

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

07/25/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	28.71	26.64	26.02	25.20	24.83	26.08	27.33	31.70	34.71	37.60	36.80	40.81	44.44	47.70	48.57	56.87	66.79	70.78	63.03	51.38	48.03	41.59	36.73	33.86
24138	2.18	2.00	1.86	1.71	1.58	1.68	2.02	2.48	2.88	3.32	3.04	3.32	3.67	3.90	3.93	5.48	6.69	7.07	5.62	3.36	2.63	2.65	2.47	2.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	-0.44	0.00	-0.15	0.00	-0.02	0.00	-0.68	-0.88	-0.52	-0.05	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	28.76	26.71	26.07	25.25	24.88	26.13	27.38	31.73	34.74	37.54	36.73	40.70	44.31	47.62	48.48	56.87	66.79	70.72	63.09	51.38	47.89	41.59	36.77	33.92
24260	2.23	2.07	1.91	1.76	1.63	1.73	2.07	2.51	2.91	3.25	2.97	3.21	3.55	3.81	3.84	5.48	6.69	7.01	5.68	3.36	2.50	2.65	2.50	2.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	-0.44	0.00	-0.15	0.00	-0.02	0.00	-0.67	-0.88	-0.52	-0.05	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	28.76	26.71	26.07	25.25	24.88	26.13	27.38	31.73	34.74	37.54	36.73	40.70	44.31	47.62	48.48	56.87	66.79	70.72	63.09	51.38	47.89	41.59	36.77	33.92
24261	2.23	2.07	1.91	1.76	1.63	1.73	2.07	2.51	2.91	3.25	2.97	3.21	3.55	3.81	3.84	5.48	6.69	7.01	5.68	3.36	2.50	2.65	2.50	2.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	-0.44	0.00	-0.15	0.00	-0.02	0.00	-0.67	-0.88	-0.52	-0.05	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	28.04	26.05	25.54	24.82	24.53	25.91	26.82	30.95	33.49	35.41	35.58	39.07	42.97	46.18	47.14	53.20	63.01	67.80	62.41	52.01	48.44	41.55	36.53	33.54
24011	1.51	1.40	1.38	1.34	1.28	1.51	1.52	1.72	2.09	2.10	1.82	1.90	2.20	2.41	2.50	3.30	4.86	5.24	5.11	3.99	3.04	2.61	2.26	1.84
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.53	0.00	0.18	0.00	0.02	0.00	0.81	1.07	0.63	0.06	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	28.20	26.17	25.66	24.94	24.65	26.08	26.97	31.15	33.75	35.69	35.79	39.33	43.30	46.53	47.58	53.61	63.61	68.50	63.09	52.59	48.98	41.90	36.84	33.76
23798	1.67	1.53	1.50	1.46	1.40	1.68	1.67	1.93	2.34	2.37	2.03	2.16	2.53	2.76	2.95	3.70	5.44	5.94	5.79	4.56	3.59	2.96	2.57	2.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.52	0.00	0.17	0.00	0.02	0.00	0.80	1.05	0.62	0.06	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	28.04	26.05	25.54	24.82	24.53	25.91	26.82	30.95	33.49	35.41	35.58	39.07	42.97	46.18	47.14	53.20	63.01	67.80	62.41	52.01	48.44	41.55	36.53	33.54
24028	1.51	1.40	1.38	1.34	1.28	1.51	1.52	1.72	2.09	2.10	1.82	1.90	2.20	2.41	2.50	3.30	4.86	5.24	5.11	3.99	3.04	2.61	2.26	1.84
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.53	0.00	0.18	0.00	0.02	0.00	0.81	1.07	0.63	0.06	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	27.88	25.95	25.44	24.77	24.46	25.66	26.49	30.51	32.68	34.46	35.35	38.58	42.60	45.67	46.65	51.95	60.78	65.89	60.51	50.42	47.16	40.46	35.91	33.13
