0.09 0.00	48.48 -0.24 0.03	47.40 -0.29 0.03	46.41 -0.23 0.03	46.44 -0.19 0.03	46.08 -0.19 0.03	47.07 -0.28 0.00	51.15 -0.26 0.00	59.43 -0.42 0.00	65.70 -0.53 0.00	64.12 -0.52 0.00	49.94 -0.35 0.00	42.51 -0.26 0.18	40.39 -0.29 0.47	37.58 -0.39 0.54
GILBOA___1 23756	35.36 0.69 0.00	33.69 0.56 0.00	31.93 0.72 0.00	31.50 0.74 0.00	31.56 0.71 0.00	33.22 0.59 0.00	41.44 0.61 0.00	47.08 0.72 1.46	50.46 0.70 0.00	47.82 0.71 0.00	49.49 0.73 0.00	48.39 0.67 0.00	47.38 0.70 0.00	47.40 0.74 0.00	47.03 0.74 0.00	48.01 0.66 0.00	52.18 0.77 0.00	60.57 0.72 0.00	66.83 0.59 0.00	65.15 0.51 0.00	50.90 0.61 0.00	43.35 0.69 0.28	40.98 0.58 0.74	38.00 0.35 0.85
GILBOA___2 23757	35.36 0.69 0.00	33.69 0.56 0.00	31.93 0.72 0.00	31.50 0.74 0.00	31.56 0.71 0.00	33.22 0.59 0.00	41.44 0.61 0.00	47.08 0.72 1.46	50.46 0.70 0.00	47.82 0.71 0.00	49.49 0.73 0.00	48.39 0.67 0.00	47.38 0.70 0.00	47.40 0.74 0.00	47.03 0.74 0.00	48.01 0.66 0.00	52.18 0.77 0.00	60.57 0.72 0.00	66.83 0.59 0.00	65.15 0.51 0.00	50.90 0.61 0.00	43.35 0.69 0.28	40.98 0.58 0.74	38.00 0.35 0.85
GILBOA___3 23758	35.36 0.69 0.00	33.69 0.56 0.00	31.93 0.72 0.00	31.50 0.74 0.00	31.56 0.71 0.00	33.22 0.59 0.00	41.44 0.61 0.00	47.08 0.72 1.46	50.46 0.70 0.00	47.82 0.71 0.00	49.49 0.73 0.00	48.39 0.67 0.00	47.38 0.70 0.00	47.40 0.74 0.00	47.03 0.74 0.00	48.01 0.66 0.00	52.18 0.77 0.00	60.57 0.72 0.00	66.83 0.59 0.00	65.15 0.51 0.00	50.90 0.61 0.00	43.35 0.69 0.28	40.98 0.58 0.74	38.00 0.35 0.85
GILBOA___4 23759	35.36 0.69 0.00	33.69 0.56 0.00	31.93 0.72 0.00	31.50 0.74 0.00	31.56 0.71 0.00	33.22 0.59 0.00	41.44 0.61 0.00	47.08 0.72 1.46	50.46 0.70 0.00	47.82 0.71 0.00	49.49 0.73 0.00	48.39 0.67 0.00	47.38 0.70 0.00	47.40 0.74 0.00	47.03 0.74 0.00	48.01 0.66 0.00	52.18 0.77 0.00	60.57 0.72 0.00	66.83 0.59 0.00	65.15 0.51 0.00	50.90 0.61 0.00	43.35 0.69 0.28	40.98 0.58 0.74	38.00 0.35 0.85

GILBOA____ 23599	35.36 0.69 0.00	33.69 0.56 0.00	31.96 0.75 0.00	31.50 0.74 0.00	31.56 0.71 0.00	33.22 0.59 0.00	41.43 0.61 0.00	47.12 0.77 1.46	50.51 0.75 0.00	47.86 0.75 0.00	49.54 0.78 0.00	48.49 0.76 0.00	47.47 0.79 0.00	47.45 0.79 0.00	47.13 0.83 0.00	48.06 0.71 0.00	52.23 0.82 0.00	60.62 0.78 0.00	66.89 0.66 0.00	65.28 0.65 0.00	50.95 0.65 0.00	43.35 0.69 0.29	40.93 0.53 0.75	37.99 0.35 0.86
GINNA____ 23603	32.76 -1.91 0.00	31.51 -1.62 0.00	29.49 -1.72 0.00	29.13 -1.63 0.00	29.21 -1.64 0.00	30.84 -1.79 0.00	38.54 -2.29 0.00	45.60 -3.68 -1.47	48.72 -3.73 -2.69	48.74 -3.58 -5.22	51.45 -3.17 -5.86	50.12 -3.20 -5.59	45.86 -3.22 -2.41	45.95 -3.13 -2.42	45.26 -3.06 -2.02	46.54 -3.03 -2.22	50.04 -3.55 -2.18	63.07 -3.83 -7.06	70.08 -3.97 -7.82	68.39 -3.88 -7.63	52.96 -3.27 -5.93	42.39 -3.01 -2.45	42.35 -2.80 -4.01	39.82 -2.27 -3.59
GLEN PARK____ 23778	35.50 0.83 0.00	33.96 0.83 0.00	32.18 0.97 0.00	31.50 0.74 0.00	31.71 0.86 0.00	33.71 1.08 0.00	42.46 1.63 0.00	50.32 1.86 -0.64	53.43 1.79 -1.88	51.88 1.13 -3.64	53.83 0.97 -4.09	52.77 1.14 -3.90	49.38 1.03 -1.68	49.19 0.84 -1.69	48.58 0.88 -1.41	50.32 1.42 -1.55	54.55 1.60 -1.55	67.08 2.22 -5.02	74.90 3.11 -5.56	73.35 3.29 -5.43	57.03 2.51 -4.22	46.99 2.36 -1.67	45.71 1.89 -2.68	42.48 1.62 -2.35
GLENDALE_27_KV_LOAD 356172	36.69 2.01 -0.01	34.86 1.72 -0.01	32.71 1.50 -0.01	32.25 1.48 -0.01	32.21 1.36 -0.01	34.36 1.73 0.00	42.37 1.55 0.00	48.46 1.91 1.27	51.56 1.79 0.00	49.09 1.98 0.00	51.00 2.24 0.00	49.92 2.20 0.00	48.96 2.29 0.00	49.04 2.38 0.00	48.66 2.36 0.00	49.48 2.13 0.00	53.72 2.31 0.00	62.47 2.63 0.01	69.14 2.91 0.01	67.28 2.65 0.01	52.45 2.16 0.01	44.68 1.98 0.25	42.17 1.69 0.65	39.18 1.42 0.75
GLENWOOD_IC_1_G5 23712	36.19 1.53 0.00	34.35 1.23 0.00	32.24 1.03 0.00	31.81 1.05 0.00	31.71 0.86 0.00	33.94 1.31 0.00	42.00 1.18 0.00	47.98 1.48 1.32	50.90 1.14 0.01	48.47 1.37 0.00	50.56 1.80 0.00	49.44 1.72 0.00	48.54 1.87 0.00	48.66 2.01 0.00	48.24 1.94 0.00	49.01 1.66 0.00	53.41 2.00 0.00	62.18 2.33 0.00	68.62 2.38 0.00	66.83 2.20 0.00	52.06 1.76 0.00	44.46 1.76 0.25	41.80 1.32 0.65	38.95 1.19 0.75
GLENWOOD_IC_2_G1 23688	36.19 1.52 0.00	34.32 1.19 0.00	32.18 0.97 0.00	31.75 0.98 0.00	31.71 0.86 0.00	33.87 1.24 0.00	42.01 1.18 0.00	47.94 1.39 1.27	51.16 1.39 0.00	48.62 1.51 0.00	50.56 1.81 0.00	49.44 1.72 0.00	48.54 1.87 0.00	48.57 1.91 0.00	48.19 1.90 0.00	49.01 1.66 0.00	53.36 1.95 0.00	62.12 2.27 0.00	68.55 2.32 0.00	66.76 2.13 0.00	52.06 1.76 0.00	44.38 1.67 0.25	41.97 1.48 0.64	38.84 1.08 0.74
GLENWOOD_IC_3_G1 23689	36.19 1.52 0.00	34.32 1.19 0.00	32.18 0.97 0.00	31.75 0.98 0.00	31.71 0.86 0.00	33.87 1.24 0.00	42.01 1.18 0.00	47.94 1.39 1.27	51.16 1.39 0.00	48.62 1.51 0.00	50.56 1.81 0.00	49.44 1.72 0.00	48.54 1.87 0.00	48.57 1.91 0.00	48.19 1.90 0.00	49.01 1.66 0.00	53.36 1.95 0.00	62.12 2.27 0.00	68.55 2.32 0.00	66.76 2.13 0.00	52.06 1.76 0.00	44.38 1.67 0.25	41.97 1.48 0.64	38.84 1.08 0.74
GLENWOOD____4 23550	36.19 1.53 0.00	34.35 1.23 0.00	32.24 1.03 0.00	31.81 1.05 0.00	31.71 0.86 0.00	33.94 1.31 0.00	42.00 1.18 0.00	47.98 1.48 1.32	51.00 1.24 0.01	48.57 1.46 0.00	50.66 1.90 0.00	49.54 1.81 0.00	48.68 2.01 0.00	48.80 2.15 0.00	48.33 2.04 0.00	49.10 1.75 0.00	53.57 2.16 0.00	62.30 2.45 0.00	68.81 2.58 0.00	66.96 2.33 0.00	52.16 1.86 0.00	44.46 1.76 0.25	41.80 1.32 0.65	38.95 1.19 0.75
GLENWOOD____5 23614	36.19 1.53 0.00	34.35 1.23 0.00	32.24 1.03 0.00	31.81 1.05 0.00	31.71 0.86 0.00	33.94 1.31 0.00	42.00 1.18 0.00	47.98 1.48 1.32	51.00 1.24 0.01	48.57 1.46 0.00	50.66 1.90 0.00	49.54 1.81 0.00	48.68 2.01 0.00	48.80 2.15 0.00	48.33 2.04 0.00	49.10 1.75 0.00	53.57 2.16 0.00	62.30 2.45 0.00	68.81 2.58 0.00	66.96 2.33 0.00	52.16 1.86 0.00	44.46 1.76 0.25	41.80 1.32 0.65	38.95 1.19 0.75
GLOBAL GREEN_PORT_GT1 23814	35.60 0.94 0.00	33.59 0.46 0.00	31.43 0.22 0.00	31.07 0.31 0.00	30.94 0.09 0.00	33.35 0.72 0.00	40.49 -0.33 0.01	46.11 -0.29 1.42	49.70 -0.05 0.01	47.39 0.28 0.01	49.78 1.03 0.00	48.54 0.81 0.00	47.79 1.12 0.00	47.96 1.30 0.00	47.50 1.20 0.00	48.15 0.80 0.00	52.74 1.33 0.00	61.34 1.50 0.00	67.42 1.19 0.00	65.61 0.97 0.00	51.25 0.95 0.00	43.61 0.90 0.25	41.28 0.78 0.64	38.69 0.92 0.74
GLOBE____DSASP 323697	33.87 -0.80 0.00	32.83 -0.30 0.00	30.40 -0.81 0.00	30.00 -0.77 0.00	30.23 -0.62 0.00	31.39 -1.24 0.00	38.58 -2.25 0.00	43.96 -4.11 -0.26	47.78 -4.13 -2.15	47.33 -3.96 -4.18	49.16 -4.29 -4.70	48.05 -4.15 -4.48	44.82 -3.78 -1.92	44.90 -3.69 -1.93	43.55 -4.35 -1.61	45.62 -3.50 -1.77	48.76 -4.42 -1.77	60.33 -4.91 -5.39	67.37 -4.83 -5.97	65.43 -5.04 -5.83	50.77 -4.38 -4.85	40.92 -3.87 -1.84	41.17 -2.84 -2.87	39.51 -1.42 -2.43
GOETHSLN____LBMP 323567	36.16 1.49 0.00	34.39 1.26 0.00	32.24 1.03 0.00	31.81 1.05 0.00	31.77 0.93 0.00	33.90 1.27 0.01	42.08 1.27 0.01	48.12 1.58 1.27	51.31 1.54 0.00	48.80 1.70 0.00	50.71 1.95 0.00	49.63 1.91 0.00	48.62 1.96 0.02	48.66 2.01 0.01	48.29 1.99 0.00	49.09 1.75 0.01	53.47 2.06 0.00	62.18 2.33 0.00	68.75 2.52 0.00	66.90 2.26 0.00	52.16 1.86 0.00	44.33 1.63 0.26	41.80 1.32 0.66	38.71 0.96 0.76
GOLAH____69_KV_TB 1_2 80279	34.42 -0.24 0.00	33.13 0.00 0.00	30.93 -0.28 0.00	30.52 -0.25 0.00	30.69 -0.15 0.00	32.37 -0.26 0.00	40.37 -0.45 0.00	47.85 -1.43 -1.47	50.93 -1.49 -2.65	50.94 -1.32 -5.15	53.08 -1.46 -5.79	51.72 -1.53 -5.52	47.42 -1.63 -2.38	47.50 -1.54 -2.39	46.76 -1.53 -1.99	48.08 -1.47 -2.20	51.65 -1.95 -2.20	64.85 -1.92 -6.92	72.17 -1.72 -7.66	70.50 -1.62 -7.48	54.66 -1.61 -5.98	43.89 -1.55 -2.49	44.13 -1.11 -4.10	41.73 -0.46 -3.69
GOODYEAR_LAKE_HYD 323669	35.60 0.94 0.00	33.96 0.83 0.00	32.05 0.84 0.00	31.54 0.77 0.00	31.62 0.77 0.00	33.48 0.85 0.00	41.92 1.10 0.00	46.54 1.48 2.76	50.82 1.44 0.39	47.63 1.27 0.75	49.18 1.27 0.84	48.21 1.29 0.81	47.59 1.26 0.35	47.57 1.26 0.35	47.30 1.30 0.29	48.40 1.37 0.32	52.58 1.49 0.32	61.70 1.86 0.00	68.42 2.19 0.00	66.70 2.07 0.00	50.98 1.56 0.87	43.38 1.37 0.95	40.08 1.07 2.13	37.09 0.89 2.30
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	34.87 0.21 0.00	33.36 0.23 0.00	31.30 0.09 0.00	30.86 0.09 0.00	30.97 0.12 0.00	32.76 0.13 0.00	41.03 0.20 0.00	42.07 0.38 6.13	49.63 0.40 0.53	46.41 0.33 1.03	47.89 0.29 1.16	46.91 0.29 1.11	46.43 0.23 0.48	46.41 0.23 0.48	46.17 0.28 0.40	47.19 0.28 0.44	51.17 0.21 0.44	59.00 0.48 1.33	65.49 0.73 1.47	63.91 0.71 1.44	49.45 0.35 1.20	41.44 0.13 1.64	37.53 0.21 3.82	34.70 0.39 4.19

GOUDEY___7 23579	34.87 0.21 0.00	33.36 0.23 0.00	31.30 0.09 0.00	30.86 0.09 0.00	30.97 0.12 0.00	32.76 0.13 0.00	41.03 0.20 0.00	42.07 0.38 6.13	49.63 0.40 0.53	46.41 0.33 1.03	47.89 0.29 1.16	46.91 0.29 1.11	46.43 0.23 0.48	46.41 0.23 0.48	46.17 0.28 0.40	47.19 0.28 0.44	51.17 0.21 0.44	59.00 0.48 1.33	65.49 0.73 1.47	63.91 0.71 1.44	49.45 0.35 1.20	41.44 0.13 1.64	37.53 0.21 3.82	34.70 0.39 4.19
GOUDEY___8 23580	34.87 0.21 0.00	33.36 0.23 0.00	31.30 0.09 0.00	30.86 0.09 0.00	30.97 0.12 0.00	32.76 0.13 0.00	41.03 0.20 0.00	42.07 0.38 6.13	49.63 0.40 0.53	46.41 0.33 1.03	47.89 0.29 1.16	46.91 0.29 1.11	46.43 0.23 0.48	46.41 0.23 0.48	46.17 0.28 0.40	47.19 0.28 0.44	51.17 0.21 0.44	59.00 0.48 1.33	65.49 0.73 1.47	63.91 0.71 1.44	49.45 0.35 1.20	41.44 0.13 1.64	37.53 0.21 3.82	34.70 0.39 4.19
GOWANUS_GT1_1 24077	36.62 1.94 -0.01	34.79 1.66 -0.01	32.56 1.34 -0.01	32.13 1.35 -0.01	32.09 1.23 -0.01	34.26 1.63 0.00	41.97 1.14 0.00	47.98 1.43 1.27	51.00 1.24 0.01	48.56 1.46 0.01	50.46 1.71 0.01	49.39 1.67 0.01	48.44 1.77 0.01	48.52 1.87 0.00	48.15 1.85 0.00	48.96 1.61 0.00	53.15 1.75 0.01	61.93 2.09 0.01	68.54 2.32 0.01	66.76 2.13 0.01	51.95 1.66 0.01	44.25 1.55 0.25	41.84 1.36 0.65	38.91 1.16 0.75
GOWANUS_GT1_2 24078	36.62 1.94 -0.01	34.79 1.66 -0.01	32.56 1.34 -0.01	32.13 1.35 -0.01	32.09 1.23 -0.01	34.26 1.63 0.00	41.97 1.14 0.00	47.98 1.43 1.27	51.00 1.24 0.01	48.56 1.46 0.01	50.46 1.71 0.01	49.39 1.67 0.01	48.44 1.77 0.01	48.52 1.87 0.00	48.15 1.85 0.00	48.96 1.61 0.00	53.15 1.75 0.01	61.93 2.09 0.01	68.54 2.32 0.01	66.76 2.13 0.01	51.95 1.66 0.01	44.25 1.55 0.25	41.84 1.36 0.65	38.91 1.16 0.75
GOWANUS_GT1_3 24079	36.62 1.94 -0.01	34.79 1.66 -0.01	32.56 1.34 -0.01	32.13 1.35 -0.01	32.09 1.23 -0.01	34.26 1.63 0.00	41.97 1.14 0.00	47.98 1.43 1.27	51.00 1.24 0.01	48.56 1.46 0.01	50.46 1.71 0.01	49.39 1.67 0.01	48.44 1.77 0.01	48.52 1.87 0.00	48.15 1.85 0.00	48.96 1.61 0.00	53.15 1.75 0.01	61.93 2.09 0.01	68.54 2.32 0.01	66.76 2.13 0.01	51.95 1.66 0.01	44.25 1.55 0.25	41.84 1.36 0.65	38.91 1.16 0.75
GOWANUS_GT1_4 24080	36.62 1.94 -0.01	34.79 1.66 -0.01	32.56 1.34 -0.01	32.13 1.35 -0.01	32.09 1.23 -0.01	34.26 1.63 0.00	41.97 1.14 0.00	47.98 1.43 1.27	51.00 1.24 0.01	48.56 1.46 0.01	50.46 1.71 0.01	49.39 1.67 0.01	48.44 1.77 0.01	48.52 1.87 0.00	48.15 1.85 0.00	48.96 1.61 0.00	53.15 1.75 0.01	61.93 2.09 0.01	68.54 2.32 0.01	66.76 2.13 0.01	51.95 1.66 0.01	44.25 1.55 0.25	41.84 1.36 0.65	38.91 1.16 0.75
GOWANUS_GT1_5 24084	36.62 1.94 -0.01	34.79 1.66 -0.01	32.56 1.34 -0.01	32.13 1.35 -0.01	32.09 1.23 -0.01	34.26 1.63 0.00	41.97 1.14 0.00	47.98 1.43 1.27	51.00 1.24 0.01	48.56 1.46 0.01	50.46 1.71 0.01	49.39 1.67 0.01	48.44 1.77 0.01	48.52 1.87 0.00	48.15 1.85 0.00	48.96 1.61 0.00	53.15 1.75 0.01	61.93 2.09 0.01	68.54 2.32 0.01	66.76 2.13 0.01	51.95 1.66 0.01	44.25 1.55 0.25	41.84 1.36 0.65	38.91 1.16 0.75
GOWANUS_GT1_6 24111	36.62 1.94 -0.01	34.79 1.66 -0.01	32.56 1.34 -0.01	32.13 1.35 -0.01	32.09 1.23 -0.01	34.26 1.63 0.00	41.97 1.14 0.00	47.98 1.43 1.27	51.00 1.24															

GOWANUS_GT2_6 24119	36.58 1.91 -0.01	34.79 1.66 -0.01	32.56 1.34 -0.01	32.10 1.32 -0.01	32.09 1.24 -0.01	34.23 1.60 0.00	42.01 1.18 0.00	47.84 1.29 1.27	50.95 1.19 0.01	48.42 1.32 0.01	50.31 1.56 0.01	49.24 1.53 0.01	48.34 1.68 0.01	48.34 1.68 0.00	48.05 1.76 0.00	48.86 1.51 0.00	53.05 1.64 0.01	61.70 1.86 0.01	68.28 2.06 0.01	66.50 1.88 0.01	51.80 1.51 0.01	44.29 1.59 0.25	41.93 1.44 0.65	38.92 1.15 0.74
GOWANUS_GT2_7 24120	36.58 1.91 -0.01	34.79 1.66 -0.01	32.56 1.34 -0.01	32.10 1.32 -0.01	32.09 1.24 -0.01	34.23 1.60 0.00	42.01 1.18 0.00	47.84 1.29 1.27	50.95 1.19 0.01	48.42 1.32 0.01	50.31 1.56 0.01	49.24 1.53 0.01	48.34 1.68 0.01	48.34 1.68 0.00	48.05 1.76 0.00	48.86 1.51 0.00	53.05 1.64 0.01	61.70 1.86 0.01	68.28 2.06 0.01	66.50 1.88 0.01	51.80 1.51 0.01	44.29 1.59 0.25	41.93 1.44 0.65	38.92 1.15 0.74
GOWANUS_GT2_8 24121	36.58 1.91 -0.01	34.79 1.66 -0.01	32.56 1.34 -0.01	32.10 1.32 -0.01	32.09 1.24 -0.01	34.23 1.60 0.00	42.01 1.18 0.00	47.84 1.29 1.27	50.95 1.19 0.01	48.42 1.32 0.01	50.31 1.56 0.01	49.24 1.53 0.01	48.34 1.68 0.01	48.34 1.68 0.00	48.05 1.76 0.00	48.86 1.51 0.00	53.05 1.64 0.01	61.70 1.86 0.01	68.28 2.06 0.01	66.50 1.88 0.01	51.80 1.51 0.01	44.29 1.59 0.25	41.93 1.44 0.65	38.92 1.15 0.74
GOWANUS_GT3_1 24122	36.58 1.91 -0.01	34.79 1.66 -0.01	32.56 1.34 -0.01	32.10 1.32 -0.01	32.09 1.24 -0.01	34.23 1.60 0.00	42.01 1.18 0.00	47.84 1.29 1.27	50.95 1.19 0.01	48.42 1.32 0.01	50.31 1.56 0.01	49.24 1.53 0.01	48.34 1.68 0.01	48.34 1.68 0.00	48.05 1.76 0.00	48.86 1.51 0.00	53.05 1.64 0.01	61.70 1.86 0.01	68.28 2.06 0.01	66.50 1.88 0.01	51.80 1.51 0.01	44.29 1.59 0.25	41.93 1.44 0.65	38.92 1.15 0.74
GOWANUS_GT3_2 24123	36.58 1.91 -0.01	34.79 1.66 -0.01	32.56 1.34 -0.01	32.10 1.32 -0.01	32.09 1.24 -0.01	34.23 1.60 0.00	42.01 1.18 0.00	47.84 1.29 1.27	50.95 1.19 0.01	48.42 1.32 0.01	50.31 1.56 0.01	49.24 1.53 0.01	48.34 1.68 0.01	48.34 1.68 0.00	48.05 1.76 0.00	48.86 1.51 0.00	53.05 1.64 0.01	61.70 1.86 0.01	68.28 2.06 0.01	66.50 1.88 0.01	51.80 1.51 0.01	44.29 1.59 0.25	41.93 1.44 0.65	38.92 1.15 0.74
GOWANUS_GT3_3 24124	36.58 1.91 -0.01	34.79 1.66 -0.01	32.56 1.34 -0.01	32.10 1.32 -0.01	32.09 1.24 -0.01	34.23 1.60 0.00	42.01 1.18 0.00	47.84 1.29 1.27	50.95 1.19 0.01	48.42 1.32 0.01	50.31 1.56 0.01	49.24 1.53 0.01	48.34 1.68 0.01	48.34 1.68 0.00	48.05 1.76 0.00	48.86 1.51 0.00	53.05 1.64 0.01	61.70 1.86 0.01	68.28 2.06 0.01	66.50 1.88 0.01	51.80 1.51 0.01	44.29 1.59 0.25	41.93 1.44 0.65	38.92 1.15 0.74
GOWANUS_GT3_4 24125	36.58 1.91 -0.01	34.79 1.66 -0.01	32.56 1.34 -0.01	32.10 1.32 -0.01	32.09 1.24 -0.01	34.23 1.60 0.00	42.01 1.18 0.00	47.84 1.29 1.27	50.95 1.19 0.01	48.42 1.32 0.01	50.31 1.56 0.01	49.24 1.53 0.01	48.34 1.68 0.01	48.34 1.68 0.00	48.05 1.76 0.00	48.86 1.51 0.00	53.05 1.64 0.01	61.70 1.86 0.01	68.28 2.06 0.01	66.50 1.88 0.01	51.80 1.51 0.01	44.29 1.59 0.25	41.93 1.44 0.65	38.92 1.15 0.74
GOWANUS_GT3_5 24126	36.58 1.91 -0.01	34.79 1.66 -0.01	32.56 1.34 -0.01	32.10 1.32 -0.01	32.09 1.24 -0.01	34.23 1.60 0.00	42.01 1.18 0.00	47.84 1.29 1.27	50.95 1.19 0.01	48.42 1.32 0.01	50.31 1.56 0.01	49.24 1.53 0.01	48.34 1.68 0.01	48.34 1.68 0.00	48.05 1.76 0.00	48.86 1.51 0.00	53.05 1.64 0.01	61.70 1.86 0.01	68.28 2.06 0.01	66.50 1.88 0.01	51.80 1.51 0.01	44.29 1.59 0.25	41.93 1.44 0.65	38.92 1.15 0.74
GOWANUS_GT3_6 24127	36.58 1.91 -0.01	34.79 1.66 -0.01	32.56 1.34 -0.01	32.10 1.32 -0.01	32.09 1.24 -0.01	34.23 1.60 0.00	42.01 1.18 0.00	47.84 1.29 1.27	50.95 1.19 0.01	48.42 1.32 0.01	50.31 1.56 0.01	49.24 1.53 0.01	48.34 1.68 0.01	48.34 1.68 0.00	48.05 1.76 0.00	48.86 1.51 0.00	53.05 1.64 0.01	61.70 1.86 0.01	68.28 2.06 0.01	66.50 1.88 0.01	51.80 1.51 0.01	44.29 1.59 0.25	41.93 1.44 0.65	38.92 1.15 0.74
GOWANUS_GT3_7 24128	36.58 1.91 -0.01	34.79 1.66 -0.01	32.56 1.34 -0.01	32.10 1.32 -0.01	32.09 1.24 -0.01	34.23 1.60 0.00	42.01 1.18 0.00	47.84 1.29 1.27	50.95 1.19 0.01	48.42 1.32 0.01	50.31 1.56 0.01	49.24 1.53 0.01	48.34 1.68 0.01	48.34 1.68 0.00	48.05 1.76 0.00	48.86 1.51 0.00	53.05 1.64 0.01	61.70 1.86 0.01	68.28 2.06 0.01	66.50 1.88 0.01	51.80 1.51 0.01	44.29 1.59 0.25	41.93 1.44 0.65	38.92 1.15 0.74
GOWANUS_GT3_8 24129	36.58 1.91 -0.01	34.79 1.66 -0.01	32.56 1.34 -0.01	32.10 1.32 -0.01	32.09 1.24 -0.01	34.23 1.60 0.00	42.01 1.18 0.00	47.84 1.29 1.27	50.95 1.19 0.01	48.42 1.32 0.01	50.31 1.56 0.01	49.24 1.53 0.01	48.34 1.68 0.01	48.34 1.68 0.00	48.05 1.76 0.00	48.86 1.51 0.00	53.05 1.64 0.01	61.70 1.86 0.01	68.28 2.06 0.01	66.50 1.88 0.01	51.80 1.51 0.01	44.29 1.59 0.25	41.93 1.44 0.65	38.92 1.15 0.74
GOWANUS_GT4_1 24130	36.62 1.94 -0.01	34.79 1.66 -0.01	32.56 1.34 -0.01	32.13 1.35 -0.01	32.09 1.23 -0.01	34.26 1.63 0.00	41.97 1.14 0.00	47.98 1.43 1.27	51.00 1.24 0.01	48.56 1.46 0.01	50.46 1.71 0.01	49.39 1.67 0.01	48.44 1.77 0.01	48.52 1.87 0.00	48.15 1.85 0.00	48.96 1.61 0.00	53.15 1.75 0.01	61.93 2.09 0.01	68.54 2.32 0.01	66.76 2.13 0.01	51.95 1.66 0.01	44.25 1.55 0.25	41.84 1.36 0.65	38.91 1.16 0.75
GOWANUS_GT4_2 24131	36.62 1.94 -0.01	34.79 1.66 -0.01	32.56 1.34 -0.01	32.13 1.35 -0.01	32.09 1.23 -0.01	34.26 1.63 0.00	41.97 1.14 0.00	47.98 1.43 1.27	51.00 1.24 0.01	48.56 1.46 0.01	50.46 1.71 0.01	49.39 1.67 0.01	48.44 1.77 0.01	48.52 1.87 0.00	48.15 1.85 0.00	48.96 1.61 0.00	53.15 1.75 0.01	61.93 2.09 0.01	68.54 2.32 0.01	66.76 2.13 0.01	51.95 1.66 0.01	44.25 1.55 0.25	41.84 1.36 0.65	38.91 1.16 0.75
GOWANUS_GT4_3 24132	36.62 1.94 -0.01	34.79 1.66 -0.01	32.56 1.34 -0.01	32.13 1.35 -0.01	32.09 1.23 -0.01	34.26 1.63 0.00	41.97 1.14 0.00	47.98 1.43 1.27	51.00 1.24 0.01	48.56 1.46 0.01	50.46 1.71 0.01	49.39 1.67 0.01	48.44 1.77 0.01	48.52 1.87 0.00	48.15 1.85 0.00	48.96 1.61 0.00	53.15 1.75 0.01	61.93 2.09 0.01	68.54 2.32 0.01	66.76 2.13 0.01	51.95 1.66 0.01	44.25 1.55 0.25	41.84 1.36 0.65	38.91 1.16 0.75
GOWANUS_GT4_4 24133	36.62 1.94 -0.01	34.79 1.66 -0.01	32.56 1.34 -0.01	32.13 1.35 -0.01	32.09 1.23 -0.01	34.26 1.63 0.00	41.97 1.14 0.00	47.98 1.43 1.27	51.00 1.24 0.01	48.56 1.46 0.01	50.46 1.71 0.01	49.39 1.67 0.01	48.44 1.77 0.01	48.52 1.87 0.00	48.15 1.85 0.00	48.96 1.61 0.00	53.15 1.75 0.01	61.93 2.09 0.01	68.54 2.32 0.01	66.76 2.13 0.01	51.95 1.66 0.01	44.25 1.55 0.25	41.84 1.36 0.65	38.91 1.16 0.75

GOWANUS_GT4_5 24134	36.62 1.94 -0.01	34.79 1.66 -0.01	32.56 1.34 -0.01	32.13 1.35 -0.01	32.09 1.23 -0.01	34.26 1.63 0.00	41.97 1.14 0.00	47.98 1.43 1.27	51.00 1.24 0.01	48.56 1.46 0.01	50.46 1.71 0.01	49.39 1.67 0.01	48.44 1.77 0.01	48.52 1.87 0.00	48.15 1.85 0.00	48.96 1.61 0.00	53.15 1.75 0.01	61.93 2.09 0.01	68.54 2.32 0.01	66.76 2.13 0.01	51.95 1.66 0.01	44.25 1.55 0.25	41.84 1.36 0.65	38.91 1.16 0.75
GOWANUS_GT4_6 24135	36.62 1.94 -0.01	34.79 1.66 -0.01	32.56 1.34 -0.01	32.13 1.35 -0.01	32.09 1.23 -0.01	34.26 1.63 0.00	41.97 1.14 0.00	47.98 1.43 1.27	51.00 1.24 0.01	48.56 1.46 0.01	50.46 1.71 0.01	49.39 1.67 0.01	48.44 1.77 0.01	48.52 1.87 0.00	48.15 1.85 0.00	48.96 1.61 0.00	53.15 1.75 0.01	61.93 2.09 0.01	68.54 2.32 0.01	66.76 2.13 0.01	51.95 1.66 0.01	44.25 1.55 0.25	41.84 1.36 0.65	38.91 1.16 0.75
GOWANUS_GT4_7 24136	36.62 1.94 -0.01	34.79 1.66 -0.01	32.56 1.34 -0.01	32.13 1.35 -0.01	32.09 1.23 -0.01	34.26 1.63 0.00	41.97 1.14 0.00	47.98 1.43 1.27	51.00 1.24 0.01	48.56 1.46 0.01	50.46 1.71 0.01	49.39 1.67 0.01	48.44 1.77 0.01	48.52 1.87 0.00	48.15 1.85 0.00	48.96 1.61 0.00	53.15 1.75 0.01	61.93 2.09 0.01	68.54 2.32 0.01	66.76 2.13 0.01	51.95 1.66 0.01	44.25 1.55 0.25	41.84 1.36 0.65	38.91 1.16 0.75
GOWANUS_GT4_8 24137	36.62 1.94 -0.01	34.79 1.66 -0.01	32.56 1.34 -0.01	32.13 1.35 -0.01	32.09 1.23 -0.01	34.26 1.63 0.00	41.97 1.14 0.00	47.98 1.43 1.27	51.00 1.24 0.01	48.56 1.46 0.01	50.46 1.71 0.01	49.39 1.67 0.01	48.44 1.77 0.01	48.52 1.87 0.00	48.15 1.85 0.00	48.96 1.61 0.00	53.15 1.75 0.01	61.93 2.09 0.01	68.54 2.32 0.01	66.76 2.13 0.01	51.95 1.66 0.01	44.25 1.55 0.25	41.84 1.36 0.65	38.91 1.16 0.75
GREATVR_69_KV_BK1 356245	36.23 1.56 0.00	34.26 1.13 0.00	32.15 0.94 0.00	31.78 1.02 0.00	31.56 0.71 0.00	34.03 1.40 0.00	41.75 0.94 0.01	47.55 1.15 1.41	51.00 1.24 0.01	48.61 1.51 0.01	51.00 2.24 0.00	49.78 2.05 0.00	49.06 2.38 0.00	49.27 2.61 0.00	48.84 2.55 0.00	49.53 2.18 0.00	54.13 2.72 0.00	63.02 3.17 0.00	69.41 3.18 0.00	67.54 2.91 0.00	52.71 2.41 0.00	44.59 1.89 0.25	41.80 1.32 0.65	39.33 1.58 0.75
GREENBSH_115KV_TB3 55895	34.94 0.28 0.00	33.39 0.27 0.00	31.49 0.28 0.00	31.07 0.31 0.00	31.12 0.28 0.00	32.93 0.29 0.00	41.11 0.29 0.00	47.11 0.19 0.90	50.01 0.25 0.00	47.16 0.05 0.00	48.71 -0.05 0.00	47.58 -0.14 0.00	46.58 -0.09 0.00	46.61 -0.05 0.00	46.30 0.00 0.00	47.21 -0.14 0.00	51.36 -0.05 0.00	59.61 -0.24 0.00	65.97 -0.26 0.00	64.38 -0.26 0.00	50.15 -0.15 0.00	42.69 -0.09 0.18	40.47 -0.21 0.46	37.66 -0.31 0.53
GREENDGE_115KV_TB5 80291	34.74 0.07 0.00	33.33 0.20 0.00	31.15 -0.06 0.00	30.74 -0.03 0.00	30.91 0.06 0.00	32.70 0.07 0.00	40.78 -0.04 0.00	44.97 -0.14 2.70	50.66 -0.15 -1.04	48.80 -0.33 -2.02	50.59 -0.44 -2.27	49.37 -0.52 -2.17	47.00 -0.61 -0.93	46.99 -0.61 -0.94	46.52 -0.56 -0.78	47.79 -0.43 -0.86	52.27 0.00 -0.86	63.16 0.60 -2.72	70.37 1.13 -3.01	68.61 1.03 -2.94	53.10 0.45 -2.35	43.31 0.04 -0.32	41.19 0.16 0.11	38.47 0.50 0.54
GREENIDGE___3 23582	34.74 0.07 0.00	33.33 0.20 0.00	31.15 -0.06 0.00	30.74 -0.03 0.00	30.91 0.06 0.00	32.70 0.07 0.00	40.78 -0.04 0.00	44.97 -0.14 2.70	50.66 -0.15 -1.04	48.80 -0.33 -2.02	50.59 -0.44 -2.27	49.37 -0.52 -2.17	47.00 -0.61 -0.93	46.99 -0.61 -0.94	46.52 -0.56 -0.78	47.79 -0.43 -0.86	52.27 0.00 -0.86	63.16 0.60 -2.72	70.37 1.13 -3.01	68.61 1.03 -2.94	53.10 0.45 -2.35	43.31 0.04 -0.32	41.19 0.16 0.11	38.47 0.50 0.54
GREENIDGE___4 23583	34.74 0.07 0.00	33.33 0.20 0.00	31.15 -0.06 0.00	30.77 0.00 0.00	30.91 0.06 0.00	32.73 0.10 0.00	40.78 -0.04 0.00	44.97 -0.14 2.70	50.66 -0.15 -1.04	48.75 -0.38 -2.02	50.54 -0.49 -2.27	49.27 -0.62 -2.17	46.91 -0.70 -0.93	46.94 -0.65 -0.94	46.43 -0.65 -0.78	47.74 -0.47 -0.86	52.15 -0.10 -0.84	63.04 0.48 -2.72	70.30 1.06 -3.01	68.55 0.97 -2.94	53.03 0.45 -2.28	43.28 0.04 -0.28	41.00 0.04 0.18	38.40 0.50 0.60
GREENLWN_69_KV_BK 3 55738	35.81 1.14 0.00	33.92 0.80 0.00	31.83 0.62 0.00	31.44 0.68 0.00	31.25 0.40 0.00	33.61 0.98 0.00	41.14 0.33 0.01	46.64 0.24 1.41	50.00 0.25 0.01	47.67 0.57 0.01	49.83 1.07 0.00	48.68 0.95 0.00	47.94 1.26 0.00	48.10 1.45 0.00	47.68 1.39 0.00	48.39 1.04 0.00	52.90 1.49 0.00	61.52 1.68 0.00	67.82 1.59 0.00	65.99 1.36 0.00	51.40 1.11 0.00	43.56 0.86 0.25	41.06 0.58 0.65	38.72 0.96 0.75
GREENWD_138_KV_38B11_REV_LBMP_J 345004	36.62 1.94 -0.01	34.79 1.66 -0.01	32.56 1.34 -0.01	32.13 1.35 -0.01	32.09 1.23 -0.01	34.26 1.63 0.00	41.97 1.14 0.00	47.98 1.43 1.27	51.00 1.24 0.01	48.56 1.46 0.01	50.46 1.71 0.01	49.39 1.67 0.01	48.44 1.77 0.01	48.52 1.87 0.00	48.15 1.85 0.00	48.96 1.61 0.00	53.15 1.75 0.01	61.93 2.09 0.01	68.54 2.32 0.01	66.76 2.13 0.01	51.95 1.66 0.01	44.25 1.55 0.25	41.84 1.36 0.65	38.91 1.16 0.75
GRISSOM___SOLAR 323813	35.88 1.21 0.00	34.22 1.09 0.00	32.27 1.06 0.00	31.78 1.01 0.00	31.93 1.08 0.00	33.84 1.21 0.00	42.41 1.59 0.00	48.63 1.96 1.15	51.41 1.64 0.00	48.33 1.22 0.00	49.78 1.03 0.00	48.59 0.86 0.00	47.56 0.88 0.00	47.64 0.98 0.00	47.36 1.07 0.00	48.72 1.37 0.00	53.00 1.60 0.00	62.00 2.15 0.00	68.88 2.65 0.00	67.15 2.52 0.00	52.16 1.86 0.00	44.40 1.67 0.22	41.91 1.36 0.58	38.88 1.04 0.67
GROVEVILLE___HYD 323602	36.33 1.66 0.00	34.55 1.42 0.00	32.43 1.22 0.00	32.00 1.23 0.00	31.99 1.14 0.00	34.03 1.40 0.00	42.37 1.55 0.00	48.52 1.96 1.26	51.76 1.99 0.00	49.18 2.07 0.00	51.00 2.24 0.00	49.92 2.20 0.00	48.91 2.24 0.00	48.94 2.29 0.00	48.56 2.27 0.00	49.43 2.08 0.00	53.83 2.42 0.00	62.72 2.87 0.00	69.41 3.18 0.00	67.54 2.91 0.00	52.61 2.31 0.00	44.68 1.98 0.25	42.06 1.56 0.65	38.92 1.16 0.74
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	34.42 -0.24 0.00	32.90 -0.23 0.00	30.93 -0.28 0.00	30.49 -0.28 0.00	30.60 -0.25 0.00	32.37 -0.26 0.00	40.58 -0.24 0.00	45.03 -0.19 2.60	51.29 -0.10 -1.63	50.17 -0.09 -3.16	52.21 -0.10 -3.55	50.97 -0.14 -3.38	48.04 -0.09 -1.46	47.98 -0.14 -1.46	47.42 -0.09 -1.22	48.60 -0.09 -1.35	52.65 -0.10 -1.35	64.25 0.06 -4.34	71.17 0.13 -4.81	69.46 0.13 -4.69	53.96 0.00 -3.66	43.66 -0.13 -0.84	41.73 -0.12 -0.71	38.61 -0.08 -0.19
HAMLTNNY_34_KV_TB 80303	34.49 -0.17 0.00	33.00 -0.13 0.00	30.99 -0.22 0.00	30.55 -0.22 0.00	30.66 -0.19 0.00	32.44 -0.20 0.00	40.66 -0.16 0.00	44.74 -0.14 2.93	51.24 -0.05 -1.52	49.97 -0.09 -2.95	52.03 -0.05 -3.32	50.79 -0.10 -3.16	47.94 -0.09 -1.36	47.89 -0.14 -1.37	47.35 -0.09 -1.14	48.56 -0.05 -1.26	52.57 -0.10 -1.26	63.95 0.06 -4.05	70.91 0.20 -4.48	69.20 0.19 -4.37	53.77 0.05 -3.43	43.51 -0.13 -0.68	41.43 -0.12 -0.41	38.34 -0.04 0.12