23527	1.35	1.31	1.28	1.29	1.21	1.27	1.19	1.28	1.52	1.69	1.59	1.60	1.84	1.92	2.01	2.89	3.73	3.98	3.27	2.40	1.77	1.52	1.64	1.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.48	1.08	0.00	0.36	0.00	0.04	0.00	1.66	2.17	1.28	0.12	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	27.03	25.14	24.70	24.05	23.74	24.88	25.73	29.66	32.07	34.07	34.37	37.78	41.34	44.38	45.31	51.29	60.14	64.54	58.75	48.89	45.71	39.33	34.88	32.18
24190	0.50	0.49	0.53	0.56	0.49	0.49	0.43	0.44	0.63	0.68	0.61	0.60	0.57	0.61	0.67	1.27	1.84	1.90	1.43	0.86	0.32	0.39	0.62	0.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.45	0.00	0.15	0.00	0.02	0.00	0.70	0.91	0.54	0.05	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	25.73	23.93	23.49	22.85	22.69	23.79	24.59	28.46	30.91	33.14	33.05	36.55	39.87	42.83	43.57	48.64	56.43	55.11	53.84	46.44	44.49	38.08	33.44	30.88
355683	-0.80	-0.71	-0.68	-0.63	-0.56	-0.61	-0.71	-0.76	-0.73	-0.71	-0.71	-0.78	-0.90	-0.96	-1.07	-2.08	-2.78	-3.10	-2.64	-1.58	-0.91	-0.86	-0.82	-0.82
	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	4.98	0.88	0.00	0.00	0.00	0.00	0.00
ALBANY___1	27.03	25.14	24.70	24.05	23.74	24.88	25.73	29.66	32.07	34.07	34.37	37.78	41.34	44.38	45.31	51.29	60.14	64.54	58.75	48.89	45.71	39.33	34.88	32.18
23571	0.50	0.49	0.53	0.56	0.49	0.49	0.43	0.44	0.63	0.68	0.61	0.60	0.57	0.61	0.67	1.27	1.84	1.90	1.43	0.86	0.32	0.39	0.62	0.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.45	0.00	0.15	0.00	0.02	0.00	0.70	0.91	0.54	0.05	0.00	0.00	0.00	0.00	0.00
ALBANY___2	27.03	25.14	24.70	24.05	23.74	24.88	25.73	29.66	32.07	34.07	34.37	37.78	41.34	44.38	45.31	51.29	60.14	64.54	58.75	48.89	45.71	39.33	34.88	32.18
23572	0.50	0.49	0.53	0.56	0.49	0.49	0.43	0.44	0.63	0.68	0.61	0.60	0.57	0.61	0.67	1.27	1.84	1.90	1.43	0.86	0.32	0.39	0.62	0.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.45	0.00	0.15	0.00	0.02	0.00	0.70	0.91	0.54	0.05	0.00	0.00	0.00	0.00	0.00
ALBANY___3	27.03	25.14	24.70	24.05	23.74	24.88	25.73	29.66	32.07	34.07	34.37	37.78	41.34	44.38	45.31	51.29	60.14	64.54	58.75	48.89	45.71	39.33	34.88	32.18
23573	0.50	0.49	0.53	0.56	0.49	0.49	0.43	0.44	0.63	0.68	0.61	0.60	0.57	0.61	0.67	1.27	1.84	1.90	1.43	0.86	0.32	0.39	0.62	0.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.45	0.00	0.15	0.00	0.02	0.00	0.70	0.91	0.54	0.05	0.00	0.00	0.00	0.00	0.00

ALBANY___4 23574	27.03 0.50 0.00	25.14 0.49 0.00	24.70 0.53 0.00	24.05 0.56 0.00	23.74 0.49 0.00	24.88 0.49 0.00	25.73 0.43 0.00	29.66 0.44 0.00	32.07 0.63 0.20	34.07 0.68 0.45	34.37 0.61 0.00	37.78 0.60 0.15	41.34 0.57 0.00	44.38 0.61 0.02	45.31 0.67 0.00	51.29 1.27 0.70	60.14 1.84 0.91	64.54 1.90 0.54	58.75 1.43 0.05	48.89 0.86 0.00	45.71 0.32 0.00	39.33 0.39 0.00	34.88 0.62 0.00	32.18 0.48 0.00
ALBANY___LFGE 323615	27.33 0.80 0.00	25.41 0.76 0.00	24.94 0.77 0.00	24.28 0.80 0.00	23.97 0.72 0.00	25.15 0.76 0.00	26.01 0.71 0.00	30.01 0.79 0.00	32.43 1.01 0.22	34.47 1.12 0.49	34.81 1.05 0.00	38.26 1.08 0.16	41.91 1.14 0.00	44.99 1.22 0.02	45.93 1.30 0.00	51.94 1.98 0.75	61.02 2.78 0.98	65.45 2.85 0.58	59.66 2.35 0.05	49.60 1.58 0.00	46.44 1.04 0.00	39.84 0.90 0.00	35.33 1.06 0.00	32.52 0.82 0.00
ALCOA_PA_115KV_PL-6C 55860	25.79 -0.74 0.00	23.95 -0.69 0.00	23.51 -0.65 0.00	22.90 -0.59 0.00	22.76 -0.49 0.00	23.86 -0.54 0.00	24.64 -0.66 0.00	28.49 -0.73 0.00	30.97 -0.66 0.00	33.24 -0.61 0.00	33.15 -0.61 0.00	36.67 -0.67 0.00	39.99 -0.77 0.00	42.96 -0.83 0.00	43.66 -0.98 0.00	48.64 -2.08 0.00	56.32 -2.90 0.00	52.78 -3.66 6.74	53.13 -3.04 1.19	46.63 -1.39 0.00	44.67 -0.73 0.00	38.20 -0.74 0.00	33.51 -0.75 0.00	30.91 -0.79 0.00
ALCOA_RYNLDS___DRP 24188	25.79 -0.74 0.00	23.95 -0.69 0.00	23.51 -0.65 0.00	22.90 -0.59 0.00	22.76 -0.49 0.00	23.86 -0.54 0.00	24.64 -0.66 0.00	28.49 -0.73 0.00	30.97 -0.66 0.00	33.24 -0.61 0.00	33.15 -0.61 0.00	36.67 -0.67 0.00	39.99 -0.77 0.00	42.96 -0.83 0.00	43.66 -0.98 0.00	48.64 -2.08 0.00	56.32 -2.90 0.00	52.78 -3.66 6.74	53.13 -3.04 1.19	46.63 -1.39 0.00	44.67 -0.73 0.00	38.20 -0.74 0.00	33.51 -0.75 0.00	30.91 -0.79 0.00
ALCOA___DSASP 323711	25.79 -0.74 0.00	23.95 -0.69 0.00	23.51 -0.65 0.00	22.90 -0.59 0.00	22.76 -0.49 0.00	23.86 -0.54 0.00	24.64 -0.66 0.00	28.49 -0.73 0.00	30.97 -0.67 0.00	33.20 -0.64 0.00	33.15 -0.61 0.00	36.67 -0.67 0.00	39.99 -0.78 0.00	42.96 -0.83 0.00	43.65 -0.98 0.00	48.64 -2.08 0.00	56.32 -2.90 0.00	52.77 -3.67 6.74	53.07 -3.10 1.19	46.53 -1.49 0.00	44.62 -0.77 0.00	38.20 -0.74 0.00	33.51 -0.75 0.00	30.91 -0.79 0.00
ALLEGHENY___COGEN 23514	29.18 2.65 0.00	26.96 2.32 0.00	26.17 2.00 0.00	25.29 1.81 0.00	25.14 1.88 0.00	26.52 2.12 0.00	27.66 2.35 0.00	31.76 2.54 0.00	33.50 1.87 0.00	35.06 1.22 0.00	35.21 1.45 0.00	38.94 1.60 0.00	40.85 0.08 0.00	43.44 -0.35 0.00	45.08 0.45 0.00	51.83 1.11 0.00	60.87 1.66 0.00	66.54 2.53 -0.82	60.89 3.38 -0.15	52.97 4.95 0.00	49.34 3.95 0.00	42.21 3.27 0.00	37.59 3.32 0.00	35.16 3.46 0.00
ALTAMONT_115KV_TB 2 55880	27.41 0.88 0.00	25.48 0.84 0.00	25.03 0.87 0.00	24.35 0.87 0.00	24.07 0.81 0.00	25.22 0.83 0.00	26.11 0.81 0.00	30.10 0.88 0.00	32.57 1.08 0.14	34.67 1.15 0.32	34.84 1.08 0.00	38.35 1.12 0.11	41.91 1.14 0.00	45.00 1.23 0.01	45.89 1.25 0.00	52.15 1.93 0.50	61.12 2.55 0.65	65.45 2.65 0.38	59.50 2.18 0.03	49.51 1.49 0.00	46.39 1.00 0.00	39.91 0.97 0.00	35.33 1.06 0.00	32.59 0.89 0.00
ALTONA_WT_PWR 323606	25.71 -0.82 0.00	23.93 -0.72 0.00	23.54 -0.63 0.00	22.94 -0.54 0.00	22.90 -0.35 0.00	24.13 -0.27 0.00	25.02 -0.28 0.00	29.11 -0.12 0.00	31.76 0.13 0.00	34.02 0.17 0.00	33.86 0.10 0.00	37.45 0.11 0.00	40.73 -0.04 0.00	43.88 0.09 0.00	44.77 0.13 0.00	49.96 -0.76 0.00	57.74 -1.48 0.00	56.10 -1.45 5.64	55.68 -0.69 1.00	48.12 0.10 0.00	45.89 0.50 0.00	39.17 0.24 0.00	34.20 -0.07 0.00	31.48 -0.22 0.00
AMERICAN_REF_FUEL 24010	27.94 1.41 0.00	25.85 1.21 0.00	24.91 0.75 0.00	24.17 0.68 0.00	23.93 0.67 0.00	25.20 0.80 0.00	26.36 1.06 0.00	29.92 0.70 0.00	31.61 -0.03 0.00	33.47 -0.37 0.00	33.86 0.10 0.00	37.41 0.07 0.00	40.89 0.12 0.00	43.32 -0.35 0.12	44.54 0.04 0.14	50.74 0.36 0.33	59.19 0.36 0.38	64.04 0.50 -0.35	57.51 0.40 0.25	49.80 2.02 0.24	46.03 0.64 0.00	39.68 0.74 0.00	34.64 0.38 0.00	32.81 1.11 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	29.21 2.68 0.00	27.01 2.37 0.00	26.15 1.98 0.00	25.20 1.71 0.00	25.00 1.74 0.00	26.44 2.05 0.00	27.78 2.48 0.00	31.94 2.72 0.00	33.98 2.34 0.00	35.91 2.06 0.00	36.46 2.70 0.00	40.36 3.02 0.00	44.23 3.46 0.00	46.68 2.89 0.00	47.94 3.30 0.00	54.88 4.16 0.00	64.01 4.79 0.00	69.11 5.12 -0.81	62.09 4.59 -0.14	53.40 5.38 0.00	49.43 4.04 0.00	42.56 3.62 0.00	37.01 2.74 0.00	34.74 3.04 0.00