HAMPSHIRE___PAPER_HYD 323593	35.08 0.42 0.00	33.63 0.50 0.00	31.87 0.66 0.00	31.26 0.49 0.00	31.43 0.58 0.00	33.32 0.69 0.00	41.88 1.06 0.00	48.83 1.10 0.09	51.55 1.05 -0.74	49.29 0.75 -1.43	51.05 0.68 -1.61	50.27 1.00 -1.54	48.18 0.84 -0.66	47.93 0.60 -0.66	47.45 0.60 -0.55	48.86 0.90 -0.61	52.95 0.93 -0.61	62.72 0.90 -1.98	69.68 1.26 -2.19	68.06 1.29 -2.14	53.02 1.06 -1.66	44.83 1.29 -0.59	43.26 1.23 -0.88	40.35 1.12 -0.73
HARDSCRABBLE_WT_PWR 323673	35.36 0.69 0.00	33.79 0.66 0.00	31.87 0.66 0.00	31.38 0.62 0.00	31.49 0.65 0.00	33.35 0.72 0.00	41.76 0.94 0.00	48.96 1.15 0.00	50.96 1.19 0.00	48.19 1.08 0.00	49.93 1.17 0.00	48.92 1.19 0.00	47.89 1.21 0.00	47.87 1.21 0.00	47.55 1.25 0.00	48.67 1.32 0.00	52.80 1.39 0.00	61.52 1.67 0.00	68.15 1.92 0.00	66.57 1.94 0.00	51.80 1.51 0.00	44.37 1.42 0.00	42.42 1.28 0.00	39.70 1.19 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	36.26 1.59 0.00	34.45 1.33 0.00	32.33 1.12 0.00	31.90 1.14 0.00	31.89 1.05 0.00	33.97 1.34 0.00	42.33 1.51 0.00	48.34 1.96 1.44	51.76 1.99 0.00	49.09 1.98 0.00	51.00 2.24 0.00	49.87 2.15 0.00	48.82 2.15 0.00	48.90 2.24 0.00	48.52 2.22 0.00	49.34 1.99 0.00	53.77 2.36 0.00	62.72 2.87 0.00	69.34 3.11 0.00	67.54 2.91 0.00	52.56 2.26 0.00	44.56 1.89 0.28	41.92 1.52 0.74	38.73 1.08 0.85
HARSNRAD_115KV_TB1 81005	33.83 -0.83 0.00	32.76 -0.36 0.00	30.37 -0.84 0.00	29.97 -0.80 0.00	30.17 -0.68 0.00	31.65 -0.98 0.00	39.35 -1.47 0.00	44.71 -3.44 -0.34	48.07 -3.88 -2.18	47.96 -3.39 -4.25	49.77 -3.75 -4.77	48.65 -3.63 -4.55	45.04 -3.59 -1.96	45.12 -3.50 -1.96	44.37 -3.56 -1.64	45.84 -3.31 -1.81	48.79 -4.42 -1.81	60.64 -4.73 -5.52	67.77 -4.57 -6.11	65.82 -4.78 -5.96	51.05 -4.17 -4.93	41.18 -3.65 -1.88	41.50 -2.59 -2.95	40.12 -0.92 -2.54
HARZA MOOSE___RIVER 24016	35.15 0.49 0.00	33.59 0.46 0.00	31.90 0.69 0.00	31.32 0.55 0.00	31.46 0.62 0.00	33.35 0.72 0.00	41.92 1.10 0.00	48.10 1.10 0.81	51.39 1.09 -0.53	48.90 0.75 -1.04	50.56 0.63 -1.17	49.79 0.95 -1.11	48.04 0.89 -0.48	47.93 0.79 -0.48	47.53 0.83 -0.40	48.88 1.09 -0.44	53.03 1.18 -0.44	62.77 1.50 -1.43	69.80 1.99 -1.58	68.25 2.07 -1.55	53.06 1.56 -1.20	44.69 1.46 -0.28	42.63 1.23 -0.26	39.63 1.04 -0.09
HDSNBRDG_115KV_BRDG_TB1 355580	34.22 -0.45 0.00	32.73 -0.40 0.00	30.74 -0.47 0.00	30.34 -0.43 0.00	30.41 -0.43 0.00	32.17 -0.46 0.00	40.33 -0.49 0.00	41.06 -0.48 6.28	49.37 -0.40 0.00	46.68 -0.42 0.00	48.37 -0.39 0.00	47.30 -0.43 0.00	46.25 -0.42 0.00	46.24 -0.42 0.00	45.93 -0.37 0.00	46.97 -0.38 0.00	50.95 -0.46 0.00	59.49 -0.36 0.00	65.90 -0.33 0.00	64.31 -0.32 0.00	49.94 -0.35 0.00	41.29 -0.43 1.23	37.55 -0.37 3.22	34.53 -0.27 3.71
HELLGATE_13_KV_LD 55870	36.72 2.05 -0.01	34.93 1.79 -0.01	32.75 1.53 -0.01	32.31 1.54 -0.01	32.27 1.42 -0.01	34.36 1.73 0.00	42.33 1.51 0.00	48.36 1.82 1.27	51.51 1.74 0.00	49.04 1.93 0.00	50.95 2.19 0.00	49.87 2.15 0.00	48.92 2.24 0.00	48.99 2.33 0.00	48.61 2.31 0.00	49.39 2.04 0.00	53.67 2.26 0.00	62.41 2.57 0.01	69.00 2.78 0.01	67.21 2.59 0.01	52.35 2.06 0.01	44.63 1.93 0.25	42.17 1.69 0.65	39.22 1.46 0.75
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	36.72 2.05 -0.01	34.93 1.79 -0.01	32.75 1.53 -0.01	32.31 1.54 -0.01	32.27 1.42 -0.01	34.36 1.73 0.00	42.33 1.51 0.00	48.36 1.82 1.27	51.51 1.74 0.00	49.04 1.93 0.00	50.95 2.19 0.00	49.87 2.15 0.00	48.92 2.24 0.00	48.99 2.33 0.00	48.61 2.31 0.00	49.39 2.04 0.00	53.67 2.26 0.00	62.41 2.57 0.01	69.00 2.78 0.01	67.21 2.59 0.01	52.35 2.06 0.01	44.63 1.93 0.25	42.17 1.69 0.65	39.22 1.46 0.75
HEMPSTEAD____ 23647	35.95 1.28 0.00	34.02 0.89 0.00	31.87 0.66 0.00	31.47 0.71 0.00	31.37 0.52 0.00	33.64 1.01 0.00	41.51 0.69 0.01	47.29 0.81 1.34	50.55 0.79 0.01	48.05 0.94 0.01	50.12 1.36 0.00	49.01 1.29 0.00	48.17 1.49 0.00	48.29 1.63 0.00	47.87 1.57 0.00	48.58 1.23 0.00	53.05 1.64 0.00	61.70 1.86 0.00	67.95 1.72 0.00	66.18 1.55 0.00	51.66 1.36 0.00	44.08 1.37 0.25	41.73 1.23 0.64	38.69 0.92 0.74
HICKLING___1 23621	34.77 0.10 0.00	33.33 0.20 0.00	31.12 -0.09 0.00	30.70 -0.06 0.00	30.88 0.03 0.00	32.66 0.03 0.00	40.90 0.08 0.00	43.43 0.24 4.62	50.01 0.25 0.00	47.21 0.09 0.00	48.71 -0.05 0.00	47.63 -0.10 0.00	46.49 -0.19 0.00	46.47 -0.19 0.00	46.16 -0.14 0.00	47.26 -0.09 0.00	51.20 -0.21 0.00	60.15 0.30 -0.01	67.03 0.79 -0.01	65.29 0.65 -0.01	50.50 0.20 0.00	41.87 -0.17 0.91	38.80 0.04 2.38	36.30 0.54 2.75
HICKLING___2 23622	34.77 0.10 0.00	33.33 0.20 0.00	31.12 -0.09 0.00	30.70 -0.06 0.00	30.88 0.03 0.00	32.66 0.03 0.00	40.90 0.08 0.00	43.43 0.24 4.62	50.01 0.25 0.00	47.21 0.09 0.00	48.71 -0.05 0.00	47.63 -0.10 0.00	46.49 -0.19 0.00	46.47 -0.19 0.00	46.16 -0.14 0.00	47.26 -0.09 0.00	51.20 -0.21 0.00	60.15 0.30 -0.01	67.03 0.79 -0.01	65.29 0.65 -0.01	50.50 0.20 0.00	41.87 -0.17 0.91	38.80 0.04 2.38	36.30 0.54 2.75
HIGH FALLS___HY 23754	36.61 1.94 0.00	34.79 1.66 0.00	32.61 1.40 0.00	32.15 1.38 0.00	32.14 1.30 0.00	34.23 1.60 0.00	42.66 1.84 0.00	48.93 2.39 1.28	52.15 2.39 0.00	49.56 2.45 0.00	51.48 2.73 0.00	50.35 2.62 0.00	49.28 2.61 0.00	49.36 2.71 0.00	49.02 2.73 0.00	49.91 2.56 0.00	54.44 3.03 0.00	63.62 3.77 0.00	70.47 4.24 0.00	68.58 3.94 0.00	53.42 3.12 0.00	45.32 2.62 0.25	42.54 2.06 0.66	39.33 1.58 0.76
HIGH_RIVER___SOLAR 323847	35.74 1.08 0.00	34.09 0.96 0.00	32.18 0.97 0.00	31.69 0.92 0.00	31.80 0.96 0.00	33.68 1.04 0.00	42.21 1.39 0.00	48.39 1.67 1.10	51.06 1.29 0.00	47.77 0.66 0.00	49.20 0.44 0.00	48.11 0.38 0.00	47.28 0.61 0.00	47.36 0.70 0.00	47.13 0.83 0.00	48.44 1.09 0.00	52.74 1.33 0.00	61.70 1.86 0.00	68.61 2.38 0.00	66.90 2.26 0.00	51.95 1.66 0.00	44.20 1.46 0.21	41.81 1.23 0.56	38.79 0.92 0.64
HILLBURN___GT 23639	36.19 1.52 0.00	34.39 1.26 0.00	32.27 1.06 0.00	31.81 1.05 0.00	31.83 0.99 0.00	33.90 1.27 0.00	42.25 1.43 0.00	48.13 1.72 1.41	51.55 1.79 0.00	48.90 1.79 0.00	50.81 2.05 0.00	49.68 1.96 0.00	48.63 1.96 0.00	48.66 2.00 0.00	48.29 1.99 0.00	49.15 1.80 0.00	53.52 2.11 0.00	62.30 2.45 0.00	68.88 2.65 0.00	67.09 2.46 0.00	52.26 1.96 0.00	44.44 1.76 0.27	41.90 1.48 0.72	38.68 1.00 0.82
HILLSIDE_115KV_TB1 80332	34.46 -0.21 0.00	33.03 -0.10 0.00	30.83 -0.37 0.00	30.43 -0.34 0.00	30.60 -0.25 0.00	32.37 -0.26 0.00	40.54 -0.29 0.00	42.90 -0.14 4.77	49.57 -0.20 0.00	46.83 -0.28 0.00	48.32 -0.44 0.00	47.30 -0.43 0.00	46.11 -0.56 0.00	46.14 -0.51 0.00	45.83 -0.46 0.00	46.88 -0.47 0.00	50.74 -0.67 0.00	59.49 -0.36 -0.01	66.30 0.07 -0.01	64.58 -0.06 -0.01	49.95 -0.35 0.00	41.45 -0.56 0.94	38.31 -0.37 2.46	35.75 0.08 2.84

HISHELDN_WT_PWR 323625	34.01 -0.66 0.00	32.83 -0.30 0.00	30.52 -0.69 0.00	30.15 -0.62 0.00	30.29 -0.55 0.00	31.88 -0.75 0.00	39.72 -1.10 0.00	44.79 -2.01 1.02	49.10 -2.29 -1.62	48.05 -2.21 -3.16	49.77 -2.54 -3.55	48.58 -2.53 -3.39	45.56 -2.57 -1.46	45.74 -2.38 -1.46	45.06 -2.46 -1.22	46.37 -2.32 -1.34	49.73 -2.93 -1.25	61.04 -2.87 -4.06	68.48 -2.25 -4.50	66.58 -2.46 -4.40	51.35 -2.36 -3.41	41.80 -2.15 -1.00	40.66 -1.73 -1.25	38.99 -0.35 -0.83
HOLTSVILLE_IC_1 23690	35.85 1.18 0.00	33.86 0.73 0.00	31.65 0.44 0.00	31.26 0.49 0.00	31.15 0.31 0.00	33.54 0.91 0.00	41.06 0.25 0.01	46.59 0.19 1.42	50.05 0.30 0.02	47.62 0.52 0.01	49.78 1.03 0.00	48.63 0.90 0.00	47.89 1.21 0.00	48.06 1.40 0.00	47.64 1.34 0.00	48.35 1.00 0.00	52.85 1.44 0.00	61.34 1.50 0.00	67.42 1.19 0.00	65.67 1.03 0.00	51.40 1.11 0.00	43.82 1.11 0.25	41.65 1.15 0.64	38.80 1.04 0.74
HOLTSVILLE_IC_10 23699	35.98 1.32 0.00	33.96 0.83 0.00	31.77 0.56 0.00	31.38 0.62 0.00	31.28 0.43 0.00	33.68 1.04 0.00	41.22 0.41 0.01	46.78 0.38 1.42	50.30 0.55 0.01	47.85 0.75 0.01	50.07 1.32 0.00	48.92 1.19 0.00	48.17 1.49 0.00	48.34 1.68 0.00	47.92 1.62 0.00	48.63 1.28 0.00	53.21 1.80 0.00	61.70 1.86 0.00	67.82 1.59 0.00	66.05 1.42 0.00	51.76 1.46 0.00	44.08 1.37 0.25	41.85 1.36 0.64	39.00 1.23 0.74
HOLTSVILLE_IC_2 23691	35.85 1.18 0.00	33.86 0.73 0.00	31.65 0.44 0.00	31.26 0.49 0.00	31.15 0.31 0.00	33.54 0.91 0.00	41.06 0.25 0.01	46.59 0.19 1.42	50.05 0.30 0.02	47.62 0.52 0.01	49.78 1.03 0.00	48.63 0.90 0.00	47.89 1.21 0.00	48.06 1.40 0.00	47.64 1.34 0.00	48.35 1.00 0.00	52.85 1.44 0.00	61.34 1.50 0.00	67.42 1.19 0.00	65.67 1.03 0.00	51.40 1.11 0.00	43.82 1.11 0.25	41.65 1.15 0.64	38.80 1.04 0.74
HOLTSVILLE_IC_3 23692	35.85 1.18 0.00	33.86 0.73 0.00	31.65 0.44 0.00	31.26 0.49 0.00	31.15 0.31 0.00	33.54 0.91 0.00	41.06 0.25 0.01	46.59 0.19 1.42	50.05 0.30 0.02	47.62 0.52 0.01	49.78 1.03 0.00	48.63 0.90 0.00	47.89 1.21 0.00	48.06 1.40 0.00	47.64 1.34 0.00	48.35 1.00 0.00	52.85 1.44 0.00	61.34 1.50 0.00	67.42 1.19 0.00	65.67 1.03 0.00	51.40 1.11 0.00	43.82 1.11 0.25	41.65 1.15 0.64	38.80 1.04 0.74
HOLTSVILLE_IC_4 23693	35.85 1.18 0.00	33.86 0.73 0.00	31.65 0.44 0.00	31.26 0.49 0.00	31.15 0.31 0.00	33.54 0.91 0.00	41.06 0.25 0.01	46.59 0.19 1.42	50.05 0.30 0.02	47.62 0.52 0.01	49.78 1.03 0.00	48.63 0.90 0.00	47.89 1.21 0.00	48.06 1.40 0.00	47.64 1.34 0.00	48.35 1.00 0.00	52.85 1.44 0.00	61.34 1.50 0.00	67.42 1.19 0.00	65.67 1.03 0.00	51.40 1.11 0.00	43.82 1.11 0.25	41.65 1.15 0.64	38.80 1.04 0.74
HOLTSVILLE_IC_5 23694	35.85 1.18 0.00	33.86 0.73 0.00	31.65 0.44 0.00	31.26 0.49 0.00	31.15 0.31 0.00	33.54 0.91 0.00	41.06 0.25 0.01	46.59 0.19 1.42	50.05 0.30 0.02	47.62 0.52 0.01	49.78 1.03 0.00	48.63 0.90 0.00	47.89 1.21 0.00	48.06 1.40 0.00	47.64 1.34 0.00	48.35 1.00 0.00	52.85 1.44 0.00	61.34 1.50 0.00	67.42 1.19 0.00	65.67 1.03 0.00	51.40 1.11 0.00	43.82 1.11 0.25	41.65 1.15 0.64	38.80 1.04 0.74
HOLTSVILLE_IC_6 23695	35.98 1.32 0.00	33.96 0.83 0.00	31.77 0.56 0.00	31.38 0.62 0.00	31.28 0.43 0.00	33.68 1.04 0.00	41.22 0.41 0.01	46.78 0.38 1.42	50.30 0.55 0.01	47.85 0.75 0.01	50.07 1.32 0.00	48.92 1.19 0.00	48.17 1.49 0.00	48.34 1.68 0.00	47.92 1.62 0.00	48.63 1.28 0.00	53.21 1.80 0.00	61.70 1.86 0.00	67.82 1.59 0.00	66.05 1.42 0.00	51.76 1.46 0.00	44.08 1.37 0.25	41.85 1.36 0.64	39.00 1.23 0.74
HOLTSVILLE_IC_7 23696	35.98 1.32 0.00	33.96 0.83 0.00	31.77 0.56 0.00	31.38 0.62 0.00	31.28 0.43 0.00	33.68 1.04 0.00	41.22 0.41 0.01	46.78 0.38 1.42	50.30 0.55 0.01	47.85 0.75 0.01	50.07 1.32 0.00	48.92 1.19 0.00	48.17 1.49 0.00	48.34 1.68 0.00	47.92 1.62 0.00	48.63 1.28 0.00	53.21 1.80 0.00	61.70 1.86 0.00	67.82 1.59 0.00	66.05 1.42 0.00	51.76 1.46 0.00	44.08 1.37 0.25	41.85 1.36 0.64	39.00 1.23 0.74
HOLTSVILLE_IC_8 23697	35.98 1.32 0.00	33.96 0.83 0.00	31.77 0.56 0.00	31.38 0.62 0.00	31.28 0.43 0.00	33.68 1.04 0.00	41.22 0.41 0.01	46.78 0.38 1.42	50.30 0.55 0.01	47.85 0.75 0.01	50.07 1.32 0.00	48.92 1.19 0.00	48.17 1.49 0.00	48.34 1.68 0.00	47.92 1.62 0.00	48.63 1.28 0.00	53.21 1.80 0.00	61.70 1.86 0.00	67.82 1.59 0.00	66.05 1.42 0.00	51.76 1.46 0.00	44.08 1.37 0.25	41.85 1.36 0.64	39.00 1.23 0.74
HOLTSVILLE_IC_9 23698	35.98 1.32 0.00	33.96 0.83 0.00	31.77 0.56 0.00	31.38 0.62 0.00	31.28 0.43 0.00	33.68 1.04 0.00	41.22 0.41 0.01	46.78 0.38 1.42	50.30 0.55 0.01	47.85 0.75 0.01	50.07 1.32 0.00	48.92 1.19 0.00	48.17 1.49 0.00	48.34 1.68 0.00	47.92 1.62 0.00	48.63 1.28 0.00	53.21 1.80 0.00	61.70 1.86 0.00	67.82 1.59 0.00	66.05 1.42 0.00	51.76 1.46 0.00	44.08 1.37 0.25	41.85 1.36 0.64	39.00 1.23 0.74
HOMER_HL_115KV_TB2 355744	33.63 -1.04 0.00	32.33 -0.80 0.00	30.02 -1.19 0.00	29.63 -1.14 0.00	29.89 -0.96 0.00	31.59 -1.04 0.00	39.68 -1.14 0.00	46.88 0.05 0.98	51.50 0.00 -1.74	50.45 -0.05 -3.39	52.32 -0.24 -3.81	51.16 -0.19 -3.63	47.81 -0.42 -1.55	47.89 -0.33 -1.56	47.50 -0.09 -1.30	48.59 -0.19 -1.43	52.53 -0.31 -1.43	64.00 0.06 -4.09	71.49 0.73 -4.53	69.65 0.58 -4.43	54.18 -0.05 -3.93	43.87 -0.39 -1.30	43.15 0.16 -1.84	40.84 0.92 -1.41
HOWARD_WT_PWR 323690	34.35 -0.31 0.00	33.03 -0.10 0.00	30.80 -0.41 0.00	30.46 -0.31 0.00	30.60 -0.25 0.00	32.37 -0.26 0.00	40.49 -0.33 0.00	44.77 -0.48 2.57	49.82 -0.85 -0.90	47.73 -1.13 -1.75	49.21 -1.51 -1.97	47.93 -1.67 -1.88	45.76 -1.73 -0.81	45.93 -1.54 -0.81	45.40 -1.57 -0.68	46.72 -1.37 -0.75	50.58 -1.54 -0.71	61.32 -0.84 -2.31	68.73 -0.07 -2.56	66.94 -0.19 -2.50	51.69 -0.55 -1.94	42.30 -0.77 -0.12	40.09 -0.58 0.47	37.97 0.35 0.88
HQ_GEN_CEDARS 23644	34.94 0.28 0.00	33.53 0.40 0.00	31.61 0.41 0.00	31.07 0.31 0.00	31.19 0.34 0.00	32.99 0.36 0.00	41.39 0.57 0.00	48.34 0.53 0.00	50.26 0.50 0.00	47.63 0.52 0.00	49.29 0.54 0.00	48.39 0.67 0.00	47.23 0.56 0.00	47.17 0.51 0.00	46.67 0.37 0.00	47.87 0.52 0.00	51.97 0.57 0.00	60.33 0.48 0.00	66.69 0.46 0.00	65.09 0.45 0.00	50.75 0.45 0.00	43.47 0.52 0.00	41.76 0.62 0.00	39.16 0.65 0.00
HQ_GEN_CEDARS_PROXY 323590	34.94 0.28 0.00	33.53 0.40 0.00	31.61 0.40 0.00	31.07 0.31 0.00	31.19 0.34 0.00	32.99 0.36 0.00	41.39 0.57 0.00	48.44 0.62 0.00	50.41 0.65 0.00	47.77 0.66 0.00	49.44 0.68 0.00	48.54 0.81 0.00	47.38 0.70 0.00	47.26 0.60 0.00	46.81 0.51 0.00	47.96 0.61 0.00	52.08 0.67 0.00	60.51 0.66 0.00	66.83 0.59 0.00	65.28 0.65 0.00	50.90 0.61 0.00	43.47 0.52 0.00	41.76 0.62 0.00	39.16 0.65 0.00

HQ_GEN_IMPORT 323601	34.77 0.10 0.00	33.26 0.13 0.00	31.33 0.13 0.00	30.86 0.09 0.00	30.97 0.12 0.00	32.76 0.13 0.00	40.99 0.16 0.00	48.01 0.19 0.00	49.97 0.20 0.00	47.35 0.24 0.00	49.00 0.25 0.00	48.01 0.29 0.00	46.91 0.23 0.00	46.89 0.23 0.00	46.48 0.19 0.00	47.59 0.24 0.00	51.67 0.26 0.00	60.09 0.24 0.00	66.43 0.20 0.00	64.83 0.19 0.00	50.50 0.20 0.00	43.08 0.13 0.00	41.35 0.21 0.00	38.74 0.23 0.00
HQ_GEN_WHEEL 23651	34.77 0.10 0.00	33.26 0.13 0.00	31.33 0.13 0.00	30.86 0.09 0.00	30.97 0.12 0.00	32.76 0.13 0.00	40.99 0.16 0.00	48.01 0.19 0.00	49.97 0.20 0.00	47.35 0.24 0.00	49.00 0.25 0.00	48.01 0.29 0.00	46.91 0.23 0.00	46.89 0.23 0.00	46.48 0.19 0.00	47.59 0.24 0.00	51.67 0.26 0.00	60.09 0.24 0.00	66.43 0.20 0.00	64.83 0.19 0.00	50.50 0.20 0.00	43.08 0.13 0.00	41.35 0.21 0.00	38.74 0.23 0.00
HUDSON AVE_GT_3 23810	36.43 1.77 0.00	34.62 1.49 0.00	32.46 1.25 0.00	32.03 1.26 0.00	31.99 1.14 0.00	34.13 1.50 0.00	42.37 1.55 0.00	48.51 1.96 1.27	51.66 1.89 0.00	49.18 2.07 0.00	51.05 2.29 0.00	49.97 2.24 0.00	48.96 2.29 0.00	49.04 2.38 0.00	48.66 2.36 0.00	49.48 2.13 0.00	53.83 2.42 0.00	62.66 2.81 0.00	69.28 3.05 0.00	67.41 2.78 0.00	52.56 2.26 0.00	44.68 1.98 0.25	42.09 1.60 0.65	38.99 1.23 0.75
HUDSON AVE_GT_4 23540	36.43 1.77 0.00	34.62 1.49 0.00	32.46 1.25 0.00	32.03 1.26 0.00	31.99 1.14 0.00	34.13 1.50 0.00	42.37 1.55 0.00	48.51 1.96 1.27	51.66 1.89 0.00	49.18 2.07 0.00	51.05 2.29 0.00	49.97 2.24 0.00	48.96 2.29 0.00	49.04 2.38 0.00	48.66 2.36 0.00	49.48 2.13 0.00	53.83 2.42 0.00	62.66 2.81 0.00	69.28 3.05 0.00	67.41 2.78 0.00	52.56 2.26 0.00	44.68 1.98 0.25	42.09 1.60 0.65	38.99 1.23 0.75
HUDSON AVE_GT_5 23657	36.43 1.77 0.00	34.62 1.49 0.00	32.46 1.25 0.00	32.03 1.26 0.00	31.99 1.14 0.00	34.13 1.50 0.00	42.37 1.55 0.00	48.51 1.96 1.27	51.66 1.89 0.00	49.18 2.07 0.00	51.05 2.29 0.00	49.97 2.24 0.00	48.96 2.29 0.00	49.04 2.38 0.00	48.66 2.36 0.00	49.48 2.13 0.00	53.83 2.42 0.00	62.66 2.81 0.00	69.28 3.05 0.00	67.41 2.78 0.00	52.56 2.26 0.00	44.68 1.98 0.25	42.09 1.60 0.65	38.99 1.23 0.75
HUDSON_AVE_10 24168	36.33 1.66 0.00	34.52 1.39 0.00	32.39 1.19 0.00	31.94 1.17 0.00	31.89 1.05 0.00	34.03 1.40 0.00	42.29 1.47 0.00	48.41 1.86 1.27	51.56 1.79 0.00	49.09 1.98 0.00	50.95 2.19 0.00	49.83 2.10 0.00	48.82 2.15 0.00	48.90 2.24 0.00	48.52 2.22 0.00	49.34 1.99 0.00	53.72 2.31 0.00	62.48 2.63 0.00	69.15 2.91 0.00	67.28 2.65 0.00	52.46 2.16 0.00	44.55 1.85 0.25	42.01 1.52 0.65	38.91 1.16 0.75
HUDSON___115KV_TB 4 355613	35.53 0.87 0.00	33.92 0.80 0.00	31.96 0.75 0.00	31.54 0.77 0.00	31.59 0.74 0.00	34.07 1.44 0.00	42.58 1.76 0.00	49.01 2.15 0.96	51.76 1.99 0.00	48.38 1.27 0.00	49.37 0.63 0.02	48.23 0.52 0.02	47.26 0.61 0.02	47.29 0.65 0.02	46.92 0.65 0.02	48.06 0.71 0.00	51.72 0.31 0.00	60.27 0.42 0.00	66.76 0.53 0.00	65.09 0.45 0.00	50.75 0.45 0.00	43.15 0.39 0.19	40.98 0.33 0.49	38.21 0.27 0.57
HUNTER MOUNT___DRP 323613	35.60 0.94 0.00	33.99 0.86 0.00	32.02 0.81 0.00	31.60 0.83 0.00	31.65 0.80 0.00	33.90 1.27 0.00	42.41 1.59 0.00	48.74 1.91 0.99	51.56 1.79 0.00	48.15 1.04 0.00	49.08 0.34 0.02	47.99 0.29 0.02	47.07 0.42 0.02	47.06 0.42 0.02	46.69 0.42 0.02	47.78 0.43 0.00	51.72 0.31 0.00	60.33 0.48 0.00	66.89 0.66 0.00	65.15 0.52 0.00	50.80 0.50 0.00	43.19 0.43 0.19	41.04 0.41 0.51	38.23 0.31 0.58
HUNTINGTON_RES_REC 323705	35.88 1.21 0.00	33.89 0.76 0.00	31.71 0.50 0.00	31.32 0.55 0.00	31.28 0.43 0.00	33.64 1.01 0.00	41.18 0.37 0.01	46.69 0.29 1.42	50.10 0.35 0.01	47.67 0.57 0.01	49.78 1.03 0.00	48.68 0.95 0.00	47.94 1.26 0.00	48.11 1.45 0.00	47.68 1.39 0.00	48.39 1.04 0.00	52.90 1.49 0.00	61.40 1.55 0.00	67.56 1.32 0.00	65.80 1.16 0.00	51.50 1.21 0.00	43.82 1.11 0.25	41.77 1.28 0.64	38.88 1.12 0.74
HUNTLEY___63 23557	34.15 -0.52 0.00	33.06 -0.07 0.00	30.65 -0.56 0.00	30.24 -0.52 0.00	30.48 -0.37 0.00	31.91 -0.72 0.00	39.56 -1.27 0.00	45.19 -2.77 -0.15	48.89 -2.99 -2.11	48.57 -2.64 -4.10	50.40 -2.97 -4.61	49.26 -2.86 -4.40	45.85 -2.71 -1.89	45.94 -2.61 -1.89	45.01 -2.87 -1.58	46.68 -2.41 -1.74	49.81 -3.34 -1.74	61.54 -3.59 -5.28	68.77 -3.31 -5.85	66.80 -3.55 -5.72	51.84 -3.22 -4.76	41.86 -2.88 -1.79	41.98 -1.93 -2.77	40.27 -0.58 -2.34
HUNTLEY___64 23558	34.15 -0.52 0.00	33.06 -0.07 0.00	30.65 -0.56 0.00	30.24 -0.52 0.00	30.48 -0.37 0.00	31.91 -0.72 0.00	39.56 -1.27 0.00	45.19 -2.77 -0.15	48.89 -2.99 -2.11	48.57 -2.64 -4.10	50.40 -2.97 -4.61	49.26 -2.86 -4.40	45.85 -2.71 -1.89	45.94 -2.61 -1.89	45.01 -2.87 -1.58	46.68 -2.41 -1.74	49.81 -3.34 -1.74	61.54 -3.59 -5.28	68.77 -3.31 -5.85	66.80 -3.55 -5.72	51.84 -3.22 -4.76	41.86 -2.88 -1.79	41.98 -1.93 -2.77	40.27 -0.58 -2.34
HUNTLEY___65 23559	34.15 -0.52 0.00	33.06 -0.07 0.00	30.65 -0.56 0.00	30.24 -0.52 0.00	30.48 -0.37 0.00	31.91 -0.72 0.00	39.56 -1.27 0.00	45.19 -2.77 -0.15	48.89 -2.99 -2.11	48.57 -2.64 -4.10	50.40 -2.97 -4.61	49.26 -2.86 -4.40	45.85 -2.71 -1.89	45.94 -2.61 -1.89	45.01 -2.87 -1.58	46.68 -2.41 -1.74	49.81 -3.34 -1.74	61.54 -3.59 -5.28	68.77 -3.31 -5.85	66.80 -3.55 -5.72	51.84 -3.22 -4.76	41.86 -2.88 -1.79	41.98 -1.93 -2.77	40.27 -0.58 -2.34
HUNTLEY___66 23560	34.15 -0.52 0.00	33.06 -0.07 0.00	30.65 -0.56 0.00	30.24 -0.52 0.00	30.48 -0.37 0.00	31.91 -0.72 0.00	39.56 -1.27 0.00	45.19 -2.77 -0.15	48.89 -2.99 -2.11	48.57 -2.64 -4.10	50.40 -2.97 -4.61	49.26 -2.86 -4.40	45.85 -2.71 -1.89	45.94 -2.61 -1.89	45.01 -2.87 -1.58	46.68 -2.41 -1.74	49.81 -3.34 -1.74	61.54 -3.59 -5.28	68.77 -3.31 -5.85	66.80 -3.55 -5.72	51.84 -3.22 -4.76	41.86 -2.88 -1.79	41.98 -1.93 -2.77	40.27 -0.58 -2.34
HUNTLEY___67 23561	33.90 -0.76 0.00	32.83 -0.30 0.00	30.43 -0.78 0.00	30.03 -0.74 0.00	30.26 -0.59 0.00	31.75 -0.88 0.00	39.48 -1.35 0.00	44.93 -3.01 -0.13	48.61 -3.23 -2.08	48.26 -2.92 -4.08	50.12 -3.22 -4.58	48.99 -3.10 -4.37	45.50 -3.03 -1.86	45.58 -2.94 -1.86	44.98 -2.87 -1.56	46.32 -2.75 -1.72	49.53 -3.60 -1.72	61.19 -3.89 -5.23	68.38 -3.64 -5.80	66.49 -3.81 -5.67	51.56 -3.47 -4.73	41.62 -3.09 -1.76	41.71 -2.18 -2.75	39.84 -0.92 -2.25
HUNTLEY___68 23562	33.90 -0.76 0.00	32.83 -0.30 0.00	30.43 -0.78 0.00	30.03 -0.74 0.00	30.26 -0.59 0.00	31.75 -0.88 0.00	39.48 -1.35 0.00	44.93 -3.01 -0.13	48.61 -3.23 -2.08	48.26 -2.92 -4.08	50.12 -3.22 -4.58	48.99 -3.10 -4.37	45.50 -3.03 -1.86	45.58 -2.94 -1.86	44.98 -2.87 -1.56	46.32 -2.75 -1.72	49.53 -3.60 -1.72	61.19 -3.89 -5.23	68.38 -3.64 -5.80	66.49 -3.81 -5.67	51.56 -3.47 -4.73	41.62 -3.09 -1.76	41.71 -2.18 -2.75	39.84 -0.92 -2.25



HYLAND___LFGE 323620	35.67 1.01 0.00	34.36 1.23 0.00	32.05 0.84 0.00	31.72 0.95 0.00	31.80 0.96 0.00	33.64 1.01 0.00	42.25 1.43 0.00	48.37 1.34 0.79	52.52 1.05 -1.71	50.57 0.14 -3.32	51.86 -0.64 -3.73	50.24 -1.05 -3.56	46.85 -1.36 -1.53	47.17 -1.03 -1.54	46.65 -0.93 -1.28	48.34 -0.43 -1.42	52.52 -0.26 -1.37	65.41 1.13 -4.43	73.59 2.45 -4.90	72.07 2.65 -4.79	55.52 1.51 -3.72	45.02 0.90 -1.17	43.64 0.95 -1.56	41.11 1.46 -1.15
INDECK___CORINTH 23802	35.36 0.69 0.00	33.69 0.56 0.00	31.80 0.59 0.00	31.32 0.55 0.00	31.40 0.56 0.00	33.22 0.59 0.00	41.64 0.82 0.00	47.90 0.96 0.87	50.66 0.90 0.00	47.96 0.85 0.00	49.64 0.88 0.00	48.49 0.76 0.00	47.33 0.65 0.00	47.36 0.70 0.00	47.03 0.74 0.00	48.15 0.80 0.00	52.34 0.93 0.00	60.93 1.08 0.00	67.62 1.39 0.00	65.93 1.29 0.00	51.20 0.91 0.00	43.51 0.73 0.17	41.31 0.62 0.44	38.30 0.31 0.51
INDECK___ILION 23567	35.15 0.49 0.00	33.56 0.43 0.00	31.65 0.44 0.00	31.17 0.40 0.00	31.28 0.43 0.00	33.12 0.49 0.00	41.43 0.61 0.00	48.58 0.77 0.00	50.56 0.80 0.00	47.86 0.75 0.00	49.54 0.78 0.00	48.54 0.81 0.00	47.47 0.79 0.00	47.45 0.79 0.00	47.13 0.83 0.00	48.20 0.85 0.00	52.33 0.93 0.00	60.92 1.08 0.00	67.49 1.26 0.00	65.86 1.23 0.00	51.25 0.96 0.00	43.85 0.90 0.00	41.92 0.78 0.00	39.20 0.69 0.00
INDECK___OLEAN 23982	33.63 -1.04 0.00	32.33 -0.80 0.00	30.05 -1.15 0.00	29.69 -1.08 0.00	29.89 -0.96 0.00	31.65 -0.98 0.00	39.68 -1.14 0.00	46.88 0.05 0.98	51.55 0.05 -1.74	50.35 -0.14 -3.39	52.27 -0.29 -3.81	51.07 -0.28 -3.63	47.67 -0.56 -1.55	47.84 -0.37 -1.56	47.37 -0.23 -1.30	48.45 -0.33 -1.43	52.15 -0.51 -1.25	63.88 -0.06 -4.09	71.49 0.73 -4.53	69.58 0.51 -4.43	53.63 -0.10 -3.43	43.62 -0.35 -1.02	42.35 -0.08 -1.29	40.29 0.92 -0.86
INDECK___OSWEGO 23783	33.90 -0.76 0.00	32.40 -0.73 0.00	30.49 -0.72 0.00	30.06 -0.71 0.00	30.14 -0.71 0.00	31.88 -0.75 0.00	39.96 -0.86 0.00	51.00 -1.29 -4.47	53.02 -1.34 -4.59	54.71 -1.32 -8.92	57.42 -1.36 -10.02	55.90 -1.39 -9.56	49.44 -1.36 -4.12	49.44 -1.35 -4.13	48.40 -1.34 -3.45	49.88 -1.28 -3.80	53.77 -1.44 -3.80	70.59 -1.56 -12.30	78.20 -1.65 -13.63	76.38 -1.55 -13.30	59.38 -1.26 -10.34	46.51 -1.12 -4.68	48.06 -1.15 -8.07	45.00 -1.00 -7.49
INDECK___YERKES 23781	34.18 -0.49 0.00	33.10 -0.03 0.00	30.71 -0.50 0.00	30.40 -0.37 0.00	30.51 -0.34 0.00	31.98 -0.65 0.00	39.56 -1.27 0.00	45.24 -2.72 -0.15	48.98 -2.89 -2.11	48.53 -2.68 -4.10	50.39 -2.98 -4.61	49.26 -2.86 -4.40	45.76 -2.86 -1.89	45.94 -2.61 -1.89	44.91 -2.96 -1.58	46.63 -2.46 -1.74	49.59 -3.44 -1.62	61.42 -3.71 -5.28	68.84 -3.24 -5.85	66.86 -3.49 -5.71	51.51 -3.22 -4.44	41.63 -2.92 -1.60	41.29 -2.26 -2.41	39.94 -0.54 -1.98
INDIAN POINT_GT_1 24139	36.16 1.49 0.00	34.39 1.26 0.00	32.27 1.06 0.00	31.84 1.08 0.00	31.80 0.96 0.00	33.87 1.24 0.00	42.13 1.31 0.00	48.18 1.67 1.31	51.41 1.64 0.00	48.85 1.74 0.00	50.76 2.00 0.00	49.68 1.96 0.00	48.64 1.96 0.00	48.66 2.01 0.00	48.29 1.99 0.00	49.15 1.80 0.00	53.52 2.11 0.00	62.24 2.39 0.00	68.88 2.65 0.00	67.03 2.39 0.00	52.26 1.96 0.00	44.37 1.68 0.26	41.78 1.32 0.67	38.65 0.92 0.78
INDIAN POINT_GT_2 23659	36.16 1.49 0.00	34.39 1.26 0.00	32.27 1.06 0.00	31.84 1.08 0.00	31.80 0.96 0.00	33.87 1.24 0.00	42.13 1.31 0.00	48.18 1.67 1.31	51.41 1.64 0.00	48.85 1.74 0.00	50.76 2.00 0.00	49.68 1.96 0.00	48.64 1.96 0.00	48.66 2.01 0.00	48.29 1.99 0.00	49.15 1.80 0.00	53.52 2.11 0.00	62.24 2.39 0.00	68.88 2.65 0.00	67.03 2.39 0.00	52.26 1.96 0.00	44.37 1.68 0.26	41.78 1.32 0.67	38.65 0.92 0.78
INDIAN POINT_GT_3 24019	36.16 1.49 0.00	34.39 1.26 0.00	32.27 1.06 0.00	31.84 1.08 0.00	31.80 0.96 0.00	33.87 1.24 0.00	42.13 1.31 0.00	48.18 1.67 1.31	51.41 1.64 0.00	48.85 1.74 0.00	50.76 2.00 0.00	49.68 1.96 0.00	48.64 1.96 0.00	48.66 2.01 0.00	48.29 1.99 0.00	49.15 1.80 0.00	53.52 2.11 0.00	62.24 2.39 0.00	68.88 2.65 0.00	67.03 2.39 0.00	52.26 1.96 0.00	44.37 1.68 0.26	41.78 1.32 0.67	38.65 0.92 0.78
INDIAN POINT___2 23530	36.16 1.49 0.00	34.36 1.23 0.00	32.24 1.03 0.00	31.78 1.01 0.00	31.77 0.92 0.00	33.87 1.24 0.00	42.13 1.31 0.00	48.05 1.58 1.35	51.36 1.59 0.00	48.71 1.60 0.00	50.61 1.85 0.00	49.54 1.81 0.00	48.49 1.82 0.00	48.53 1.87 0.00	48.15 1.85 0.00	49.01 1.66 0.00	53.36 1.95 0.00	62.12 2.27 0.00	68.68 2.45 0.00	66.90 2.26 0.00	52.10 1.81 0.00	44.32 1.63 0.26	41.86 1.40 0.68	38.64 0.92 0.79
INDIAN POINT___3 23531	36.12 1.46 0.00	34.35 1.23 0.00	32.24 1.03 0.00	31.81 1.05 0.00	31.77 0.93 0.00	33.84 1.21 0.00	42.13 1.31 0.00	48.14 1.63 1.31	51.36 1.59 0.00	48.80 1.70 0.00	50.71 1.95 0.00	49.63 1.91 0.00	48.59 1.91 0.00	48.62 1.96 0.00	48.24 1.94 0.00	49.10 1.75 0.00	53.41 2.00 0.00	62.18 2.33 0.00	68.75 2.52 0.00	67.03 2.39 0.00	52.21 1.91 0.00	44.33 1.63 0.26	41.74 1.28 0.67	38.66 0.92 0.77
INGHAM_C_115KV_TB7 356103	35.71 1.04 0.00	34.12 0.99 0.00	32.18 0.97 0.00	31.69 0.92 0.00	31.80 0.96 0.00	33.68 1.04 0.00	42.17 1.35 0.00	49.44 1.63 0.00	51.46 1.69 0.00	48.66 1.55 0.00	50.42 1.66 0.00	49.40 1.67 0.00	48.36 1.68 0.00	48.34 1.68 0.00	48.01 1.71 0.00	49.15 1.80 0.00	53.26 1.85 0.00	62.06 2.21 0.00	68.81 2.58 0.00	67.22 2.59 0.00	52.26 1.96 0.00	44.80 1.85 0.00	42.79 1.65 0.00	40.05 1.54 0.00
IP CORINTH___1 23988	35.53 0.87 0.00	33.89 0.76 0.00	31.99 0.78 0.00	31.54 0.77 0.00	31.59 0.74 0.00	33.41 0.78 0.00	41.88 1.06 0.00	48.24 1.29 0.87	51.01 1.24 0.00	48.29 1.18 0.00	49.98 1.22 0.00	48.82 1.10 0.00	47.66 0.98 0.00	47.68 1.03 0.00	47.36 1.06 0.00	48.49 1.14 0.00	52.69 1.29 0.00	61.34 1.50 0.00	68.09 1.85 0.00	66.38 1.75 0.00	51.55 1.26 0.00	43.81 1.03 0.17	41.51 0.82 0.45	38.53 0.54 0.52
IP___TICONDEROGA 23804	36.89 2.22 0.00	35.18 2.05 0.00	33.21 2.00 0.00	32.67 1.91 0.00	32.79 1.94 0.00	34.72 2.09 0.00	43.56 2.74 0.00	50.29 3.35 0.87	52.95 3.18 0.00	50.08 2.97 0.00	51.88 3.12 0.00	50.59 2.86 0.00	49.24 2.57 0.00	49.32 2.66 0.00	48.98 2.69 0.00	50.24 2.89 0.00	54.65 3.24 0.00	63.74 3.89 0.00	71.07 4.83 0.00	69.22 4.59 0.00	53.67 3.37 0.00	45.53 2.75 0.17	43.08 2.39 0.45	39.95 1.96 0.52
ISLIP_RES_REC 323679	36.09 1.42 0.00	34.06 0.93 0.00	31.87 0.66 0.00	31.47 0.71 0.00	31.37 0.52 0.00	33.77 1.14 0.00	41.39 0.57 0.01	46.93 0.53 1.42	50.54 0.79 0.01	48.09 0.99 0.01	50.32 1.56 0.00	49.16 1.43 0.00	48.45 1.77 0.00	48.62 1.96 0.00	48.19 1.90 0.00	48.91 1.56 0.00	53.47 2.06 0.00	62.06 2.22 0.00	68.22 1.99 0.00	66.44 1.81 0.00	52.01 1.71 0.00	44.29 1.59 0.25	42.02 1.52 0.64	39.15 1.38 0.74