ARTHUR_KILL_GT_1 23520	28.87 2.34 -0.01	26.80 2.14 -0.01	26.17 2.00 0.00	25.29 1.81 0.00	24.88 1.63 0.00	26.10 1.71 0.00	27.33 2.02 0.00	31.49 2.28 0.01	33.78 2.72 0.58	33.80 3.18 3.23	33.83 2.80 2.73	35.44 2.99 4.89	35.60 3.14 8.31	35.83 3.29 11.25	36.72 3.30 11.22	46.42 5.12 9.41	52.15 6.34 13.41	55.11 6.76 14.84	46.83 5.34 15.87	36.39 2.78 14.41	35.44 2.04 12.00	36.18 2.49 5.25	36.62 2.36 0.01	33.69 2.00 0.01
ARTHUR_KILL_2 23512	28.77 2.23 -0.01	26.72 2.07 -0.01	26.10 1.93 0.00	25.22 1.74 0.00	24.81 1.56 0.00	26.03 1.63 0.00	27.25 1.95 0.00	31.41 2.19 0.01	33.68 2.62 0.58	33.70 3.08 3.23	33.70 2.67 2.73	35.29 2.84 4.89	35.43 2.97 8.31	35.65 3.11 11.25	36.54 3.12 11.22	46.17 4.87 9.41	51.85 6.04 13.41	54.79 6.45 14.84	46.54 5.05 15.87	36.15 2.54 14.41	35.26 1.86 12.00	36.02 2.34 5.25	36.48 2.23 0.01	33.56 1.87 0.01
ARTHUR_KILL_3 23513	28.39 1.86 0.00	26.34 1.70 0.00	25.70 1.55 0.01	24.88 1.41 0.01	24.52 1.28 0.01	25.76 1.37 0.00	27.00 1.70 0.00	31.30 2.07 0.00	33.47 2.40 0.57	33.37 2.74 3.22	33.47 2.43 2.72	35.11 2.65 4.88	35.36 2.89 8.30	35.66 3.11 11.24	36.55 3.12 11.21	45.93 4.61 9.41	51.50 5.69 13.40	54.36 6.01 14.83	46.20 4.70 15.86	36.16 2.54 14.41	35.31 1.91 11.99	35.72 2.02 5.24	36.25 1.99 0.00	33.47 1.77 0.00
ARTHUR_KILL_COGEN 323718	28.87 2.34 -0.01	26.80 2.14 -0.01	26.17 2.00 0.00	25.29 1.81 0.00	24.88 1.63 0.00	26.10 1.71 0.00	27.33 2.02 0.00	31.49 2.28 0.01	33.78 2.72 0.58	33.80 3.18 3.23	33.83 2.80 2.73	35.44 2.99 4.89	35.60 3.14 8.31	35.83 3.29 11.25	36.72 3.30 11.22	46.42 5.12 9.41	52.15 6.34 13.41	55.11 6.76 14.84	46.83 5.34 15.87	36.39 2.78 14.41	35.44 2.04 12.00	36.18 2.49 5.25	36.62 2.36 0.01	33.69 2.00 0.01
ASHOKAN____ 23654	27.43 0.90 0.00	25.46 0.81 0.00	24.91 0.75 0.00	24.17 0.68 0.00	23.76 0.51 0.00	24.84 0.44 0.00	25.81 0.51 0.00	29.51 0.29 0.00	33.16 1.52 0.00	35.50 1.66 0.00	34.20 0.44 0.00	39.13 1.79 0.00	41.13 0.37 0.00	44.40 0.61 0.00	45.17 0.54 0.00	53.91 3.20 0.00	63.42 4.20 0.00	67.54 4.36 0.00	61.09 3.73 0.00	49.03 1.01 0.00	46.08 0.68 0.00	39.84 0.90 0.00	35.36 1.10 0.00	32.59 0.89 0.00

ASTORIA_EAST_ENERGY_CC1 323581	28.79 2.25 -0.01	26.72 2.07 -0.01	26.11 1.93 -0.01	25.25 1.76 -0.01	24.88 1.63 0.00	26.06 1.66 0.00	27.35 2.05 0.00	31.62 2.40 0.00	34.56 2.72 -0.20	37.24 2.94 -0.45	36.50 2.73 -0.01	40.20 2.72 -0.14	43.66 2.89 0.00	46.92 3.11 -0.02	47.85 3.22 0.00	56.21 4.82 -0.68	66.14 6.04 -0.88	70.15 6.45 -0.52	62.51 5.10 -0.05	50.61 2.59 0.01	47.15 1.77 0.01	41.08 2.14 0.00	36.56 2.30 0.00	33.73 2.03 0.00