JAMAICA__27_KV_LOAD 355505	36.50 1.84 0.00	34.69 1.56 0.00	32.49 1.28 0.00	32.03 1.26 0.00	31.99 1.14 0.00	34.17 1.53 0.00	42.54 1.71 0.00	48.70 2.15 1.27	51.86 2.09 0.00	49.32 2.21 0.00	51.10 2.34 0.00	50.02 2.29 0.00	49.01 2.33 0.00	49.08 2.43 0.00	48.70 2.41 0.00	49.53 2.18 0.00	53.98 2.57 0.00	62.84 2.99 0.00	69.54 3.31 0.00	67.74 3.10 0.00	52.76 2.46 0.00	44.81 2.10 0.25	42.30 1.81 0.65	39.10 1.35 0.75
JANIS__SOLAR 323808	35.64 0.97 0.00	34.09 0.96 0.00	32.02 0.81 0.00	31.50 0.74 0.00	31.65 0.80 0.00	33.58 0.95 0.00	42.25 1.43 0.00	44.10 1.77 5.49	51.46 1.69 0.00	48.29 1.18 0.00	49.73 0.97 0.00	48.63 0.90 0.00	47.52 0.84 0.00	47.45 0.79 0.00	47.17 0.88 0.00	48.58 1.23 0.00	52.95 1.54 0.00	62.25 2.40 0.00	69.41 3.18 0.00	67.80 3.17 0.00	52.61 2.31 0.00	43.68 1.80 1.07	39.81 1.48 2.81	36.77 1.50 3.23
JARVIS____ 23743	34.77 0.10 0.00	33.20 0.07 0.00	31.30 0.09 0.00	30.86 0.09 0.00	30.94 0.09 0.00	32.73 0.10 0.00	40.95 0.12 0.00	47.96 0.14 0.00	49.92 0.15 0.00	47.25 0.14 0.00	48.86 0.10 0.00	47.82 0.10 0.00	46.82 0.14 0.00	46.80 0.14 0.00	46.44 0.14 0.00	47.49 0.14 0.00	51.56 0.15 0.00	60.03 0.18 0.00	66.43 0.20 0.00	64.83 0.19 0.00	50.45 0.15 0.00	43.12 0.17 0.00	41.26 0.12 0.00	38.58 0.08 0.00
JENNISON____1 23625	35.78 1.11 0.00	34.19 1.06 0.00	32.15 0.94 0.00	31.60 0.83 0.00	31.74 0.89 0.00	33.64 1.01 0.00	42.25 1.43 0.00	44.45 1.82 5.19	51.22 1.89 0.44	47.81 1.55 0.85	49.26 1.46 0.96	48.29 1.48 0.91	47.68 1.40 0.39	47.62 1.35 0.40	47.35 1.39 0.33	48.64 1.66 0.36	52.84 1.80 0.36	61.14 2.39 1.10	67.99 2.98 1.22	66.35 2.91 1.19	51.42 2.11 0.99	43.33 1.76 1.38	39.40 1.48 3.22	36.39 1.42 3.54
JENNISON____2 23626	35.78 1.11 0.00	34.19 1.06 0.00	32.15 0.94 0.00	31.60 0.83 0.00	31.74 0.89 0.00	33.64 1.01 0.00	42.25 1.43 0.00	44.45 1.82 5.19	51.22 1.89 0.44	47.81 1.55 0.85	49.26 1.46 0.96	48.29 1.48 0.91	47.68 1.40 0.39	47.62 1.35 0.40	47.35 1.39 0.33	48.64 1.66 0.36	52.84 1.80 0.36	61.14 2.39 1.10	67.99 2.98 1.22	66.35 2.91 1.19	51.42 2.11 0.99	43.33 1.76 1.38	39.40 1.48 3.22	36.39 1.42 3.54
JERICOHO_RISE_WT_PWR 323719	34.70 0.03 0.00	33.33 0.20 0.00	31.43 0.22 0.00	30.95 0.19 0.00	31.09 0.25 0.00	32.89 0.26 0.00	41.11 0.29 0.00	48.06 0.24 0.00	50.07 0.30 0.00	47.44 0.33 0.00	49.15 0.39 0.00	48.20 0.48 0.00	47.05 0.37 0.00	46.94 0.28 0.00	46.48 0.19 0.00	47.64 0.29 0.00	51.77 0.36 0.00	60.15 0.30 0.00	66.43 0.20 0.00	64.76 0.13 0.00	50.50 0.20 0.00	43.08 0.13 0.00	41.51 0.37 0.00	39.12 0.61 0.00
KATONAH__115KV_46KV_TB4 355592	36.30 1.63 0.00	34.52 1.39 0.00	32.39 1.19 0.00	31.97 1.20 0.00	31.96 1.11 0.00	33.97 1.34 0.00	42.25 1.43 0.00	48.40 1.82 1.24	51.56 1.79 0.00	49.09 1.98 0.00	50.95 2.19 0.00	49.92 2.20 0.00	48.82 2.15 0.00	48.90 2.24 0.00	48.52 2.22 0.00	49.39 2.04 0.00	53.72 2.31 0.00	62.48 2.63 0.00	69.01 2.78 0.00	67.16 2.52 0.00	52.41 2.11 0.00	44.51 1.80 0.24	41.90 1.40 0.63	38.81 1.04 0.73
KCE_NY_1 323755	35.88 1.21 0.00	34.22 1.09 0.00	32.27 1.06 0.00	31.81 1.05 0.00	31.86 1.02 0.00	33.74 1.11 0.00	42.21 1.39 0.00	48.57 1.63 0.87	51.41 1.64 0.00	48.62 1.51 0.00	50.32 1.56 0.00	49.16 1.43 0.00	48.07 1.40 0.00	48.11 1.45 0.00	47.73 1.44 0.00	48.86 1.51 0.00	53.10 1.69 0.00	61.76 1.91 0.00	68.48 2.25 0.00	66.76 2.13 0.00	51.91 1.61 0.00	44.16 1.37 0.17	41.93 1.23 0.44	38.92 0.92 0.51
KCE_NY_6_ESR 323823	34.08 -0.59 0.00	32.96 -0.16 0.00	30.58 -0.62 0.00	30.27 -0.49 0.00	30.38 -0.46 0.00	32.01 -0.62 0.00	39.84 -0.98 0.00	45.68 -1.91 0.22	49.64 -2.09 -1.96	48.95 -1.98 -3.82	50.86 -2.19 -4.30	49.68 -2.15 -4.10	46.24 -0.37 -1.75	46.46 -0.28 -1.76	45.82 -1.94 -1.47	47.07 -1.90 -1.62	50.27 -2.62 -1.48	61.94 -2.75 -4.85	69.42 -2.18 -5.37	67.49 -2.39 -5.25	52.00 -2.36 -4.07	42.23 -2.10 -1.38	41.45 -1.69 -2.00	39.91 -0.15 -1.56
KEDC_PORT_JEFF_GT2 24210	35.95 1.28 0.00	33.96 0.83 0.00	31.74 0.53 0.00	31.38 0.62 0.00	31.28 0.43 0.00	33.64 1.01 0.00	41.18 0.37 0.01	46.78 0.38 1.42	50.25 0.50 0.01	47.81 0.71 0.01	49.98 1.22 0.00	48.82 1.10 0.00	48.12 1.45 0.00	48.29 1.63 0.00	47.87 1.57 0.00	48.58 1.23 0.00	53.10 1.69 0.00	61.28 1.43 0.00	67.36 1.12 0.00	65.61 0.97 0.00	51.66 1.36 0.00	43.99 1.29 0.25	41.81 1.32 0.64	38.96 1.19 0.74
KEDC_PORT_JEFF_GT3 24211	35.95 1.28 0.00	33.96 0.83 0.00	31.74 0.53 0.00	31.38 0.62 0.00	31.28 0.43 0.00	33.64 1.01 0.00	41.18 0.37 0.01	46.78 0.38 1.42	50.25 0.50 0.01	47.81 0.71 0.01	49.98 1.22 0.00	48.82 1.10 0.00	48.12 1.45 0.00	48.29 1.63 0.00	47.87 1.57 0.00	48.58 1.23 0.00	53.10 1.69 0.00	61.28 1.43 0.00	67.36 1.12 0.00	65.61 0.97 0.00	51.66 1.36 0.00	43.99 1.29 0.25	41.81 1.32 0.64	38.96 1.19 0.74
KEDC_GLWD_GT4 24219	36.23 1.56 0.00	34.36 1.23 0.00	32.18 0.97 0.00	31.75 0.98 0.00	31.71 0.86 0.00	33.90 1.27 0.00	41.96 1.14 0.00	47.88 1.39 1.32	50.85 1.09 0.01	48.33 1.22 0.00	50.36 1.61 0.00	49.25 1.53 0.00	48.35 1.68 0.00	48.48 1.82 0.00	48.05 1.76 0.00	48.82 1.47 0.00	53.21 1.80 0.00	61.88 2.04 0.00	68.29 2.06 0.00	66.51 1.88 0.00	51.86 1.56 0.00	44.47 1.76 0.25	42.06 1.56 0.64	38.96 1.19 0.74
KEDC_GLWD_GT5 24220	36.23 1.56 0.00	34.36 1.23 0.00	32.18 0.97 0.00	31.75 0.98 0.00	31.71 0.86 0.00	33.90 1.27 0.00	41.96 1.14 0.00	47.88 1.39 1.32	50.85 1.09 0.01	48.33 1.22 0.00	50.36 1.61 0.00	49.25 1.53 0.00	48.35 1.68 0.00	48.48 1.82 0.00	48.05 1.76 0.00	48.82 1.47 0.00	53.21 1.80 0.00	61.88 2.04 0.00	68.29 2.06 0.00	66.51 1.88 0.00	51.86 1.56 0.00	44.47 1.76 0.25	42.06 1.56 0.64	38.96 1.19 0.74
KENSICO____ 23655	36.23 1.56 0.00	34.45 1.33 0.00	32.33 1.12 0.00	31.90 1.14 0.00	31.86 1.02 0.00	33.94 1.31 0.00	42.21 1.39 0.00	48.26 1.72 1.28	51.46 1.69 0.00	48.95 1.84 0.00	50.85 2.10 0.00	49.78 2.05 0.00	48.73 2.05 0.00	48.80 2.15 0.00	48.38 2.08 0.00	49.24 1.89 0.00	53.57 2.16 0.00	62.36 2.51 0.00	68.95 2.72 0.00	67.16 2.52 0.00	52.31 2.01 0.00	44.42 1.72 0.25	41.88 1.40 0.66	38.79 1.04 0.76
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	36.50 1.84 0.00	34.72 1.59 0.00	32.55 1.34 0.00	32.12 1.35 0.00	32.11 1.26 0.00	34.17 1.53 0.00	42.62 1.80 0.00	48.75 2.30 1.36	52.05 2.29 0.00	49.42 2.31 0.00	51.24 2.49 0.00	50.11 2.39 0.00	49.05 2.38 0.00	49.13 2.47 0.00	48.79 2.50 0.00	49.72 2.37 0.00	54.24 2.83 0.00	63.38 3.53 0.00	70.20 3.97 0.00	68.25 3.62 0.00	53.21 2.92 0.00	45.13 2.45 0.27	42.38 1.93 0.70	39.17 1.46 0.80

KIAC_JFK_GT1 23816	36.43 1.77 0.00	34.59 1.46 0.00	32.43 1.22 0.00	31.97 1.20 0.00	31.89 1.05 0.00	34.10 1.47 0.00	42.41 1.59 0.00	48.55 2.01 1.27	51.71 1.94 0.00	49.18 2.07 0.00	50.95 2.19 0.00	49.87 2.15 0.00	48.87 2.19 0.00	48.94 2.29 0.00	48.56 2.27 0.00	49.39 2.04 0.00	53.83 2.42 0.00	62.60 2.75 0.00	69.28 3.05 0.00	67.48 2.84 0.00	52.61 2.31 0.00	44.68 1.98 0.25	42.17 1.69 0.65	38.99 1.23 0.75
KIAC_JFK_GT2 23817	36.43 1.77 0.00	34.59 1.46 0.00	32.43 1.22 0.00	31.97 1.20 0.00	31.89 1.05 0.00	34.10 1.47 0.00	42.41 1.59 0.00	48.55 2.01 1.27	51.71 1.94 0.00	49.18 2.07 0.00	50.95 2.19 0.00	49.87 2.15 0.00	48.87 2.19 0.00	48.94 2.29 0.00	48.56 2.27 0.00	49.39 2.04 0.00	53.83 2.42 0.00	62.60 2.75 0.00	69.28 3.05 0.00	67.48 2.84 0.00	52.61 2.31 0.00	44.68 1.98 0.25	42.17 1.69 0.65	38.99 1.23 0.75
KIAC_JFK____ 323774	36.40 1.73 0.00	34.58 1.46 0.00	32.39 1.19 0.00	31.94 1.17 0.00	31.90 1.05 0.00	34.07 1.43 0.00	42.41 1.59 0.00	48.46 1.91 1.27	51.66 1.89 0.00	49.09 1.98 0.00	50.81 2.05 0.00	49.73 2.00 0.00	48.73 2.05 0.00	48.81 2.15 0.00	48.43 2.13 0.00	49.29 1.94 0.00	53.67 2.26 0.00	62.48 2.63 0.00	69.08 2.85 0.00	67.29 2.65 0.00	52.46 2.16 0.00	44.64 1.93 0.25	42.26 1.77 0.65	38.99 1.23 0.74
KINTIGH__24_KV_GSU 356498	33.97 -0.69 0.00	32.83 -0.30 0.00	30.52 -0.69 0.00	30.18 -0.59 0.00	30.29 -0.55 0.00	31.85 -0.78 0.00	39.51 -1.31 0.00	45.10 -3.49 -0.77	48.39 -3.73 -2.36	48.15 -3.53 -4.57	50.14 -3.75 -5.13	48.95 -3.67 -4.90	45.15 -3.64 -2.11	45.33 -3.45 -2.12	44.59 -3.47 -1.77	45.89 -3.41 -1.95	49.10 -4.16 -1.85	61.22 -4.61 -5.98	68.48 -4.37 -6.62	66.57 -4.53 -6.46	51.35 -3.97 -5.03	41.42 -3.48 -1.95	41.21 -3.07 -3.07	39.64 -1.54 -2.67
KINTIGH____ 23543	33.97 -0.69 0.00	32.83 -0.30 0.00	30.49 -0.72 0.00	30.09 -0.68 0.00	30.29 -0.56 0.00	31.78 -0.85 0.00	39.52 -1.31 0.00	45.05 -3.54 -0.77	48.34 -3.78 -2.36	48.24 -3.44 -4.57	50.19 -3.71 -5.13	49.00 -3.63 -4.90	45.24 -3.55 -2.11	45.33 -3.45 -2.12	44.69 -3.38 -1.77	45.99 -3.31 -1.95	49.30 -4.06 -1.95	61.40 -4.43 -5.98	68.48 -4.37 -6.62	66.57 -4.52 -6.46	51.68 -3.92 -5.30	41.58 -3.48 -2.11	41.84 -2.67 -3.38	39.94 -1.54 -2.98
KNTFSRNC_46_KV_46KV_LOAD 80397	35.12 0.45 0.00	33.79 0.66 0.00	31.86 0.66 0.00	31.38 0.62 0.00	31.56 0.71 0.00	33.38 0.75 0.00	41.60 0.78 0.00	47.63 -0.19 0.00	49.22 -0.55 0.00	46.68 -0.42 0.00	48.37 -0.39 0.00	47.53 -0.19 0.00	46.30 -0.37 0.00	46.19 -0.47 0.00	45.69 -0.60 0.00	46.88 -0.47 0.00	51.00 -0.41 0.00	59.31 -0.54 0.00	65.37 -0.86 0.00	63.79 -0.84 0.00	49.79 -0.50 0.00	42.86 -0.09 0.00	41.88 0.74 0.00	39.85 1.35 0.00
LACHUTE____HYDRO 323717	36.89 2.22 0.00	35.18 2.05 0.00	33.21 2.00 0.00	32.67 1.91 0.00	32.79 1.94 0.00	34.69 2.06 0.00	43.56 2.74 0.00	50.24 3.30 0.87	52.90 3.14 0.00	50.03 2.92 0.00	51.78 3.02 0.00	50.49 2.77 0.00	49.15 2.47 0.00	49.22 2.56 0.00	48.89 2.59 0.00	50.19 2.84 0.00	54.60 3.19 0.00	63.68 3.83 0.00	71.00 4.77 0.00	69.16 4.52 0.00	53.56 3.27 0.00	45.53 2.75 0.17	43.12 2.43 0.44	39.96 1.96 0.51
LAWRNCALV_115KV_TB1 80681	35.12 0.45 0.00	33.69 0.56 0.00	31.80 0.59 0.00	31.23 0.46 0.00	31.37 0.52 0.00	33.22 0.59 0.00	41.72 0.90 0.00	48.73 0.91 0.00	50.61 0.85 0.00	47.82 0.71 0.00	49.44 0.68 0.00	48.63 0.91 0.00	47.42 0.75 0.00	47.31 0.65 0.00	46.81 0.51 0.00	48.06 0.71 0.00	52.08 0.67 0.00	60.15 0.30 0.00	66.63 0.40 0.00	65.09 0.45 0.00	50.75 0.45 0.00	43.77 0.82 0.00	42.13 0.99 0.00	39.47 0.96 0.00
LEDERLE____ 23769	36.30 1.63 0.00	34.49 1.36 0.00	32.36 1.15 0.00	31.94 1.17 0.00	31.89 1.05 0.00	34.07 1.44 0.00	42.46 1.63 0.00	48.49 2.06 1.38	51.86 2.09 0.00	49.28 2.17 0.00	51.15 2.39 0.00	50.06 2.34 0.00	49.01 2.33 0.00	49.04 2.38 0.00	48.66 2.36 0.00	49.53 2.18 0.00	53.77 2.36 0.00	62.66 2.81 0.00	69.34 3.11 0.00	67.48 2.84 0.00	52.56 2.26 0.00	44.57 1.89 0.27	41.95 1.52 0.71	38.81 1.12 0.82
LIGHTHSE_115KV_TB6 355974	34.46 -0.21 0.00	32.93 -0.20 0.00	31.05 -0.16 0.00	30.55 -0.22 0.00	30.66 -0.19 0.00	32.50 -0.13 0.00	40.74 -0.08 0.00	49.26 -0.10 -1.54	52.63 -0.05 -2.92	52.53 -0.24 -5.66	54.83 -0.29 -6.36	53.55 -0.24 -6.07	49.01 -0.28 -2.61	48.95 -0.33 -2.62	48.21 -0.28 -2.19	49.67 -0.09 -2.41	53.67 -0.15 -2.41	67.53 -0.12 -7.80	75.00 0.13 -8.64	73.26 0.19 -8.43	56.97 0.10 -6.57	45.84 0.17 -2.72	45.68 0.08 -4.46	42.58 0.08 -4.00
LINDEN COGEN____ 23786	36.16 1.49 0.00	34.36 1.23 0.00	32.21 1.00 0.00	31.78 1.01 0.00	31.74 0.90 0.00	33.86 1.24 0.01	42.08 1.27 0.01	47.98 1.43 1.27	51.21 1.44 0.00	48.66 1.55 0.00	50.56 1.81 0.00	49.44 1.72 0.00	48.48 1.82 0.02	48.52 1.87 0.01	48.15 1.85 0.00	48.95 1.61 0.01	53.26 1.85 0.00	62.00 2.15 0.00	68.48 2.25 0.00	66.70 2.07 0.00	52.01 1.71 0.00	44.33 1.63 0.25	41.89 1.40 0.65	38.68 0.92 0.75
LINDHRST_69_KV_BK1 356055	36.23 1.56 0.00	34.29 1.16 0.00	32.18 0.97 0.00	31.78 1.02 0.00	31.59 0.74 0.00	33.97 1.34 0.00	41.75 0.94 0.01	47.62 1.20 1.39	51.00 1.24 0.01	48.61 1.51 0.01	50.95 2.19 0.00	49.73 2.00 0.00	49.01 2.33 0.00	49.18 2.52 0.00	48.75 2.45 0.00	49.48 2.13 0.00	54.08 2.67 0.00	63.02 3.17 0.00	69.41 3.18 0.00	67.54 2.91 0.00	52.66 2.36 0.00	44.59 1.89 0.25	41.80 1.32 0.65	39.22 1.46 0.75
LIPA_MISC_IPP 23656	35.71 1.04 0.00	33.76 0.63 0.00	31.68 0.47 0.00	31.32 0.55 0.00	31.09 0.25 0.00	33.51 0.88 0.00	40.98 0.16 0.01	46.59 0.19 1.42	50.00 0.25 0.02	47.71 0.61 0.01	50.03 1.27 0.00	48.82 1.10 0.00	48.12 1.45 0.00	48.34 1.68 0.00	47.87 1.57 0.00	48.58 1.23 0.00	53.21 1.80 0.00	61.76 1.92 0.00	68.02 1.79 0.00	66.19 1.55 0.00	51.71 1.41 0.00	43.78 1.07 0.25	41.02 0.53 0.65	38.76 1.00 0.75
LISF____SOLAR 323691	35.81 1.14 0.00	33.83 0.70 0.00	31.61 0.40 0.00	31.26 0.49 0.00	31.12 0.28 0.00	33.51 0.88 0.00	41.02 0.21 0.01	46.59 0.19 1.42	50.05 0.30 0.01	47.67 0.57 0.01	49.83 1.07 0.00	48.68 0.95 0.00	47.94 1.26 0.00	48.11 1.45 0.00	47.68 1.39 0.00	48.39 1.04 0.00	52.95 1.54 0.00	61.52 1.67 0.00	67.62 1.39 0.00	65.86 1.22 0.00	51.50 1.21 0.00	43.86 1.16 0.25	41.65 1.15 0.64	38.80 1.04 0.74
LITTLE FALLS____HYD 24013	35.71 1.04 0.00	34.12 0.99 0.00	32.18 0.97 0.00	31.69 0.92 0.00	31.80 0.96 0.00	33.68 1.04 0.00	42.17 1.35 0.00	49.44 1.63 0.00	51.46 1.69 0.00	48.66 1.55 0.00	50.42 1.66 0.00	49.40 1.67 0.00	48.36 1.68 0.00	48.34 1.68 0.00	48.01 1.71 0.00	49.15 1.80 0.00	53.26 1.85 0.00	62.06 2.21 0.00	68.81 2.58 0.00	67.22 2.59 0.00	52.26 1.96 0.00	44.80 1.85 0.00	42.79 1.65 0.00	40.05 1.54 0.00

LITTLRIV_115KV_TB1 356100	35.46 0.80 0.00	34.06 0.93 0.00	32.15 0.94 0.00	31.50 0.74 0.00	31.71 0.86 0.00	33.58 0.95 0.00	42.21 1.39 0.00	49.30 1.48 0.00	51.11 1.34 0.00	48.15 1.04 0.00	49.73 0.98 0.00	48.97 1.24 0.00	47.70 1.03 0.00	47.54 0.89 0.00	47.08 0.79 0.00	48.44 1.09 0.00	52.54 1.13 0.00	60.80 0.96 0.00	67.49 1.26 0.00	65.93 1.29 0.00	51.40 1.11 0.00	44.37 1.42 0.00	42.62 1.48 0.00	39.93 1.42 0.00
LI_NEWBRDGE___DRP 323616	35.74 1.07 0.00	33.86 0.73 0.00	31.77 0.56 0.00	31.41 0.65 0.00	31.22 0.37 0.00	33.55 0.91 0.00	41.26 0.45 0.01	47.01 0.62 1.43	50.30 0.55 0.02	47.90 0.80 0.01	50.07 1.32 0.00	48.92 1.19 0.00	48.12 1.45 0.00	48.29 1.63 0.00	47.82 1.53 0.00	48.58 1.23 0.00	53.05 1.65 0.00	61.70 1.86 0.00	68.02 1.79 0.00	66.25 1.62 0.00	51.60 1.31 0.00	43.78 1.07 0.25	41.15 0.66 0.65	38.60 0.85 0.75
LOCKPORT_115KV_TB60_63_64 80432	33.80 -0.87 0.00	32.73 -0.40 0.00	30.33 -0.87 0.00	29.94 -0.83 0.00	30.17 -0.68 0.00	31.65 -0.98 0.00	39.35 -1.47 0.00	44.92 -3.30 -0.40	48.24 -3.73 -2.21	48.20 -3.20 -4.30	50.03 -3.56 -4.83	48.85 -3.48 -4.61	45.20 -3.45 -1.98	45.28 -3.36 -1.99	44.44 -3.52 -1.66	46.05 -3.13 -1.83	48.92 -4.32 -1.83	60.89 -4.55 -5.59	67.99 -4.44 -6.19	66.02 -4.65 -6.04	51.21 -4.07 -4.99	41.35 -3.52 -1.92	41.69 -2.47 -3.01	40.23 -0.89 -2.61
LOCKPORT___CC1 323769	33.83 -0.83 0.00	32.77 -0.36 0.00	30.40 -0.81 0.00	30.06 -0.71 0.00	30.17 -0.68 0.00	31.72 -0.91 0.00	39.35 -1.47 0.00	44.76 -3.39 -0.34	48.12 -3.83 -2.18	47.92 -3.44 -4.25	49.78 -3.75 -4.77	48.60 -3.67 -4.55	44.90 -3.74 -1.96	45.17 -3.45 -1.96	44.28 -3.66 -1.64	45.75 -3.41 -1.81	48.64 -4.47 -1.70	60.46 -4.91 -5.52	67.77 -4.57 -6.11	65.75 -4.85 -5.96	50.71 -4.22 -4.63	41.23 -3.44 -1.71	40.80 -2.96 -2.62	39.80 -0.92 -2.22
LOCKPORT___CC2 323770	33.83 -0.83 0.00	32.77 -0.36 0.00	30.40 -0.81 0.00	30.06 -0.71 0.00	30.17 -0.68 0.00	31.72 -0.91 0.00	39.35 -1.47 0.00	44.76 -3.39 -0.34	48.12 -3.83 -2.18	47.92 -3.44 -4.25	49.78 -3.75 -4.77	48.60 -3.67 -4.55	44.90 -3.74 -1.96	45.17 -3.45 -1.96	44.28 -3.66 -1.64	45.75 -3.41 -1.81	48.64 -4.47 -1.70	60.46 -4.91 -5.52	67.77 -4.57 -6.11	65.75 -4.85 -5.96	50.71 -4.22 -4.63	41.23 -3.44 -1.71	40.80 -2.96 -2.62	39.80 -0.92 -2.22
LOCKPORT___CC3 323771	33.83 -0.83 0.00	32.77 -0.36 0.00	30.40 -0.81 0.00	30.06 -0.71 0.00	30.17 -0.68 0.00	31.72 -0.91 0.00	39.35 -1.47 0.00	44.76 -3.39 -0.34	48.12 -3.83 -2.18	47.92 -3.44 -4.25	49.78 -3.75 -4.77	48.60 -3.67 -4.55	44.90 -3.74 -1.96	45.17 -3.45 -1.96	44.28 -3.66 -1.64	45.75 -3.41 -1.81	48.64 -4.47 -1.70	60.46 -4.91 -5.52	67.77 -4.57 -6.11	65.75 -4.85 -5.96	50.71 -4.22 -4.63	41.23 -3.44 -1.71	40.80 -2.96 -2.62	39.80 -0.92 -2.22
LOCUSVLY_69_KV_BK2 55797	36.16 1.49 0.00	34.29 1.16 0.00	32.18 0.97 0.00	31.78 1.02 0.00	31.62 0.77 0.00	33.90 1.27 0.00	41.80 0.98 0.00	47.72 1.24 1.34	50.90 1.14 0.01	48.47 1.37 0.00	50.66 1.90 0.00	49.54 1.81 0.00	48.68 2.01 0.00	48.80 2.15 0.00	48.38 2.08 0.00	49.10 1.75 0.00	53.62 2.21 0.00	62.42 2.57 0.00	68.81 2.58 0.00	67.03 2.39 0.00	52.16 1.86 0.00	44.33 1.63 0.25	41.68 1.19 0.65	38.99 1.23 0.75
LONG_LAKE_PHOENIX 24014	34.04 -0.62 0.00	32.53 -0.60 0.00	30.58 -0.62 0.00	30.18 -0.58 0.00	30.26 -0.59 0.00	32.04 -0.59 0.00	40.13 -0.69 0.00	50.12 -0.72 -3.02	52.97 -0.70 -3.91	54.03 -0.66 -7.58	56.59 -0.68 -8.52	55.14 -0.72 -8.13	49.52 -0.65 -3.50	49.47 -0.70 -3.51	48.58 -0.65 -2.93	49.97 -0.62 -3.23	53.92 -0.72 -3.23	69.58 -0.72 -10.45	77.15 -0.66 -11.58	75.29 -0.65 -11.30	58.54 -0.55 -8.80	46.18 -0.60 -3.83	47.03 -0.58 -6.47	43.92 -0.50 -5.92
LOVETT___3 23632	36.12 1.46 0.00	34.35 1.23 0.00	32.24 1.03 0.00	31.81 1.05 0.00	31.77 0.93 0.00	33.84 1.21 0.00	42.09 1.27 0.00	48.09 1.63 1.36	51.36 1.59 0.00	48.80 1.70 0.00	50.66 1.90 0.00	49.59 1.86 0.00	48.54 1.87 0.00	48.62 1.96 0.00	48.24 1.94 0.00	49.05 1.70 0.00	53.47 2.06 0.00	62.24 2.39 0.00	68.81 2.58 0.00	67.03 2.39 0.00	52.21 1.91 0.00	44.32 1.63 0.27	41.72 1.28 0.70	38.63 0.92 0.80
LOVETT___4 23642	36.12 1.46 0.00	34.35 1.23 0.00	32.24 1.03 0.00	31.81 1.05 0.00	31.77 0.93 0.00	33.84 1.21 0.00	42.09 1.27 0.00	48.09 1.63 1.36	51.36 1.59 0.00	48.80 1.70 0.00	50.66 1.90 0.00	49.59 1.86 0.00	48.54 1.87 0.00	48.62 1.96 0.00	48.24 1.94 0.00	49.05 1.70 0.00	53.47 2.06 0.00	62.24 2.39 0.00	68.81 2.58 0.00	67.03 2.39 0.00	52.21 1.91 0.00	44.32 1.63 0.27	41.72 1.28 0.70	38.63 0.92 0.80
LOVETT___5 23593	36.12 1.46 0.00	34.35 1.23 0.00	32.24 1.03 0.00	31.81 1.05 0.00	31.77 0.93 0.00	33.84 1.21 0.00	42.09 1.27 0.00	48.09 1.63 1.36	51.36 1.59 0.00	48.80 1.70 0.00	50.66 1.90 0.00	49.59 1.86 0.00	48.54 1.87 0.00	48.62 1.96 0.00	48.24 1.94 0.00	49.05 1.70 0.00	53.47 2.06 0.00	62.24 2.39 0.00	68.81 2.58 0.00	67.03 2.39 0.00	52.21 1.91 0.00	44.32 1.63 0.27	41.72 1.28 0.70	38.63 0.92 0.80
LOWER RAQUET___HYD 24057	35.15 0.49 0.00	33.76 0.63 0.00	31.87 0.66 0.00	31.26 0.49 0.00	31.43 0.58 0.00	33.28 0.65 0.00	41.84 1.02 0.00	49.42 1.15 -0.46	51.26 1.09 -0.40	48.83 0.94 -0.78	50.56 0.92 -0.88	49.71 1.14 -0.84	48.02 0.98 -0.36	47.86 0.84 -0.36	47.34 0.74 -0.30	48.63 0.95 -0.33	52.67 0.93 -0.33	61.40 0.48 -1.08	68.02 0.59 -1.19	66.45 0.65 -1.17	51.81 0.61 -0.91	44.32 0.94 -0.42	42.99 1.11 -0.74	40.28 1.08 -0.69
LOWER___HUDSON 24059	35.64 0.97 0.00	33.96 0.83 0.00	31.99 0.78 0.00	31.56 0.80 0.00	31.62 0.77 0.00	33.48 0.85 0.00	41.88 1.06 0.00	48.04 1.10 0.88	50.91 1.15 0.00	48.24 1.13 0.00	49.88 1.12 0.00	48.73 1.00 0.00	47.75 1.07 0.00	47.73 1.07 0.00	47.41 1.11 0.00	48.39 1.04 0.00	52.64 1.23 0.00	61.16 1.31 0.00	67.69 1.46 0.00	66.12 1.49 0.00	51.40 1.11 0.00	43.77 0.99 0.17	41.56 0.87 0.45	38.57 0.58 0.51
LOWVILLE_115KV_TB2 356335	35.08 0.42 0.00	33.56 0.43 0.00	31.96 0.75 0.00	31.35 0.58 0.00	31.52 0.68 0.00	33.45 0.82 0.00	42.05 1.22 0.00	48.53 1.15 0.44	51.61 1.05 -0.80	49.32 0.66 -1.55	50.99 0.49 -1.74	50.34 0.95 -1.66	48.28 0.89 -0.72	48.08 0.70 -0.72	47.64 0.74 -0.60	49.10 1.09 -0.66	53.30 1.23 -0.66	63.54 1.56 -2.14	70.78 2.19 -2.37	69.14 2.20 -2.31	53.81 1.71 -1.80	45.20 1.68 -0.58	43.32 1.40 -0.78	40.32 1.23 -0.59
LUTHERFT_115KV_GLOB_FND_222 355753	35.88 1.21 0.00	34.19 1.06 0.00	32.27 1.06 0.00	31.81 1.05 0.00	31.86 1.02 0.00	33.71 1.08 0.00	42.21 1.39 0.00	48.57 1.63 0.87	51.41 1.64 0.00	48.66 1.55 0.00	50.37 1.61 0.00	49.21 1.48 0.00	48.08 1.40 0.00	48.15 1.49 0.00	47.78 1.48 0.00	48.86 1.52 0.00	53.11 1.70 0.00	61.82 1.97 0.00	68.48 2.25 0.00	66.83 2.20 0.00	51.96 1.66 0.00	44.15 1.37 0.17	41.84 1.15 0.45	38.91 0.92 0.52

LUTHERNY_35_KV_BK2 355980	35.88 1.21 0.00	34.22 1.09 0.00	32.27 1.06 0.00	31.81 1.05 0.00	31.86 1.02 0.00	33.74 1.11 0.00	42.21 1.39 0.00	48.62 1.67 0.87	51.46 1.69 0.00	48.71 1.60 0.00	50.42 1.66 0.00	49.25 1.53 0.00	48.12 1.45 0.00	48.15 1.49 0.00	47.82 1.53 0.00	48.91 1.56 0.00	53.16 1.75 0.00	61.82 1.97 0.00	68.55 2.32 0.00	66.90 2.26 0.00	52.01 1.71 0.00	44.20 1.42 0.17	41.88 1.19 0.45	38.91 0.92 0.52
LWR___OSWEGATCHIE_HYD 23850	35.08 0.42 0.00	33.63 0.50 0.00	31.86 0.66 0.00	31.23 0.46 0.00	31.43 0.59 0.00	33.32 0.69 0.00	41.88 1.06 0.00	48.78 1.05 0.09	51.45 0.95 -0.74	49.20 0.66 -1.43	50.95 0.59 -1.61	50.17 0.91 -1.54	48.08 0.75 -0.66	47.84 0.51 -0.66	47.36 0.51 -0.55	48.77 0.80 -0.61	52.84 0.82 -0.61	62.60 0.78 -1.98	69.55 1.13 -2.19	67.93 1.16 -2.14	52.92 0.96 -1.66	44.83 1.29 -0.59	43.26 1.23 -0.89	40.35 1.12 -0.73
LYONS_FALL_HYD 23570	35.15 0.49 0.00	33.59 0.46 0.00	31.89 0.69 0.00	31.32 0.55 0.00	31.46 0.62 0.00	33.38 0.75 0.00	41.93 1.10 0.00	48.11 1.10 0.81	51.39 1.09 -0.53	48.90 0.75 -1.04	50.61 0.68 -1.17	49.79 0.95 -1.11	48.04 0.88 -0.48	47.93 0.79 -0.48	47.53 0.83 -0.40	48.88 1.09 -0.44	53.03 1.18 -0.44	62.77 1.50 -1.43	69.80 1.99 -1.58	68.19 2.01 -1.55	53.06 1.56 -1.20	44.69 1.46 -0.28	42.63 1.23 -0.25	39.63 1.04 -0.08
MADISON___COUNTY_LFGE 323628	35.29 0.62 0.00	33.76 0.63 0.00	31.83 0.62 0.00	31.32 0.55 0.00	31.43 0.59 0.00	33.32 0.69 0.00	41.80 0.98 0.00	46.15 1.24 2.91	51.06 1.29 0.00	48.15 1.04 0.00	49.78 1.02 0.00	48.78 1.05 0.00	47.70 1.03 0.00	47.59 0.93 0.00	47.27 0.97 0.00	48.49 1.14 0.00	52.64 1.23 0.00	61.46 1.62 0.00	68.22 1.99 0.00	66.64 2.00 0.00	51.81 1.51 0.00	43.62 1.25 0.57	40.71 1.07 1.50	37.75 0.96 1.72
MALONE___115KV_TB1 356076	35.15 0.49 0.00	33.79 0.66 0.00	31.86 0.66 0.00	31.32 0.55 0.00	31.49 0.65 0.00	33.32 0.69 0.00	41.84 1.02 0.00	48.68 0.86 0.00	50.56 0.80 0.00	47.96 0.85 0.00	49.59 0.83 0.00	48.78 1.05 0.00	47.47 0.79 0.00	47.36 0.70 0.00	46.85 0.56 0.00	48.11 0.76 0.00	52.23 0.82 0.00	60.62 0.78 0.00	66.96 0.73 0.00	65.35 0.71 0.00	50.95 0.65 0.00	43.72 0.77 0.00	42.21 1.07 0.00	39.70 1.19 0.00
MAPLEWOD_115KV_TB3 80458	35.39 0.73 0.00	33.76 0.63 0.00	31.83 0.62 0.00	31.41 0.65 0.00	31.46 0.62 0.00	33.32 0.69 0.00	41.60 0.78 0.00	47.78 0.86 0.90	50.66 0.90 0.00	47.91 0.80 0.00	49.54 0.78 0.00	48.39 0.67 0.00	47.38 0.70 0.00	47.40 0.75 0.00	47.08 0.79 0.00	48.06 0.71 0.00	52.23 0.82 0.00	60.68 0.84 0.00	67.16 0.93 0.00	65.54 0.90 0.00	51.00 0.70 0.00	43.38 0.60 0.18	41.13 0.45 0.46	38.24 0.27 0.53
MAPLE_RIDGE_WT_1 323574	34.32 -0.35 0.00	32.83 -0.30 0.00	30.96 -0.25 0.00	30.55 -0.21 0.00	30.66 -0.18 0.00	32.47 -0.16 0.00	40.62 -0.20 0.00	47.58 -0.24 0.00	49.52 -0.25 0.00	46.87 -0.23 0.00	48.52 -0.24 0.00	47.54 -0.19 0.00	46.49 -0.19 0.00	46.43 -0.23 0.00	46.07 -0.23 0.00	47.16 -0.19 0.00	51.20 -0.20 0.00	59.55 -0.30 0.00	65.90 -0.33 0.00	64.38 -0.26 0.00	50.15 -0.15 0.00	42.86 -0.09 0.00	41.10 -0.04 0.00	38.51 0.00 0.00
MAPLE_RIDGE_WT_2 323611	34.32 -0.35 0.00	32.83 -0.30 0.00	30.96 -0.25 0.00	30.55 -0.21 0.00	30.66 -0.18 0.00	32.47 -0.16 0.00	40.62 -0.20 0.00	47.58 -0.24 0.00	49.52 -0.25 0.00	46.87 -0.23 0.00	48.52 -0.24 0.00	47.54 -0.19 0.00	46.49 -0.19 0.00	46.43 -0.23 0.00	46.07 -0.23 0.00	47.16 -0.19 0.00	51.20 -0.20 0.00	59.55 -0.30 0.00	65.90 -0.33 0.00	64.38 -0.26 0.00	50.15 -0.15 0.00	42.86 -0.09 0.00	41.10 -0.04 0.00	38.51 0.00 0.00
MARBLE_RIVER_WT_PWR 323696	34.77 0.10 0.00	33.49 0.37 0.00	31.65 0.44 0.00	31.20 0.43 0.00	31.40 0.56 0.00	33.22 0.59 0.00	41.23 0.41 0.00	47.86 0.05 0.00	49.92 0.15 0.00	47.35 0.24 0.00	49.05 0.29 0.00	48.20 0.48 0.00	47.00 0.33 0.00	46.89 0.23 0.00	46.34 0.05 0.00	47.54 0.19 0.00	51.62 0.21 0.00	59.97 0.12 0.00	66.10 -0.13 0.00	64.44 -0.19 0.00	50.30 0.00 0.00	42.86 -0.09 0.00	41.59 0.45 0.00	39.74 1.23 0.00
MARSHVLE_115KV_TB1 80742	35.53 0.87 0.00	33.89 0.76 0.00	31.99 0.78 0.00	31.50 0.74 0.00	31.65 0.80 0.00	33.55 0.91 0.00	42.13 1.31 0.00	48.18 1.72 1.36	51.11 1.34 0.00	47.91 0.80 0.00	49.29 0.54 0.00	48.25 0.52 0.00	47.28 0.61 0.00	47.36 0.70 0.00	47.13 0.83 0.00	48.53 1.18 0.00	52.64 1.23 0.00	61.58 1.74 0.00	68.55 2.32 0.00	66.77 2.13 0.00	51.81 1.51 0.00	44.10 1.42 0.27	41.51 1.07 0.70	38.43 0.73 0.80
MARSH_HILL_WT_PWR 323713	34.35 -0.31 0.00	33.06 -0.07 0.00	30.80 -0.41 0.00	30.46 -0.31 0.00	30.60 -0.25 0.00	32.37 -0.26 0.00	40.49 -0.33 0.00	44.91 -0.52 2.38	49.78 -0.95 -0.96	47.80 -1.18 -1.86	49.25 -1.61 -2.10	47.96 -1.76 -2.00	45.71 -1.82 -0.86	45.89 -1.63 -0.86	45.39 -1.62 -0.72	46.67 -1.47 -0.79	50.52 -1.65 -0.76	61.35 -0.96 -2.46	68.82 -0.13 -2.72	67.04 -0.26 -2.66	51.76 -0.60 -2.07	42.33 -0.82 -0.19	40.20 -0.62 0.33	38.11 0.35 0.74
MCINTYRE_115KV_TB2 80467	35.57 0.90 0.00	34.16 1.03 0.00	32.24 1.03 0.00	31.60 0.83 0.00	31.77 0.93 0.00	33.64 1.01 0.00	42.33 1.51 0.00	49.39 1.58 0.00	51.11 1.34 0.00	48.15 1.04 0.00	49.73 0.98 0.00	48.92 1.19 0.00	47.70 1.03 0.00	47.54 0.89 0.00	47.08 0.79 0.00	48.39 1.04 0.00	52.64 1.23 0.00	61.16 1.32 0.00	67.89 1.66 0.00	66.38 1.75 0.00	51.71 1.41 0.00	44.50 1.55 0.00	42.70 1.56 0.00	39.97 1.46 0.00
MECO_____69_KV_BK1 80468	36.19 1.53 0.00	34.52 1.39 0.00	32.58 1.37 0.00	32.06 1.29 0.00	32.20 1.36 0.00	34.13 1.50 0.00	42.86 2.04 0.00	49.15 2.53 1.20	51.96 2.19 0.00	48.71 1.60 0.00	50.17 1.41 0.00	49.01 1.29 0.00	47.98 1.31 0.00	48.10 1.45 0.00	47.87 1.57 0.00	49.24 1.89 0.00	53.57 2.16 0.00	62.66 2.81 0.00	69.81 3.58 0.00	68.00 3.36 0.00	52.76 2.46 0.00	44.82 2.10 0.24	42.25 1.73 0.62	39.18 1.39 0.71
MENANDS___115KV_TB5 355628	35.22 0.55 0.00	33.59 0.46 0.00	31.68 0.47 0.00	31.26 0.49 0.00	31.31 0.46 0.00	33.15 0.52 0.00	41.39 0.57 0.00	47.49 0.57 0.90	50.41 0.65 0.00	47.67 0.57 0.00	49.25 0.49 0.00	48.11 0.38 0.00	47.09 0.42 0.00	47.12 0.47 0.00	46.81 0.51 0.00	47.73 0.38 0.00	51.87 0.46 0.00	60.27 0.42 0.00	66.63 0.40 0.00	65.09 0.45 0.00	50.65 0.35 0.00	43.12 0.34 0.18	40.88 0.21 0.46	38.01 0.04 0.53
MG INDUSTRY___DRP 24185	35.33 0.66 0.00	33.73 0.60 0.00	31.83 0.62 0.00	31.41 0.65 0.00	31.43 0.59 0.00	33.32 0.69 0.00	41.60 0.78 0.00	47.75 0.86 0.93	50.61 0.85 0.00	47.63 0.52 0.00	48.16 -0.59 0.01	47.04 -0.67 0.01	46.10 -0.56 0.01	46.08 -0.56 0.01	45.73 -0.56 0.01	46.73 -0.62 0.00	50.69 -0.72 0.00	58.89 -0.96 0.00	65.17 -1.06 0.00	63.60 -1.03 0.00	49.59 -0.70 0.00	42.21 -0.56 0.18	40.87 0.21 0.48	38.07 0.12 0.55





NARROWS_GT1_6 24233	36.58 1.91 -0.01	34.79 1.66 -0.01	32.56 1.34 -0.01	32.10 1.32 -0.01	32.09 1.24 -0.01	34.23 1.60 0.00	42.01 1.18 0.00	47.84 1.29 1.27	50.95 1.19 0.01	48.42 1.32 0.01	50.31 1.56 0.01	49.24 1.53 0.01	48.34 1.68 0.01	48.34 1.68 0.00	48.05 1.76 0.00	48.86 1.51 0.00	53.05 1.64 0.01	61.70 1.86 0.01	68.28 2.06 0.01	66.50 1.88 0.01	51.80 1.51 0.01	44.29 1.59 0.25	41.93 1.44 0.65	38.92 1.15 0.74
NARROWS_GT1_7 24234	36.58 1.91 -0.01	34.79 1.66 -0.01	32.56 1.34 -0.01	32.10 1.32 -0.01	32.09 1.24 -0.01	34.23 1.60 0.00	42.01 1.18 0.00	47.84 1.29 1.27	50.95 1.19 0.01	48.42 1.32 0.01	50.31 1.56 0.01	49.24 1.53 0.01	48.34 1.68 0.01	48.34 1.68 0.00	48.05 1.76 0.00	48.86 1.51 0.00	53.05 1.64 0.01	61.70 1.86 0.01	68.28 2.06 0.01	66.50 1.88 0.01	51.80 1.51 0.01	44.29 1.59 0.25	41.93 1.44 0.65	38.92 1.15 0.74
NARROWS_GT1_8 24235	36.58 1.91 -0.01	34.79 1.66 -0.01	32.56 1.34 -0.01	32.10 1.32 -0.01	32.09 1.24 -0.01	34.23 1.60 0.00	42.01 1.18 0.00	47.84 1.29 1.27	50.95 1.19 0.01	48.42 1.32 0.01	50.31 1.56 0.01	49.24 1.53 0.01	48.34 1.68 0.01	48.34 1.68 0.00	48.05 1.76 0.00	48.86 1.51 0.00	53.05 1.64 0.01	61.70 1.86 0.01	68.28 2.06 0.01	66.50 1.88 0.01	51.80 1.51 0.01	44.29 1.59 0.25	41.93 1.44 0.65	38.92 1.15 0.74
NARROWS_GT2_1 24236	36.58 1.91 -0.01	34.79 1.66 -0.01	32.56 1.34 -0.01	32.10 1.32 -0.01	32.09 1.24 -0.01	34.23 1.60 0.00	42.01 1.18 0.00	47.84 1.29 1.27	50.95 1.19 0.01	48.42 1.32 0.01	50.31 1.56 0.01	49.24 1.53 0.01	48.34 1.68 0.01	48.34 1.68 0.00	48.05 1.76 0.00	48.86 1.51 0.00	53.05 1.64 0.01	61.70 1.86 0.01	68.28 2.06 0.01	66.50 1.88 0.01	51.80 1.51 0.01	44.29 1.59 0.25	41.93 1.44 0.65	38.92 1.15 0.74
NARROWS_GT2_2 24237	36.58 1.91 -0.01	34.79 1.66 -0.01	32.56 1.34 -0.01	32.10 1.32 -0.01	32.09 1.24 -0.01	34.23 1.60 0.00	42.01 1.18 0.00	47.84 1.29 1.27	50.95 1.19 0.01	48.42 1.32 0.01	50.31 1.56 0.01	49.24 1.53 0.01	48.34 1.68 0.01	48.34 1.68 0.00	48.05 1.76 0.00	48.86 1.51 0.00	53.05 1.64 0.01	61.70 1.86 0.01	68.28 2.06 0.01	66.50 1.88 0.01	51.80 1.51 0.01	44.29 1.59 0.25	41.93 1.44 0.65	38.92 1.15 0.74
NARROWS_GT2_3 24238	36.58 1.91 -0.01	34.79 1.66 -0.01	32.56 1.34 -0.01	32.10 1.32 -0.01	32.09 1.24 -0.01	34.23 1.60 0.00	42.01 1.18 0.00	47.84 1.29 1.27	50.95 1.19 0.01	48.42 1.32 0.01	50.31 1.56 0.01	49.24 1.53 0.01	48.34 1.68 0.01	48.34 1.68 0.00	48.05 1.76 0.00	48.86 1.51 0.00	53.05 1.64 0.01	61.70 1.86 0.01	68.28 2.06 0.01	66.50 1.88 0.01	51.80 1.51 0.01	44.29 1.59 0.25	41.93 1.44 0.65	38.92 1.15 0.74
NARROWS_GT2_4 24239	36.58 1.91 -0.01	34.79 1.66 -0.01	32.56 1.34 -0.01	32.10 1.32 -0.01	32.09 1.24 -0.01	34.23 1.60 0.00	42.01 1.18 0.00	47.84 1.29 1.27	50.95 1.19 0.01	48.42 1.32 0.01	50.31 1.56 0.01	49.24 1.53 0.01	48.34 1.68 0.01	48.34 1.68 0.00	48.05 1.76 0.00	48.86 1.51 0.00	53.05 1.64 0.01	61.70 1.86 0.01	68.28 2.06 0.01	66.50 1.88 0.01	51.80 1.51 0.01	44.29 1.59 0.25	41.93 1.44 0.65	38.92 1.15 0.74
NARROWS_GT2_5 24240	36.58 1.91 -0.01	34.79 1.66 -0.01	32.56 1.34 -0.01	32.10 1.32 -0.01	32.09 1.24 -0.01	34.23 1.60 0.00	42.01 1.18 0.00	47.84 1.29 1.27	50.95 1.19 0.01	48.42 1.32 0.01	50.31 1.56 0.01	49.24 1.53 0.01	48.34 1.68 0.01	48.34 1.68 0.00	48.05 1.76 0.00	48.86 1.51 0.00	53.05 1.64 0.01	61.70 1.86 0.01	68.28 2.06 0.01	66.50 1.88 0.01	51.80 1.51 0.01	44.29 1.59 0.25	41.93 1.44 0.65	38.92 1.15 0.74
NARROWS_GT2_6 24241	36.58 1.91 -0.01	34.79 1.66 -0.01	32.56 1.34 -0.01	32.10 1.32 -0.01	32.09 1.24 -0.01	34.23 1.60 0.00	42.01 1.18 0.00	47.84 1.29 1.27	50.95 1.19 0.01	48.42 1.32 0.01	50.31 1.56 0.01	49.24 1.53 0.01	48.34 1.68 0.01	48.34 1.68 0.00	48.05 1.76 0.00	48.86 1.51 0.00	53.05 1.64 0.01	61.70 1.86 0.01	68.28 2.06 0.01	66.50 1.88 0.01	51.80 1.51 0.01	44.29 1.59 0.25	41.93 1.44 0.65	38.92 1.15 0.74
NARROWS_GT2_7 24242	36.58 1.91 -0.01	34.79 1.66 -0.01	32.56 1.34 -0.01	32.10 1.32 -0.01	32.09 1.24 -0.01	34.23 1.60 0.00	42.01 1.18 0.00	47.84 1.29 1.27	50.95 1.19 0.01	48.42 1.32 0.01	50.31 1.56 0.01	49.24 1.53 0.01	48.34 1.68 0.01	48.34 1.68 0.00	48.05 1.76 0.00	48.86 1.51 0.00	53.05 1.64 0.01	61.70 1.86 0.01	68.28 2.06 0.01	66.50 1.88 0.01	51.80 1.51 0.01	44.29 1.59 0.25	41.93 1.44 0.65	38.92 1.15 0.74
NARROWS_GT2_8 24243	36.58 1.91 -0.01	34.79 1.66 -0.01	32.56 1.34 -0.01	32.10 1.32 -0.01	32.09 1.24 -0.01	34.23 1.60 0.00	42.01 1.18 0.00	47.84 1.29 1.27	50.95 1.19 0.01	48.42 1.32 0.01	50.31 1.56 0.01	49.24 1.53 0.01	48.34 1.68 0.01	48.34 1.68 0.00	48.05 1.76 0.00	48.86 1.51 0.00	53.05 1.64 0.01	61.70 1.86 0.01	68.28 2.06 0.01	66.50 1.88 0.01	51.80 1.51 0.01	44.29 1.59 0.25	41.93 1.44 0.65	38.92 1.15 0.74
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	35.60 0.94 0.00	33.99 0.86 0.00	32.02 0.81 0.00	31.60 0.83 0.00	31.65 0.80 0.00	33.90 1.27 0.00	42.41 1.59 0.00	48.74 1.91 0.99	51.56 1.79 0.00	48.15 1.04 0.00	49.08 0.34 0.02	47.99 0.29 0.02	47.07 0.42 0.02	47.06 0.42 0.02	46.69 0.42 0.02	47.78 0.43 0.00	51.72 0.31 0.00	60.33 0.48 0.00	66.89 0.66 0.00	65.15 0.52 0.00	50.80 0.50 0.00	43.19 0.43 0.19	41.04 0.41 0.51	38.23 0.31 0.58
NCHELSEA_115KV_TR2 355582	36.30 1.63 0.00	34.52 1.39 0.00	32.39 1.19 0.00	31.97 1.20 0.00	31.96 1.11 0.00	34.00 1.37 0.00	42.33 1.51 0.00	48.46 1.91 1.27	51.71 1.94 0.00	49.13 2.03 0.00	50.95 2.19 0.00	49.87 2.15 0.00	48.87 2.19 0.00	48.90 2.24 0.00	48.52 2.22 0.00	49.39 2.04 0.00	53.77 2.36 0.00	62.66 2.81 0.00	69.34 3.11 0.00	67.48 2.84 0.00	52.56 2.26 0.00	44.63 1.93 0.25	42.01 1.52 0.65	38.91 1.16 0.75
NEG CAPITAL___MECHNVIL 23645	35.95 1.28 0.00	34.26 1.13 0.00	32.30 1.09 0.00	31.84 1.08 0.00	31.90 1.05 0.00	33.77 1.14 0.00	42.29 1.47 0.00	48.62 1.67 0.87	51.46 1.69 0.00	48.71 1.60 0.00	50.42 1.66 0.00	49.25 1.53 0.00	48.17 1.49 0.00	48.20 1.54 0.00	47.87 1.57 0.00	48.96 1.61 0.00	53.21 1.80 0.00	61.88 2.04 0.00	68.55 2.32 0.00	66.90 2.26 0.00	51.95 1.66 0.00	44.24 1.46 0.17	41.97 1.28 0.44	38.96 0.96 0.51
NEG CENTRAL_HIGH_ACRES 23767	33.70 -0.97 0.00	32.40 -0.73 0.00	30.34 -0.87 0.00	29.97 -0.80 0.00	30.04 -0.80 0.00	31.72 -0.91 0.00	39.60 -1.22 0.00	46.64 -2.15 -0.97	50.17 -2.14 -2.55	49.98 -2.07 -4.94	52.41 -1.90 -5.55	51.06 -1.96 -5.30	47.00 -1.96 -2.28	47.03 -1.92 -2.29	46.36 -1.85 -1.91	47.66 -1.80 -2.11	51.32 -2.16 -2.07	64.33 -2.21 -6.69	71.46 -2.18 -7.41	69.74 -2.13 -7.23	53.96 -1.96 -5.62	43.34 -1.85 -2.24	43.00 -1.73 -3.59	40.47 -1.19 -3.16



NEG CENTRAL___DRP 24199	34.67 0.00 0.00	33.16 0.03 0.00	31.08 -0.12 0.00	30.67 -0.09 0.00	30.82 -0.03 0.00	32.60 -0.03 0.00	40.82 0.00 0.00	45.83 -0.05 1.94	51.48 0.05 -1.66	50.29 -0.05 -3.23	52.29 -0.10 -3.63	51.00 -0.19 -3.46	47.93 -0.23 -1.49	47.92 -0.23 -1.50	47.36 -0.19 -1.25	48.63 -0.09 -1.38	52.84 0.05 -1.38	64.66 0.42 -4.39	71.83 0.73 -4.87	70.10 0.71 -4.75	54.40 0.35 -3.75	43.94 0.00 -0.99	42.27 0.04 -1.09	39.34 0.23 -0.61
NEG CENTRAL___INDECK 23768	35.26 0.59 0.00	33.96 0.83 0.00	31.68 0.47 0.00	31.32 0.55 0.00	31.43 0.58 0.00	33.22 0.59 0.00	41.64 0.82 0.00	47.55 0.53 0.80	51.87 0.40 -1.71	50.33 -0.09 -3.31	51.95 -0.54 -3.72	50.47 -0.81 -3.55	47.18 -1.03 -1.53	47.40 -0.79 -1.53	46.83 -0.74 -1.28	48.33 -0.43 -1.41	52.26 -0.51 -1.36	64.68 0.42 -4.41	72.51 1.39 -4.89	70.77 1.36 -4.77	54.61 0.61 -3.71	44.33 0.22 -1.16	42.98 0.29 -1.55	40.56 0.92 -1.13
NEG CENTRAL___SENECA 23627	34.77 0.10 0.00	33.33 0.20 0.00	31.18 -0.03 0.00	30.77 0.00 0.00	30.94 0.09 0.00	32.73 0.10 0.00	40.90 0.08 0.00	46.76 0.00 1.06	51.69 0.10 -1.82	50.60 -0.05 -3.53	52.63 -0.10 -3.97	51.27 -0.24 -3.79	48.03 -0.28 -1.63	48.02 -0.28 -1.64	47.43 -0.23 -1.37	48.71 -0.14 -1.51	53.02 0.10 -1.51	65.23 0.60 -4.79	72.59 1.06 -5.30	70.78 0.97 -5.17	54.85 0.45 -4.10	44.33 0.09 -1.29	43.04 0.16 -1.73	40.18 0.39 -1.29
NEG CENTRAL___STATE_STREET 24147	34.63 -0.03 0.00	33.10 -0.03 0.00	31.08 -0.12 0.00	30.67 -0.09 0.00	30.75 -0.09 0.00	32.57 -0.07 0.00	40.86 0.04 0.00	44.91 0.05 2.96	51.30 0.15 -1.39	49.85 0.05 -2.69	51.83 0.05 -3.02	50.61 0.00 -2.88	47.92 0.00 -1.24	47.90 0.00 -1.25	47.34 0.00 -1.04	48.59 0.09 -1.15	52.71 0.15 -1.15	64.01 0.48 -3.68	71.04 0.73 -4.08	69.33 0.71 -3.98	53.82 0.40 -3.12	43.60 0.09 -0.57	41.44 0.08 -0.22	38.37 0.15 0.28
NEG MILLWOOD___DRP 24198	36.40 1.73 0.00	34.65 1.52 0.00	32.52 1.31 0.00	32.06 1.29 0.00	32.05 1.20 0.00	34.03 1.40 0.00	42.41 1.59 0.00	48.59 2.01 1.24	51.76 1.99 0.00	49.28 2.17 0.00	51.15 2.39 0.00	50.11 2.39 0.00	49.01 2.33 0.00	49.08 2.43 0.00	48.70 2.41 0.00	49.58 2.23 0.00	53.93 2.52 0.00	62.78 2.93 0.00	69.34 3.11 0.00	67.48 2.84 0.00	52.66 2.36 0.00	44.68 1.98 0.24	42.07 1.56 0.64	38.93 1.16 0.73
NEG NORTH_FLCN_SEA 23793	35.08 0.42 0.00	33.76 0.63 0.00	31.86 0.66 0.00	31.38 0.62 0.00	31.56 0.71 0.00	33.38 0.75 0.00	41.35 0.53 0.00	46.96 -0.86 0.00	48.47 -1.29 0.00	45.98 -1.13 0.00	47.64 -1.12 0.00	46.82 -0.91 0.00	45.60 -1.07 0.00	45.49 -1.17 0.00	45.00 -1.30 0.00	46.17 -1.18 0.00	50.18 -1.23 0.00	58.29 -1.56 0.00	64.18 -2.05 0.00	62.63 -2.00 0.00	48.89 -1.41 0.00	42.31 -0.64 0.00	41.63 0.49 0.00	39.89 1.39 0.00
NEG NORTH_KES_CHATEGAY 23792	34.77 0.10 0.00	33.39 0.27 0.00	31.49 0.28 0.00	31.01 0.25 0.00	31.15 0.31 0.00	32.96 0.33 0.00	41.23 0.41 0.00	47.86 0.05 0.00	49.67 -0.10 0.00	47.06 -0.05 0.00	48.71 -0.05 0.00	47.77 0.05 0.00	46.63 -0.05 0.00	46.56 -0.09 0.00	46.11 -0.19 0.00	47.26 -0.09 0.00	51.36 -0.05 0.00	59.73 -0.12 0.00	65.97 -0.26 0.00	64.38 -0.26 0.00	50.20 -0.10 0.00	43.04 0.09 0.00	41.59 0.45 0.00	39.24 0.73 0.00
NEG NORTH___ALICE_FALLS 23915	35.12 0.45 0.00	33.79 0.66 0.00	31.86 0.66 0.00	31.38 0.62 0.00	31.56 0.71 0.00	33.38 0.75 0.00	41.60 0.78 0.00	47.63 -0.19 0.00	49.22 -0.55 0.00	46.68 -0.42 0.00	48.37 -0.39 0.00	47.53 -0.19 0.00	46.30 -0.37 0.00	46.19 -0.47 0.00	45.69 -0.60 0.00	46.88 -0.47 0.00	51.00 -0.41 0.00	59.31 -0.54 0.00	65.37 -0.86 0.00	63.79 -0.84 0.00	49.79 -0.50 0.00	42.86 -0.09 0.00	41.88 0.74 0.00	39.85 1.35 0.00
NEG NORTH___LWR_SARANAC 23913	35.12 0.45 0.00	33.79 0.66 0.00	31.86 0.66 0.00	31.38 0.62 0.00	31.56 0.71 0.00	33.38 0.75 0.00	41.60 0.78 0.00	47.63 -0.19 0.00	49.22 -0.55 0.00	46.68 -0.42 0.00	48.37 -0.39 0.00	47.53 -0.19 0.00	46.30 -0.37 0.00	46.19 -0.47 0.00	45.69 -0.60 0.00	46.88 -0.47 0.00	51.00 -0.41 0.00	59.31 -0.54 0.00	65.37 -0.86 0.00	63.79 -0.84 0.00	49.79 -0.50 0.00	42.86 -0.09 0.00	41.88 0.74 0.00	39.85 1.35 0.00
NEG NORTH___PLATTSBURG 23628	35.12 0.45 0.00	33.79 0.66 0.00	31.87 0.66 0.00	31.38 0.62 0.00	31.56 0.71 0.00	33.38 0.75 0.00	41.60 0.77 0.00	48.34 0.53 0.00	50.31 0.55 0.00	47.72 0.61 0.00	49.44 0.68 0.00	48.59 0.86 0.00	47.33 0.65 0.00	47.22 0.56 0.00	46.71 0.42 0.00	47.92 0.57 0.00	52.13 0.72 0.00	60.62 0.78 0.00	66.89 0.66 0.00	65.28 0.65 0.00	50.90 0.61 0.00	43.29 0.34 0.00	41.88 0.74 0.00	39.85 1.35 0.00
NEG WEST_LEA_LOCKPORT 23791	33.83 -0.83 0.00	32.76 -0.36 0.00	30.37 -0.84 0.00	29.97 -0.80 0.00	30.17 -0.68 0.00	31.65 -0.98 0.00	39.35 -1.47 0.00	44.71 -3.44 -0.34	48.07 -3.88 -2.18	47.96 -3.39 -4.25	49.77 -3.75 -4.77	48.65 -3.63 -4.55	45.04 -3.59 -1.96	45.12 -3.50 -1.96	44.37 -3.56 -1.64	45.84 -3.31 -1.81	48.79 -4.42 -1.81	60.64 -4.73 -5.52	67.77 -4.57 -6.11	65.82 -4.78 -5.96	51.05 -4.17 -4.93	41.18 -3.65 -1.88	41.50 -2.59 -2.95	40.12 -0.92 -2.54
NEG WEST___LANCASTER 23811	33.59 -1.07 0.00	32.40 -0.73 0.00	30.05 -1.15 0.00	29.66 -1.11 0.00	29.89 -0.96 0.00	31.52 -1.11 0.00	39.43 -1.39 0.00	47.00 -0.29 0.53	51.21 -0.40 -1.84	50.42 -0.28 -3.59	52.31 -0.49 -4.04	51.15 -0.43 -3.85	47.86 -0.47 -1.65	47.94 -0.37 -1.65	47.49 -0.19 -1.38	48.68 -0.19 -1.52	52.26 -0.67 -1.52	63.88 -0.42 -4.45	71.36 0.20 -4.93	69.40 -0.06 -4.83	53.91 -0.55 -4.17	43.71 -0.69 -1.44	43.25 0.00 -2.11	41.18 1.00 -1.67
NEG_PENN_ALLEGHNY 23528	34.94 0.28 0.00	33.43 0.30 0.00	31.37 0.16 0.00	30.95 0.19 0.00	31.03 0.19 0.00	32.86 0.23 0.00	41.15 0.33 0.00	42.12 0.48 6.18	49.76 0.55 0.56	46.45 0.42 1.08	47.98 0.44 1.21	46.95 0.38 1.16	46.50 0.33 0.50	46.53 0.37 0.50	46.25 0.37 0.42	47.27 0.38 0.46	51.29 0.31 0.43	59.06 0.60 1.39	65.55 0.86 1.54	63.97 0.84 1.50	49.63 0.50 1.17	41.59 0.26 1.62	37.61 0.25 3.78	34.82 0.46 4.15
NEG___GEN_MONROE 24207	34.42 -0.24 0.00	33.13 0.00 0.00	30.93 -0.28 0.00	30.52 -0.25 0.00	30.69 -0.15 0.00	32.37 -0.26 0.00	40.37 -0.45 0.00	47.85 -1.43 -1.47	50.93 -1.49 -2.65	50.94 -1.32 -5.15	53.08 -1.46 -5.79	51.72 -1.53 -5.52	47.42 -1.63 -2.38	47.50 -1.54 -2.39	46.76 -1.53 -1.99	48.08 -1.47 -2.20	51.65 -1.95 -2.20	64.85 -1.92 -6.92	72.17 -1.72 -7.66	70.50 -1.62 -7.48	54.66 -1.61 -5.98	43.89 -1.55 -2.49	44.13 -1.11 -4.10	41.73 -0.46 -3.69
NEPA___ENERGY 23901	34.08 -0.59 0.00	32.86 -0.27 0.00	30.49 -0.72 0.00	30.12 -0.65 0.00	30.38 -0.46 0.00	32.01 -0.62 0.00	40.09 -0.73 0.00	46.06 -1.24 0.51	50.11 -1.49 -1.84	49.29 -1.41 -3.60	51.14 -1.66 -4.04	50.01 -1.57 -3.85	46.59 -1.73 -1.65	46.68 -1.63 -1.65	46.15 -1.53 -1.38	47.35 -1.52 -1.52	51.08 -1.85 -1.52	62.54 -1.74 -4.43	69.95 -1.19 -4.91	68.08 -1.36 -4.80	52.86 -1.61 -4.17	42.76 -1.63 -1.44	42.27 -0.99 -2.12	40.13 -0.04 -1.67

NEVERSINK___HYD 23608	36.50 1.84 0.00	34.72 1.59 0.00	32.55 1.34 0.00	32.09 1.32 0.00	32.11 1.27 0.00	34.17 1.53 0.00	42.66 1.84 0.00	48.66 2.30 1.46	52.15 2.39 0.00	49.32 2.21 0.00	51.14 2.39 0.00	50.01 2.29 0.00	48.96 2.29 0.00	48.99 2.33 0.00	48.65 2.36 0.00	49.58 2.23 0.00	54.08 2.67 0.00	63.20 3.35 0.00	70.00 3.77 0.00	68.12 3.49 0.00	53.11 2.81 0.00	45.12 2.45 0.28	42.42 2.02 0.74	39.16 1.50 0.85
NEWKRMKL_115KV_TB1 55635	34.98 0.31 0.00	33.43 0.30 0.00	31.52 0.31 0.00	31.10 0.34 0.00	31.15 0.31 0.00	32.99 0.36 0.00	41.19 0.37 0.00	47.25 0.33 0.90	50.16 0.40 0.00	47.34 0.24 0.00	48.90 0.15 0.00	47.77 0.05 0.00	46.77 0.09 0.00	46.80 0.14 0.00	46.48 0.19 0.00	47.44 0.09 0.00	51.51 0.10 0.00	59.85 0.00 0.00	66.23 0.00 0.00	64.63 0.00 0.00	50.30 0.00 0.00	42.82 0.04 0.18	40.60 -0.08 0.46	37.74 -0.23 0.53
NEWTON___FALLS_HYD 23847	35.08 0.42 0.00	33.63 0.50 0.00	31.86 0.66 0.00	31.23 0.46 0.00	31.43 0.59 0.00	33.32 0.69 0.00	41.88 1.06 0.00	48.78 1.05 0.09	51.45 0.95 -0.74	49.20 0.66 -1.43	50.95 0.59 -1.61	50.17 0.91 -1.54	48.08 0.75 -0.66	47.84 0.51 -0.66	47.36 0.51 -0.55	48.77 0.80 -0.61	52.84 0.82 -0.61	62.60 0.78 -1.98	69.55 1.13 -2.19	67.93 1.16 -2.14	52.92 0.96 -1.66	44.83 1.29 -0.59	43.26 1.23 -0.89	40.35 1.12 -0.73
NGRID_A1_DSASP 323792	33.90 -0.76 0.00	32.86 -0.27 0.00	30.46 -0.75 0.00	30.18 -0.59 0.00	30.26 -0.59 0.00	31.52 -1.11 0.00	38.66 -2.16 0.00	44.10 -3.97 -0.25	47.93 -3.98 -2.14	47.33 -3.96 -4.18	49.21 -4.24 -4.69	48.10 -4.10 -4.48	44.72 -3.87 -1.92	44.81 -3.78 -1.93	43.55 -4.35 -1.61	45.52 -3.60 -1.77	48.49 -4.58 -1.65	60.15 -5.09 -5.39	67.43 -4.77 -5.97	65.49 -4.98 -5.83	50.45 -4.38 -4.53	40.39 -4.21 -1.65	40.48 -3.17 -2.51	39.15 -1.42 -2.07
NGRID_A2_DSASP 323793	33.90 -0.76 0.00	32.86 -0.27 0.00	30.46 -0.75 0.00	30.18 -0.59 0.00	30.26 -0.59 0.00	31.52 -1.11 0.00	38.66 -2.16 0.00	44.10 -3.97 -0.25	47.93 -3.98 -2.14	47.33 -3.96 -4.18	49.21 -4.24 -4.69	48.10 -4.10 -4.48	44.72 -3.87 -1.92	44.81 -3.78 -1.93	43.55 -4.35 -1.61	45.52 -3.60 -1.77	48.49 -4.58 -1.65	60.15 -5.09 -5.39	67.43 -4.77 -5.97	65.49 -4.98 -5.83	50.45 -4.38 -4.53	40.39 -4.21 -1.65	40.48 -3.17 -2.51	39.15 -1.42 -2.07
NGRID_A4_DSASP 323807	33.90 -0.76 0.00	32.86 -0.27 0.00	30.46 -0.75 0.00	30.18 -0.59 0.00	30.26 -0.59 0.00	31.52 -1.11 0.00	38.66 -2.16 0.00	44.10 -3.97 -0.25	47.93 -3.98 -2.14	47.33 -3.96 -4.18	49.21 -4.24 -4.69	48.10 -4.10 -4.48	44.72 -3.87 -1.92	44.81 -3.78 -1.93	43.55 -4.35 -1.61	45.52 -3.60 -1.77	48.49 -4.58 -1.65	60.15 -5.09 -5.39	67.43 -4.77 -5.97	65.49 -4.98 -5.83	50.45 -4.38 -4.53	40.39 -4.21 -1.65	40.48 -3.17 -2.51	39.15 -1.42 -2.07
NIAGARA_115E_LBMP 323715	33.35 -1.32 0.00	32.33 -0.80 0.00	29.99 -1.22 0.00	29.66 -1.11 0.00	29.77 -1.08 0.00	31.26 -1.37 0.00	38.74 -2.08 0.00	44.29 -3.78 -0.26	47.53 -4.38 -2.15	47.47 -3.81 -4.18	49.36 -4.10 -4.70	48.20 -4.01 -4.48	44.49 -4.11 -1.92	44.85 -3.73 -1.93	43.69 -4.21 -1.61	45.38 -3.74 -1.78	48.03 -5.04 -1.66	59.62 -5.63 -5.40	66.85 -5.36 -5.98	64.78 -5.69 -5.83	49.95 -4.88 -4.53	40.95 -3.65 -1.65	40.36 -3.29 -2.52	39.36 -1.27 -2.12
NIAGARA_115W_LBMP 323714	33.87 -0.80 0.00	32.83 -0.30 0.00	30.43 -0.78 0.00	30.15 -0.62 0.00	30.23 -0.62 0.00	31.46 -1.17 0.00	38.58 -2.25 0.00	44.06 -4.02 -0.26	47.88 -4.03 -2.15	47.28 -4.00 -4.18	49.16 -4.29 -4.70	48.01 -4.20 -4.48	44.68 -3.92 -1.92	44.76 -3.82 -1.93	43.46 -4.44 -1.61	45.52 -3.60 -1.77	48.49 -4.58 -1.66	60.15 -5.09 -5.39	67.37 -4.83 -5.97	65.42 -5.04 -5.83	50.45 -4.38 -4.53	40.35 -4.25 -1.65	40.44 -3.21 -2.51	39.12 -1.46 -2.08
NIAGARA_230_LBMP 323716	33.77 -0.90 0.00	32.70 -0.43 0.00	30.34 -0.87 0.00	30.03 -0.74 0.00	30.14 -0.71 0.00	31.62 -1.01 0.00	39.15 -1.68 0.00	44.36 -3.73 -0.28	47.90 -4.03 -2.17	47.54 -3.77 -4.20	49.43 -4.05 -4.72	48.26 -3.96 -4.50	44.70 -3.92 -1.94	44.92 -3.69 -1.95	44.22 -3.71 -1.63	45.50 -3.64 -1.80	48.51 -4.58 -1.68	60.18 -5.09 -5.42	67.40 -4.83 -6.00	65.51 -4.98 -5.85	50.47 -4.38 -4.55	40.80 -3.82 -1.67	40.47 -3.21 -2.54	39.18 -1.46 -2.14
NIAGARA___115KV_198_GIBSON 55903	33.87 -0.80 0.00	32.83 -0.30 0.00	30.40 -0.81 0.00	30.00 -0.77 0.00	30.23 -0.62 0.00	31.39 -1.24 0.00	38.58 -2.25 0.00	43.96 -4.11 -0.26	47.78 -4.13 -2.15	47.33 -3.96 -4.18	49.16 -4.29 -4.70	48.05 -4.15 -4.48	44.82 -3.78 -1.92	44.90 -3.69 -1.93	43.55 -4.35 -1.61	45.62 -3.50 -1.77	48.76 -4.42 -1.77	60.33 -4.91 -5.39	67.37 -4.83 -5.97	65.43 -5.04 -5.83	50.77 -4.38 -4.85	40.92 -3.87 -1.84	41.17 -2.84 -2.87	39.51 -1.42 -2.43
NIAGARA____ 23760	33.77 -0.90 0.00	32.70 -0.43 0.00	30.34 -0.87 0.00	30.03 -0.74 0.00	30.14 -0.71 0.00	31.62 -1.01 0.00	39.15 -1.68 0.00	44.36 -3.73 -0.27	47.90 -4.03 -2.16	47.53 -3.77 -4.19	49.42 -4.05 -4.71	48.26 -3.96 -4.50	44.69 -3.92 -1.94	44.92 -3.69 -1.95	44.21 -3.71 -1.61	45.50 -3.64 -1.79	48.51 -4.58 -1.67	60.17 -5.09 -5.41	67.39 -4.83 -5.99	65.51 -4.98 -5.85	50.47 -4.38 -4.55	40.80 -3.82 -1.67	40.46 -3.21 -2.53	39.18 -1.46 -2.14
NINE_MILE_1 23575	33.66 -1.01 0.00	32.17 -0.96 0.00	30.27 -0.94 0.00	29.84 -0.92 0.00	29.95 -0.90 0.00	31.65 -0.98 0.00	39.64 -1.19 0.00	-24.13 -1.29 70.66	26.28 -1.29 22.19	2.76 -1.27 43.08	-0.92 -1.27 48.41	0.27 -1.29 46.17	25.52 -1.26 19.89	25.44 -1.26 19.96	28.38 -1.25 16.66	27.75 -1.23 18.37	31.65 -1.39 18.37	-1.13 -1.49 59.48	-1.25 -1.59 65.89	-1.22 -1.55 64.30	-0.95 -1.26 49.99	9.60 -1.12 32.23	-24.18 -1.11 64.21	-27.69 -0.96 65.24
NINE_MILE_2 23744	33.66 -1.01 0.00	32.17 -0.96 0.00	30.27 -0.94 0.00	29.84 -0.92 0.00	29.95 -0.90 0.00	31.65 -0.98 0.00	39.64 -1.19 0.00	-24.65 -1.29 71.18	26.09 -1.29 22.38	2.40 -1.27 43.44	-1.32 -1.27 48.81	-0.12 -1.29 46.56	25.36 -1.26 20.06	25.27 -1.26 20.13	28.25 -1.25 16.80	27.60 -1.23 18.52	31.50 -1.39 18.52	-1.62 -1.49 59.98	-1.80 -1.59 66.44	-1.75 -1.55 64.84	-1.36 -1.26 50.41	9.34 -1.12 32.49	-24.68 -1.11 64.71	-28.16 -0.92 65.74
NM_CAPITAL___DRP 24208	35.12 0.45 0.00	33.53 0.40 0.00	31.61 0.41 0.00	31.20 0.43 0.00	31.25 0.40 0.00	33.09 0.46 0.00	41.31 0.49 0.00	47.39 0.48 0.90	50.31 0.55 0.00	47.53 0.42 0.00	49.10 0.34 0.00	47.96 0.24 0.00	47.00 0.33 0.00	46.98 0.33 0.00	46.67 0.37 0.00	47.63 0.28 0.00	51.77 0.36 0.00	60.09 0.24 0.00	66.50 0.26 0.00	64.89 0.26 0.00	50.55 0.25 0.00	42.99 0.21 0.18	40.76 0.08 0.46	37.90 -0.08 0.53
NM_CENTRAL___DRP 24181	34.25 -0.42 0.00	32.76 -0.36 0.00	30.77 -0.44 0.00	30.37 -0.40 0.00	30.45 -0.40 0.00	32.21 -0.42 0.00	40.37 -0.45 0.00	43.05 -0.43 4.34	50.19 -0.35 -0.77	48.28 -0.33 -1.50	50.15 -0.29 -1.69	49.00 -0.33 -1.61	47.04 -0.33 -0.69	47.03 -0.33 -0.70	46.55 -0.32 -0.58	47.71 -0.28 -0.64	51.69 -0.36 -0.64	61.61 -0.30 -2.06	68.25 -0.26 -2.29	66.67 -0.19 -2.23	51.79 -0.25 -1.74	42.40 -0.34 0.21	39.60 -0.29 1.25	36.53 -0.23 1.74

NM_FRONTIER___DRP 24179	33.87 -0.80 0.00	32.83 -0.30 0.00	30.40 -0.81 0.00	30.00 -0.77 0.00	30.23 -0.62 0.00	31.39 -1.24 0.00	38.58 -2.25 0.00	43.96 -4.11 -0.26	47.78 -4.13 -2.15	47.33 -3.96 -4.18	49.16 -4.29 -4.70	48.05 -4.15 -4.48	44.82 -3.78 -1.92	44.90 -3.69 -1.93	43.55 -4.35 -1.61	45.62 -3.50 -1.77	48.76 -4.42 -1.77	60.33 -4.91 -5.39	67.37 -4.83 -5.97	65.43 -5.04 -5.83	50.77 -4.38 -4.85	40.92 -3.87 -1.84	41.17 -2.84 -2.87	39.51 -1.42 -2.43
NM_ST_REGIS___HYD 24053	35.19 0.52 0.00	33.79 0.66 0.00	31.90 0.69 0.00	31.29 0.52 0.00	31.46 0.62 0.00	33.32 0.69 0.00	41.88 1.06 0.00	48.82 1.00 0.00	50.66 0.90 0.00	47.91 0.80 0.00	49.54 0.78 0.00	48.73 1.00 0.00	47.52 0.84 0.00	47.36 0.70 0.00	46.85 0.56 0.00	48.15 0.80 0.00	52.18 0.77 0.00	60.27 0.42 0.00	66.69 0.46 0.00	65.15 0.52 0.00	50.80 0.50 0.00	43.85 0.90 0.00	42.29 1.15 0.00	39.66 1.16 0.00
NORTHPORT___1 23551	35.74 1.08 0.00	33.76 0.63 0.00	31.58 0.38 0.00	31.20 0.43 0.00	31.12 0.28 0.00	33.48 0.85 0.00	41.02 0.21 0.01	46.49 0.10 1.42	49.85 0.10 0.02	47.43 0.33 0.01	49.49 0.73 0.00	48.34 0.62 0.00	47.66 0.98 0.00	47.78 1.12 0.00	47.36 1.07 0.00	48.06 0.71 0.00	52.49 1.08 0.00	60.93 1.08 0.00	67.03 0.80 0.00	65.28 0.65 0.00	51.05 0.76 0.00	43.52 0.81 0.25	41.56 1.07 0.64	38.65 0.89 0.74
NORTHPORT___2 23552	35.74 1.08 0.00	33.76 0.63 0.00	31.58 0.38 0.00	31.20 0.43 0.00	31.12 0.28 0.00	33.48 0.85 0.00	41.02 0.21 0.01	46.49 0.10 1.42	49.85 0.10 0.02	47.43 0.33 0.01	49.49 0.73 0.00	48.34 0.62 0.00	47.66 0.98 0.00	47.78 1.12 0.00	47.36 1.07 0.00	48.06 0.71 0.00	52.49 1.08 0.00	60.93 1.08 0.00	67.03 0.80 0.00	65.28 0.65 0.00	51.05 0.76 0.00	43.52 0.81 0.25	41.56 1.07 0.64	38.65 0.89 0.74
NORTHPORT___3 23553	35.81 1.14 0.00	33.86 0.73 0.00	31.68 0.47 0.00	31.29 0.52 0.00	31.22 0.37 0.00	33.51 0.88 0.00	40.98 0.16 0.01	46.30 -0.10 1.42	49.70 -0.05 0.01	47.29 0.19 0.01	49.34 0.59 0.00	48.25 0.53 0.00	47.47 0.79 0.00	47.59 0.93 0.00	47.17 0.88 0.00	47.87 0.52 0.00	52.28 0.87 0.00	60.80 0.95 0.00	66.89 0.66 0.00	65.15 0.51 0.00	50.90 0.61 0.00	43.35 0.65 0.25	41.48 0.99 0.64	38.69 0.92 0.74
NORTHPORT___4 23650	35.81 1.14 0.00	33.86 0.73 0.00	31.68 0.47 0.00	31.29 0.52 0.00	31.22 0.37 0.00	33.51 0.88 0.00	40.98 0.16 0.01	46.30 -0.10 1.42	49.70 -0.05 0.01	47.29 0.19 0.01	49.34 0.59 0.00	48.25 0.53 0.00	47.47 0.79 0.00	47.59 0.93 0.00	47.17 0.88 0.00	47.87 0.52 0.00	52.28 0.87 0.00	60.80 0.95 0.00	66.89 0.66 0.00	65.15 0.51 0.00	50.90 0.61 0.00	43.35 0.65 0.25	41.48 0.99 0.64	38.69 0.92 0.74
NORTHPORT___IC 23718	35.67 1.01 0.00	33.76 0.63 0.00	31.71 0.50 0.00	31.32 0.55 0.00	31.12 0.28 0.00	33.51 0.88 0.00	41.06 0.24 0.01	46.54 0.14 1.42	49.85 0.10 0.02	47.57 0.47 0.01	49.78 1.02 0.00	48.63 0.91 0.00	47.94 1.26 0.00	48.10 1.45 0.00	47.64 1.34 0.00	48.34 0.99 0.00	52.85 1.44 0.00	61.34 1.50 0.00	67.56 1.32 0.00	65.80 1.16 0.00	51.35 1.06 0.00	43.52 0.82 0.25	40.94 0.45 0.65	38.64 0.89 0.75
NORTH___COUNTRY_ESR 323785	34.70 0.03 0.00	33.33 0.20 0.00	31.43 0.22 0.00	30.95 0.19 0.00	31.09 0.25 0.00	32.89 0.26 0.00	41.11 0.29 0.00	48.06 0.24 0.00	50.07 0.30 0.00	47.44 0.33 0.00	49.15 0.39 0.00	48.20 0.48 0.00	47.05 0.37 0.00	46.94 0.28 0.00	46.48 0.19 0.00	47.64 0.29 0.00	51.77 0.36 0.00	60.15 0.30 0.00	66.43 0.20 0.00	64.76 0.13 0.00	50.50 0.20 0.00	43.08 0.13 0.00	41.51 0.37 0.00	39.12 0.61 0.00
NPX_GEN_1385_PROXY 323591	35.19 0.55 0.03	33.23 0.10 0.00	31.08 -0.12 0.00	30.70 -0.06 0.00	30.60 -0.25 0.00	33.25 0.62 0.00	40.77 -0.04 0.01	46.30 -0.10 1.42	49.65 -0.10 0.02	47.24 0.14 0.01	49.10 0.34 0.00	47.97 0.24 0.00	47.47 0.79 0.00	47.64 0.98 0.00	47.17 0.88 0.00	47.73 0.38 0.00	52.38 0.97 0.00	60.45 0.60 0.00	66.30 0.07 0.00	64.89 0.26 0.00	50.55 0.25 0.00	43.09 0.39 0.25	41.15 0.66 0.64	38.04 0.27 0.74
NPX_GEN_CSC 323557	35.57 0.90 0.00	33.59 0.46 0.00	31.40 0.19 0.00	31.04 0.28 0.00	30.91 0.06 0.00	33.28 0.65 0.00	40.73 -0.08 0.01	46.25 -0.14 1.42	49.70 -0.05 0.01	47.34 0.24 0.01	49.49 0.73 0.00	48.34 0.62 0.00	47.61 0.93 0.00	47.78 1.12 0.00	47.36 1.07 0.00	48.06 0.71 0.00	52.59 1.18 0.00	61.04 1.20 0.00	67.09 0.86 0.00	65.35 0.71 0.00	51.15 0.85 0.00	43.56 0.86 0.25	41.36 0.87 0.64	38.53 0.77 0.74
NSINS_S_GLNS_FALLS 23858	35.74 1.07 0.00	34.09 0.96 0.00	32.18 0.97 0.00	31.69 0.92 0.00	31.77 0.93 0.00	33.61 0.98 0.00	42.13 1.31 0.00	48.52 1.58 0.87	51.31 1.54 0.00	48.57 1.46 0.00	50.32 1.56 0.00	49.11 1.38 0.00	47.94 1.26 0.00	47.96 1.31 0.00	47.64 1.34 0.00	48.77 1.42 0.00	53.00 1.59 0.00	61.70 1.86 0.00	68.48 2.25 0.00	66.77 2.13 0.00	51.86 1.56 0.00	44.07 1.29 0.17	41.76 1.07 0.45	38.76 0.77 0.52
NUCOR_STEEL___DRP 24197	34.67 0.00 0.00	33.16 0.03 0.00	31.12 -0.09 0.00	30.70 -0.06 0.00	30.82 -0.03 0.00	32.60 -0.03 0.00	40.86 0.04 0.00	44.84 0.05 3.02	51.32 0.15 -1.40	49.93 0.09 -2.72	51.92 0.10 -3.06	50.69 0.05 -2.92	47.98 0.05 -1.26	47.97 0.05 -1.26	47.40 0.05 -1.05	48.61 0.09 -1.16	52.67 0.10 -1.16	64.00 0.42 -3.73	70.96 0.60 -4.13	69.25 0.58 -4.03	53.76 0.30 -3.16	43.60 0.09 -0.57	41.43 0.08 -0.21	38.36 0.15 0.30
NUMBER_THREE_WT_PWR 323818	35.05 0.38 0.00	33.53 0.40 0.00	31.96 0.75 0.00	31.32 0.55 0.00	31.49 0.65 0.00	33.41 0.78 0.00	42.05 1.22 0.00	48.52 1.10 0.40	51.64 1.05 -0.83	49.32 0.61 -1.60	51.00 0.44 -1.80	50.40 0.95 -1.72	48.26 0.84 -0.74	48.10 0.70 -0.74	47.66 0.74 -0.62	49.12 1.09 -0.68	53.32 1.23 -0.68	63.61 1.55 -2.21	70.80 2.12 -2.45	69.22 2.20 -2.39	53.87 1.71 -1.86	45.23 1.67 -0.60	43.37 1.40 -0.83	40.34 1.19 -0.63
NYISO_LBMP_REFERENCE 24008	34.67 0.00 0.00	33.13 0.00 0.00	31.21 0.00 0.00	30.77 0.00 0.00	30.85 0.00 0.00	32.63 0.00 0.00	40.82 0.00 0.00	47.82 0.00 0.00	49.77 0.00 0.00	47.11 0.00 0.00	48.76 0.00 0.00	47.73 0.00 0.00	46.67 0.00 0.00	46.66 0.00 0.00	46.30 0.00 0.00	47.35 0.00 0.00	51.41 0.00 0.00	59.85 0.00 0.00	66.23 0.00 0.00	64.63 0.00 0.00	50.30 0.00 0.00	42.95 0.00 0.00	41.14 0.00 0.00	38.51 0.00 0.00
NYPA_BRENTWD____GT 24164	36.09 1.42 0.00	34.09 0.96 0.00	31.89 0.69 0.00	31.50 0.74 0.00	31.40 0.56 0.00	33.80 1.17 0.00	41.51 0.69 0.01	46.64 0.24 1.41	50.60 0.85 0.01	48.09 0.99 0.01	50.27 1.51 0.00	49.11 1.38 0.00	48.35 1.68 0.00	48.53 1.87 0.00	48.10 1.80 0.00	48.82 1.47 0.00	53.16 1.75 0.00	61.82 1.97 0.00	67.95 1.72 0.00	66.18 1.55 0.00	51.91 1.61 0.00	44.21 1.50 0.25	42.06 1.56 0.64	39.07 1.31 0.74