ASTORIA_EAST_ENERGY_CC2 323582	28.79 2.25 -0.01	26.72 2.07 -0.01	26.11 1.93 -0.01	25.25 1.76 -0.01	24.88 1.63 0.00	26.06 1.66 0.00	27.35 2.05 0.00	31.62 2.40 0.00	34.56 2.72 -0.20	37.24 2.94 -0.45	36.50 2.73 -0.01	40.20 2.72 -0.14	43.66 2.89 0.00	46.92 3.11 -0.02	47.85 3.22 0.00	56.21 4.82 -0.68	66.14 6.04 -0.88	70.15 6.45 -0.52	62.51 5.10 -0.05	50.61 2.59 0.01	47.15 1.77 0.01	41.08 2.14 0.00	36.56 2.30 0.00	33.73 2.03 0.00
ASTORIA_GT2_1 24094	28.79 2.26 -0.01	26.75 2.09 -0.01	26.10 1.93 -0.01	25.28 1.78 -0.01	24.88 1.63 0.00	26.08 1.68 0.00	27.38 2.07 0.00	31.62 2.40 0.00	34.56 2.72 -0.20	37.20 2.91 -0.45	36.47 2.70 -0.01	40.21 2.73 -0.15	43.66 2.89 0.00	46.91 3.11 -0.02	47.81 3.17 0.00	56.21 4.82 -0.67	66.08 5.98 -0.88	70.09 6.38 -0.52	62.45 5.05 -0.05	50.61 2.59 0.01	47.07 1.68 0.01	41.08 2.14 0.00	36.56 2.30 0.00	33.76 2.06 0.00
ASTORIA_GT2_2 24095	28.79 2.26 -0.01	26.75 2.09 -0.01	26.10 1.93 -0.01	25.28 1.78 -0.01	24.88 1.63 0.00	26.08 1.68 0.00	27.38 2.07 0.00	31.62 2.40 0.00	34.56 2.72 -0.20	37.20 2.91 -0.45	36.47 2.70 -0.01	40.21 2.73 -0.15	43.66 2.89 0.00	46.91 3.11 -0.02	47.81 3.17 0.00	56.21 4.82 -0.67	66.08 5.98 -0.88	70.09 6.38 -0.52	62.45 5.05 -0.05	50.61 2.59 0.01	47.07 1.68 0.01	41.08 2.14 0.00	36.56 2.30 0.00	33.76 2.06 0.00
ASTORIA_GT2_3 24096	28.79 2.26 -0.01	26.75 2.09 -0.01	26.10 1.93 -0.01	25.28 1.78 -0.01	24.88 1.63 0.00	26.08 1.68 0.00	27.38 2.07 0.00	31.62 2.40 0.00	34.56 2.72 -0.20	37.20 2.91 -0.45	36.47 2.70 -0.01	40.21 2.73 -0.15	43.66 2.89 0.00	46.91 3.11 -0.02	47.81 3.17 0.00	56.21 4.82 -0.67	66.08 5.98 -0.88	70.09 6.38 -0.52	62.45 5.05 -0.05	50.61 2.59 0.01	47.07 1.68 0.01	41.08 2.14 0.00	36.56 2.30 0.00	33.76 2.06 0.00
ASTORIA_GT2_4 24097	28.79 2.26 -0.01	26.75 2.09 -0.01	26.10 1.93 -0.01	25.28 1.78 -0.01	24.88 1.63 0.00	26.08 1.68 0.00	27.38 2.07 0.00	31.62 2.40 0.00	34.56 2.72 -0.20	37.20 2.91 -0.45	36.47 2.70 -0.01	40.21 2.73 -0.15	43.66 2.89 0.00	46.91 3.11 -0.02	47.81 3.17 0.00	56.21 4.82 -0.67	66.08 5.98 -0.88	70.09 6.38 -0.52	62.45 5.05 -0.05	50.61 2.59 0.01	47.07 1.68 0.01	41.08 2.14 0.00	36.56 2.30 0.00	33.76 2.06 0.00
ASTORIA_GT3_1 24098	28.79 2.26 -0.01	26.75 2.09 -0.01	26.10 1.93 -0.01	25.28 1.78 -0.01	24.88 1.63 0.00	26.08 1.68 0.00	27.38 2.07 0.00	31.62 2.40 0.00	34.56 2.72 -0.20	37.20 2.91 -0.45	36.47 2.70 -0.01	40.21 2.73 -0.15	43.66 2.89 0.00	46.91 3.11 -0.02	47.81 3.17 0.00	56.21 4.82 -0.67	66.08 5.98 -0.88	70.09 6.38 -0.52	62.45 5.05 -0.05	50.61 2.59 0.01	47.07 1.68 0.01	41.08 2.14 0.00	36.56 2.30 0.00	33.76 2.06 0.00
ASTORIA_GT3_2 24099	28.79 2.26 -0.01	26.75 2.09 -0.01	26.10 1.93 -0.01	25.28 1.78 -0.01	24.88 1.63 0.00	26.08 1.68 0.00	27.38 2.07 0.00	31.62 2.40 0.00	34.56 2.72 -0.20	37.20 2.91 -0.45	36.47 2.70 -0.01	40.21 2.73 -0.15	43.66 2.89 0.00	46.91 3.11 -0.02	47.81 3.17 0.00	56.21 4.82 -0.67	66.08 5.98 -0.88	70.09 6.38 -0.52	62.45 5.05 -0.05	50.61 2.59 0.01	47.07 1.68 0.01	41.08 2.14 0.00	36.56 2.30 0.00	33.76 2.06 0.00