NYPA_GOWANUS____GT5 24156	36.58	34.79	32.56	32.10	32.09	34.23	42.01	47.84	50.95	48.42	50.31	49.24	48.34	48.34	48.05	48.86	53.05	61.70	68.28	66.50	51.80	44.29	41.93	38.92
	1.91	1.66	1.34	1.32	1.24	1.60	1.18	1.29	1.19	1.32	1.56	1.53	1.68	1.68	1.76	1.51	1.64	1.86	2.06	1.88	1.51	1.59	1.44	1.15
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	1.27	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.25	0.65	0.74
NYPA_GOWANUS____GT6 24157	36.58	34.79	32.56	32.10	32.09	34.23	42.01	47.84	50.95	48.42	50.31	49.24	48.34	48.34	48.05	48.86	53.05	61.70	68.28	66.50	51.80	44.29	41.93	38.92
	1.91	1.66	1.34	1.32	1.24	1.60	1.18	1.29	1.19	1.32	1.56	1.53	1.68	1.68	1.76	1.51	1.64	1.86	2.06	1.88	1.51	1.59	1.44	1.15
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	1.27	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.25	0.65	0.74
NYPA_HARLEM__RVR__GT1 24160	36.55	34.69	32.62	32.19	32.18	34.17	41.96	47.68	50.90	48.42	50.31	49.24	48.34	48.38	48.00	48.81	53.10	61.63	68.15	66.37	51.75	44.20	41.97	39.07
	1.87	1.56	1.41	1.42	1.33	1.53	1.14	1.15	1.15	1.32	1.56	1.53	1.68	1.73	1.71	1.47	1.69	1.79	1.92	1.75	1.46	1.50	1.48	1.31
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	1.28	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.25	0.65	0.74
NYPA_HARLEM__RVR__GT2 24161	36.55	34.69	32.62	32.19	32.18	34.17	41.96	47.68	50.90	48.42	50.31	49.24	48.34	48.38	48.00	48.81	53.10	61.63	68.15	66.37	51.75	44.20	41.97	39.07
	1.87	1.56	1.41	1.42	1.33	1.53	1.14	1.15	1.15	1.32	1.56	1.53	1.68	1.73	1.71	1.47	1.69	1.79	1.92	1.75	1.46	1.50	1.48	1.31
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	1.28	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.25	0.65	0.74
NYPA_KENT____GT 24152	36.58	34.79	32.59	32.13	32.12	34.23	42.13	47.98	51.10	48.56	50.45	49.38	48.44	48.48	48.15	48.96	53.20	61.87	68.40	66.63	51.90	44.38	42.06	38.96
	1.91	1.66	1.37	1.35	1.27	1.60	1.31	1.43	1.34	1.46	1.71	1.67	1.77	1.82	1.85	1.61	1.80	2.04	2.18	2.01	1.61	1.67	1.56	1.19
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	1.27	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.25	0.65	0.74
NYPA_POUCH1____GT 24155	36.58	34.83	32.56	32.07	32.06	34.29	41.84	47.69	50.75	48.23	50.07	49.01	48.07	48.15	47.82	48.63	52.89	61.51	68.07	66.30	51.65	44.12	41.77	38.80
	1.91	1.69	1.34	1.29	1.20	1.66	1.02	1.15	0.99	1.13	1.32	1.29	1.40	1.49	1.53	1.28	1.49	1.67	1.85	1.68	1.36	1.42	1.28	1.04
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	1.27	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.25	0.65	0.74
NYPA_VERNON____GT2 24162	36.58	34.76	32.59	32.16	32.12	34.23	42.25	48.12	51.31	48.76	50.66	49.59	48.64	48.66	48.33	49.10	53.41	62.05	68.60	66.76	52.10	44.51	42.14	39.03
	1.91	1.62	1.37	1.39	1.27	1.60	1.43	1.58	1.54	1.65	1.90	1.86	1.96	2.00	2.03	1.75	2.00	2.22	2.38	2.13	1.81	1.80	1.65	1.27
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	1.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.25	0.65	0.74
NYPA_VERNON____GT3 24163	36.58	34.76	32.59	32.16	32.12	34.23	42.25	48.12	51.31	48.76	50.66	49.59	48.64	48.66	48.33	49.10	53.41	62.05	68.60	66.76	52.10	44.51	42.14	39.03
	1.91	1.62	1.37	1.39	1.27	1.60	1.43	1.58	1.54	1.65	1.90	1.86	1.96	2.00	2.03	1.75	2.00	2.22	2.38	2.13	1.81	1.80	1.65	1.27
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	1.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.25	0.65	0.74
NYPA____ASTORIA_CC1 323568	36.58	34.76	32.62	32.16	32.15	34.23	42.17	48.03	51.21	48.71	50.56	49.49	48.59	48.57	48.24	49.05	53.31	61.93	68.48	66.63	52.00	44.42	42.10	39.03
	1.91	1.62	1.41	1.39	1.30	1.60	1.35	1.48	1.44	1.60	1.81	1.77	1.91	1.91	1.94	1.70	1.90	2.09	2.25	2.01	1.71	1.72	1.60	1.27
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	1.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.25	0.65	0.74
NYPA____ASTORIA_CC2 323569	36.58	34.76	32.62	32.16	32.15	34.23	42.17	48.03	51.21	48.71	50.56	49.49	48.59	48.57	48.24	49.05	53.31	61.93	68.48	66.63	52.00	44.42	42.10	39.03
	1.91	1.62	1.41	1.39	1.30	1.60	1.35	1.48	1.44	1.60	1.81	1.77	1.91	1.91	1.94	1.70	1.90	2.09	2.25	2.01	1.71	1.72	1.60	1.27
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	1.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.25	0.65	0.74
NYPA____HOLTSVILL 23794	35.85	33.86	31.65	31.26	31.15	33.54	41.02	46.59	50.00	47.62	49.73	48.63	47.89	48.06	47.59	48.30	52.85	61.28	67.42	65.67	51.40	43.78	41.65	38.80
	1.18	0.73	0.44	0.49	0.31	0.91	0.21	0.19	0.25	0.52	0.97	0.90	1.21	1.40	1.29	0.95	1.44	1.43	1.19	1.03	1.11	1.07	1.15	1.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.01	1.42	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.64	0.74
NYPA____HELLGATE_GT1 24158	36.55	34.69	32.62	32.19	32.18	34.17	41.96	47.78	51.00	48.51	50.41	49.34	48.39	48.42	48.09	48.90	53.15	61.75	68.28	66.43	51.85	44.24	41.97	39.07
	1.87	1.56	1.41	1.42	1.33	1.53	1.14	1.24	1.24	1.41	1.66	1.62	1.73	1.77	1.80	1.56	1.75	1.91	2.06	1.81	1.56	1.54	1.48	1.31
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	1.28	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.25	0.65	0.74
NYPA____HELLGATE_GT2 24159	36.55	34.69	32.62	32.19	32.18	34.17	41.96	47.78	51.00	48.51	50.41	49.34	48.39	48.42	48.09	48.90	53.15	61.75	68.28	66.43	51.85	44.24	41.97	39.07
	1.87	1.56	1.41	1.42	1.33	1.53	1.14	1.24	1.24	1.41	1.66	1.62	1.73	1.77	1.80	1.56	1.75	1.91	2.06	1.81	1.56	1.54	1.48	1.31
	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	1.28	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.25	0.65	0.74
NYS_BARGE____HYD 23848	33.80	32.73	30.37	30.06	30.17	31.68	39.35	44.96	48.29	48.11	49.98	48.80	45.06	45.38	44.34	45.96	48.81	60.65	67.99	66.02	50.87	41.43	40.99	39.91
	-0.87	-0.40	-0.84	-0.71	-0.68	-0.95	-1.47	-3.25	-3.68	-3.30	-3.61	-3.53	-3.59	-3.27	-3.61	-3.22	-4.32	-4.79	-4.44	-4.65	-4.12	-3.27	-2.84	-0.88
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.40	-2.21	-4.30	-4.83	-4.61	-1.98	-1.99	-1.66	-1.83	-1.72	-5.59	-6.19	-6.04	-4.70	-1.75	-2.69	-2.29
OAK ORCHARD____HYD 24046	34.32	33.03	30.90	30.52	30.60	32.31	40.37	47.90	51.05	50.93	53.18	51.81	47.53	47.62	46.92	48.24	51.82	65.16	72.51	70.70	54.71	43.96	43.89	41.46
	-0.35	-0.10	-0.31	-0.25	-0.25	-0.33	-0.45	-1.43	-1.39	-1.37	-1.42	-1.48	-1.54	-1.45	-1.39	-1.33	-1.75	-1.68	-1.46	-1.48	-1.46	-1.42	-1.23	-0.62
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.52	-2.67	-5.19	-5.83	-5.57	-2.40	-2.41	-2.01	-2.21	-2.16	-6.98	-7.74	-7.55	-5.87	-2.43	-3.98	-3.57

OAKDALE___35_KV_LOAD 356122	34.81 0.14 0.00	33.29 0.17 0.00	31.24 0.03 0.00	30.83 0.06 0.00	30.94 0.09 0.00	32.70 0.07 0.00	40.95 0.12 0.00	42.12 0.29 5.98	49.57 0.30 0.49	46.39 0.24 0.95	47.93 0.24 1.07	46.90 0.19 1.02	46.38 0.14 0.44	46.40 0.19 0.44	46.11 0.19 0.37	47.13 0.19 0.41	51.11 0.10 0.41	58.98 0.36 1.22	65.47 0.60 1.36	63.83 0.52 1.32	49.45 0.25 1.10	41.41 0.04 1.58	37.57 0.12 3.69	34.72 0.27 4.06
OCC_CHEM___DRP 24175	33.90 -0.76 0.00	32.86 -0.27 0.00	30.43 -0.78 0.00	30.03 -0.74 0.00	30.26 -0.59 0.00	31.46 -1.17 0.00	38.66 -2.16 0.00	44.05 -4.02 -0.25	47.83 -4.08 -2.14	47.42 -3.86 -4.18	49.21 -4.24 -4.69	48.10 -4.10 -4.48	44.86 -3.73 -1.92	44.94 -3.64 -1.93	43.64 -4.26 -1.61	45.66 -3.46 -1.77	48.81 -4.37 -1.77	60.33 -4.91 -5.39	67.43 -4.77 -5.97	65.49 -4.98 -5.83	50.82 -4.33 -4.85	40.96 -3.82 -1.84	41.17 -2.84 -2.87	39.51 -1.42 -2.42
OH_GEN_PROXY 24063	33.77 -0.90 0.00	32.70 -0.43 0.00	30.34 -0.87 0.00	30.00 -0.77 0.00	30.11 -0.74 0.00	31.62 -1.01 0.00	39.19 -1.63 0.00	44.47 -3.59 -0.24	48.03 -3.88 -2.15	47.60 -3.67 -4.17	49.49 -3.95 -4.68	48.37 -3.82 -4.46	44.82 -3.78 -1.93	45.00 -3.59 -1.93	44.30 -3.61 -1.62	45.63 -3.50 -1.78	48.65 -4.42 -1.66	60.35 -4.85 -5.35	67.59 -4.57 -5.93	65.64 -4.78 -5.78	50.62 -4.17 -4.50	40.90 -3.69 -1.64	40.53 -3.09 -2.48	39.16 -1.42 -2.08
OLIN_CORP_DRP 24177	33.45 -1.21 0.00	32.40 -0.73 0.00	30.02 -1.19 0.00	29.63 -1.14 0.00	29.86 -0.99 0.00	31.29 -1.34 0.00	38.82 -2.00 0.00	44.26 -3.78 -0.22	47.57 -4.33 -2.13	47.59 -3.67 -4.15	49.38 -4.05 -4.67	48.26 -3.91 -4.45	44.71 -3.87 -1.91	44.79 -3.78 -1.91	43.91 -3.98 -1.60	45.51 -3.60 -1.76	48.23 -4.94 -1.76	59.93 -5.27 -5.35	66.93 -5.23 -5.93	64.93 -5.49 -5.78	50.39 -4.73 -4.82	40.77 -3.99 -1.82	41.09 -2.88 -2.83	39.66 -1.27 -2.42
OLIN_CORP_DSASP 323712	33.90 -0.76 0.00	32.86 -0.27 0.00	30.46 -0.75 0.00	30.18 -0.59 0.00	30.26 -0.59 0.00	31.52 -1.11 0.00	38.66 -2.16 0.00	44.10 -3.97 -0.25	47.93 -3.98 -2.14	47.33 -3.96 -4.18	49.21 -4.24 -4.69	48.10 -4.10 -4.48	44.72 -3.87 -1.92	44.81 -3.78 -1.93	43.55 -4.35 -1.61	45.52 -3.60 -1.77	48.49 -4.58 -1.65	60.15 -5.09 -5.39	67.43 -4.77 -5.97	65.49 -4.98 -5.83	50.45 -4.38 -4.53	40.39 -4.21 -1.65	40.48 -3.17 -2.51	39.15 -1.42 -2.07
ONEIDA_HERK_LFGE 323681	35.19 0.52 0.00	33.66 0.53 0.00	31.87 0.66 0.00	31.29 0.52 0.00	31.43 0.58 0.00	33.32 0.69 0.00	41.84 1.02 0.00	47.52 1.10 1.39	50.91 1.15 0.00	47.96 0.85 0.00	49.49 0.73 0.00	48.68 0.95 0.00	47.56 0.88 0.00	47.45 0.79 0.00	47.13 0.83 0.00	48.39 1.04 0.00	52.59 1.18 0.00	61.34 1.50 0.00	68.15 1.92 0.00	66.57 1.94 0.00	51.76 1.46 0.00	44.05 1.37 0.27	41.54 1.11 0.72	38.64 0.96 0.82
ONEIDA___115KV_TB4 55905	35.29 0.62 0.00	33.76 0.63 0.00	31.83 0.62 0.00	31.32 0.55 0.00	31.43 0.59 0.00	33.32 0.69 0.00	41.80 0.98 0.00	46.15 1.24 2.91	51.06 1.29 0.00	48.15 1.04 0.00	49.78 1.02 0.00	48.78 1.05 0.00	47.70 1.03 0.00	47.59 0.93 0.00	47.27 0.97 0.00	48.49 1.14 0.00	52.64 1.23 0.00	61.46 1.62 0.00	68.22 1.99 0.00	66.64 2.00 0.00	51.81 1.51 0.00	43.62 1.25 0.57	40.71 1.07 1.50	37.75 0.96 1.72
ONONDAGA_REF_OCCRA 23987	34.39 -0.28 0.00	32.86 -0.27 0.00	30.90 -0.31 0.00	30.46 -0.31 0.00	30.57 -0.28 0.00	32.34 -0.29 0.00	40.54 -0.29 0.00	41.61 -0.19 6.02	49.62 -0.15 0.00	46.92 -0.19 0.00	48.61 -0.15 0.00	47.53 -0.19 0.00	46.49 -0.19 0.00	46.47 -0.19 0.00	46.11 -0.19 0.00	47.21 -0.14 0.00	51.25 -0.15 0.00	59.85 0.00 0.00	66.30 0.07 0.00	64.76 0.13 0.00	50.30 0.00 0.00	41.60 -0.17 1.18	37.88 -0.16 3.09	34.87 -0.08 3.56
ONONDAGA___COGEN 23986	34.42 -0.24 0.00	32.90 -0.23 0.00	30.93 -0.28 0.00	30.49 -0.28 0.00	30.60 -0.25 0.00	32.37 -0.26 0.00	40.58 -0.24 0.00	45.03 -0.19 2.60	51.29 -0.10 -1.63	50.17 -0.09 -3.16	52.21 -0.10 -3.55	50.97 -0.14 -3.38	48.04 -0.09 -1.46	47.98 -0.14 -1.46	47.42 -0.09 -1.22	48.60 -0.09 -1.35	52.65 -0.10 -1.35	64.25 0.06 -4.34	71.17 0.13 -4.81	69.46 0.13 -4.69	53.96 0.00 -3.66	43.66 -0.13 -0.84	41.73 -0.12 -0.71	38.61 -0.08 -0.19
ONTARIO___LFGE 23819	34.77 0.10 0.00	33.33 0.20 0.00	31.18 -0.03 0.00	30.80 0.03 0.00	30.94 0.09 0.00	32.76 0.13 0.00	40.90 0.08 0.00	46.76 0.00 1.06	51.69 0.10 -1.82	50.50 -0.14 -3.53	52.58 -0.15 -3.97	51.23 -0.28 -3.79	47.93 -0.38 -1.63	47.97 -0.32 -1.64	47.34 -0.32 -1.37	48.67 -0.19 -1.51	52.89 0.00 -1.48	65.17 0.54 -4.79	72.53 0.99 -5.30	70.78 0.97 -5.17	54.77 0.45 -4.02	44.29 0.09 -1.25	42.83 0.04 -1.65	40.09 0.39 -1.20
ORANGEVILLE_WT_PWR 323706	34.01 -0.66 0.00	32.83 -0.30 0.00	30.55 -0.66 0.00	30.18 -0.59 0.00	30.29 -0.55 0.00	31.91 -0.72 0.00	39.76 -1.06 0.00	44.67 -1.87 1.28	49.19 -2.09 -1.52	47.99 -2.07 -2.95	49.68 -2.39 -3.31	48.45 -2.43 -3.16	45.56 -2.48 -1.36	45.69 -2.33 -1.36	45.07 -2.36 -1.14	46.38 -2.22 -1.25	49.80 -2.78 -1.17	61.02 -2.63 -3.80	68.46 -1.99 -4.21	66.55 -2.20 -4.11	51.38 -2.11 -3.19	41.89 -1.93 -0.87	40.57 -1.56 -1.00	38.82 -0.27 -0.58
ORANGEVILLE___ESR 323794	34.01 -0.66 0.00	32.83 -0.30 0.00	30.55 -0.66 0.00	30.18 -0.59 0.00	30.29 -0.55 0.00	31.91 -0.72 0.00	39.76 -1.06 0.00	44.67 -1.87 1.28	49.19 -2.09 -1.52	47.99 -2.07 -2.95	49.68 -2.39 -3.31	48.45 -2.43 -3.16	45.56 -2.48 -1.36	45.69 -2.33 -1.36	45.07 -2.36 -1.14	46.38 -2.22 -1.25	49.80 -2.78 -1.17	61.02 -2.63 -3.80	68.46 -1.99 -4.21	66.55 -2.20 -4.11	51.38 -2.11 -3.19	41.89 -1.93 -0.87	40.57 -1.56 -1.00	38.82 -0.27 -0.58
OSWEGATCHIE___HYD 24044	35.08 0.42 0.00	33.63 0.50 0.00	31.87 0.66 0.00	31.26 0.49 0.00	31.43 0.58 0.00	33.32 0.69 0.00	41.88 1.06 0.00	48.83 1.10 0.09	51.55 1.05 -0.74	49.29 0.75 -1.43	51.05 0.68 -1.61	50.27 1.00 -1.54	48.18 0.84 -0.66	47.93 0.60 -0.66	47.45 0.60 -0.55	48.86 0.90 -0.61	52.95 0.93 -0.61	62.72 0.90 -1.98	69.68 1.26 -2.19	68.06 1.29 -2.14	53.02 1.06 -1.66	44.83 1.29 -0.59	43.26 1.23 -0.88	40.35 1.12 -0.73
OSWEGO___5 23606	33.90 -0.76 0.00	32.40 -0.73 0.00	30.49 -0.72 0.00	30.06 -0.71 0.00	30.17 -0.68 0.00	31.88 -0.75 0.00	39.92 -0.90 0.00	57.33 -0.96 -10.47	56.33 -0.95 -7.51	60.75 -0.94 -14.58	64.16 -0.97 -16.38	62.40 -0.95 -15.62	52.42 -0.98 -6.73	52.48 -0.93 -6.75	51.01 -0.93 -5.64	52.62 -0.95 -6.22	56.60 -1.03 -6.21	78.83 -1.14 -20.12	87.39 -1.13 -22.29	85.29 -1.10 -21.75	66.25 -0.96 -16.91	50.36 -0.86 -8.27	55.14 -0.82 -14.82	51.94 -0.69 -14.13
OSWEGO___6 23613	33.90 -0.76 0.00	32.40 -0.73 0.00	30.49 -0.72 0.00	30.06 -0.71 0.00	30.17 -0.68 0.00	31.88 -0.75 0.00	39.92 -0.90 0.00	57.33 -0.96 -10.47	56.33 -0.95 -7.51	60.75 -0.94 -14.58	64.16 -0.97 -16.38	62.40 -0.95 -15.62	52.42 -0.98 -6.73	52.48 -0.93 -6.75	51.01 -0.93 -5.64	52.62 -0.95 -6.22	56.60 -1.03 -6.21	78.83 -1.14 -20.12	87.39 -1.13 -22.29	85.29 -1.10 -21.75	66.25 -0.96 -16.91	50.36 -0.86 -8.27	55.14 -0.82 -14.82	51.94 -0.69 -14.13

OUTOKUMPU-AB___DRP 24206	34.15 -0.52 0.00	33.06 -0.07 0.00	30.65 -0.56 0.00	30.24 -0.52 0.00	30.48 -0.37 0.00	31.91 -0.72 0.00	39.56 -1.27 0.00	45.19 -2.77 -0.15	48.89 -2.99 -2.11	48.57 -2.64 -4.10	50.40 -2.97 -4.61	49.26 -2.86 -4.40	45.85 -2.71 -1.89	45.94 -2.61 -1.89	45.01 -2.87 -1.58	46.68 -2.41 -1.74	49.81 -3.34 -1.74	61.54 -3.59 -5.28	68.77 -3.31 -5.85	66.80 -3.55 -5.72	51.84 -3.22 -4.76	41.86 -2.88 -1.79	41.98 -1.93 -2.77	40.27 -0.58 -2.34
OXBOW___BTM 323836	34.08 -0.59 0.00	33.00 -0.13 0.00	30.61 -0.59 0.00	30.31 -0.46 0.00	30.41 -0.43 0.00	31.78 -0.85 0.00	39.15 -1.68 0.00	44.72 -3.30 -0.20	48.51 -3.39 -2.13	48.00 -3.25 -4.14	49.85 -3.56 -4.65	48.73 -3.44 -4.44	45.31 -3.27 -1.90	45.44 -3.13 -1.91	44.33 -3.56 -1.59	46.12 -2.98 -1.76	49.14 -3.91 -1.64	60.87 -4.31 -5.33	68.23 -3.91 -5.91	66.21 -4.20 -5.77	51.06 -3.72 -4.48	41.05 -3.52 -1.62	40.93 -2.67 -2.46	39.60 -0.92 -2.02
OXBOW___ 24026	34.08 -0.59 0.00	33.00 -0.13 0.00	30.58 -0.62 0.00	30.18 -0.58 0.00	30.41 -0.43 0.00	31.72 -0.91 0.00	39.15 -1.67 0.00	44.67 -3.35 -0.20	48.46 -3.43 -2.13	48.05 -3.20 -4.14	49.90 -3.51 -4.65	48.78 -3.39 -4.44	45.45 -3.13 -1.90	45.53 -3.03 -1.91	44.37 -3.52 -1.59	46.26 -2.84 -1.76	49.36 -3.80 -1.76	61.05 -4.13 -5.33	68.23 -3.91 -5.91	66.27 -4.14 -5.77	51.38 -3.72 -4.80	41.45 -3.31 -1.81	41.66 -2.30 -2.82	39.96 -0.92 -2.38
OXY_CHEM_DSASP 323612	33.90 -0.76 0.00	32.86 -0.27 0.00	30.43 -0.78 0.00	30.03 -0.74 0.00	30.26 -0.59 0.00	31.46 -1.17 0.00	38.66 -2.16 0.00	44.05 -4.02 -0.25	47.83 -4.08 -2.14	47.42 -3.86 -4.18	49.21 -4.24 -4.69	48.10 -4.10 -4.48	44.86 -3.73 -1.92	44.94 -3.64 -1.93	43.64 -4.26 -1.61	45.66 -3.46 -1.77	48.81 -4.37 -1.77	60.33 -4.91 -5.39	67.43 -4.77 -5.97	65.49 -4.98 -5.83	50.82 -4.33 -4.85	40.96 -3.82 -1.84	41.17 -2.84 -2.87	39.51 -1.42 -2.42
OZONE_PARK_ESR 323760	36.61 1.94 0.00	34.79 1.66 0.00	32.64 1.44 0.00	32.18 1.42 0.00	32.14 1.30 0.00	34.30 1.66 0.00	42.62 1.80 0.00	48.79 2.25 1.27	51.96 2.19 0.00	49.46 2.36 0.00	51.39 2.63 0.00	50.26 2.53 0.00	49.24 2.57 0.00	49.32 2.66 0.00	48.93 2.64 0.00	49.76 2.41 0.00	54.19 2.78 0.00	63.08 3.23 0.00	69.74 3.51 0.00	67.93 3.30 0.00	52.91 2.62 0.00	44.93 2.23 0.25	42.38 1.89 0.65	39.22 1.46 0.75
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	33.90 -0.76 0.00	32.86 -0.27 0.00	30.43 -0.78 0.00	30.03 -0.74 0.00	30.26 -0.59 0.00	31.46 -1.17 0.00	38.66 -2.16 0.00	44.05 -4.02 -0.25	47.83 -4.08 -2.14	47.42 -3.86 -4.18	49.21 -4.24 -4.69	48.10 -4.10 -4.48	44.86 -3.73 -1.92	44.94 -3.64 -1.93	43.64 -4.26 -1.61	45.66 -3.46 -1.77	48.81 -4.37 -1.77	60.33 -4.91 -5.39	67.43 -4.77 -5.97	65.49 -4.98 -5.83	50.82 -4.33 -4.85	40.96 -3.82 -1.84	41.17 -2.84 -2.87	39.51 -1.42 -2.42
PACKARD__115KV_DUPONT_184 80571	33.90 -0.76 0.00	32.86 -0.27 0.00	30.43 -0.78 0.00	30.03 -0.74 0.00	30.26 -0.59 0.00	31.46 -1.17 0.00	38.66 -2.16 0.00	44.05 -4.02 -0.25	47.83 -4.08 -2.14	47.42 -3.86 -4.18	49.21 -4.24 -4.69	48.10 -4.10 -4.48	44.86 -3.73 -1.92	44.94 -3.64 -1.93	43.64 -4.26 -1.61	45.66 -3.46 -1.77	48.81 -4.37 -1.77	60.33 -4.91 -5.39	67.43 -4.77 -5.97	65.49 -4.98 -5.83	50.82 -4.33 -4.85	40.96 -3.82 -1.84	41.17 -2.84 -2.87	39.51 -1.42 -2.42
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	36.62 1.94 -0.01	34.79 1.66 -0.01	32.71 1.50 -0.01	32.31 1.54 -0.01	32.27 1.42 -0.01	34.26 1.63 0.00	42.01 1.18 0.00	47.98 1.43 1.27	51.06 1.29 0.00	48.62 1.51 0.00	50.51 1.76 0.00	49.44 1.72 0.00	48.50 1.82 0.00	48.57 1.91 0.00	48.19 1.90 0.00	49.01 1.66 0.00	53.21 1.80 0.00	61.81 1.97 0.01	68.41 2.19 0.01	66.63 2.00 0.01	51.90 1.61 0.01	44.25 1.55 0.25	41.93 1.44 0.65	39.10 1.35 0.75
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	37.00 2.32 -0.01	35.16 2.02 -0.01	33.09 1.87 -0.01	32.65 1.88 -0.01	32.58 1.73 -0.01	34.59 1.96 0.00	42.46 1.63 0.00	48.46 1.91 1.27	51.56 1.79 0.00	49.09 1.98 0.00	51.00 2.24 0.00	49.87 2.15 0.00	48.92 2.24 0.00	48.99 2.33 0.00	48.61 2.31 0.00	49.43 2.08 0.00	53.67 2.26 0.00	62.41 2.57 0.01	69.00 2.78 0.01	67.21 2.59 0.01	52.40 2.11 0.01	44.68 1.98 0.25	42.30 1.81 0.65	39.49 1.73 0.75
PATROON__115KV_TB1 80586	35.08 0.42 0.00	33.53 0.40 0.00	31.61 0.41 0.00	31.20 0.43 0.00	31.25 0.40 0.00	33.06 0.42 0.00	41.31 0.49 0.00	47.40 0.48 0.90	50.31 0.55 0.00	47.53 0.42 0.00	49.10 0.34 0.00	47.96 0.24 0.00	46.95 0.28 0.00	46.98 0.33 0.00	46.67 0.37 0.00	47.59 0.24 0.00	51.72 0.31 0.00	60.09 0.24 0.00	66.43 0.20 0.00	64.83 0.19 0.00	50.50 0.20 0.00	42.95 0.17 0.18	40.72 0.04 0.46	37.86 -0.12 0.53
PATTRSNVILLE___SOLAR 323815	35.60 0.94 0.00	33.96 0.83 0.00	32.02 0.81 0.00	31.56 0.80 0.00	31.65 0.80 0.00	33.51 0.88 0.00	41.96 1.14 0.00	48.17 1.34 0.99	50.91 1.15 0.00	47.96 0.85 0.00	49.49 0.73 0.00	48.39 0.67 0.00	47.42 0.74 0.00	47.45 0.79 0.00	47.17 0.88 0.00	48.35 1.00 0.00	52.59 1.18 0.00	61.40 1.55 0.00	68.08 1.85 0.00	66.38 1.75 0.00	51.60 1.31 0.00	43.96 1.20 0.19	41.62 0.99 0.50	38.66 0.73 0.58
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	33.80 -0.87 0.00	32.63 -0.50 0.00	30.24 -0.97 0.00	29.87 -0.89 0.00	30.11 -0.74 0.00	31.72 -0.91 0.00	39.64 -1.18 0.00	46.61 -0.86 0.34	50.69 -1.00 -1.92	50.04 -0.80 -3.73	51.93 -1.02 -4.20	50.77 -0.95 -4.00	47.41 -0.98 -1.71	47.49 -0.89 -1.72	46.99 -0.74 -1.43	48.27 -0.66 -1.58	51.71 -1.29 -1.58	63.40 -1.14 -4.69	70.83 -0.60 -5.19	68.88 -0.84 -5.09	53.47 -1.16 -4.33	43.28 -1.20 -1.54	42.98 -0.45 -2.29	40.98 0.62 -1.86
PAWLING_115_KV_BK3_REV_LBMP_H 345028	36.40 1.73 0.00	34.65 1.52 0.00	32.52 1.31 0.00	32.06 1.29 0.00	32.05 1.20 0.00	34.03 1.40 0.00	42.41 1.59 0.00	48.59 2.01 1.24	51.76 1.99 0.00	49.28 2.17 0.00	51.15 2.39 0.00	50.11 2.39 0.00	49.01 2.33 0.00	49.08 2.43 0.00	48.70 2.41 0.00	49.58 2.23 0.00	53.93 2.52 0.00	62.78 2.93 0.00	69.34 3.11 0.00	67.48 2.84 0.00	52.66 2.36 0.00	44.68 1.98 0.24	42.07 1.56 0.64	38.93 1.16 0.73
PEEKSKILL___ 23653	36.16 1.49 0.00	34.39 1.26 0.00	32.24 1.03 0.00	31.81 1.05 0.00	31.80 0.96 0.00	33.87 1.24 0.00	42.13 1.31 0.00	48.08 1.58 1.31	51.36 1.59 0.00	48.76 1.65 0.00	50.61 1.85 0.00	49.54 1.81 0.00	48.49 1.82 0.00	48.57 1.91 0.00	48.19 1.90 0.00	49.01 1.66 0.00	53.36 1.95 0.00	62.12 2.27 0.00	68.68 2.45 0.00	66.83 2.20 0.00	52.10 1.81 0.00	44.33 1.63 0.25	41.87 1.40 0.67	38.66 0.92 0.77
PGE MADISON___WINDPWR 24146	36.30 1.63 0.00	34.72 1.59 0.00	32.64 1.44 0.00	32.00 1.23 0.00	32.23 1.39 0.00	34.23 1.60 0.00	43.15 2.33 0.00	45.59 2.87 5.09	52.70 2.94 0.00	49.47 2.36 0.00	50.95 2.19 0.00	49.97 2.24 0.00	48.82 2.15 0.00	48.71 2.05 0.00	48.47 2.18 0.00	50.05 2.70 0.00	54.39 2.98 0.00	63.92 4.07 0.00	71.33 5.10 0.00	69.68 5.04 0.00	53.97 3.67 0.00	45.00 3.05 1.00	41.11 2.59 2.62	37.92 2.43 3.01

PIERCEFIELD___HYD 23852	35.15 0.49 0.00	33.76 0.63 0.00	31.86 0.66 0.00	31.26 0.49 0.00	31.43 0.59 0.00	33.28 0.65 0.00	41.84 1.02 0.00	49.28 1.00 -0.46	51.11 0.95 -0.40	48.69 0.80 -0.78	50.37 0.73 -0.88	49.57 1.00 -0.84	47.83 0.79 -0.36	47.72 0.70 -0.36	47.15 0.56 -0.30	48.49 0.80 -0.33	52.46 0.72 -0.33	61.22 0.30 -1.08	67.76 0.33 -1.19	66.25 0.45 -1.17	51.66 0.45 -0.91	44.32 0.94 -0.42	42.99 1.11 -0.74	40.28 1.08 -0.70
PINELAWN_CC_1 323563	35.98 1.32 0.00	34.02 0.89 0.00	31.55 0.34 0.00	31.17 0.40 0.00	31.06 0.22 0.00	33.38 0.75 0.00	41.02 0.21 0.01	46.51 0.10 1.40	49.95 0.20 0.01	47.52 0.42 0.01	49.59 0.83 0.00	48.49 0.76 0.00	47.70 1.03 0.00	47.87 1.21 0.00	47.45 1.16 0.00	48.15 0.80 0.00	52.64 1.23 0.00	60.98 1.13 0.00	67.09 0.86 0.00	65.35 0.71 0.00	51.35 1.06 0.00	44.12 1.42 0.25	41.90 1.40 0.64	38.92 1.15 0.74
PJM_GEN_HTP_PROXY 323702	36.33 1.66 0.00	34.52 1.39 0.00	32.36 1.16 0.00	31.94 1.17 0.00	31.90 1.05 0.00	34.03 1.40 0.00	42.29 1.47 0.00	48.32 1.77 1.27	51.51 1.74 0.00	48.94 1.84 0.00	50.81 2.05 0.00	49.73 2.00 0.00	48.73 2.05 0.00	48.81 2.15 0.00	48.43 2.13 0.00	49.25 1.90 0.00	53.57 2.16 0.00	62.36 2.51 0.00	68.95 2.72 0.00	67.09 2.46 0.00	52.31 2.01 0.00	44.55 1.85 0.25	42.10 1.60 0.65	38.88 1.12 0.74
PJM_GEN_KEystone 24065	34.94 0.28 0.00	33.43 0.30 0.00	31.24 0.03 0.00	30.83 0.06 0.00	30.88 0.03 0.00	32.76 0.13 0.00	40.86 0.04 0.00	46.19 -0.14 1.48	50.13 -0.20 -0.56	47.97 -0.23 -1.10	49.79 -0.19 -1.23	48.71 -0.19 -1.17	46.90 -0.28 -0.50	47.02 -0.14 -0.51	46.58 -0.14 -0.42	47.53 -0.28 -0.47	51.45 -0.31 -0.35	60.85 -0.12 -1.12	67.61 0.13 -1.24	65.85 0.00 -1.21	51.04 -0.20 -0.94	42.73 -0.21 0.01	40.54 -0.20 0.40	37.96 0.08 0.62
PJM_GEN_NEPTUNE_PROXY 323594	35.78 1.11 0.00	33.83 0.70 0.00	31.68 0.47 0.00	31.29 0.52 0.00	31.19 0.34 0.00	33.48 0.85 0.00	41.22 0.41 0.01	46.87 0.48 1.43	50.25 0.50 0.02	47.76 0.66 0.01	49.78 1.03 0.00	48.68 0.95 0.00	47.84 1.17 0.00	48.01 1.35 0.00	47.55 1.25 0.00	48.30 0.95 0.00	52.74 1.33 0.00	61.28 1.43 0.00	67.49 1.26 0.00	65.73 1.10 0.00	51.35 1.06 0.00	43.73 1.03 0.25	41.52 1.03 0.64	38.57 0.81 0.74
PJM_GEN_VFT_PROXY 323633	36.16 1.49 0.00	34.36 1.23 0.00	32.21 1.00 0.00	31.78 1.01 0.00	31.74 0.90 0.00	33.86 1.24 0.01	42.08 1.27 0.01	47.98 1.43 1.27	51.21 1.44 0.00	48.66 1.55 0.00	50.56 1.81 0.00	49.44 1.72 0.00	48.48 1.82 0.02	48.52 1.87 0.01	48.15 1.85 0.00	48.95 1.61 0.01	53.26 1.85 0.00	62.00 2.15 0.00	68.48 2.25 0.00	66.70 2.07 0.00	52.01 1.71 0.00	44.33 1.63 0.25	41.89 1.40 0.65	38.68 0.92 0.75
PLATSBURG_115KV_PMLD1 355749	35.05 0.38 0.00	33.73 0.60 0.00	31.83 0.62 0.00	31.35 0.58 0.00	31.56 0.71 0.00	33.38 0.75 0.00	41.43 0.61 0.00	47.19 -0.62 0.00	48.82 -0.95 0.00	46.31 -0.80 0.00	47.98 -0.78 0.00	47.11 -0.62 0.00	45.93 -0.75 0.00	45.82 -0.84 0.00	45.32 -0.97 0.00	46.45 -0.90 0.00	50.48 -0.93 0.00	58.65 -1.20 0.00	64.64 -1.59 0.00	63.08 -1.55 0.00	49.24 -1.06 0.00	42.52 -0.43 0.00	41.72 0.58 0.00	39.85 1.35 0.00
PLEASANTVLY___LBMP 24000	35.95 1.28 0.00	34.19 1.06 0.00	32.15 0.94 0.00	31.72 0.95 0.00	31.71 0.86 0.00	33.71 1.08 0.00	41.92 1.10 0.00	47.99 1.34 1.17	51.11 1.34 0.00	48.52 1.41 0.00	50.32 1.56 0.00	49.25 1.53 0.00	48.26 1.59 0.00	48.29 1.63 0.00	47.92 1.62 0.00	48.77 1.42 0.00	53.05 1.65 0.00	61.70 1.86 0.00	68.22 1.99 0.00	66.51 1.87 0.00	51.86 1.56 0.00	44.05 1.33 0.23	41.61 1.07 0.60	38.55 0.73 0.69
PLSNTVLE_13_KV_13.8KVDIST 80602	36.23 1.56 0.00	34.42 1.29 0.00	32.33 1.12 0.00	31.90 1.14 0.00	31.86 1.02 0.00	33.94 1.31 0.00	42.17 1.35 0.00	48.25 1.67 1.24	51.46 1.69 0.00	48.99 1.88 0.00	50.85 2.10 0.00	49.78 2.05 0.00	48.78 2.10 0.00	48.80 2.15 0.00	48.38 2.08 0.00	49.24 1.89 0.00	53.57 2.16 0.00	62.30 2.45 0.00	68.88 2.65 0.00	67.09 2.46 0.00	52.31 2.01 0.00	44.42 1.72 0.24	41.90 1.40 0.64	38.81 1.04 0.73
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	36.23 1.56 0.00	34.42 1.29 0.00	32.33 1.12 0.00	31.90 1.14 0.00	31.86 1.02 0.00	33.94 1.31 0.00	42.17 1.35 0.00	48.25 1.67 1.24	51.46 1.69 0.00	48.99 1.88 0.00	50.85 2.10 0.00	49.78 2.05 0.00	48.78 2.10 0.00	48.80 2.15 0.00	48.38 2.08 0.00	49.24 1.89 0.00	53.57 2.16 0.00	62.30 2.45 0.00	68.88 2.65 0.00	67.09 2.46 0.00	52.31 2.01 0.00	44.42 1.72 0.24	41.90 1.40 0.64	38.81 1.04 0.73
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	36.16 1.49 0.00	34.39 1.26 0.00	32.30 1.09 0.00	31.87 1.11 0.00	31.86 1.02 0.00	33.87 1.24 0.00	42.17 1.35 0.00	48.27 1.67 1.22	51.46 1.69 0.00	48.85 1.74 0.00	50.66 1.90 0.00	49.54 1.81 0.00	48.54 1.87 0.00	48.62 1.96 0.00	48.24 1.94 0.00	49.10 1.75 0.00	53.47 2.06 0.00	62.24 2.39 0.00	68.88 2.65 0.00	67.09 2.46 0.00	52.26 1.96 0.00	44.39 1.68 0.24	41.87 1.36 0.63	38.75 0.96 0.72
POLETTI_____ 23519	24.42 1.46 11.71	22.62 1.19 11.70	22.46 1.09 9.84	22.46 1.11 9.41	22.43 0.99 9.40	22.46 1.21 11.37	24.08 0.69 17.43	25.27 0.86 23.41	28.40 0.75 22.11	26.25 0.99 21.85	28.83 1.27 21.20	27.75 1.24 21.22	26.70 1.35 21.33	26.78 1.45 21.33	26.35 1.44 21.38	27.27 1.18 21.27	31.28 1.34 21.47	41.15 1.44 20.13	47.72 1.52 20.04	45.87 1.36 20.13	29.96 1.16 21.50	25.07 1.07 18.95	26.06 0.95 16.03	27.04 0.89 12.35
POMONA___ESR 323819	36.19 1.52 0.00	34.39 1.26 0.00	32.27 1.06 0.00	31.81 1.05 0.00	31.80 0.96 0.00	33.90 1.27 0.00	42.21 1.39 0.00	48.12 1.67 1.37	51.51 1.74 0.00	48.80 1.69 0.00	50.71 1.95 0.00	49.64 1.91 0.00	48.59 1.91 0.00	48.62 1.96 0.00	48.24 1.94 0.00	49.10 1.75 0.00	53.47 2.06 0.00	62.24 2.40 0.00	68.81 2.58 0.00	67.03 2.39 0.00	52.21 1.91 0.00	44.40 1.72 0.27	41.88 1.44 0.70	38.67 0.96 0.80
PORT_JEFF_3 23555	35.91 1.25 0.00	33.89 0.76 0.00	31.71 0.50 0.00	31.32 0.55 0.00	31.22 0.37 0.00	33.61 0.98 0.00	41.14 0.33 0.01	46.69 0.29 1.42	50.15 0.40 0.02	47.71 0.61 0.01	49.88 1.12 0.00	48.77 1.05 0.00	48.03 1.35 0.00	48.20 1.54 0.00	47.78 1.48 0.00	48.48 1.13 0.00	53.00 1.60 0.00	61.40 1.55 0.00	67.49 1.26 0.00	65.73 1.10 0.00	51.55 1.26 0.00	43.91 1.20 0.25	41.73 1.23 0.64	38.88 1.12 0.74
PORT_JEFF_4 23616	35.91 1.25 0.00	33.89 0.76 0.00	31.71 0.50 0.00	31.32 0.55 0.00	31.22 0.37 0.00	33.61 0.98 0.00	41.14 0.33 0.01	46.69 0.29 1.42	50.15 0.40 0.02	47.71 0.61 0.01	49.88 1.12 0.00	48.77 1.05 0.00	48.03 1.35 0.00	48.20 1.54 0.00	47.78 1.48 0.00	48.48 1.13 0.00	53.00 1.60 0.00	61.40 1.55 0.00	67.49 1.26 0.00	65.73 1.10 0.00	51.55 1.26 0.00	43.91 1.20 0.25	41.73 1.23 0.64	38.88 1.12 0.74

PORT_JEFF_IC 23713	35.88 1.21 0.00	33.96 0.83 0.00	31.86 0.66 0.00	31.47 0.71 0.00	31.25 0.40 0.00	33.71 1.08 0.00	41.22 0.41 0.01	46.88 0.48 1.42	50.25 0.50 0.01	47.95 0.85 0.01	50.27 1.51 0.00	49.06 1.34 0.00	48.36 1.68 0.00	48.57 1.91 0.00	48.15 1.85 0.00	48.86 1.52 0.00	53.47 2.06 0.00	61.70 1.86 0.00	67.95 1.72 0.00	66.12 1.49 0.00	51.96 1.66 0.00	43.99 1.29 0.25	41.27 0.78 0.65	38.95 1.19 0.75
PPL PILGRIM_ST_GT1 24216	36.09 1.42 0.00	34.09 0.96 0.00	31.89 0.69 0.00	31.50 0.74 0.00	31.40 0.56 0.00	33.80 1.17 0.00	41.51 0.69 0.01	46.64 0.24 1.41	50.60 0.85 0.01	48.09 0.99 0.01	50.27 1.51 0.00	49.11 1.38 0.00	48.35 1.68 0.00	48.53 1.87 0.00	48.10 1.80 0.00	48.82 1.47 0.00	53.16 1.75 0.00	61.82 1.97 0.00	67.95 1.72 0.00	66.18 1.55 0.00	51.91 1.61 0.00	44.21 1.50 0.25	42.06 1.56 0.64	39.07 1.31 0.74
PPL PILGRIM_ST_GT2 24217	36.09 1.42 0.00	34.09 0.96 0.00	31.89 0.69 0.00	31.50 0.74 0.00	31.40 0.56 0.00	33.80 1.17 0.00	41.51 0.69 0.01	46.64 0.24 1.41	50.60 0.85 0.01	48.09 0.99 0.01	50.27 1.51 0.00	49.11 1.38 0.00	48.35 1.68 0.00	48.53 1.87 0.00	48.10 1.80 0.00	48.82 1.47 0.00	53.16 1.75 0.00	61.82 1.97 0.00	67.95 1.72 0.00	66.18 1.55 0.00	51.91 1.61 0.00	44.21 1.50 0.25	42.06 1.56 0.64	39.07 1.31 0.74
PPL_SHRM_GT3 24213	35.57 0.90 0.00	33.56 0.43 0.00	31.37 0.16 0.00	31.01 0.24 0.00	30.88 0.03 0.00	33.25 0.62 0.00	40.69 -0.12 0.01	46.21 -0.19 1.42	49.65 -0.10 0.01	47.29 0.19 0.01	49.44 0.68 0.00	48.30 0.57 0.00	47.56 0.88 0.00	47.78 1.12 0.00	47.31 1.02 0.00	48.06 0.71 0.00	52.59 1.18 0.00	61.11 1.26 0.00	67.16 0.93 0.00	65.41 0.78 0.00	51.15 0.85 0.00	43.56 0.86 0.25	41.36 0.87 0.64	38.53 0.77 0.74
PPL_SHRM_GT4 24214	35.57 0.90 0.00	33.56 0.43 0.00	31.37 0.16 0.00	31.01 0.24 0.00	30.88 0.03 0.00	33.25 0.62 0.00	40.69 -0.12 0.01	46.21 -0.19 1.42	49.65 -0.10 0.01	47.29 0.19 0.01	49.44 0.68 0.00	48.30 0.57 0.00	47.56 0.88 0.00	47.78 1.12 0.00	47.31 1.02 0.00	48.06 0.71 0.00	52.59 1.18 0.00	61.11 1.26 0.00	67.16 0.93 0.00	65.41 0.78 0.00	51.15 0.85 0.00	43.56 0.86 0.25	41.36 0.87 0.64	38.53 0.77 0.74
PROJECT___ORANGE 1 24174	34.29 -0.38 0.00	32.76 -0.36 0.00	30.80 -0.41 0.00	30.37 -0.40 0.00	30.48 -0.37 0.00	32.24 -0.39 0.00	40.37 -0.45 0.00	42.51 -0.38 4.93	50.05 -0.30 -0.58	47.91 -0.33 -1.13	49.74 -0.29 -1.27	48.61 -0.33 -1.21	46.92 -0.28 -0.52	46.86 -0.33 -0.53	46.46 -0.28 -0.44	47.55 -0.28 -0.48	51.58 -0.31 -0.48	61.16 -0.24 -1.55	67.75 -0.20 -1.72	66.12 -0.19 -1.68	51.36 -0.25 -1.31	42.12 -0.34 0.48	39.06 -0.29 1.80	36.02 -0.19 2.29
PROJECT___ORANGE 2 24166	34.29 -0.38 0.00	32.76 -0.36 0.00	30.80 -0.41 0.00	30.37 -0.40 0.00	30.48 -0.37 0.00	32.24 -0.39 0.00	40.37 -0.45 0.00	42.51 -0.38 4.93	50.05 -0.30 -0.58	47.91 -0.33 -1.13	49.74 -0.29 -1.27	48.61 -0.33 -1.21	46.92 -0.28 -0.52	46.86 -0.33 -0.53	46.46 -0.28 -0.44	47.55 -0.28 -0.48	51.58 -0.31 -0.48	61.16 -0.24 -1.55	67.75 -0.20 -1.72	66.12 -0.19 -1.68	51.36 -0.25 -1.31	42.12 -0.34 0.48	39.06 -0.29 1.80	36.02 -0.19 2.29
PUCKETT___SOLAR 323809	35.22 0.55 0.00	33.69 0.56 0.00	31.65 0.44 0.00	31.17 0.40 0.00	31.28 0.43 0.00	33.12 0.49 0.00	41.56 0.74 0.00	42.89 0.96 5.88	50.18 0.94 0.52	46.80 0.71 1.02	48.30 0.68 1.14	47.25 0.62 1.09	46.77 0.56 0.47	46.75 0.56 0.47	46.46 0.56 0.39	47.58 0.66 0.43	51.72 0.72 0.41	59.67 1.13 1.31	66.37 1.59 1.45	64.77 1.55 1.42	50.25 1.06 1.10	42.18 0.77 1.54	38.20 0.66 3.60	35.33 0.77 3.95
PYRITES___HYD 24023	35.57 0.90 0.00	34.16 1.03 0.00	32.27 1.06 0.00	31.60 0.83 0.00	31.80 0.96 0.00	33.68 1.04 0.00	42.37 1.55 0.00	49.49 1.67 0.00	51.21 1.44 0.00	48.24 1.13 0.00	49.83 1.07 0.00	49.01 1.29 0.00	47.80 1.12 0.00	47.64 0.98 0.00	47.18 0.88 0.00	48.49 1.14 0.00	52.64 1.23 0.00	61.04 1.20 0.00	67.75 1.52 0.00	66.25 1.62 0.00	51.65 1.36 0.00	44.54 1.59 0.00	42.74 1.60 0.00	40.01 1.50 0.00
QUAKERRD_115KV_BK1 80622	33.63 -1.04 0.00	32.30 -0.83 0.00	30.24 -0.97 0.00	29.84 -0.92 0.00	29.95 -0.89 0.00	31.62 -1.01 0.00	39.48 -1.35 0.00	46.85 -2.39 -1.42	50.05 -2.39 -2.68	50.04 -2.26 -5.19	52.50 -2.10 -5.83	51.14 -2.15 -5.57	46.93 -2.15 -2.40	46.96 -2.10 -2.41	46.27 -2.04 -2.01	47.58 -1.99 -2.21	51.26 -2.36 -2.21	64.42 -2.45 -7.03	71.50 -2.52 -7.78	69.77 -2.46 -7.60	54.11 -2.21 -6.02	43.38 -2.06 -2.50	43.47 -1.77 -4.10	40.84 -1.35 -3.68
QUENSBRY_115KV_TB8 356137	35.74 1.07 0.00	34.06 0.93 0.00	32.15 0.94 0.00	31.69 0.92 0.00	31.74 0.89 0.00	33.61 0.98 0.00	42.09 1.27 0.00	48.52 1.58 0.87	51.31 1.54 0.00	48.57 1.46 0.00	50.27 1.51 0.00	49.11 1.38 0.00	47.89 1.21 0.00	47.96 1.31 0.00	47.59 1.30 0.00	48.77 1.42 0.00	53.00 1.59 0.00	61.70 1.86 0.00	68.55 2.32 0.00	66.77 2.13 0.00	51.86 1.56 0.00	44.02 1.25 0.17	41.72 1.03 0.45	38.72 0.73 0.52
RAMAPO___LBMP 323565	36.09 1.42 0.00	34.29 1.16 0.00	32.18 0.97 0.00	31.75 0.98 0.00	31.74 0.89 0.00	33.81 1.17 0.00	42.09 1.27 0.00	48.05 1.63 1.39	51.41 1.64 0.00	48.80 1.70 0.00	50.66 1.90 0.00	49.59 1.86 0.00	48.50 1.82 0.00	48.57 1.91 0.00	48.19 1.90 0.00	49.05 1.70 0.00	53.41 2.00 0.00	62.18 2.33 0.00	68.75 2.52 0.00	67.03 2.39 0.00	52.16 1.86 0.00	44.27 1.59 0.27	41.66 1.23 0.72	38.53 0.85 0.82
RANKINE____ 23646	34.08 -0.59 0.00	32.93 -0.20 0.00	30.55 -0.66 0.00	30.15 -0.62 0.00	30.38 -0.46 0.00	31.95 -0.69 0.00	39.84 -0.98 0.00	45.64 -1.96 0.22	49.53 -2.19 -1.96	49.05 -1.88 -3.82	50.86 -2.19 -4.30	49.72 -2.10 -4.10	46.37 -2.05 -1.75	46.46 -1.96 -1.76	45.91 -1.85 -1.47	47.17 -1.80 -1.62	50.51 -2.52 -1.62	62.12 -2.57 -4.85	69.42 -2.19 -5.37	67.49 -2.39 -5.25	52.37 -2.36 -4.44	42.35 -2.19 -1.59	42.19 -1.36 -2.41	40.28 -0.19 -1.96
RAVENSWOOD_GT2_1 24244	36.40 1.73 0.00	34.59 1.46 0.00	32.46 1.25 0.00	32.03 1.26 0.00	31.96 1.11 0.00	34.10 1.47 0.00	42.29 1.47 0.00	48.36 1.82 1.27	51.56 1.79 0.00	49.04 1.93 0.00	50.95 2.19 0.00	49.87 2.15 0.00	48.87 2.19 0.00	48.90 2.24 0.00	48.52 2.22 0.00	49.34 1.99 0.00	53.67 2.26 0.00	62.48 2.63 0.00	69.08 2.85 0.00	67.28 2.65 0.00	52.41 2.11 0.00	44.55 1.85 0.25	42.01 1.52 0.65	38.95 1.19 0.75
RAVENSWOOD_GT2_2 24245	36.40 1.73 0.00	34.59 1.46 0.00	32.46 1.25 0.00	32.03 1.26 0.00	31.96 1.11 0.00	34.10 1.47 0.00	42.29 1.47 0.00	48.36 1.82 1.27	51.56 1.79 0.00	49.04 1.93 0.00	50.95 2.19 0.00	49.87 2.15 0.00	48.87 2.19 0.00	48.90 2.24 0.00	48.52 2.22 0.00	49.34 1.99 0.00	53.67 2.26 0.00	62.48 2.63 0.00	69.08 2.85 0.00	67.28 2.65 0.00	52.41 2.11 0.00	44.55 1.85 0.25	42.01 1.52 0.65	38.95 1.19 0.75



RAVENSWOOD_GT2_3 24246	36.40 1.73 0.00	34.62 1.49 0.00	32.46 1.25 0.00	32.03 1.26 0.00	31.99 1.14 0.00	34.10 1.47 0.00	42.33 1.51 0.00	48.41 1.86 1.27	51.56 1.79 0.00	49.09 1.98 0.00	50.95 2.19 0.00	49.87 2.15 0.00	48.87 2.19 0.00	48.94 2.29 0.00	48.56 2.27 0.00	49.39 2.04 0.00	53.72 2.31 0.00	62.48 2.63 0.00	69.15 2.91 0.00	67.28 2.65 0.00	52.46 2.16 0.00	44.59 1.89 0.25	42.05 1.56 0.65	38.95 1.19 0.75
RAVENSWOOD_GT2_4 24247	36.40 1.73 0.00	34.62 1.49 0.00	32.46 1.25 0.00	32.03 1.26 0.00	31.99 1.14 0.00	34.10 1.47 0.00	42.33 1.51 0.00	48.41 1.86 1.27	51.56 1.79 0.00	49.09 1.98 0.00	50.95 2.19 0.00	49.87 2.15 0.00	48.87 2.19 0.00	48.94 2.29 0.00	48.56 2.27 0.00	49.39 2.04 0.00	53.72 2.31 0.00	62.48 2.63 0.00	69.15 2.91 0.00	67.28 2.65 0.00	52.46 2.16 0.00	44.59 1.89 0.25	42.05 1.56 0.65	38.95 1.19 0.75
RAVENSWOOD_GT3_1 24248	36.40 1.73 0.00	34.59 1.46 0.00	32.46 1.25 0.00	32.03 1.26 0.00	31.96 1.11 0.00	34.10 1.47 0.00	42.29 1.47 0.00	48.36 1.82 1.27	51.56 1.79 0.00	49.04 1.93 0.00	50.95 2.19 0.00	49.87 2.15 0.00	48.87 2.19 0.00	48.94 2.29 0.00	48.52 2.22 0.00	49.39 2.04 0.00	53.72 2.31 0.00	62.48 2.63 0.00	69.08 2.85 0.00	67.28 2.65 0.00	52.41 2.11 0.00	44.55 1.85 0.25	42.01 1.52 0.65	38.95 1.19 0.75
RAVENSWOOD_GT3_2 24249	36.40 1.73 0.00	34.59 1.46 0.00	32.46 1.25 0.00	32.03 1.26 0.00	31.96 1.11 0.00	34.10 1.47 0.00	42.29 1.47 0.00	48.36 1.82 1.27	51.56 1.79 0.00	49.04 1.93 0.00	50.95 2.19 0.00	49.87 2.15 0.00	48.87 2.19 0.00	48.94 2.29 0.00	48.52 2.22 0.00	49.39 2.04 0.00	53.72 2.31 0.00	62.48 2.63 0.00	69.08 2.85 0.00	67.28 2.65 0.00	52.41 2.11 0.00	44.55 1.85 0.25	42.01 1.52 0.65	38.95 1.19 0.75
RAVENSWOOD_GT3_3 24250	36.43 1.77 0.00	34.62 1.49 0.00	32.49 1.28 0.00	32.06 1.29 0.00	31.99 1.14 0.00	34.13 1.50 0.00	42.37 1.55 0.00	48.46 1.91 1.27	51.61 1.84 0.00	49.13 2.03 0.00	51.00 2.24 0.00	49.92 2.20 0.00	48.92 2.24 0.00	48.99 2.33 0.00	48.61 2.31 0.00	49.43 2.08 0.00	53.77 2.36 0.00	62.54 2.69 0.00	69.21 2.98 0.00	67.35 2.71 0.00	52.51 2.21 0.00	44.63 1.93 0.25	42.09 1.60 0.65	38.99 1.23 0.75
RAVENSWOOD_GT3_4 24251	36.43 1.77 0.00	34.62 1.49 0.00	32.49 1.28 0.00	32.06 1.29 0.00	31.99 1.14 0.00	34.13 1.50 0.00	42.37 1.55 0.00	48.46 1.91 1.27	51.61 1.84 0.00	49.13 2.03 0.00	51.00 2.24 0.00	49.92 2.20 0.00	48.92 2.24 0.00	48.99 2.33 0.00	48.61 2.31 0.00	49.43 2.08 0.00	53.77 2.36 0.00	62.54 2.69 0.00	69.21 2.98 0.00	67.35 2.71 0.00	52.51 2.21 0.00	44.63 1.93 0.25	42.09 1.60 0.65	38.99 1.23 0.75
RAVENSWOOD_GT_1 23729	36.58 1.91 -0.01	34.76 1.62 -0.01	32.62 1.40 -0.01	32.19 1.42 -0.01	32.12 1.26 -0.01	34.23 1.60 0.00	42.21 1.39 0.00	48.27 1.72 1.27	51.36 1.59 0.00	48.90 1.79 0.00	50.81 2.05 0.00	49.68 1.96 0.00	48.78 2.10 0.00	48.80 2.15 0.00	48.47 2.18 0.00	49.24 1.89 0.00	53.52 2.11 0.00	62.23 2.39 0.01	68.81 2.58 0.01	67.02 2.39 0.01	52.20 1.91 0.01	44.46 1.76 0.25	42.01 1.52 0.65	39.02 1.27 0.75
RAVENSWOOD_GT_10 24258	36.40 1.73 0.00	34.59 1.46 0.00	32.46 1.25 0.00	32.03 1.26 0.00	31.96 1.11 0.00	34.10 1.47 0.00	42.29 1.47 0.00	48.41 1.86 1.27	51.56 1.79 0.00	49.04 1.93 0.00	50.95 2.19 0.00	49.87 2.15 0.00	48.87 2.19 0.00	48.94 2.29 0.00	48.56 2.27 0.00	49.39 2.04 0.00	53.72 2.31 0.00	62.48 2.63 0.00	69.08 2.85 0.00	67.29 2.65 0.00	52.46 2.16 0.00	44.59 1.89 0.25	42.01 1.52 0.65	38.95 1.19 0.75
RAVENSWOOD_GT_11 24259	36.40 1.73 0.00	34.59 1.46 0.00	32.46 1.25 0.00	32.03 1.26 0.00	31.96 1.11 0.00	34.10 1.47 0.00	42.29 1.47 0.00	48.41 1.86 1.27	51.56 1.79 0.00	49.04 1.93 0.00	50.95 2.19 0.00	49.87 2.15 0.00	48.87 2.19 0.00	48.94 2.29 0.00	48.56 2.27 0.00	49.39 2.04 0.00	53.72 2.31 0.00	62.48 2.63 0.00	69.08 2.85 0.00	67.29 2.65 0.00	52.46 2.16 0.00	44.59 1.89 0.25	42.01 1.52 0.65	38.95 1.19 0.75
RAVENSWOOD_GT_4 24252	36.36 1.70 0.01	34.55 1.42 0.01	32.42 1.22 0.01	31.99 1.23 0.01	31.92 1.08 0.01	34.07 1.44 0.00	42.33 1.51 0.00	48.41 1.86 1.27	51.61 1.84 0.00	49.09 1.98 0.00	51.00 2.24 0.00	49.92 2.20 0.00	48.92 2.24 0.00	48.94 2.29 0.00	48.56 2.27 0.00	49.39 2.04 0.00	53.77 2.36 0.00	62.55 2.69 -0.01	69.22 2.98 -0.01	67.35 2.71 -0.01	52.52 2.21 -0.01	44.59 1.89 0.25	42.05 1.56 0.65	38.91 1.16 0.75
RAVENSWOOD_GT_5 24254	36.36 1.70 0.01	34.55 1.42 0.01	32.42 1.22 0.01	31.99 1.23 0.01	31.92 1.08 0.01	34.07 1.44 0.00	42.33 1.51 0.00	48.41 1.86 1.27	51.61 1.84 0.00	49.09 1.98 0.00	51.00 2.24 0.00	49.92 2.20 0.00	48.92 2.24 0.00	48.94 2.29 0.00	48.56 2.27 0.00	49.39 2.04 0.00	53.77 2.36 0.00	62.55 2.69 -0.01	69.22 2.98 -0.01	67.35 2.71 -0.01	52.52 2.21 -0.01	44.59 1.89 0.25	42.05 1.56 0.65	38.91 1.16 0.75
RAVENSWOOD_GT_6 24253	36.36 1.70 0.01	34.55 1.42 0.01	32.42 1.22 0.01	31.99 1.23 0.01	31.92 1.08 0.01	34.07 1.44 0.00	42.33 1.51 0.00	48.41 1.86 1.27	51.61 1.84 0.00	49.09 1.98 0.00	51.00 2.24 0.00	49.92 2.20 0.00	48.92 2.24 0.00	48.94 2.29 0.00	48.56 2.27 0.00	49.39 2.04 0.00	53.77 2.36 0.00	62.55 2.69 -0.01	69.22 2.98 -0.01	67.35 2.71 -0.01	52.52 2.21 -0.01	44.59 1.89 0.25	42.05 1.56 0.65	38.91 1.16 0.75
RAVENSWOOD_GT_7 24255	36.36 1.70 0.01	34.55 1.42 0.01	32.42 1.22 0.01	31.99 1.23 0.01	31.92 1.08 0.01	34.07 1.44 0.00	42.33 1.51 0.00	48.41 1.86 1.27	51.61 1.84 0.00	49.09 1.98 0.00	51.00 2.24 0.00	49.92 2.20 0.00	48.92 2.24 0.00	48.94 2.29 0.00	48.56 2.27 0.00	49.39 2.04 0.00	53.77 2.36 0.00	62.55 2.69 -0.01	69.22 2.98 -0.01	67.35 2.71 -0.01	52.52 2.21 -0.01	44.59 1.89 0.25	42.05 1.56 0.65	38.91 1.16 0.75
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	36.40 1.73 0.00	34.59 1.46 0.00	32.46 1.25 0.00	32.03 1.26 0.00	31.96 1.11 0.00	34.10 1.47 0.00	42.29 1.47 0.00	48.41 1.86 1.27	51.56 1.79 0.00	49.04 1.93 0.00	50.95 2.19 0.00	49.87 2.15 0.00	48.87 2.19 0.00	48.94 2.29 0.00	48.56 2.27 0.00	49.39 2.04 0.00	53.72 2.31 0.00	62.48 2.63 0.00	69.08 2.85 0.00	67.29 2.65 0.00	52.46 2.16 0.00	44.59 1.89 0.25	42.01 1.52 0.65	38.95 1.19 0.75
RAVENSWOOD_GT_9 24257	36.40 1.73 0.00	34.59 1.46 0.00	32.46 1.25 0.00	32.03 1.26 0.00	31.96 1.11 0.00	34.10 1.47 0.00	42.29 1.47 0.00	48.41 1.86 1.27	51.56 1.79 0.00	49.04 1.93 0.00	50.95 2.19 0.00	49.87 2.15 0.00	48.87 2.19 0.00	48.94 2.29 0.00	48.56 2.27 0.00	49.39 2.04 0.00	53.72 2.31 0.00	62.48 2.63 0.00	69.08 2.85 0.00	67.29 2.65 0.00	52.46 2.16 0.00	44.59 1.89 0.25	42.01 1.52 0.65	38.95 1.19 0.75

RAVENSWOOD___1 23533	36.58 1.91 -0.01	34.76 1.62 -0.01	32.59 1.37 -0.01	32.13 1.35 -0.01	32.12 1.27 -0.01	34.23 1.60 0.00	42.25 1.43 0.00	48.12 1.58 1.27	51.31 1.54 0.00	48.76 1.65 0.00	50.66 1.90 0.00	49.54 1.81 0.00	48.63 1.96 0.00	48.66 2.00 0.00	48.33 2.03 0.00	49.10 1.75 0.00	53.36 1.95 0.00	62.05 2.22 0.01	68.54 2.32 0.01	66.76 2.13 0.01	52.05 1.76 0.01	44.51 1.80 0.25	42.14 1.65 0.65	39.03 1.27 0.74
RAVENSWOOD___2 23534	36.51 1.84 -0.01	34.69 1.56 -0.01	32.53 1.31 -0.01	32.10 1.32 -0.01	32.06 1.20 -0.01	34.17 1.53 0.00	42.17 1.35 0.00	47.88 1.34 1.27	51.01 1.24 0.00	48.48 1.37 0.00	50.36 1.61 0.00	49.30 1.57 0.00	48.49 1.82 0.00	48.48 1.82 0.00	48.24 1.94 0.00	48.91 1.56 0.00	52.95 1.54 0.00	61.58 1.74 0.01	68.01 1.79 0.01	66.24 1.62 0.01	51.75 1.46 0.01	44.42 1.72 0.25	42.06 1.56 0.65	38.96 1.19 0.74
RAVENSWOOD___3 23535	36.40 1.73 0.00	34.58 1.46 0.00	32.46 1.25 0.00	32.00 1.23 0.00	31.95 1.11 0.00	34.07 1.43 0.00	42.33 1.51 0.00	48.26 1.72 1.27	51.51 1.74 0.00	48.90 1.79 0.00	50.81 2.05 0.00	49.73 2.00 0.00	48.73 2.05 0.00	48.76 2.10 0.00	48.43 2.13 0.00	49.25 1.90 0.00	53.57 2.16 0.00	62.30 2.45 0.00	68.88 2.65 0.00	67.03 2.39 0.00	52.31 2.01 0.00	44.55 1.85 0.25	42.14 1.65 0.65	38.96 1.19 0.74
RAVENSWOOD___4 23820	36.54 1.87 -0.01	34.76 1.62 -0.01	32.59 1.37 -0.01	32.13 1.35 -0.01	32.12 1.27 -0.01	34.23 1.60 0.00	42.25 1.43 0.00	48.08 1.53 1.27	51.26 1.49 0.00	48.76 1.65 0.00	50.66 1.90 0.00	49.54 1.81 0.00	48.63 1.96 0.00	48.66 2.00 0.00	48.33 2.03 0.00	49.10 1.75 0.00	53.36 1.95 0.00	62.06 2.22 0.01	68.54 2.32 0.01	66.76 2.13 0.01	52.05 1.76 0.01	44.51 1.80 0.25	42.14 1.65 0.65	39.03 1.27 0.74
RCPL_TRUST___DRP 24196	36.37 1.70 0.00	34.59 1.46 0.00	32.43 1.22 0.00	32.00 1.23 0.00	31.96 1.11 0.00	34.07 1.44 0.00	42.37 1.55 0.00	48.51 1.96 1.27	51.66 1.89 0.00	49.13 2.03 0.00	51.05 2.29 0.00	49.97 2.24 0.00	48.96 2.29 0.00	48.99 2.33 0.00	48.61 2.31 0.00	49.43 2.08 0.00	53.83 2.42 0.00	62.60 2.75 0.00	69.21 2.98 0.00	67.41 2.78 0.00	52.51 2.21 0.00	44.59 1.89 0.25	42.05 1.56 0.65	38.95 1.19 0.75
RED___ROCHESTER 323720	34.49 -0.17 0.00	33.20 0.07 0.00	31.05 -0.16 0.00	30.67 -0.09 0.00	30.75 -0.09 0.00	32.47 -0.16 0.00	40.58 -0.24 0.00	48.33 -1.10 -1.61	51.42 -1.05 -2.71	51.37 -0.99 -5.25	53.59 -1.07 -5.90	52.21 -1.15 -5.63	47.89 -1.21 -2.43	47.97 -1.12 -2.43	47.26 -1.06 -2.03	48.64 -0.95 -2.24	52.25 -1.34 -2.18	65.65 -1.26 -7.06	72.93 -1.13 -7.83	71.17 -1.10 -7.64	55.08 -1.15 -5.94	44.30 -1.12 -2.47	44.22 -0.99 -4.07	41.78 -0.39 -3.66
REGAN___SOLAR 323812	36.09 1.42 0.00	34.42 1.29 0.00	32.49 1.28 0.00	32.00 1.23 0.00	32.11 1.27 0.00	34.03 1.40 0.00	42.70 1.88 0.00	48.95 2.30 1.16	51.76 1.99 0.00	48.57 1.46 0.00	50.07 1.32 0.00	48.92 1.19 0.00	47.89 1.21 0.00	47.96 1.30 0.00	47.73 1.44 0.00	49.05 1.70 0.00	53.36 1.95 0.00	62.42 2.57 0.00	69.41 3.18 0.00	67.61 2.97 0.00	52.51 2.21 0.00	44.66 1.93 0.23	42.20 1.65 0.59	39.09 1.27 0.68
RENSSELAER___COGEN 23796	34.94 0.28 0.00	33.39 0.26 0.00	31.49 0.28 0.00	31.07 0.31 0.00	31.12 0.28 0.00	32.92 0.29 0.00	41.11 0.29 0.00	47.06 0.14 0.90	49.72 -0.05 0.00	47.11 0.00 0.00	48.61 -0.15 0.00	47.49 -0.24 0.00	46.54 -0.14 0.00	46.52 -0.14 0.00	46.20 -0.09 0.00	47.16 -0.19 0.00	51.26 -0.15 0.00	59.55 -0.30 0.00	65.84 -0.40 0.00	64.25 -0.39 0.00	50.05 -0.25 0.00	42.69 -0.09 0.18	40.52 -0.16 0.46	37.67 -0.31 0.53
REPUBLIC_115KV_BARTNBK 55605	37.09 2.43 0.00	35.38 2.25 0.00	33.39 2.18 0.00	32.89 2.12 0.00	32.97 2.13 0.00	34.92 2.28 0.00	43.84 3.02 0.00	50.67 3.73 0.87	53.35 3.58 0.00	50.45 3.34 0.00	52.27 3.51 0.00	50.97 3.25 0.00	49.57 2.89 0.00	49.69 3.03 0.00	49.31 3.01 0.00	50.66 3.31 0.00	55.06 3.65 0.00	64.22 4.37 0.00	71.60 5.36 0.00	69.74 5.11 0.00	54.07 3.77 0.00	45.83 3.05 0.17	43.37 2.67 0.45	40.22 2.23 0.52
REVERE_CPPR_DRP 24186	35.53 0.87 0.00	33.96 0.83 0.00	32.08 0.87 0.00	31.50 0.74 0.00	31.68 0.83 0.00	33.58 0.95 0.00	42.17 1.35 0.00	47.01 1.63 2.43	51.46 1.69 0.00	48.43 1.32 0.00	50.03 1.27 0.00	49.11 1.38 0.00	47.98 1.31 0.00	47.87 1.21 0.00	47.55 1.25 0.00	48.86 1.52 0.00	53.05 1.65 0.00	62.00 2.15 0.00	68.88 2.65 0.00	67.28 2.65 0.00	52.31 2.01 0.00	44.23 1.76 0.48	41.37 1.48 1.25	38.34 1.27 1.44
REYNLDPA_13_KV_LD 356490	34.91 0.24 0.00	33.46 0.33 0.00	31.52 0.31 0.00	31.01 0.24 0.00	31.15 0.31 0.00	32.92 0.29 0.00	41.27 0.45 0.00	48.34 0.53 0.00	50.31 0.55 0.00	47.72 0.61 0.00	49.39 0.63 0.00	48.44 0.72 0.00	47.28 0.61 0.00	47.22 0.56 0.00	46.76 0.46 0.00	47.92 0.57 0.00	52.03 0.62 0.00	60.45 0.60 0.00	66.83 0.59 0.00	65.21 0.58 0.00	50.80 0.50 0.00	43.34 0.39 0.00	41.64 0.50 0.00	39.04 0.54 0.00
REYNOLDS_115KV_TB3 80639	35.29 0.62 0.00	33.66 0.53 0.00	31.74 0.53 0.00	31.32 0.55 0.00	31.34 0.49 0.00	33.22 0.59 0.00	41.48 0.65 0.00	47.58 0.67 0.90	50.46 0.70 0.00	47.72 0.61 0.00	49.34 0.59 0.00	48.20 0.48 0.00	47.23 0.56 0.00	47.22 0.56 0.00	46.90 0.60 0.00	47.82 0.47 0.00	51.97 0.57 0.00	60.39 0.54 0.00	66.76 0.53 0.00	65.22 0.58 0.00	50.80 0.50 0.00	43.20 0.43 0.18	40.96 0.29 0.46	38.09 0.12 0.53
RIVERBAY____ 323610	37.00 2.32 -0.01	35.16 2.02 -0.01	33.09 1.87 -0.01	32.65 1.88 -0.01	32.58 1.73 -0.01	34.59 1.96 0.00	42.46 1.63 0.00	48.46 1.91 1.27	51.56 1.79 0.00	49.09 1.98 0.00	51.00 2.24 0.00	49.87 2.15 0.00	48.92 2.24 0.00	48.99 2.33 0.00	48.61 2.31 0.00	49.43 2.08 0.00	53.67 2.26 0.00	62.41 2.57 0.01	69.00 2.78 0.01	67.21 2.59 0.01	52.40 2.11 0.01	44.68 1.98 0.25	42.30 1.81 0.65	39.49 1.73 0.75
RIVERSDE_115KV_TB3 55908	35.12 0.45 0.00	33.53 0.40 0.00	31.61 0.41 0.00	31.20 0.43 0.00	31.25 0.40 0.00	33.09 0.46 0.00	41.31 0.49 0.00	47.39 0.48 0.90	50.31 0.55 0.00	47.53 0.42 0.00	49.10 0.34 0.00	47.96 0.24 0.00	47.00 0.33 0.00	46.98 0.33 0.00	46.67 0.37 0.00	47.63 0.28 0.00	51.77 0.36 0.00	60.09 0.24 0.00	66.50 0.26 0.00	64.89 0.26 0.00	50.55 0.25 0.00	42.99 0.21 0.18	40.76 0.08 0.46	37.90 -0.08 0.53
ROARING___BROOK_WT_PWR 323790	34.32 -0.35 0.00	32.83 -0.30 0.00	30.96 -0.25 0.00	30.55 -0.21 0.00	30.66 -0.18 0.00	32.47 -0.16 0.00	40.62 -0.20 0.00	47.58 -0.24 0.00	49.52 -0.25 0.00	46.87 -0.23 0.00	48.52 -0.24 0.00	47.54 -0.19 0.00	46.49 -0.19 0.00	46.43 -0.23 0.00	46.07 -0.23 0.00	47.16 -0.19 0.00	51.20 -0.20 0.00	59.55 -0.30 0.00	65.90 -0.33 0.00	64.38 -0.26 0.00	50.15 -0.15 0.00	42.86 -0.09 0.00	41.10 -0.04 0.00	38.51 0.00 0.00