ASTORIA_GT3_3 24100	28.79 2.26 -0.01	26.75 2.09 -0.01	26.10 1.93 -0.01	25.28 1.78 -0.01	24.88 1.63 0.00	26.08 1.68 0.00	27.38 2.07 0.00	31.62 2.40 0.00	34.56 2.72 -0.20	37.20 2.91 -0.45	36.47 2.70 -0.01	40.21 2.73 -0.15	43.66 2.89 0.00	46.91 3.11 -0.02	47.81 3.17 0.00	56.21 4.82 -0.67	66.08 5.98 -0.88	70.09 6.38 -0.52	62.45 5.05 -0.05	50.61 2.59 0.01	47.07 1.68 0.01	41.08 2.14 0.00	36.56 2.30 0.00	33.76 2.06 0.00
ASTORIA_GT3_4 24101	28.79 2.26 -0.01	26.75 2.09 -0.01	26.10 1.93 -0.01	25.28 1.78 -0.01	24.88 1.63 0.00	26.08 1.68 0.00	27.38 2.07 0.00	31.62 2.40 0.00	34.56 2.72 -0.20	37.20 2.91 -0.45	36.47 2.70 -0.01	40.21 2.73 -0.15	43.66 2.89 0.00	46.91 3.11 -0.02	47.81 3.17 0.00	56.21 4.82 -0.67	66.08 5.98 -0.88	70.09 6.38 -0.52	62.45 5.05 -0.05	50.61 2.59 0.01	47.07 1.68 0.01	41.08 2.14 0.00	36.56 2.30 0.00	33.76 2.06 0.00
ASTORIA_GT4_1 24102	28.79 2.26 -0.01	26.75 2.09 -0.01	26.10 1.93 -0.01	25.28 1.78 -0.01	24.88 1.63 0.00	26.08 1.68 0.00	27.38 2.07 0.00	31.62 2.40 0.00	34.56 2.72 -0.20	37.20 2.91 -0.45	36.47 2.70 -0.01	40.21 2.73 -0.15	43.66 2.89 0.00	46.91 3.11 -0.02	47.81 3.17 0.00	56.21 4.82 -0.67	66.08 5.98 -0.88	70.09 6.38 -0.52	62.45 5.05 -0.05	50.61 2.59 0.01	47.07 1.68 0.01	41.08 2.14 0.00	36.56 2.30 0.00	33.76 2.06 0.00
ASTORIA_GT4_2 24103	28.79 2.26 -0.01	26.75 2.09 -0.01	26.10 1.93 -0.01	25.28 1.78 -0.01	24.88 1.63 0.00	26.08 1.68 0.00	27.38 2.07 0.00	31.62 2.40 0.00	34.56 2.72 -0.20	37.20 2.91 -0.45	36.47 2.70 -0.01	40.21 2.73 -0.15	43.66 2.89 0.00	46.91 3.11 -0.02	47.81 3.17 0.00	56.21 4.82 -0.67	66.08 5.98 -0.88	70.09 6.38 -0.52	62.45 5.05 -0.05	50.61 2.59 0.01	47.07 1.68 0.01	41.08 2.14 0.00	36.56 2.30 0.00	33.76 2.06 0.00
ASTORIA_GT4_3 24104	28.79 2.26 -0.01	26.75 2.09 -0.01	26.10 1.93 -0.01	25.28 1.78 -0.01	24.88 1.63 0.00	26.08 1.68 0.00	27.38 2.07 0.00	31.62 2.40 0.00	34.56 2.72 -0.20	37.20 2.91 -0.45	36.47 2.70 -0.01	40.21 2.73 -0.15	43.66 2.89 0.00	46.91 3.11 -0.02	47.81 3.17 0.00	56.21 4.82 -0.67	66.08 5.98 -0.88	70.09 6.38 -0.52	62.45 5.05 -0.05	50.61 2.59 0.01	47.07 1.68 0.01	41.08 2.14 0.00	36.56 2.30 0.00	33.76 2.06 0.00
ASTORIA_GT4_4 24105	28.79 2.26 -0.01	26.75 2.09 -0.01	26.10 1.93 -0.01	25.28 1.78 -0.01	24.88 1.63 0.00	26.08 1.68 0.00	27.38 2.07 0.00	31.62 2.40 0.00	34.56 2.72 -0.20	37.20 2.91 -0.45	36.47 2.70 -0.01	40.21 2.73 -0.15	43.66 2.89 0.00	46.91 3.11 -0.02	47.81 3.17 0.00	56.21 4.82 -0.67	66.08 5.98 -0.88	70.09 6.38 -0.52	62.45 5.05 -0.05	50.61 2.59 0.01	47.07 1.68 0.01	41.08 2.14 0.00	36.56 2.30 0.00	33.76 2.06 0.00
ASTORIA_GT_1 23523	28.85 2.31 -0.01	26.80 2.14 -0.01	26.15 1.98 -0.01	25.32 1.83 -0.01	24.93 1.68 0.00	26.13 1.73 0.00	27.43 2.13 0.00	31.70 2.48 0.00	34.66 2.81 -0.20	37.34 3.05 -0.45	36.57 2.80 -0.01	40.31 2.84 -0.14	43.83 3.06 0.00	47.05 3.24 -0.02	47.99 3.35 0.00	56.37 4.97 -0.68	66.32 6.22 -0.88	70.40 6.69 -0.52	62.74 5.34 -0.05	50.80 2.78 0.01	47.34 1.95 0.01	41.20 2.26 0.00	36.66 2.40 0.00	33.82 2.12 0.00