ROCHESRG_115KV_T4 355643	34.25 -0.42 0.00	32.93 -0.20 0.00	30.77 -0.44 0.00	30.37 -0.40 0.00	30.51 -0.34 0.00	32.17 -0.46 0.00	40.21 -0.61 0.00	47.90 -1.63 -1.71	50.86 -1.64 -2.74	50.92 -1.51 -5.32	53.12 -1.61 -5.98	51.80 -1.62 -5.70	47.50 -1.63 -2.46	47.54 -1.59 -2.46	46.87 -1.48 -2.06	48.20 -1.42 -2.27	51.88 -1.80 -2.27	65.21 -1.80 -7.16	72.44 -1.72 -7.93	70.63 -1.75 -7.74	54.81 -1.66 -6.17	43.97 -1.59 -2.61	44.24 -1.23 -4.33	41.69 -0.73 -3.92
ROCHESTER_9_IC 23652	34.39 -0.28 0.00	33.06 -0.07 0.00	30.93 -0.28 0.00	30.52 -0.25 0.00	30.63 -0.22 0.00	32.31 -0.33 0.00	40.41 -0.41 0.00	48.09 -1.34 -1.61	51.18 -1.29 -2.71	51.18 -1.18 -5.25	53.39 -1.27 -5.90	52.02 -1.34 -5.63	47.70 -1.40 -2.43	47.78 -1.31 -2.43	47.12 -1.20 -2.03	48.45 -1.14 -2.24	52.11 -1.54 -2.24	65.48 -1.44 -7.07	72.73 -1.32 -7.83	70.92 -1.36 -7.64	55.03 -1.36 -6.09	44.18 -1.33 -2.56	44.39 -0.99 -4.24	41.79 -0.54 -3.83
ROCKVIEW_13_KV_LD 356306	36.33 1.66 0.00	34.55 1.42 0.00	32.39 1.19 0.00	31.97 1.20 0.00	31.93 1.08 0.00	34.03 1.40 0.00	42.33 1.51 0.00	48.41 1.86 1.27	51.71 1.94 0.00	49.18 2.07 0.00	51.10 2.34 0.00	50.02 2.29 0.00	49.01 2.33 0.00	49.04 2.38 0.00	48.61 2.31 0.00	49.48 2.13 0.00	53.83 2.42 0.00	62.66 2.81 0.00	69.21 2.98 0.00	67.41 2.78 0.00	52.56 2.26 0.00	44.63 1.93 0.25	42.05 1.56 0.65	38.91 1.16 0.75
ROME____115KV_TB2 80656	35.53 0.87 0.00	33.96 0.83 0.00	32.08 0.87 0.00	31.50 0.74 0.00	31.68 0.83 0.00	33.58 0.95 0.00	42.17 1.35 0.00	47.01 1.63 2.43	51.46 1.69 0.00	48.43 1.32 0.00	50.03 1.27 0.00	49.11 1.38 0.00	47.98 1.31 0.00	47.87 1.21 0.00	47.55 1.25 0.00	48.86 1.52 0.00	53.05 1.65 0.00	62.00 2.15 0.00	68.88 2.65 0.00	67.28 2.65 0.00	52.31 2.01 0.00	44.23 1.76 0.48	41.37 1.48 1.25	38.34 1.27 1.44
ROSETON___1 23587	35.95 1.28 0.00	34.19 1.06 0.00	32.14 0.94 0.00	31.69 0.92 0.00	31.71 0.86 0.00	33.71 1.08 0.00	41.93 1.10 0.00	47.84 1.20 1.18	50.96 1.19 0.00	48.38 1.27 0.00	50.17 1.41 0.00	49.11 1.38 0.00	48.12 1.45 0.00	48.15 1.49 0.00	47.78 1.48 0.00	48.67 1.32 0.00	52.90 1.49 0.00	61.52 1.67 0.00	67.95 1.72 0.00	66.25 1.62 0.00	51.66 1.36 0.00	44.06 1.33 0.23	41.69 1.15 0.60	38.59 0.77 0.69
ROSETON___2 23588	35.95 1.28 0.00	34.19 1.06 0.00	32.14 0.94 0.00	31.69 0.92 0.00	31.71 0.86 0.00	33.71 1.08 0.00	41.93 1.10 0.00	47.84 1.20 1.18	50.96 1.19 0.00	48.38 1.27 0.00	50.17 1.41 0.00	49.11 1.38 0.00	48.12 1.45 0.00	48.15 1.49 0.00	47.78 1.48 0.00	48.67 1.32 0.00	52.90 1.49 0.00	61.52 1.67 0.00	67.95 1.72 0.00	66.25 1.62 0.00	51.66 1.36 0.00	44.06 1.33 0.23	41.69 1.15 0.60	38.59 0.77 0.69
ROTRDAM_115KV_TB3 80664	35.43 0.76 0.00	33.79 0.66 0.00	31.86 0.66 0.00	31.44 0.68 0.00	31.49 0.65 0.00	33.32 0.69 0.00	41.64 0.82 0.00	47.95 1.00 0.87	50.76 1.00 0.00	48.05 0.94 0.00	49.73 0.98 0.00	48.63 0.91 0.00	47.56 0.89 0.00	47.59 0.93 0.00	47.22 0.93 0.00	48.30 0.95 0.00	52.49 1.08 0.00	61.04 1.20 0.00	67.62 1.39 0.00	65.99 1.36 0.00	51.35 1.06 0.00	43.68 0.90 0.17	41.43 0.74 0.45	38.53 0.54 0.52
RUSSELL___1 23602	34.49 -0.17 0.00	33.20 0.07 0.00	31.02 -0.19 0.00	30.61 -0.15 0.00	30.75 -0.09 0.00	32.44 -0.20 0.00	40.58 -0.24 0.00	48.33 -1.10 -1.61	51.43 -1.05 -2.71	51.42 -0.94 -5.25	53.63 -1.02 -5.90	52.26 -1.10 -5.63	47.93 -1.17 -2.43	47.97 -1.12 -2.43	47.36 -0.97 -2.03	48.69 -0.90 -2.24	52.41 -1.23 -2.24	65.78 -1.14 -7.07	73.00 -1.06 -7.83	71.17 -1.10 -7.64	55.23 -1.16 -6.09	44.39 -1.12 -2.56	44.56 -0.82 -4.24	41.95 -0.39 -3.82
RUSSELL___2 23532	34.49 -0.17 0.00	33.20 0.07 0.00	31.02 -0.19 0.00	30.61 -0.15 0.00	30.75 -0.09 0.00	32.44 -0.20 0.00	40.58 -0.24 0.00	48.33 -1.10 -1.61	51.43 -1.05 -2.71	51.42 -0.94 -5.25	53.63 -1.02 -5.90	52.26 -1.10 -5.63	47.93 -1.17 -2.43	47.97 -1.12 -2.43	47.36 -0.97 -2.03	48.69 -0.90 -2.24	52.41 -1.23 -2.24	65.78 -1.14 -7.07	73.00 -1.06 -7.83	71.17 -1.10 -7.64	55.23 -1.16 -6.09	44.39 -1.12 -2.56	44.56 -0.82 -4.24	41.95 -0.39 -3.82
RUSSELL___3 23549	34.49 -0.17 0.00	33.20 0.07 0.00	31.02 -0.19 0.00	30.61 -0.15 0.00	30.75 -0.09 0.00	32.44 -0.20 0.00	40.58 -0.24 0.00	48.33 -1.10 -1.61	51.43 -1.05 -2.71	51.42 -0.94 -5.25	53.63 -1.02 -5.90	52.26 -1.10 -5.63	47.93 -1.17 -2.43	47.97 -1.12 -2.43	47.36 -0.97 -2.03	48.69 -0.90 -2.24	52.41 -1.23 -2.24	65.78 -1.14 -7.07	73.00 -1.06 -7.83	71.17 -1.10 -7.64	55.23 -1.16 -6.09	44.39 -1.12 -2.56	44.56 -0.82 -4.24	41.95 -0.39 -3.82
RUSSELL___4 23556	34.49 -0.17 0.00	33.20 0.07 0.00	31.02 -0.19 0.00	30.61 -0.15 0.00	30.75 -0.09 0.00	32.44 -0.20 0.00	40.58 -0.24 0.00	48.33 -1.10 -1.61	51.43 -1.05 -2.71	51.42 -0.94 -5.25	53.63 -1.02 -5.90	52.26 -1.10 -5.63	47.93 -1.17 -2.43	47.97 -1.12 -2.43	47.36 -0.97 -2.03	48.69 -0.90 -2.24	52.41 -1.23 -2.24	65.78 -1.14 -7.07	73.00 -1.06 -7.83	71.17 -1.10 -7.64	55.23 -1.16 -6.09	44.39 -1.12 -2.56	44.56 -0.82 -4.24	41.95 -0.39 -3.82
RUSSELL___STATION 23914	34.49 -0.17 0.00	33.20 0.07 0.00	31.02 -0.19 0.00	30.61 -0.15 0.00	30.75 -0.09 0.00	32.44 -0.20 0.00	40.58 -0.24 0.00	48.33 -1.10 -1.61	51.43 -1.05 -2.71	51.42 -0.94 -5.25	53.63 -1.02 -5.90	52.26 -1.10 -5.63	47.93 -1.17 -2.43	47.97 -1.12 -2.43	47.36 -0.97 -2.03	48.69 -0.90 -2.24	52.41 -1.23 -2.24	65.78 -1.14 -7.07	73.00 -1.06 -7.83	71.17 -1.10 -7.64	55.23 -1.16 -6.09	44.39 -1.12 -2.56	44.56 -0.82 -4.24	41.95 -0.39 -3.82
S SALMON___HYD 24043	34.46 -0.21 0.00	32.93 -0.20 0.00	31.05 -0.16 0.00	30.55 -0.21 0.00	30.66 -0.18 0.00	32.50 -0.13 0.00	40.74 -0.08 0.00	49.26 -0.10 -1.54	52.63 -0.05 -2.92	52.54 -0.23 -5.66	54.83 -0.29 -6.36	53.51 -0.28 -6.07	49.01 -0.28 -2.61	48.91 -0.37 -2.62	48.16 -0.32 -2.19	49.62 -0.14 -2.41	53.61 -0.20 -2.41	67.53 -0.12 -7.80	75.00 0.13 -8.64	73.26 0.19 -8.43	56.95 0.10 -6.56	45.83 0.17 -2.71	45.63 0.04 -4.45	42.57 0.08 -3.99
S.PERRY__115KV_TB1 80734	35.26 0.59 0.00	33.96 0.83 0.00	31.65 0.44 0.00	31.26 0.49 0.00	31.43 0.59 0.00	33.19 0.55 0.00	41.64 0.82 0.00	47.50 0.48 0.80	51.82 0.35 -1.71	50.42 0.00 -3.31	51.99 -0.49 -3.72	50.51 -0.76 -3.55	47.27 -0.93 -1.53	47.40 -0.79 -1.53	46.88 -0.69 -1.28	48.38 -0.38 -1.41	52.41 -0.41 -1.41	64.80 0.54 -4.41	72.51 1.39 -4.89	70.83 1.42 -4.77	54.80 0.65 -3.85	44.36 0.17 -1.24	43.33 0.49 -1.69	40.71 0.92 -1.28
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	33.97 -0.69 0.00	32.90 -0.23 0.00	30.49 -0.72 0.00	30.09 -0.68 0.00	30.32 -0.52 0.00	31.82 -0.82 0.00	39.56 -1.27 0.00	45.03 -2.92 -0.13	48.71 -3.14 -2.08	48.36 -2.83 -4.08	50.22 -3.12 -4.59	49.09 -3.01 -4.37	45.64 -2.89 -1.86	45.72 -2.80 -1.87	45.08 -2.78 -1.56	46.41 -2.65 -1.72	49.63 -3.50 -1.72	61.31 -3.77 -5.23	68.52 -3.51 -5.80	66.62 -3.68 -5.67	51.66 -3.37 -4.73	41.71 -3.01 -1.76	41.79 -2.10 -2.75	39.92 -0.85 -2.26

SAWYER___23_KV_LOAD 55526	33.97 -0.69 0.00	32.90 -0.23 0.00	30.49 -0.72 0.00	30.09 -0.68 0.00	30.32 -0.52 0.00	31.82 -0.82 0.00	39.56 -1.27 0.00	45.03 -2.92 -0.13	48.71 -3.14 -2.08	48.36 -2.83 -4.08	50.22 -3.12 -4.59	49.09 -3.01 -4.37	45.64 -2.89 -1.86	45.72 -2.80 -1.87	45.08 -2.78 -1.56	46.41 -2.65 -1.72	49.63 -3.50 -1.72	61.31 -3.77 -5.23	68.52 -3.51 -5.80	66.62 -3.68 -5.67	51.66 -3.37 -4.73	41.71 -3.01 -1.76	41.79 -2.10 -2.75	39.92 -0.85 -2.26
SELKIRK___I 23801	35.32 0.66 0.00	33.73 0.60 0.00	31.83 0.62 0.00	31.38 0.62 0.00	31.43 0.58 0.00	33.32 0.69 0.00	41.60 0.77 0.00	47.70 0.81 0.93	50.31 0.55 0.00	47.58 0.47 0.00	48.11 -0.64 0.01	47.00 -0.71 0.01	46.05 -0.61 0.01	45.99 -0.65 0.01	45.68 -0.60 0.01	46.69 -0.66 0.00	50.64 -0.77 0.00	58.83 -1.02 0.00	65.04 -1.19 0.00	63.54 -1.10 0.00	49.49 -0.81 0.00	42.21 -0.56 0.18	40.92 0.25 0.47	38.08 0.12 0.54
SELKIRK___II 23799	35.08 0.42 0.00	33.49 0.37 0.00	31.58 0.38 0.00	31.17 0.40 0.00	31.22 0.37 0.00	33.02 0.39 0.00	41.23 0.41 0.00	47.29 0.38 0.91	49.62 -0.15 0.00	46.97 -0.14 0.00	48.43 -0.29 0.03	47.31 -0.38 0.03	46.36 -0.28 0.03	46.35 -0.28 0.03	46.03 -0.23 0.03	47.02 -0.33 0.00	51.10 -0.31 0.00	59.37 -0.48 0.00	65.57 -0.66 0.00	63.99 -0.65 0.00	49.89 -0.40 0.00	42.52 -0.26 0.18	40.43 -0.25 0.46	37.59 -0.39 0.53
SENECA OSWGO___HYD 24041	34.04 -0.62 0.00	32.53 -0.60 0.00	30.58 -0.62 0.00	30.18 -0.59 0.00	30.26 -0.59 0.00	32.05 -0.59 0.00	40.13 -0.69 0.00	50.12 -0.72 -3.02	52.97 -0.70 -3.91	53.99 -0.71 -7.58	56.59 -0.68 -8.52	55.14 -0.71 -8.13	49.48 -0.70 -3.50	49.42 -0.75 -3.51	48.54 -0.69 -2.93	49.92 -0.66 -3.23	53.87 -0.77 -3.23	69.52 -0.78 -10.45	77.08 -0.73 -11.58	75.22 -0.71 -11.30	58.48 -0.60 -8.78	46.17 -0.60 -3.82	46.98 -0.62 -6.45	43.91 -0.50 -5.91
SENECA___115KV_TB3 355854	34.11 -0.55 0.00	32.96 -0.17 0.00	30.58 -0.62 0.00	30.18 -0.58 0.00	30.41 -0.43 0.00	31.98 -0.65 0.00	39.88 -0.94 0.00	45.68 -1.91 0.22	49.58 -2.14 -1.96	49.09 -1.84 -3.82	50.96 -2.10 -4.30	49.82 -2.00 -4.10	46.42 -2.01 -1.75	46.50 -1.91 -1.76	45.96 -1.81 -1.47	47.26 -1.70 -1.62	50.56 -2.47 -1.62	62.18 -2.51 -4.85	69.55 -2.05 -5.37	67.56 -2.33 -5.25	52.42 -2.31 -4.44	42.40 -2.15 -1.59	42.23 -1.32 -2.41	40.31 -0.15 -1.96
SENECA___ENERGY 23797	34.49 -0.17 0.00	33.03 -0.10 0.00	30.96 -0.25 0.00	30.58 -0.18 0.00	30.69 -0.15 0.00	32.50 -0.13 0.00	40.66 -0.16 0.00	45.18 -0.24 2.39	51.16 -0.15 -1.54	49.82 -0.28 -2.99	51.82 -0.29 -3.36	50.54 -0.38 -3.20	47.63 -0.42 -1.38	47.62 -0.42 -1.38	47.03 -0.42 -1.16	48.29 -0.33 -1.27	52.41 -0.26 -1.26	63.98 0.06 -4.08	71.08 0.33 -4.51	69.37 0.32 -4.41	53.77 0.05 -3.43	43.52 -0.21 -0.78	41.55 -0.25 -0.66	38.71 0.04 -0.16
SHOEMAKER___GT 23640	36.05 1.39 0.00	34.29 1.16 0.00	32.18 0.97 0.00	31.72 0.95 0.00	31.74 0.90 0.00	33.77 1.14 0.00	42.13 1.31 0.00	47.89 1.58 1.50	51.36 1.59 0.00	48.62 1.51 0.00	50.42 1.66 0.00	49.30 1.57 0.00	48.26 1.59 0.00	48.34 1.68 0.00	47.96 1.66 0.00	48.86 1.51 0.00	53.26 1.85 0.00	62.06 2.22 0.00	68.68 2.45 0.00	66.90 2.26 0.00	52.10 1.81 0.00	44.29 1.63 0.29	41.74 1.36 0.76	38.55 0.92 0.87
SHOEMAKR_138KV_BK 111 55601	36.02 1.35 0.00	34.26 1.13 0.00	32.18 0.97 0.00	31.75 0.98 0.00	31.74 0.89 0.00	33.77 1.14 0.00	42.09 1.27 0.00	47.93 1.63 1.51	51.41 1.64 0.00	48.71 1.60 0.00	50.56 1.80 0.00	49.44 1.72 0.00	48.40 1.73 0.00	48.43 1.77 0.00	48.10 1.81 0.00	48.96 1.61 0.00	53.31 1.90 0.00	62.18 2.33 0.00	68.81 2.58 0.00	67.03 2.39 0.00	52.21 1.91 0.00	44.24 1.59 0.30	41.60 1.23 0.78	38.50 0.89 0.89
SHOREHAM_IC_1 23715	35.57 0.90 0.00	33.56 0.43 0.00	31.37 0.16 0.00	31.01 0.24 0.00	30.88 0.03 0.00	33.25 0.62 0.00	40.69 -0.12 0.01	46.21 -0.19 1.42	49.65 -0.10 0.01	47.29 0.19 0.01	49.44 0.68 0.00	48.30 0.57 0.00	47.56 0.88 0.00	47.78 1.12 0.00	47.31 1.02 0.00	48.06 0.71 0.00	52.59 1.18 0.00	61.11 1.26 0.00	67.16 0.93 0.00	65.41 0.78 0.00	51.15 0.85 0.00	43.56 0.86 0.25	41.36 0.87 0.64	38.53 0.77 0.74
SHOREHAM_IC_2 23716	35.50 0.83 0.00	33.56 0.43 0.00	31.49 0.28 0.00	31.14 0.37 0.00	30.88 0.03 0.00	33.32 0.69 0.00	40.69 -0.12 0.01	46.30 -0.10 1.42	49.70 -0.05 0.01	47.43 0.33 0.01	49.73 0.98 0.00	48.54 0.81 0.00	47.84 1.17 0.00	48.06 1.40 0.00	47.64 1.34 0.00	48.34 0.99 0.00	52.95 1.54 0.00	61.52 1.68 0.00	67.75 1.52 0.00	65.93 1.29 0.00	51.45 1.16 0.00	43.56 0.86 0.25	40.78 0.29 0.65	38.52 0.77 0.75
SISSONVILLE____ 23735	35.15 0.49 0.00	33.76 0.63 0.00	31.86 0.66 0.00	31.26 0.49 0.00	31.43 0.59 0.00	33.28 0.65 0.00	41.84 1.02 0.00	49.28 1.00 -0.46	51.11 0.95 -0.40	48.69 0.80 -0.78	50.37 0.73 -0.88	49.57 1.00 -0.84	47.83 0.79 -0.36	47.72 0.70 -0.36	47.15 0.56 -0.30	48.49 0.80 -0.33	52.46 0.72 -0.33	61.22 0.30 -1.08	67.76 0.33 -1.19	66.25 0.45 -1.17	51.66 0.45 -0.91	44.32 0.94 -0.42	42.99 1.11 -0.74	40.28 1.08 -0.70
SITHE_IND_GS1 24169	33.66 -1.01 0.00	32.17 -0.96 0.00	30.27 -0.94 0.00	29.87 -0.89 0.00	29.95 -0.90 0.00	31.65 -0.98 0.00	39.68 -1.14 0.00	-24.65 -1.29 71.18	26.09 -1.29 22.38	2.40 -1.27 43.44	-1.32 -1.27 48.81	-0.12 -1.29 46.56	25.36 -1.26 20.06	25.27 -1.26 20.13	28.29 -1.20 16.80	27.60 -1.23 18.52	31.50 -1.39 18.52	-1.62 -1.49 59.98	-1.80 -1.59 66.44	-1.75 -1.55 64.84	-1.36 -1.26 50.41	9.34 -1.12 32.49	-24.68 -1.11 64.71	-28.16 -0.92 65.74
SITHE_IND_GS2 24170	33.66 -1.01 0.00	32.17 -0.96 0.00	30.27 -0.94 0.00	29.87 -0.89 0.00	29.95 -0.90 0.00	31.65 -0.98 0.00	39.68 -1.14 0.00	-24.65 -1.29 71.18	26.09 -1.29 22.38	2.40 -1.27 43.44	-1.32 -1.27 48.81	-0.12 -1.29 46.56	25.36 -1.26 20.06	25.27 -1.26 20.13	28.29 -1.20 16.80	27.60 -1.23 18.52	31.50 -1.39 18.52	-1.62 -1.49 59.98	-1.80 -1.59 66.44	-1.75 -1.55 64.84	-1.36 -1.26 50.41	9.34 -1.12 32.49	-24.68 -1.11 64.71	-28.16 -0.92 65.74
SITHE_IND_GS3 24171	33.66 -1.01 0.00	32.17 -0.96 0.00	30.27 -0.94 0.00	29.87 -0.89 0.00	29.95 -0.90 0.00	31.65 -0.98 0.00	39.68 -1.14 0.00	-24.65 -1.29 71.18	26.09 -1.29 22.38	2.40 -1.27 43.44	-1.32 -1.27 48.81	-0.12 -1.29 46.56	25.36 -1.26 20.06	25.27 -1.26 20.13	28.29 -1.20 16.80	27.60 -1.23 18.52	31.50 -1.39 18.52	-1.62 -1.49 59.98	-1.80 -1.59 66.44	-1.75 -1.55 64.84	-1.36 -1.26 50.41	9.34 -1.12 32.49	-24.68 -1.11 64.71	-28.16 -0.92 65.74
SITHE_IND_GS4 24172	33.66 -1.01 0.00	32.17 -0.96 0.00	30.27 -0.94 0.00	29.87 -0.89 0.00	29.95 -0.90 0.00	31.65 -0.98 0.00	39.68 -1.14 0.00	-24.65 -1.29 71.18	26.09 -1.29 22.38	2.40 -1.27 43.44	-1.32 -1.27 48.81	-0.12 -1.29 46.56	25.36 -1.26 20.06	25.27 -1.26 20.13	28.29 -1.20 16.80	27.60 -1.23 18.52	31.50 -1.39 18.52	-1.62 -1.49 59.98	-1.80 -1.59 66.44	-1.75 -1.55 64.84	-1.36 -1.26 50.41	9.34 -1.12 32.49	-24.68 -1.11 64.71	-28.16 -0.92 65.74

SITHE___BATAVIA 24024	34.49 -0.17 0.00	33.36 0.23 0.00	31.02 -0.19 0.00	30.70 -0.06 0.00	30.82 -0.03 0.00	32.44 -0.19 0.00	40.45 -0.37 0.00	47.03 -1.53 -0.75	50.33 -1.79 -2.35	50.03 -1.65 -4.57	51.90 -2.00 -5.14	50.58 -2.05 -4.90	46.59 -2.19 -2.11	46.86 -1.91 -2.12	45.93 -2.13 -1.77	47.50 -1.80 -1.95	50.70 -2.57 -1.86	63.36 -2.51 -6.02	70.92 -1.99 -6.67	69.01 -2.13 -6.51	53.25 -2.11 -5.06	43.15 -1.76 -1.96	42.71 -1.52 -3.09	41.11 -0.08 -2.68
SITHE___INDEPEND 23800	33.66 -1.01 0.00	32.17 -0.96 0.00	30.27 -0.94 0.00	29.84 -0.92 0.00	29.95 -0.89 0.00	31.65 -0.98 0.00	39.68 -1.14 0.00	-24.61 -1.24 71.18	26.09 -1.29 22.38	2.44 -1.22 43.44	-1.32 -1.27 48.81	-0.07 -1.24 46.56	25.40 -1.21 20.06	25.32 -1.21 20.13	28.29 -1.20 16.80	27.65 -1.18 18.52	31.55 -1.34 18.52	-1.63 -1.50 59.98	-1.73 -1.52 66.44	-1.69 -1.49 64.84	-1.36 -1.26 50.40	9.35 -1.12 32.49	-24.64 -1.07 64.71	-28.16 -0.92 65.74
SITHE___MASSENA 23902	34.94 0.28 0.00	33.53 0.40 0.00	31.58 0.38 0.00	31.04 0.28 0.00	31.19 0.34 0.00	32.96 0.33 0.00	41.35 0.53 0.00	48.39 0.58 0.00	50.41 0.65 0.00	47.77 0.66 0.00	49.44 0.68 0.00	48.54 0.81 0.00	47.33 0.65 0.00	47.26 0.60 0.00	46.81 0.51 0.00	47.96 0.61 0.00	52.08 0.67 0.00	60.51 0.66 0.00	66.89 0.66 0.00	65.28 0.65 0.00	50.90 0.61 0.00	43.42 0.47 0.00	41.76 0.62 0.00	39.12 0.61 0.00
SITHE___OGDNSBRG 24021	35.46 0.80 0.00	34.06 0.93 0.00	32.15 0.94 0.00	31.50 0.74 0.00	31.68 0.83 0.00	33.55 0.91 0.00	42.17 1.35 0.00	49.25 1.43 0.00	51.01 1.24 0.00	48.05 0.94 0.00	49.68 0.93 0.00	48.82 1.10 0.00	47.61 0.93 0.00	47.50 0.84 0.00	47.04 0.74 0.00	48.34 0.99 0.00	52.54 1.13 0.00	61.04 1.20 0.00	67.69 1.46 0.00	66.19 1.55 0.00	51.60 1.31 0.00	44.37 1.42 0.00	42.58 1.44 0.00	39.85 1.35 0.00
SITHE___STERLING 23777	35.29 0.62 0.00	33.76 0.63 0.00	31.83 0.62 0.00	31.32 0.55 0.00	31.43 0.58 0.00	33.32 0.69 0.00	41.80 0.98 0.00	46.14 1.24 2.91	51.06 1.29 0.00	48.10 0.99 0.00	49.73 0.97 0.00	48.73 1.00 0.00	47.66 0.98 0.00	47.54 0.88 0.00	47.22 0.93 0.00	48.44 1.09 0.00	52.59 1.18 0.00	61.40 1.55 0.00	68.22 1.99 0.00	66.57 1.94 0.00	51.76 1.46 0.00	43.63 1.25 0.57	40.67 1.03 1.50	37.75 0.96 1.72
SLEIGHT__34_KV_TB1 80719	34.18 -0.49 0.00	32.80 -0.33 0.00	30.71 -0.50 0.00	30.30 -0.46 0.00	30.45 -0.40 0.00	32.14 -0.49 0.00	40.25 -0.57 0.00	47.00 -1.24 -0.43	50.96 -1.19 -2.39	50.62 -1.13 -4.64	53.00 -0.98 -5.21	51.65 -1.05 -4.97	47.74 -1.07 -2.14	47.74 -1.07 -2.15	47.07 -1.02 -1.80	48.38 -0.95 -1.98	52.26 -1.13 -1.98	65.12 -1.02 -6.29	72.27 -0.93 -6.97	70.53 -0.90 -6.80	54.73 -0.96 -5.38	43.94 -1.07 -2.06	43.47 -0.91 -3.23	40.68 -0.62 -2.79
SMITHTWN_69_KV_BK 1 55830	35.98 1.32 0.00	34.02 0.89 0.00	31.93 0.72 0.00	31.54 0.77 0.00	31.34 0.49 0.00	33.77 1.14 0.00	41.35 0.53 0.01	46.97 0.57 1.42	50.40 0.65 0.01	48.09 0.99 0.01	50.42 1.66 0.00	49.21 1.48 0.00	48.50 1.82 0.00	48.71 2.05 0.00	48.29 1.99 0.00	49.01 1.66 0.00	53.62 2.21 0.00	62.18 2.33 0.00	68.48 2.25 0.00	66.57 1.94 0.00	52.11 1.81 0.00	44.12 1.42 0.25	41.39 0.91 0.65	39.06 1.31 0.75
SOUTH CAIRO___GT 23612	35.85 1.18 0.00	34.22 1.09 0.00	32.21 1.00 0.00	31.81 1.05 0.00	31.86 1.02 0.00	34.13 1.50 0.00	42.74 1.92 0.00	49.17 2.34 0.99	51.96 2.19 0.00	48.43 1.32 0.00	49.32 0.59 0.02	48.18 0.48 0.02	47.26 0.61 0.02	47.29 0.65 0.02	46.92 0.65 0.02	48.06 0.71 0.00	52.13 0.72 0.00	60.92 1.08 0.00	67.69 1.46 0.00	65.86 1.23 0.00	51.30 1.01 0.00	43.62 0.86 0.19	41.37 0.74 0.51	38.50 0.58 0.58
SOUTH HAMPTN___IC 23720	35.74 1.08 0.00	33.73 0.60 0.00	31.52 0.31 0.00	31.17 0.40 0.00	31.03 0.19 0.00	33.41 0.78 0.00	40.81 0.00 0.01	46.40 0.00 1.42	49.95 0.20 0.01	47.57 0.47 0.01	49.83 1.07 0.00	48.68 0.95 0.00	47.94 1.26 0.00	48.11 1.45 0.00	47.64 1.34 0.00	48.35 1.00 0.00	52.90 1.49 0.00	61.46 1.62 0.00	67.56 1.32 0.00	65.80 1.16 0.00	51.40 1.11 0.00	43.78 1.07 0.25	41.48 0.99 0.64	38.76 1.00 0.74
SOUTHDOW_115KV_TB1 355954	34.46 -0.21 0.00	33.23 0.10 0.00	30.90 -0.31 0.00	30.55 -0.22 0.00	30.88 0.03 0.00	32.63 0.00 0.00	40.99 0.16 0.00	47.28 0.14 0.68	51.59 0.00 -1.82	50.71 0.05 -3.55	52.56 -0.20 -4.00	51.39 -0.14 -3.81	48.02 -0.28 -1.63	48.11 -0.19 -1.63	47.52 -0.14 -1.36	48.66 -0.19 -1.50	52.35 -0.57 -1.50	63.92 -0.30 -4.38	71.54 0.46 -4.85	69.63 0.26 -4.74	54.07 -0.35 -4.13	43.81 -0.56 -1.41	43.28 0.08 -2.06	41.09 0.96 -1.62
SOUTHOLD_69_KV_BK 2 55809	35.53 0.87 0.00	33.59 0.46 0.00	31.52 0.31 0.00	31.20 0.43 0.00	30.88 0.03 0.00	33.38 0.75 0.00	40.53 -0.29 0.01	46.21 -0.19 1.42	49.70 -0.05 0.01	47.53 0.42 0.01	50.07 1.32 0.00	48.82 1.10 0.00	48.08 1.40 0.00	48.29 1.63 0.00	47.78 1.48 0.00	48.44 1.09 0.00	53.11 1.70 0.00	61.76 1.92 0.00	68.02 1.79 0.00	66.12 1.49 0.00	51.55 1.26 0.00	43.60 0.90 0.25	40.73 0.25 0.65	38.68 0.92 0.75
SOUTHOLD___IC 23719	35.60 0.94 0.00	33.59 0.46 0.00	31.43 0.22 0.00	31.07 0.31 0.00	30.94 0.09 0.00	33.35 0.72 0.00	40.49 -0.33 0.01	46.11 -0.29 1.42	49.70 -0.05 0.01	47.39 0.28 0.01	49.78 1.03 0.00	48.54 0.81 0.00	47.79 1.12 0.00	47.96 1.30 0.00	47.50 1.20 0.00	48.15 0.80 0.00	52.74 1.33 0.00	61.34 1.50 0.00	67.42 1.19 0.00	65.61 0.97 0.00	51.25 0.95 0.00	43.61 0.90 0.25	41.28 0.78 0.64	38.69 0.92 0.74
SOUTH_FORK_WT_PWR 323839	35.26 0.59 0.00	33.23 0.10 0.00	31.12 -0.09 0.00	30.77 0.00 0.00	30.60 -0.25 0.00	32.99 0.36 0.00	39.92 -0.90 0.01	45.44 -0.96 1.42	49.01 -0.75 0.01	46.77 -0.33 0.01	49.15 0.39 0.00	47.92 0.19 0.00	47.19 0.51 0.00	47.36 0.70 0.00	46.85 0.56 0.00	47.49 0.14 0.00	52.03 0.62 0.00	60.51 0.66 0.00	66.50 0.27 0.00	64.76 0.13 0.00	50.60 0.30 0.00	43.05 0.34 0.25	40.70 0.21 0.64	38.30 0.54 0.74
SPIERFLS_115KV_TB 1 80737	35.53 0.87 0.00	33.89 0.76 0.00	31.99 0.78 0.00	31.54 0.77 0.00	31.59 0.74 0.00	33.41 0.78 0.00	41.88 1.06 0.00	48.24 1.29 0.87	51.01 1.24 0.00	48.29 1.18 0.00	49.98 1.22 0.00	48.82 1.10 0.00	47.66 0.98 0.00	47.68 1.03 0.00	47.36 1.06 0.00	48.49 1.14 0.00	52.69 1.29 0.00	61.34 1.50 0.00	68.09 1.85 0.00	66.38 1.75 0.00	51.55 1.26 0.00	43.81 1.03 0.17	41.51 0.82 0.45	38.53 0.54 0.52
ST LAWRENCE____ 23600	34.67 0.00 0.00	33.20 0.07 0.00	31.27 0.06 0.00	30.80 0.03 0.00	30.91 0.06 0.00	32.70 0.07 0.00	40.90 0.08 0.00	47.91 0.10 0.00	49.92 0.15 0.00	47.25 0.14 0.00	48.90 0.15 0.00	47.97 0.24 0.00	46.86 0.19 0.00	46.80 0.14 0.00	46.39 0.09 0.00	47.49 0.14 0.00	51.56 0.15 0.00	59.97 0.12 0.00	66.30 0.07 0.00	64.70 0.06 0.00	50.40 0.10 0.00	42.99 0.04 0.00	41.31 0.17 0.00	38.74 0.23 0.00

STATE_CA_115KV_115_LB 55624	35.08 0.42 0.00	33.53 0.40 0.00	31.61 0.41 0.00	31.20 0.43 0.00	31.25 0.40 0.00	33.06 0.42 0.00	41.31 0.49 0.00	47.40 0.48 0.90	50.31 0.55 0.00	47.53 0.42 0.00	49.10 0.34 0.00	47.96 0.24 0.00	46.95 0.28 0.00	46.98 0.33 0.00	46.67 0.37 0.00	47.59 0.24 0.00	51.72 0.31 0.00	60.09 0.24 0.00	66.43 0.20 0.00	64.83 0.19 0.00	50.50 0.20 0.00	42.95 0.17 0.18	40.72 0.04 0.46	37.86 -0.12 0.53
STATE_ST_34_KV_LOAD 55959	34.63 -0.03 0.00	33.10 -0.03 0.00	31.08 -0.12 0.00	30.67 -0.09 0.00	30.75 -0.09 0.00	32.57 -0.07 0.00	40.86 0.04 0.00	44.91 0.05 2.96	51.30 0.15 -1.39	49.85 0.05 -2.69	51.83 0.05 -3.02	50.61 0.00 -2.88	47.92 0.00 -1.24	47.90 0.00 -1.25	47.34 0.00 -1.04	48.59 0.09 -1.15	52.71 0.15 -1.15	64.01 0.48 -3.68	71.04 0.73 -4.08	69.33 0.71 -3.98	53.82 0.40 -3.12	43.60 0.09 -0.57	41.44 0.08 -0.22	38.37 0.15 0.28
STATION_5_MISC_HYD 23604	34.39 -0.28 0.00	33.06 -0.07 0.00	30.93 -0.28 0.00	30.55 -0.21 0.00	30.63 -0.21 0.00	32.34 -0.29 0.00	40.41 -0.41 0.00	48.09 -1.34 -1.61	51.18 -1.29 -2.71	51.14 -1.23 -5.25	53.34 -1.31 -5.90	51.97 -1.39 -5.63	47.65 -1.45 -2.43	47.74 -1.35 -2.43	47.03 -1.30 -2.03	48.41 -1.18 -2.24	52.00 -1.59 -2.18	65.36 -1.56 -7.06	72.66 -1.39 -7.83	70.85 -1.42 -7.64	54.83 -1.41 -5.94	44.09 -1.33 -2.47	44.01 -1.19 -4.07	41.62 -0.54 -3.66
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	34.39 -0.28 0.00	33.03 -0.10 0.00	30.90 -0.31 0.00	30.52 -0.25 0.00	30.63 -0.22 0.00	32.37 -0.26 0.00	40.50 -0.33 0.00	47.21 -0.81 -0.21	51.33 -0.75 -2.31	50.88 -0.71 -4.48	53.06 -0.73 -5.04	51.72 -0.81 -4.80	47.90 -0.84 -2.07	47.90 -0.84 -2.08	47.24 -0.79 -1.73	48.60 -0.66 -1.91	52.50 -0.82 -1.91	65.32 -0.60 -6.07	72.56 -0.40 -6.72	70.81 -0.39 -6.56	54.89 -0.60 -5.20	44.17 -0.73 -1.95	43.58 -0.58 -3.01	40.76 -0.31 -2.57
STA_56_34_KV_BUS2_REV_LBMP_B 345033	34.18 -0.49 0.00	32.86 -0.27 0.00	30.74 -0.47 0.00	30.34 -0.43 0.00	30.45 -0.40 0.00	32.14 -0.49 0.00	40.17 -0.65 0.00	47.78 -1.58 -1.54	50.87 -1.59 -2.69	50.87 -1.46 -5.23	53.17 -1.46 -5.87	51.80 -1.53 -5.60	47.55 -1.54 -2.41	47.59 -1.49 -2.42	46.93 -1.39 -2.02	48.25 -1.33 -2.23	51.94 -1.70 -2.23	65.22 -1.68 -7.04	72.44 -1.59 -7.80	70.63 -1.62 -7.62	54.80 -1.56 -6.06	43.98 -1.50 -2.53	44.13 -1.19 -4.19	41.51 -0.77 -3.77
STA_56___34_KV_BUS2 355983	34.18 -0.49 0.00	32.86 -0.27 0.00	30.74 -0.47 0.00	30.34 -0.43 0.00	30.45 -0.40 0.00	32.14 -0.49 0.00	40.17 -0.65 0.00	47.78 -1.58 -1.54	50.87 -1.59 -2.69	50.87 -1.46 -5.23	53.17 -1.46 -5.87	51.80 -1.53 -5.60	47.55 -1.54 -2.41	47.59 -1.49 -2.42	46.93 -1.39 -2.02	48.25 -1.33 -2.23	51.94 -1.70 -2.23	65.22 -1.68 -7.04	72.44 -1.59 -7.80	70.63 -1.62 -7.62	54.80 -1.56 -6.06	43.98 -1.50 -2.53	44.13 -1.19 -4.19	41.51 -0.77 -3.77
STA_67___115KV_BK2 355882	34.32 -0.35 0.00	33.03 -0.10 0.00	30.87 -0.34 0.00	30.46 -0.31 0.00	30.60 -0.25 0.00	32.24 -0.39 0.00	40.33 -0.49 0.00	47.96 -1.48 -1.63	51.03 -1.44 -2.71	51.05 -1.32 -5.26	53.26 -1.41 -5.91	51.93 -1.43 -5.64	47.61 -1.49 -2.43	47.65 -1.45 -2.44	46.99 -1.34 -2.04	48.31 -1.28 -2.24	52.01 -1.65 -2.24	65.31 -1.62 -7.08	72.55 -1.52 -7.84	70.80 -1.49 -7.65	54.94 -1.46 -6.10	44.06 -1.46 -2.57	44.28 -1.11 -4.25	41.73 -0.62 -3.84
STA_7___115KV_9TRANS 80674	34.49 -0.17 0.00	33.20 0.07 0.00	31.02 -0.19 0.00	30.61 -0.15 0.00	30.75 -0.09 0.00	32.44 -0.20 0.00	40.58 -0.24 0.00	48.33 -1.10 -1.61	51.43 -1.05 -2.71	51.42 -0.94 -5.25	53.63 -1.02 -5.90	52.26 -1.10 -5.63	47.93 -1.17 -2.43	47.97 -1.12 -2.43	47.36 -0.97 -2.03	48.69 -0.90 -2.24	52.41 -1.23 -2.24	65.78 -1.14 -7.07	73.00 -1.06 -7.83	71.17 -1.10 -7.64	55.23 -1.16 -6.09	44.39 -1.12 -2.56	44.56 -0.82 -4.24	41.95 -0.39 -3.82
STA_82___115KV_TB1 80780	34.32 -0.35 0.00	33.03 -0.10 0.00	30.87 -0.34 0.00	30.46 -0.31 0.00	30.60 -0.25 0.00	32.27 -0.36 0.00	40.33 -0.49 0.00	47.93 -1.43 -1.54	51.00 -1.44 -2.68	51.00 -1.32 -5.21	53.19 -1.41 -5.85	51.87 -1.43 -5.58	47.59 -1.49 -2.40	47.62 -1.45 -2.41	46.97 -1.34 -2.01	48.34 -1.23 -2.22	51.98 -1.65 -2.22	65.29 -1.56 -7.00	72.53 -1.46 -7.76	70.72 -1.49 -7.57	54.88 -1.46 -6.04	44.06 -1.42 -2.53	44.25 -1.07 -4.17	41.65 -0.62 -3.76
STEEL___WIND 323596	34.08 -0.59 0.00	32.96 -0.16 0.00	30.58 -0.62 0.00	30.27 -0.49 0.00	30.38 -0.46 0.00	32.01 -0.62 0.00	39.84 -0.98 0.00	45.68 -1.91 0.22	49.64 -2.09 -1.96	48.95 -1.98 -3.82	50.86 -2.19 -4.30	49.68 -2.15 -4.10	46.24 -2.19 -1.75	46.46 -1.96 -1.76	45.82 -1.94 -1.47	47.07 -1.90 -1.62	50.27 -2.62 -1.48	61.94 -2.75 -4.85	69.42 -2.18 -5.37	67.49 -2.39 -5.25	52.00 -2.36 -4.07	42.23 -2.10 -1.38	41.45 -1.69 -2.00	39.91 -0.15 -1.56
STEPHTWN_115KV_BK_2 55603	35.22 0.55 0.00	33.63 0.50 0.00	31.74 0.53 0.00	31.32 0.55 0.00	31.37 0.52 0.00	33.19 0.55 0.00	41.48 0.65 0.00	47.58 0.67 0.90	50.51 0.75 0.00	47.63 0.52 0.00	49.20 0.44 0.00	48.01 0.29 0.00	47.00 0.33 0.00	47.03 0.37 0.00	46.71 0.42 0.00	47.68 0.33 0.00	51.87 0.46 0.00	60.27 0.42 0.00	66.69 0.46 0.00	65.09 0.45 0.00	50.65 0.35 0.00	43.07 0.30 0.18	40.84 0.16 0.46	38.01 0.04 0.53
STEBEN_REC_LFGE 323667	34.39 -0.28 0.00	33.10 -0.03 0.00	30.80 -0.41 0.00	30.43 -0.34 0.00	30.63 -0.22 0.00	32.40 -0.23 0.00	40.58 -0.24 0.00	44.38 -0.29 3.15	49.89 -0.60 -0.73	47.77 -0.75 -1.41	49.18 -1.17 -1.59	47.95 -1.29 -1.51	46.02 -1.31 -0.65	46.05 -1.26 -0.65	45.68 -1.16 -0.55	46.96 -0.99 -0.60	50.98 -1.03 -0.60	61.42 -0.30 -1.87	68.70 0.40 -2.07	66.98 0.32 -2.02	51.79 -0.15 -1.64	42.37 -0.52 0.07	40.19 -0.12 0.83	37.80 0.54 1.24
STILLWATER___SOLAR 323814	35.85 1.18 0.00	34.16 1.03 0.00	32.21 1.00 0.00	31.75 0.98 0.00	31.83 0.99 0.00	33.68 1.04 0.00	42.17 1.35 0.00	48.47 1.53 0.87	51.31 1.54 0.00	48.57 1.46 0.00	50.22 1.46 0.00	49.06 1.33 0.00	47.98 1.31 0.00	48.01 1.35 0.00	47.64 1.34 0.00	48.77 1.42 0.00	53.00 1.60 0.00	61.64 1.79 0.00	68.35 2.12 0.00	66.64 2.01 0.00	51.80 1.51 0.00	44.11 1.33 0.17	41.85 1.15 0.44	38.84 0.85 0.51
STONY___BROOK 24151	36.02 1.35 0.00	33.99 0.86 0.00	31.80 0.59 0.00	31.41 0.65 0.00	31.31 0.46 0.00	33.71 1.08 0.00	41.26 0.45 0.01	46.83 0.43 1.42	50.35 0.60 0.01	47.90 0.80 0.01	50.07 1.32 0.00	48.92 1.19 0.00	48.21 1.54 0.00	48.39 1.73 0.00	47.96 1.66 0.00	48.67 1.32 0.00	53.21 1.80 0.00	61.52 1.67 0.00	67.69 1.46 0.00	65.86 1.22 0.00	51.80 1.51 0.00	44.08 1.37 0.25	41.90 1.40 0.64	39.03 1.27 0.74
STURGEON_POOL_HYD 23609	36.16 1.49 0.00	34.39 1.26 0.00	32.27 1.06 0.00	31.84 1.08 0.00	31.83 0.99 0.00	33.84 1.21 0.00	42.13 1.31 0.00	48.22 1.63 1.23	51.41 1.64 0.00	48.85 1.74 0.00	50.75 2.00 0.00	49.68 1.96 0.00	48.72 2.05 0.00	48.75 2.10 0.00	48.33 2.04 0.00	49.20 1.85 0.00	53.57 2.16 0.00	62.42 2.57 0.00	69.01 2.78 0.00	67.22 2.59 0.00	52.36 2.06 0.00	44.51 1.80 0.24	41.91 1.40 0.63	38.82 1.04 0.73

ST_LAW_115_BK7_LBMP 345037	34.67 0.00 0.00	33.20 0.07 0.00	31.30 0.09 0.00	30.80 0.03 0.00	30.91 0.06 0.00	32.70 0.07 0.00	40.95 0.12 0.00	47.96 0.14 0.00	49.92 0.15 0.00	47.30 0.19 0.00	48.95 0.20 0.00	48.01 0.29 0.00	46.86 0.19 0.00	46.80 0.14 0.00	46.39 0.09 0.00	47.49 0.14 0.00	51.56 0.15 0.00	59.97 0.12 0.00	66.30 0.07 0.00	64.70 0.06 0.00	50.40 0.10 0.00	42.99 0.04 0.00	41.31 0.17 0.00	38.74 0.23 0.00
ST_LAW_115_BK8_LBMP 345038	34.67 0.00 0.00	33.20 0.07 0.00	31.30 0.09 0.00	30.80 0.03 0.00	30.91 0.06 0.00	32.70 0.07 0.00	40.95 0.12 0.00	47.96 0.14 0.00	49.92 0.15 0.00	47.30 0.19 0.00	48.95 0.20 0.00	48.01 0.29 0.00	46.86 0.19 0.00	46.80 0.14 0.00	46.39 0.09 0.00	47.49 0.14 0.00	51.56 0.15 0.00	59.97 0.12 0.00	66.30 0.07 0.00	64.70 0.06 0.00	50.40 0.10 0.00	42.99 0.04 0.00	41.31 0.17 0.00	38.74 0.23 0.00
ST_LAW_230_BK5_LBMP 345035	34.67 0.00 0.00	33.20 0.07 0.00	31.27 0.06 0.00	30.80 0.03 0.00	30.91 0.06 0.00	32.70 0.07 0.00	40.90 0.08 0.00	47.91 0.10 0.00	49.92 0.15 0.00	47.25 0.14 0.00	48.90 0.15 0.00	47.97 0.24 0.00	46.86 0.19 0.00	46.80 0.14 0.00	46.39 0.09 0.00	47.49 0.14 0.00	51.56 0.15 0.00	59.97 0.12 0.00	66.30 0.07 0.00	64.70 0.06 0.00	50.40 0.10 0.00	42.99 0.04 0.00	41.31 0.17 0.00	38.74 0.23 0.00
ST_LAW_230_BK6_LBMP 345036	34.67 0.00 0.00	33.20 0.07 0.00	31.27 0.06 0.00	30.80 0.03 0.00	30.91 0.06 0.00	32.70 0.07 0.00	40.90 0.08 0.00	47.91 0.10 0.00	49.92 0.15 0.00	47.25 0.14 0.00	48.90 0.15 0.00	47.97 0.24 0.00	46.86 0.19 0.00	46.80 0.14 0.00	46.39 0.09 0.00	47.49 0.14 0.00	51.56 0.15 0.00	59.97 0.12 0.00	66.30 0.07 0.00	64.70 0.06 0.00	50.40 0.10 0.00	42.99 0.04 0.00	41.31 0.17 0.00	38.74 0.23 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	36.09 1.42 0.00	34.32 1.19 0.00	32.21 1.00 0.00	31.78 1.02 0.00	31.77 0.93 0.00	33.81 1.17 0.00	42.13 1.31 0.00	48.03 1.67 1.46	51.46 1.69 0.00	48.85 1.74 0.00	50.66 1.90 0.00	49.59 1.86 0.00	48.54 1.87 0.00	48.57 1.91 0.00	48.19 1.90 0.00	49.05 1.70 0.00	53.41 2.00 0.00	62.24 2.39 0.00	68.88 2.65 0.00	67.09 2.46 0.00	52.26 1.96 0.00	44.30 1.63 0.29	41.67 1.28 0.75	38.57 0.92 0.86
SWANROAD_115KV_TB1 355699	33.45 -1.21 0.00	32.40 -0.73 0.00	30.02 -1.19 0.00	29.63 -1.14 0.00	29.83 -1.02 0.00	31.29 -1.34 0.00	38.86 -1.96 0.00	44.38 -3.73 -0.29	47.60 -4.33 -2.16	47.69 -3.63 -4.21	49.49 -4.00 -4.73	48.37 -3.87 -4.51	44.74 -3.78 -1.94	44.82 -3.78 -1.94	43.94 -3.98 -1.62	45.59 -3.55 -1.79	48.26 -4.94 -1.79	60.03 -5.27 -5.45	67.10 -5.17 -6.03	65.09 -5.43 -5.89	50.50 -4.68 -4.88	40.81 -3.99 -1.86	41.25 -2.80 -2.90	39.82 -1.19 -2.51
SYNERGY___BIOGAS 323694	34.49 -0.17 0.00	33.36 0.23 0.00	30.99 -0.22 0.00	30.61 -0.15 0.00	30.82 -0.03 0.00	32.40 -0.23 0.00	40.46 -0.37 0.00	46.99 -1.58 -0.75	50.28 -1.84 -2.35	50.13 -1.55 -4.57	51.95 -1.95 -5.14	50.62 -2.00 -4.90	46.73 -2.05 -2.11	46.81 -1.96 -2.12	46.03 -2.04 -1.77	47.59 -1.70 -1.95	50.84 -2.52 -1.95	63.53 -2.33 -6.02	70.92 -1.99 -6.67	69.08 -2.07 -6.51	53.49 -2.11 -5.31	43.08 -1.98 -2.10	43.31 -1.19 -3.37	41.39 -0.08 -2.96
SYRACUSE___ENERGY_ST1 323597	34.42 -0.24 0.00	32.90 -0.23 0.00	30.93 -0.28 0.00	30.49 -0.28 0.00	30.60 -0.25 0.00	32.37 -0.26 0.00	40.58 -0.24 0.00	45.03 -0.19 2.60	51.29 -0.10 -1.63	50.17 -0.09 -3.16	52.21 -0.10 -3.55	50.97 -0.14 -3.38	48.04 -0.09 -1.46	47.98 -0.14 -1.46	47.42 -0.09 -1.22	48.60 -0.09 -1.35	52.65 -0.10 -1.35	64.25 0.06 -4.34	71.17 0.13 -4.81	69.46 0.13 -4.69	53.96 0.00 -3.66	43.66 -0.13 -0.84	41.73 -0.12 -0.71	38.61 -0.08 -0.19
SYRACUSE___ENERGY_ST2 323598	34.42 -0.24 0.00	32.90 -0.23 0.00	30.93 -0.28 0.00	30.49 -0.28 0.00	30.60 -0.25 0.00	32.37 -0.26 0.00	40.58 -0.24 0.00	45.03 -0.19 2.60	51.29 -0.10 -1.63	50.17 -0.09 -3.16	52.21 -0.10 -3.55	50.97 -0.14 -3.38	48.04 -0.09 -1.46	47.98 -0.14 -1.46	47.42 -0.09 -1.22	48.60 -0.09 -1.35	52.65 -0.10 -1.35	64.25 0.06 -4.34	71.17 0.13 -4.81	69.46 0.13 -4.69	53.96 0.00 -3.66	43.66 -0.13 -0.84	41.73 -0.12 -0.71	38.61 -0.08 -0.19
SYRACUSE___POWER 24017	34.39 -0.28 0.00	32.86 -0.27 0.00	30.87 -0.34 0.00	30.46 -0.31 0.00	30.54 -0.31 0.00	32.34 -0.29 0.00	40.54 -0.29 0.00	42.04 -0.24 5.54	50.03 -0.15 -0.41	47.72 -0.19 -0.80	49.47 -0.20 -0.90	48.40 -0.19 -0.86	46.86 -0.19 -0.37	46.80 -0.23 -0.37	46.42 -0.19 -0.31	47.55 -0.14 -0.34	51.60 -0.15 -0.34	60.89 -0.06 -1.10	67.52 0.07 -1.22	65.89 0.06 -1.19	51.18 -0.05 -0.93	41.99 -0.21 0.74	38.65 -0.16 2.33	35.55 -0.12 2.84
TALLMAN__138KV_BK151 55660	36.16 1.49 0.00	34.35 1.23 0.00	32.24 1.03 0.00	31.81 1.05 0.00	31.77 0.93 0.00	33.87 1.24 0.00	42.21 1.39 0.00	48.20 1.77 1.39	51.51 1.74 0.00	48.95 1.84 0.00	50.81 2.05 0.00	49.73 2.00 0.00	48.64 1.96 0.00	48.71 2.05 0.00	48.33 2.04 0.00	49.15 1.80 0.00	53.52 2.11 0.00	62.36 2.51 0.00	68.95 2.72 0.00	67.16 2.52 0.00	52.31 2.01 0.00	44.35 1.68 0.27	41.74 1.32 0.71	38.61 0.92 0.82
TEALLAVE_115KV_TB7 355573	34.25 -0.42 0.00	32.76 -0.36 0.00	30.77 -0.44 0.00	30.37 -0.40 0.00	30.45 -0.40 0.00	32.21 -0.42 0.00	40.37 -0.45 0.00	43.05 -0.43 4.34	50.19 -0.35 -0.77	48.28 -0.33 -1.50	50.15 -0.29 -1.69	49.00 -0.33 -1.61	47.04 -0.33 -0.69	47.03 -0.33 -0.70	46.55 -0.32 -0.58	47.71 -0.28 -0.64	51.69 -0.36 -0.64	61.61 -0.30 -2.06	68.25 -0.26 -2.29	66.67 -0.19 -2.23	51.79 -0.25 -1.74	42.40 -0.34 0.21	39.60 -0.29 1.25	36.53 -0.23 1.74
TELGRAPH_34_KV_EAST 80808	34.08 -0.59 0.00	32.96 -0.17 0.00	30.62 -0.59 0.00	30.21 -0.55 0.00	30.41 -0.43 0.00	31.95 -0.69 0.00	39.80 -1.02 0.00	45.79 -2.58 -0.56	49.11 -2.94 -2.28	48.99 -2.54 -4.42	50.85 -2.88 -4.97	49.65 -2.82 -4.74	45.87 -2.85 -2.04	45.95 -2.75 -2.05	45.13 -2.87 -1.71	46.72 -2.51 -1.88	49.74 -3.55 -1.88	61.98 -3.65 -5.79	69.27 -3.38 -6.41	67.34 -3.55 -6.26	52.16 -3.27 -5.13	42.07 -2.88 -2.00	42.38 -1.93 -3.18	40.70 -0.58 -2.77
TEMPLE___115KV_TB 2 55572	34.29 -0.38 0.00	32.76 -0.36 0.00	30.80 -0.41 0.00	30.37 -0.40 0.00	30.48 -0.37 0.00	32.24 -0.39 0.00	40.37 -0.45 0.00	42.51 -0.38 4.93	50.05 -0.30 -0.58	47.91 -0.33 -1.13	49.74 -0.29 -1.27	48.61 -0.33 -1.21	46.92 -0.28 -0.52	46.86 -0.33 -0.53	46.46 -0.28 -0.44	47.55 -0.28 -0.48	51.58 -0.31 -0.48	61.16 -0.24 -1.55	67.75 -0.20 -1.72	66.12 -0.19 -1.68	51.36 -0.25 -1.31	42.12 -0.34 0.48	39.06 -0.29 1.80	36.02 -0.19 2.29
TIANA____69_KV_BK 1 55817	35.71 1.04 0.00	33.76 0.63 0.00	31.68 0.47 0.00	31.32 0.55 0.00	31.06 0.22 0.00	33.51 0.88 0.00	40.94 0.12 0.01	46.59 0.19 1.42	50.00 0.25 0.01	47.81 0.71 0.01	50.17 1.41 0.00	48.97 1.24 0.00	48.26 1.59 0.00	48.43 1.77 0.00	48.01 1.71 0.00	48.68 1.33 0.00	53.31 1.90 0.00	62.00 2.15 0.00	68.22 1.99 0.00	66.38 1.75 0.00	51.81 1.51 0.00	43.86 1.16 0.25	41.02 0.53 0.65	38.76 1.00 0.75

TILDEN___115KV_TB1 80814	34.39 -0.28 0.00	32.86 -0.27 0.00	30.87 -0.34 0.00	30.46 -0.31 0.00	30.54 -0.31 0.00	32.34 -0.29 0.00	40.54 -0.29 0.00	42.04 -0.24 5.54	50.03 -0.15 -0.41	47.72 -0.19 -0.80	49.47 -0.20 -0.90	48.40 -0.19 -0.86	46.86 -0.19 -0.37	46.80 -0.23 -0.37	46.42 -0.19 -0.31	47.55 -0.14 -0.34	51.60 -0.15 -0.34	60.89 -0.06 -1.10	67.52 0.07 -1.22	65.89 0.06 -1.19	51.18 -0.05 -0.93	41.99 -0.21 0.74	38.65 -0.16 2.33	35.55 -0.12 2.84
TRIGEN___CC 323695	35.91 1.25 0.00	34.06 0.93 0.00	31.96 0.75 0.00	31.57 0.80 0.00	31.40 0.56 0.00	33.71 1.08 0.00	41.55 0.73 0.01	47.46 0.96 1.31	50.70 0.95 0.01	48.28 1.18 0.01	50.42 1.66 0.00	49.25 1.53 0.00	48.45 1.77 0.00	48.57 1.91 0.00	48.15 1.85 0.00	48.86 1.52 0.00	53.36 1.95 0.00	62.12 2.27 0.00	68.48 2.25 0.00	66.70 2.07 0.00	51.96 1.66 0.00	44.03 1.33 0.25	41.39 0.91 0.65	38.76 1.00 0.75
TRINITY__115KV__4 BK 55933	35.01 0.35 0.00	33.43 0.30 0.00	31.52 0.31 0.00	31.10 0.34 0.00	31.15 0.31 0.00	32.99 0.36 0.00	41.19 0.37 0.00	47.25 0.33 0.90	50.16 0.40 0.00	47.34 0.24 0.00	48.95 0.20 0.00	47.77 0.05 0.00	46.81 0.14 0.00	46.80 0.14 0.00	46.48 0.19 0.00	47.44 0.09 0.00	51.56 0.15 0.00	59.85 0.00 0.00	66.23 0.00 0.00	64.63 0.00 0.00	50.35 0.05 0.00	42.86 0.09 0.18	40.59 -0.08 0.46	37.78 -0.19 0.53
UNION___PROCESSING_DRP 323587	34.32 -0.35 0.00	33.03 -0.10 0.00	30.87 -0.34 0.00	30.46 -0.31 0.00	30.60 -0.25 0.00	32.27 -0.36 0.00	40.37 -0.45 0.00	47.90 -1.43 -1.52	51.00 -1.44 -2.67	50.98 -1.32 -5.19	53.18 -1.41 -5.83	51.86 -1.43 -5.57	47.58 -1.49 -2.40	47.62 -1.45 -2.41	47.01 -1.30 -2.01	48.33 -1.23 -2.21	51.98 -1.65 -2.21	65.27 -1.56 -6.98	72.51 -1.46 -7.74	70.70 -1.49 -7.55	54.86 -1.46 -6.02	44.05 -1.42 -2.52	44.22 -1.07 -4.15	41.63 -0.62 -3.74
UPPER HUDSON___HYD 24058	35.53 0.87 0.00	33.89 0.76 0.00	31.99 0.78 0.00	31.50 0.74 0.00	31.59 0.74 0.00	33.41 0.78 0.00	41.88 1.06 0.00	48.19 1.24 0.87	50.96 1.19 0.00	48.24 1.13 0.00	49.93 1.17 0.00	48.73 1.00 0.00	47.61 0.93 0.00	47.64 0.98 0.00	47.31 1.02 0.00	48.44 1.09 0.00	52.64 1.23 0.00	61.28 1.43 0.00	68.02 1.79 0.00	66.31 1.68 0.00	51.45 1.16 0.00	43.77 0.99 0.17	41.56 0.87 0.44	38.53 0.54 0.51
UPPER RAQUET___HYD 24056	35.15 0.49 0.00	33.76 0.63 0.00	31.87 0.66 0.00	31.26 0.49 0.00	31.43 0.58 0.00	33.28 0.65 0.00	41.84 1.02 0.00	49.42 1.15 -0.46	51.26 1.09 -0.40	48.83 0.94 -0.78	50.56 0.92 -0.88	49.71 1.14 -0.84	48.02 0.98 -0.36	47.86 0.84 -0.36	47.34 0.74 -0.30	48.63 0.95 -0.33	52.67 0.93 -0.33	61.40 0.48 -1.08	68.02 0.59 -1.19	66.45 0.65 -1.17	51.81 0.61 -0.91	44.32 0.94 -0.42	42.99 1.11 -0.74	40.28 1.08 -0.69
VALLEY44_115KV_TB2 355964	33.66 -1.01 0.00	32.40 -0.73 0.00	30.05 -1.15 0.00	29.69 -1.08 0.00	29.92 -0.93 0.00	31.62 -1.01 0.00	39.68 -1.14 0.00	46.73 -0.19 0.89	51.26 -0.25 -1.74	50.23 -0.28 -3.40	52.09 -0.49 -3.82	50.94 -0.43 -3.64	47.63 -0.61 -1.56	47.71 -0.51 -1.56	47.28 -0.32 -1.31	48.41 -0.38 -1.44	52.23 -0.62 -1.44	63.66 -0.30 -4.12	71.12 0.33 -4.56	69.29 0.19 -4.46	53.89 -0.35 -3.95	43.66 -0.60 -1.31	42.96 -0.04 -1.86	40.70 0.77 -1.43
VALLEY___115KV_TB 1-4 80826	35.29 0.62 0.00	33.73 0.60 0.00	31.80 0.59 0.00	31.29 0.52 0.00	31.43 0.59 0.00	33.28 0.65 0.00	41.68 0.86 0.00	48.87 1.05 0.00	50.86 1.09 0.00	48.10 0.99 0.00	49.83 1.07 0.00	48.82 1.10 0.00	47.75 1.07 0.00	47.73 1.07 0.00	47.41 1.11 0.00	48.53 1.18 0.00	52.64 1.23 0.00	61.34 1.50 0.00	67.95 1.72 0.00	66.38 1.75 0.00	51.60 1.31 0.00	44.20 1.25 0.00	42.25 1.11 0.00	39.51 1.00 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	35.95 1.28 0.00	34.32 1.19 0.00	32.36 1.15 0.00	31.81 1.05 0.00	31.93 1.08 0.00	33.77 1.14 0.00	42.29 1.47 0.00	46.00 1.86 3.68	51.29 1.94 0.42	48.04 1.74 0.81	49.65 1.80 0.91	48.67 1.81 0.87	48.03 1.73 0.38	47.96 1.68 0.38	47.69 1.71 0.31	48.80 1.80 0.35	52.96 1.90 0.35	61.06 2.27 1.06	67.71 2.65 1.17	66.01 2.52 1.14	51.31 1.96 0.94	43.60 1.72 1.07	40.16 1.44 2.42	37.11 1.23 2.62
VISCHER___FERRY HYD 24020	35.64 0.97 0.00	33.96 0.83 0.00	31.99 0.78 0.00	31.56 0.80 0.00	31.62 0.77 0.00	33.48 0.85 0.00	41.88 1.06 0.00	48.04 1.10 0.88	50.91 1.15 0.00	48.24 1.13 0.00	49.88 1.12 0.00	48.73 1.00 0.00	47.75 1.07 0.00	47.73 1.07 0.00	47.41 1.11 0.00	48.39 1.04 0.00	52.64 1.23 0.00	61.16 1.31 0.00	67.69 1.46 0.00	66.12 1.49 0.00	51.40 1.11 0.00	43.77 0.99 0.17	41.56 0.87 0.45	38.57 0.58 0.51
V_A_10_SYNC_DSASP 323832	33.97 -0.69 0.00	32.83 -0.30 0.00	30.49 -0.72 0.00	30.09 -0.68 0.00	30.29 -0.56 0.00	31.78 -0.85 0.00	39.52 -1.31 0.00	45.05 -3.54 -0.77	48.34 -3.78 -2.36	48.24 -3.44 -4.57	50.19 -3.71 -5.13	49.00 -3.63 -4.90	45.24 -3.55 -2.11	45.33 -3.45 -2.12	44.69 -3.38 -1.77	45.99 -3.31 -1.95	49.30 -4.06 -1.95	61.40 -4.43 -5.98	68.48 -4.37 -6.62	66.57 -4.52 -6.46	51.68 -3.92 -5.30	41.58 -3.48 -2.11	41.84 -2.67 -3.38	39.94 -1.54 -2.98
V_CMM_10_SYNC_DSASP 323787	34.77 0.10 0.00	33.33 0.20 0.00	31.40 0.19 0.00	30.92 0.15 0.00	31.03 0.19 0.00	32.79 0.16 0.00	41.11 0.29 0.00	48.06 0.24 0.00	49.96 0.20 0.00	47.39 0.28 0.00	49.00 0.24 0.00	48.11 0.38 0.00	46.95 0.28 0.00	46.89 0.23 0.00	46.43 0.14 0.00	47.59 0.24 0.00	51.67 0.26 0.00	60.09 0.24 0.00	66.36 0.13 0.00	64.76 0.13 0.00	50.50 0.20 0.00	43.17 0.21 0.00	41.47 0.33 0.00	38.89 0.39 0.00
V_CMP_10_SYNC_DSASP 323788	35.05 0.38 0.00	33.73 0.60 0.00	31.83 0.62 0.00	31.35 0.58 0.00	31.56 0.71 0.00	33.38 0.75 0.00	41.44 0.61 0.00	48.06 0.24 0.00	50.12 0.35 0.00	47.53 0.42 0.00	49.25 0.49 0.00	48.39 0.67 0.00	47.14 0.47 0.00	47.03 0.37 0.00	46.53 0.23 0.00	47.73 0.38 0.00	51.87 0.46 0.00	60.27 0.42 0.00	66.43 0.20 0.00	64.83 0.19 0.00	50.55 0.25 0.00	43.08 0.13 0.00	41.72 0.58 0.00	39.85 1.35 0.00
V_D_10_SYNC_DSASP 323841	34.94 0.28 0.00	33.53 0.40 0.00	31.58 0.38 0.00	31.04 0.28 0.00	31.19 0.34 0.00	32.96 0.33 0.00	41.35 0.53 0.00	48.39 0.58 0.00	50.41 0.65 0.00	47.77 0.66 0.00	49.44 0.68 0.00	48.54 0.81 0.00	47.33 0.65 0.00	47.26 0.60 0.00	46.81 0.51 0.00	47.96 0.61 0.00	52.08 0.67 0.00	60.51 0.66 0.00	66.83 0.59 0.00	65.28 0.65 0.00	50.90 0.61 0.00	43.42 0.47 0.00	41.72 0.58 0.00	39.12 0.61 0.00
V_E_10_SYNC_DSASP 323830	36.30 1.63 0.00	34.72 1.59 0.00	32.65 1.44 0.00	32.00 1.23 0.00	32.24 1.39 0.00	34.23 1.60 0.00	43.15 2.33 5.09	45.59 2.87 0.00	52.70 2.94 0.00	49.37 2.26 0.00	50.90 2.14 0.00	49.88 2.15 0.00	48.78 2.10 0.00	48.66 2.00 0.00	48.38 2.09 0.00	49.95 2.60 0.00	54.29 2.88 0.00	63.80 3.95 0.00	71.20 4.97 0.00	69.55 4.91 0.00	53.92 3.62 0.00	45.01 3.05 0.99	41.09 2.55 2.60	37.94 2.43 2.99



V_F_30_NSYNC___DSASP 323816	35.88 1.21 0.00	34.19 1.06 0.00	32.27 1.06 0.00	31.81 1.05 0.00	31.86 1.02 0.00	33.71 1.08 0.00	42.21 1.39 0.00	48.52 1.58 0.87	51.36 1.59 0.00	48.62 1.51 0.00	50.32 1.56 0.00	49.16 1.43 0.00	48.03 1.35 0.00	48.06 1.40 0.00	47.73 1.44 0.00	48.82 1.47 0.00	53.05 1.64 0.00	61.70 1.86 0.00	68.41 2.18 0.00	66.76 2.13 0.00	51.86 1.56 0.00	44.16 1.37 0.17	41.89 1.19 0.44	38.92 0.92 0.51
V_F_30_SYNC_DSASP 323786	35.08 0.42 0.00	33.53 0.40 0.00	31.61 0.41 0.00	31.20 0.43 0.00	31.25 0.40 0.00	33.06 0.42 0.00	41.31 0.49 0.00	47.40 0.48 0.90	50.31 0.55 0.00	47.53 0.42 0.00	49.10 0.34 0.00	47.96 0.24 0.00	46.95 0.28 0.00	46.98 0.33 0.00	46.67 0.37 0.00	47.59 0.24 0.00	51.72 0.31 0.00	60.09 0.24 0.00	66.43 0.20 0.00	64.83 0.19 0.00	50.50 0.20 0.00	42.95 0.17 0.18	40.72 0.04 0.46	37.86 -0.12 0.53
V_XM_10_SYNC_DSASP 323789	35.05 0.38 0.00	33.73 0.60 0.00	31.83 0.62 0.00	31.35 0.58 0.00	31.56 0.71 0.00	33.38 0.75 0.00	41.44 0.61 0.00	48.06 0.24 0.00	50.12 0.35 0.00	47.53 0.42 0.00	49.25 0.49 0.00	48.39 0.67 0.00	47.14 0.47 0.00	47.03 0.37 0.00	46.53 0.23 0.00	47.73 0.38 0.00	51.87 0.46 0.00	60.27 0.42 0.00	66.43 0.20 0.00	64.83 0.19 0.00	50.55 0.25 0.00	43.08 0.13 0.00	41.72 0.58 0.00	39.85 1.35 0.00
W.BABYLN_69_KV_BK1 56697	36.19 1.53 0.00	34.26 1.13 0.00	32.15 0.94 0.00	31.78 1.02 0.00	31.56 0.71 0.00	34.00 1.37 0.00	41.75 0.94 0.01	47.57 1.15 1.40	50.95 1.19 0.01	48.61 1.51 0.01	50.95 2.19 0.00	49.73 2.00 0.00	48.96 2.29 0.00	49.18 2.52 0.00	48.75 2.45 0.00	49.48 2.13 0.00	54.03 2.62 0.00	62.96 3.11 0.00	69.34 3.11 0.00	67.48 2.84 0.00	52.66 2.36 0.00	44.55 1.85 0.25	41.76 1.28 0.65	39.22 1.46 0.75
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	36.30 1.63 0.00	34.49 1.36 0.00	32.36 1.15 0.00	31.90 1.14 0.00	31.89 1.05 0.00	34.10 1.47 0.00	42.50 1.67 0.00	48.59 2.15 1.37	51.96 2.19 0.00	49.32 2.21 0.00	51.24 2.49 0.00	50.11 2.39 0.00	49.06 2.38 0.00	49.13 2.47 0.00	48.75 2.45 0.00	49.58 2.23 0.00	53.77 2.36 0.00	62.60 2.75 0.00	69.28 3.05 0.00	67.48 2.84 0.00	52.51 2.21 0.00	44.57 1.89 0.27	41.91 1.48 0.71	38.77 1.08 0.81
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	36.37 1.70 0.00	34.59 1.46 0.00	32.43 1.22 0.00	32.00 1.23 0.00	31.96 1.11 0.00	34.07 1.44 0.00	42.37 1.55 0.00	48.51 1.96 1.27	51.66 1.89 0.00	49.13 2.03 0.00	51.05 2.29 0.00	49.97 2.24 0.00	48.96 2.29 0.00	48.99 2.33 0.00	48.61 2.31 0.00	49.43 2.08 0.00	53.83 2.42 0.00	62.60 2.75 0.00	69.28 3.05 0.00	67.41 2.78 0.00	52.51 2.21 0.00	44.59 1.89 0.25	42.05 1.56 0.65	38.95 1.19 0.75
W50THST__13_KV_LOAD 356117	36.50 1.84 0.00	34.69 1.56 0.00	32.55 1.34 0.00	32.12 1.35 0.00	32.05 1.20 0.00	34.20 1.57 0.00	42.54 1.71 0.00	48.70 2.15 1.27	51.91 2.14 0.00	49.42 2.31 0.00	51.29 2.54 0.00	50.21 2.48 0.00	49.20 2.52 0.00	49.27 2.61 0.00	48.89 2.59 0.00	49.72 2.37 0.00	54.08 2.67 0.00	62.90 3.05 0.00	69.54 3.31 0.00	67.67 3.04 0.00	52.76 2.46 0.00	44.76 2.06 0.25	42.21 1.73 0.65	39.06 1.31 0.75
WADING RIVER_IC_1 23522	35.57 0.90 0.00	33.59 0.46 0.00	31.40 0.19 0.00	31.04 0.28 0.00	30.91 0.06 0.00	33.28 0.65 0.00	40.73 -0.08 0.01	46.25 -0.14 1.42	49.70 -0.05 0.01	47.34 0.24 0.01	49.49 0.73 0.00	48.34 0.62 0.00	47.61 0.93 0.00	47.78 1.12 0.00	47.36 1.07 0.00	48.06 0.71 0.00	52.59 1.18 0.00	61.04 1.20 0.00	67.09 0.86 0.00	65.35 0.71 0.00	51.15 0.85 0.00	43.56 0.86 0.25	41.36 0.87 0.64	38.53 0.77 0.74
WADING RIVER_IC_2 23547	35.57 0.90 0.00	33.59 0.46 0.00	31.40 0.19 0.00	31.04 0.28 0.00	30.91 0.06 0.00	33.28 0.65 0.00	40.73 -0.08 0.01	46.25 -0.14 1.42	49.70 -0.05 0.01	47.34 0.24 0.01	49.49 0.73 0.00	48.34 0.62 0.00	47.61 0.93 0.00	47.78 1.12 0.00	47.36 1.07 0.00	48.06 0.71 0.00	52.59 1.18 0.00	61.04 1.20 0.00	67.09 0.86 0.00	65.35 0.71 0.00	51.15 0.85 0.00	43.56 0.86 0.25	41.36 0.87 0.64	38.53 0.77 0.74
WADING RIVER_IC_3 23601	35.57 0.90 0.00	33.59 0.46 0.00	31.40 0.19 0.00	31.04 0.28 0.00	30.91 0.06 0.00	33.28 0.65 0.00	40.73 -0.08 0.01	46.25 -0.14 1.42	49.70 -0.05 0.01	47.34 0.24 0.01	49.49 0.73 0.00	48.34 0.62 0.00	47.61 0.93 0.00	47.78 1.12 0.00	47.36 1.07 0.00	48.06 0.71 0.00	52.59 1.18 0.00	61.04 1.20 0.00	67.09 0.86 0.00	65.35 0.71 0.00	51.15 0.85 0.00	43.56 0.86 0.25	41.36 0.87 0.64	38.53 0.77 0.74
WALDENNY_12_KV_BK2 80841	34.11 -0.55 0.00	32.96 -0.17 0.00	30.55 -0.66 0.00	30.18 -0.58 0.00	30.41 -0.43 0.00	31.98 -0.65 0.00	39.84 -0.98 0.00	45.64 -2.01 0.17	49.46 -2.29 -1.98	49.04 -1.93 -3.86	50.91 -2.19 -4.34	49.77 -2.10 -4.14	46.35 -2.10 -1.77	46.43 -2.01 -1.78	45.84 -1.94 -1.48	47.19 -1.80 -1.64	50.42 -2.62 -1.64	62.06 -2.69 -4.91	69.35 -2.32 -5.44	67.43 -2.52 -5.32	52.32 -2.46 -4.48	42.30 -2.28 -1.62	42.20 -1.40 -2.46	40.33 -0.19 -2.02
WALDEN___HYDRO 24148	36.19 1.53 0.00	34.42 1.29 0.00	32.30 1.09 0.00	31.87 1.11 0.00	31.86 1.02 0.00	33.90 1.27 0.00	42.25 1.43 0.00	48.32 1.86 1.37	51.61 1.84 0.00	48.99 1.88 0.00	50.80 2.05 0.00	49.73 2.00 0.00	48.68 2.01 0.00	48.76 2.10 0.00	48.38 2.08 0.00	49.24 1.89 0.00	53.62 2.21 0.00	62.54 2.69 0.00	69.21 2.98 0.00	67.35 2.71 0.00	52.46 2.16 0.00	44.53 1.85 0.27	41.88 1.44 0.70	38.74 1.04 0.81
WARRENSBURG____ 23737	35.53 0.87 0.00	33.89 0.76 0.00	31.99 0.78 0.00	31.54 0.77 0.00	31.59 0.74 0.00	33.41 0.78 0.00	41.88 1.06 0.00	48.24 1.29 0.87	51.01 1.24 0.00	48.29 1.18 0.00	49.98 1.22 0.00	48.82 1.10 0.00	47.66 0.98 0.00	47.68 1.03 0.00	47.36 1.06 0.00	48.49 1.14 0.00	52.69 1.29 0.00	61.34 1.50 0.00	68.09 1.85 0.00	66.38 1.75 0.00	51.55 1.26 0.00	43.81 1.03 0.17	41.51 0.82 0.45	38.53 0.54 0.52
WATERSIDE___6 8 9 23538	36.55 1.87 -0.01	34.76 1.62 -0.01	32.59 1.37 -0.01	32.16 1.38 -0.01	32.12 1.26 -0.01	34.23 1.60 0.00	42.21 1.39 0.00	48.22 1.67 1.27	51.31 1.54 0.00	48.90 1.79 0.00	50.76 2.00 0.00	49.68 1.96 0.00	48.73 2.05 0.00	48.80 2.15 0.00	48.43 2.13 0.00	49.24 1.89 0.00	53.46 2.06 0.00	62.17 2.33 0.01	68.74 2.52 0.01	66.95 2.33 0.01	52.20 1.91 0.01	44.46 1.76 0.25	42.01 1.52 0.65	39.02 1.27 0.75
WATKINRD_115KV_LN8_ILLION 55919	35.15 0.49 0.00	33.56 0.43 0.00	31.65 0.44 0.00	31.17 0.40 0.00	31.28 0.43 0.00	33.12 0.49 0.00	41.43 0.61 0.00	48.58 0.77 0.00	50.56 0.80 0.00	47.86 0.75 0.00	49.54 0.78 0.00	48.54 0.81 0.00	47.47 0.79 0.00	47.45 0.79 0.00	47.13 0.83 0.00	48.20 0.85 0.00	52.33 0.93 0.00	60.92 1.08 0.00	67.49 1.26 0.00	65.86 1.23 0.00	51.25 0.96 0.00	43.85 0.90 0.00	41.92 0.78 0.00	39.20 0.69 0.00

WDELAWARE___HYD 323627	36.50 1.84 0.00	34.72 1.59 0.00	32.55 1.34 0.00	32.09 1.32 0.00	32.11 1.27 0.00	34.17 1.53 0.00	42.62 1.79 0.00	48.62 2.25 1.45	52.15 2.39 0.00	49.32 2.21 0.00	51.14 2.39 0.00	49.97 2.24 0.00	48.96 2.29 0.00	48.99 2.33 0.00	48.65 2.36 0.00	49.58 2.23 0.00	54.08 2.67 0.00	63.20 3.35 0.00	70.00 3.77 0.00	68.06 3.42 0.00	53.06 2.76 0.00	45.12 2.45 0.28	42.42 2.02 0.73	39.12 1.46 0.84
WEST BABYLON___IC 23714	36.19 1.53 0.00	34.26 1.13 0.00	32.15 0.94 0.00	31.78 1.02 0.00	31.56 0.71 0.00	34.00 1.37 0.00	41.75 0.94 0.01	47.57 1.15 1.40	50.95 1.19 0.01	48.61 1.51 0.01	50.95 2.19 0.00	49.73 2.00 0.00	48.96 2.29 0.00	49.18 2.52 0.00	48.75 2.45 0.00	49.48 2.13 0.00	54.03 2.62 0.00	62.96 3.11 0.00	69.34 3.11 0.00	67.48 2.84 0.00	52.66 2.36 0.00	44.55 1.85 0.25	41.76 1.28 0.65	39.22 1.46 0.75
WEST CANADA___HYD 24049	34.77 0.10 0.00	33.20 0.07 0.00	31.30 0.09 0.00	30.86 0.09 0.00	30.94 0.09 0.00	32.73 0.10 0.00	40.95 0.12 0.00	47.96 0.14 0.00	49.92 0.15 0.00	47.25 0.14 0.00	48.86 0.10 0.00	47.82 0.10 0.00	46.82 0.14 0.00	46.80 0.14 0.00	46.44 0.14 0.00	47.49 0.14 0.00	51.56 0.15 0.00	60.03 0.18 0.00	66.43 0.20 0.00	64.83 0.19 0.00	50.45 0.15 0.00	43.12 0.17 0.00	41.26 0.12 0.00	38.58 0.08 0.00
WESTERN_NY_WIND 24143	34.46 -0.21 0.00	33.33 0.20 0.00	30.96 -0.25 0.00	30.58 -0.18 0.00	30.78 -0.06 0.00	32.34 -0.29 0.00	40.37 -0.45 0.00	46.77 -1.72 -0.67	50.15 -1.94 -2.32	49.98 -1.65 -4.52	51.78 -2.05 -5.07	50.47 -2.10 -4.84	46.56 -2.19 -2.08	46.69 -2.05 -2.09	45.91 -2.13 -1.74	47.47 -1.80 -1.92	50.66 -2.67 -1.92	63.26 -2.51 -5.93	70.68 -2.12 -6.57	68.78 -2.26 -6.41	53.27 -2.26 -5.24	42.95 -2.06 -2.06	43.16 -1.28 -3.29	41.27 -0.12 -2.88
WESTOVER___LESR 323668	34.87 0.21 0.00	33.36 0.23 0.00	31.30 0.09 0.00	30.86 0.09 0.00	30.97 0.12 0.00	32.76 0.13 0.00	41.03 0.20 0.00	42.07 0.38 6.13	49.63 0.40 0.53	46.41 0.33 1.03	47.89 0.29 1.16	46.91 0.29 1.11	46.43 0.23 0.48	46.41 0.23 0.48	46.17 0.28 0.40	47.19 0.28 0.44	51.17 0.21 0.44	59.00 0.48 1.33	65.49 0.73 1.47	63.91 0.71 1.44	49.45 0.35 1.20	41.44 0.13 1.64	37.53 0.21 3.82	34.70 0.39 4.19
WETHRSFD_WT_PWR 323626	34.04 -0.62 0.00	32.83 -0.30 0.00	30.55 -0.66 0.00	30.18 -0.59 0.00	30.29 -0.55 0.00	31.94 -0.69 0.00	39.80 -1.02 0.00	44.70 -1.77 1.35	49.21 -2.04 -1.49	47.98 -2.02 -2.89	49.62 -2.39 -3.25	48.40 -2.43 -3.10	45.53 -2.48 -1.33	45.71 -2.29 -1.34	45.05 -2.36 -1.12	46.36 -2.22 -1.23	49.83 -2.73 -1.15	61.01 -2.57 -3.73	68.44 -1.92 -4.13	66.60 -2.07 -4.04	51.37 -2.06 -3.14	41.90 -1.89 -0.84	40.55 -1.52 -0.93	38.76 -0.27 -0.52
WHAVSTOR_138KV_BK127 55557	36.12 1.46 0.00	34.32 1.19 0.00	32.24 1.03 0.00	31.78 1.02 0.00	31.77 0.93 0.00	33.84 1.21 0.00	42.13 1.31 0.00	48.13 1.67 1.36	51.41 1.64 0.00	48.85 1.74 0.00	50.71 1.95 0.00	49.63 1.91 0.00	48.59 1.91 0.00	48.62 1.96 0.00	48.24 1.94 0.00	49.10 1.75 0.00	53.47 2.06 0.00	62.24 2.39 0.00	68.81 2.58 0.00	67.03 2.39 0.00	52.21 1.91 0.00	44.32 1.63 0.27	41.71 1.28 0.70	38.58 0.89 0.81
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	36.12 1.46 0.00	34.32 1.19 0.00	32.24 1.03 0.00	31.78 1.02 0.00	31.77 0.93 0.00	33.84 1.21 0.00	42.13 1.31 0.00	48.13 1.67 1.36	51.41 1.64 0.00	48.85 1.74 0.00	50.71 1.95 0.00	49.63 1.91 0.00	48.59 1.91 0.00	48.62 1.96 0.00	48.24 1.94 0.00	49.10 1.75 0.00	53.47 2.06 0.00	62.24 2.39 0.00	68.81 2.58 0.00	67.03 2.39 0.00	52.21 1.91 0.00	44.32 1.63 0.27	41.71 1.28 0.70	38.58 0.89 0.81
WHITEHAL_115KV_TB1 80871	36.23 1.56 0.00	34.52 1.39 0.00	32.58 1.37 0.00	32.12 1.35 0.00	32.20 1.36 0.00	34.07 1.44 0.00	42.74 1.92 0.00	49.29 2.34 0.87	52.05 2.29 0.00	49.23 2.12 0.00	50.95 2.19 0.00	49.68 1.96 0.00	48.45 1.77 0.00	48.52 1.87 0.00	48.19 1.90 0.00	49.39 2.04 0.00	53.72 2.31 0.00	62.60 2.75 0.00	69.68 3.44 0.00	67.87 3.23 0.00	52.66 2.36 0.00	44.71 1.93 0.17	42.34 1.65 0.45	39.26 1.27 0.52
WHITEPLN_13_KV_LOAD 356215	36.50 1.84 0.00	34.69 1.56 0.00	32.55 1.34 0.00	32.12 1.35 0.00	32.08 1.23 0.00	34.20 1.57 0.00	42.54 1.71 0.00	48.69 2.15 1.28	52.05 2.29 0.00	49.56 2.45 0.00	51.49 2.73 0.00	50.45 2.72 0.00	49.38 2.71 0.00	49.46 2.80 0.00	48.89 2.59 0.00	49.76 2.41 0.00	54.13 2.72 0.00	63.08 3.23 0.00	69.61 3.38 0.00	67.80 3.17 0.00	52.86 2.57 0.00	44.85 2.15 0.25	42.21 1.73 0.66	39.10 1.35 0.76
WM_FLOYD_69_KV_BK2 356380	35.81 1.14 0.00	33.86 0.73 0.00	31.77 0.56 0.00	31.41 0.65 0.00	31.15 0.31 0.00	33.61 0.98 0.00	41.10 0.29 0.01	46.78 0.38 1.42	50.15 0.40 0.01	47.90 0.80 0.01	50.22 1.46 0.00	49.01 1.29 0.00	48.31 1.63 0.00	48.52 1.87 0.00	48.10 1.81 0.00	48.77 1.42 0.00	53.41 2.00 0.00	62.06 2.21 0.00	68.35 2.12 0.00	66.51 1.87 0.00	51.91 1.61 0.00	43.95 1.25 0.25	41.19 0.70 0.65	38.87 1.12 0.75
WOODARD__115KV_TB2 355635	34.22 -0.45 0.00	32.70 -0.43 0.00	30.74 -0.47 0.00	30.34 -0.43 0.00	30.41 -0.43 0.00	32.17 -0.46 0.00	40.33 -0.49 0.00	45.08 -0.43 2.31	51.02 -0.35 -1.60	49.85 -0.38 -3.11	51.91 -0.34 -3.50	50.68 -0.38 -3.34	47.74 -0.37 -1.44	47.73 -0.37 -1.44	47.13 -0.37 -1.20	48.35 -0.33 -1.33	52.38 -0.36 -1.33	63.77 -0.36 -4.28	70.71 -0.26 -4.74	69.00 -0.26 -4.63	53.61 -0.30 -3.61	43.44 -0.39 -0.87	41.64 -0.33 -0.83	38.57 -0.27 -0.33
WOODMERE_69_KV_BK1 55827	36.23 1.56 0.00	34.32 1.19 0.00	32.21 1.00 0.00	31.81 1.05 0.00	31.62 0.77 0.00	33.97 1.34 0.00	41.88 1.06 0.01	47.87 1.34 1.29	51.15 1.39 0.01	48.70 1.60 0.01	50.95 2.19 0.00	49.78 2.05 0.00	49.01 2.33 0.00	49.13 2.47 0.00	48.70 2.41 0.00	49.43 2.08 0.00	53.98 2.57 0.00	62.84 2.99 0.00	69.34 3.11 0.00	67.48 2.84 0.00	52.51 2.21 0.00	44.51 1.80 0.25	41.76 1.28 0.65	39.10 1.35 0.75
YORK___WARBASSE 23770	36.62 1.94 -0.01	34.79 1.66 -0.01	32.56 1.34 -0.01	32.13 1.35 -0.01	32.09 1.23 -0.01	34.26 1.63 0.00	41.97 1.14 0.00	47.98 1.43 1.27	51.00 1.24 0.01	48.56 1.46 0.01	50.46 1.71 0.01	49.39 1.67 0.01	48.44 1.77 0.01	48.52 1.87 0.00	48.15 1.85 0.00	48.96 1.61 0.00	53.15 1.75 0.01	61.93 2.09 0.01	68.54 2.32 0.01	66.76 2.13 0.01	51.95 1.66 0.01	44.25 1.55 0.25	41.84 1.36 0.65	38.91 1.16 0.75