ASTORIA_GT_10 24110	28.68 2.15 0.00	26.62 1.97 0.00	26.00 1.84 0.00	25.17 1.69 0.00	24.79 1.53 0.00	26.01 1.61 0.00	27.28 1.97 0.00	31.59 2.37 0.00	34.59 2.75 -0.20	37.37 3.08 -0.45	36.54 2.77 -0.01	40.40 2.91 -0.15	43.83 3.06 0.00	47.05 3.24 -0.02	47.90 3.26 0.00	56.21 4.82 -0.67	66.02 5.92 -0.88	70.02 6.32 -0.52	62.34 4.93 -0.05	50.66 2.64 0.01	47.25 1.86 0.01	41.20 2.26 0.00	36.53 2.26 0.00	33.70 2.00 0.00
ASTORIA_GT_11 24225	28.68 2.15 0.00	26.62 1.97 0.00	26.00 1.84 0.00	25.17 1.69 0.00	24.79 1.53 0.00	26.01 1.61 0.00	27.28 1.97 0.00	31.59 2.37 0.00	34.59 2.75 -0.20	37.37 3.08 -0.45	36.54 2.77 -0.01	40.40 2.91 -0.15	43.83 3.06 0.00	47.05 3.24 -0.02	47.90 3.26 0.00	56.21 4.82 -0.67	66.02 5.92 -0.88	70.02 6.32 -0.52	62.34 4.93 -0.05	50.66 2.64 0.01	47.25 1.86 0.01	41.20 2.26 0.00	36.53 2.26 0.00	33.70 2.00 0.00
ASTORIA_GT_12 24226	28.68 2.15 0.00	26.62 1.97 0.00	26.00 1.84 0.00	25.17 1.69 0.00	24.79 1.53 0.00	26.01 1.61 0.00	27.28 1.97 0.00	31.59 2.37 0.00	34.59 2.75 -0.20	37.37 3.08 -0.45	36.54 2.77 -0.01	40.40 2.91 -0.15	43.83 3.06 0.00	47.05 3.24 -0.02	47.90 3.26 0.00	56.21 4.82 -0.67	66.02 5.92 -0.88	70.02 6.32 -0.52	62.34 4.93 -0.05	50.66 2.64 0.01	47.25 1.86 0.01	41.20 2.26 0.00	36.53 2.26 0.00	33.70 2.00 0.00
ASTORIA_GT_13 24227	28.68 2.15 0.00	26.62 1.97 0.00	26.00 1.84 0.00	25.17 1.69 0.00	24.79 1.53 0.00	26.01 1.61 0.00	27.28 1.97 0.00	31.59 2.37 0.00	34.59 2.75 -0.20	37.37 3.08 -0.45	36.54 2.77 -0.01	40.40 2.91 -0.15	43.83 3.06 0.00	47.05 3.24 -0.02	47.90 3.26 0.00	56.21 4.82 -0.67	66.02 5.92 -0.88	70.02 6.32 -0.52	62.34 4.93 -0.05	50.66 2.64 0.01	47.25 1.86 0.01	41.20 2.26 0.00	36.53 2.26 0.00	33.70 2.00 0.00
ASTORIA_GT_5 24106	28.85 2.31 -0.01	26.80 2.14 -0.01	26.15 1.98 -0.01	25.32 1.83 -0.01	24.93 1.68 0.00	26.13 1.73 0.00	27.43 2.13 0.00	31.70 2.48 0.00	34.66 2.81 -0.20	37.34 3.05 -0.45	36.57 2.80 -0.01	40.31 2.84 -0.14	43.83 3.06 0.00	47.05 3.24 -0.02	47.99 3.35 0.00	56.37 4.97 -0.68	66.32 6.22 -0.88	70.40 6.69 -0.52	62.74 5.34 -0.05	50.80 2.78 0.01	47.34 1.95 0.01	41.20 2.26 0.00	36.66 2.40 0.00	33.82 2.12 0.00
ASTORIA_GT_7 24107	28.85 2.31 -0.01	26.80 2.14 -0.01	26.15 1.98 -0.01	25.32 1.83 -0.01	24.93 1.68 0.00	26.13 1.73 0.00	27.43 2.13 0.00	31.70 2.48 0.00	34.66 2.81 -0.20	37.34 3.05 -0.45	36.57 2.80 -0.01	40.31 2.84 -0.14	43.83 3.06 0.00	47.05 3.24 -0.02	47.99 3.35 0.00	56.37 4.97 -0.68	66.32 6.22 -0.88	70.40 6.69 -0.52	62.74 5.34 -0.05	50.80 2.78 0.01	47.34 1.95 0.01	41.20 2.26 0.00	36.66 2.40 0.00	33.82 2.12 0.00
ASTORIA_GT_8 24108	28.85 2.31 -0.01	26.80 2.14 -0.01	26.15 1.98 -0.01	25.32 1.83 -0.01	24.93 1.67 0.00	26.13 1.73 0.00	27.45 2.15 0.00	31.71 2.48 0.00	34.66 2.82 -0.20	37.27 2.98 -0.45	36.57 2.80 -0.01	40.32 2.84 -0.15	43.78 3.02 0.00	47.00 3.20 -0.02	47.94 3.30 0.00	56.36 4.97 -0.67	66.26 6.16 -0.88	70.34 6.63 -0.52	62.63 5.22 -0.05	50.75 2.74 0.01	47.20 1.82 0.01	41.16 2.22 0.00	36.66 2.40 0.00	33.82 2.12 0.00
ASTORIA___2 24149	28.79 2.25 -0.01	26.75 2.09 -0.01	26.11 1.93 -0.01	25.28 1.78 -0.01	24.88 1.63 0.00	26.08 1.68 0.00	27.38 2.08 0.00	31.62 2.40 0.00	34.56 2.72 -0.20	37.27 2.98 -0.45	36.50 2.73 -0.01	40.24 2.76 -0.14	43.70 2.94 0.00	46.92 3.11 -0.02	47.85 3.22 0.00	56.21 4.82 -0.68	66.14 6.04 -0.88	70.21 6.51 -0.52	62.57 5.16 -0.05	50.65 2.64 0.01	47.20 1.82 0.01	41.12 2.18 0.00	36.60 2.33 0.00	33.73 2.03 0.00
ASTORIA___3 23516	28.68 2.15 0.00	26.62 1.97 0.00	26.00 1.84 0.00	25.18 1.69 0.00	24.79 1.53 0.00	26.01 1.61 0.00	27.28 1.97 0.00	31.59 2.37 0.00	34.59 2.75 -0.20	37.44 3.15 -0.45	36.57 2.80 -0.01	40.40 2.91 -0.15	43.86 3.10 0.00	47.09 3.29 -0.02	47.94 3.30 0.00	56.26 4.87 -0.68	66.08 5.98 -0.88	70.08 6.38 -0.52	62.39 4.99 -0.05	50.70 2.69 0.01	47.38 2.00 0.01	41.24 2.30 0.00	36.56 2.30 0.00	33.70 2.00 0.00
ASTORIA___4 23517	28.68 2.15 0.00	26.62 1.97 0.00	26.00 1.84 0.00	25.17 1.69 0.00	24.79 1.53 0.00	26.01 1.61 0.00	27.28 1.97 0.00	31.59 2.37 0.00	34.59 2.75 -0.20	37.37 3.08 -0.45	36.54 2.77 -0.01	40.40 2.91 -0.15	43.83 3.06 0.00	47.05 3.24 -0.02	47.90 3.26 0.00	56.21 4.82 -0.67	66.02 5.92 -0.88	69.96 6.26 -0.52	62.34 4.93 -0.05	50.66 2.64 0.01	47.25 1.86 0.01	41.20 2.26 0.00	36.53 2.26 0.00	33.70 2.00 0.00
ASTORIA___5 23518	28.68 2.15 0.00	26.62 1.97 0.00	26.00 1.84 0.00	25.18 1.69 0.00	24.79 1.53 0.00	26.01 1.61 0.00	27.28 1.97 0.00	31.59 2.37 0.00	34.59 2.75 -0.20	37.44 3.15 -0.45	36.57 2.80 -0.01	40.40 2.91 -0.15	43.86 3.10 0.00	47.09 3.29 -0.02	47.94 3.30 0.00	56.26 4.87 -0.68	66.08 5.98 -0.88	70.08 6.38 -0.52	62.39 4.99 -0.05	50.70 2.69 0.01	47.38 2.00 0.01	41.24 2.30 0.00	36.56 2.30 0.00	33.70 2.00 0.00
AST_ENERGY_2_CC3 323677	28.52 1.99 0.00	26.47 1.82 0.00	25.85 1.69 0.00	25.03 1.55 0.00	24.67 1.42 0.00	25.88 1.49 0.00	27.12 1.82 0.00	31.41 2.19 0.00	34.39 2.56 -0.20	37.23 2.94 -0.44	36.39 2.63 0.00	40.32 2.84 -0.15	43.91 3.14 0.00	47.13 3.33 -0.02	48.03 3.39 0.00	56.31 4.92 -0.68	66.14 6.04 -0.88	70.08 6.38 -0.52	62.46 5.05 -0.05	50.86 2.83 0.00	47.57 2.18 0.00	41.20 2.26 0.00	36.43 2.16 0.00	33.63 1.93 0.00
AST_ENERGY_2_CC4 323678	28.52 1.99 0.00	26.47 1.82 0.00	25.85 1.69 0.00	25.03 1.55 0.00	24.67 1.42 0.00	25.88 1.49 0.00	27.12 1.82 0.00	31.41 2.19 0.00	34.39 2.56 -0.20	37.23 2.94 -0.44	36.39 2.63 0.00	40.32 2.84 -0.15	43.91 3.14 0.00	47.13 3.33 -0.02	48.03 3.39 0.00	56.31 4.92 -0.68	66.14 6.04 -0.88	70.08 6.38 -0.52	62.46 5.05 -0.05	50.86 2.83 0.00	47.57 2.18 0.00	41.20 2.26 0.00	36.43 2.16 0.00	33.63 1.93 0.00
ATHENS_STG_1 23668	27.56 1.03 0.00	25.66 1.01 0.00	25.18 1.01 0.00	24.49 1.01 0.00	24.18 0.93 0.00	25.32 0.93 0.00	26.24 0.94 0.00	30.27 1.05 0.00	32.93 1.23 -0.06	35.40 1.42 -0.14	35.04 1.28 0.00	38.73 1.34 -0.05	42.28 1.51 0.00	45.37 1.57 -0.01	46.24 1.60 0.00	53.36 2.43 -0.21	62.51 3.02 -0.27	66.50 3.16 -0.16	59.96 2.58 -0.01	49.60 1.58 0.00	46.57 1.18 0.00	40.07 1.13 0.00	35.43 1.17 0.00	32.68 0.98 0.00
ATHENS_STG_2 23670	27.56 1.03 0.00	25.66 1.01 0.00	25.18 1.01 0.00	24.49 1.01 0.00	24.18 0.93 0.00	25.32 0.93 0.00	26.24 0.94 0.00	30.27 1.05 0.00	32.93 1.23 -0.06	35.40 1.42 -0.14	35.04 1.28 0.00	38.73 1.34 -0.05	42.28 1.51 0.00	45.37 1.57 -0.01	46.24 1.60 0.00	53.36 2.43 -0.21	62.51 3.02 -0.27	66.50 3.16 -0.16	59.96 2.58 -0.01	49.60 1.58 0.00	46.57 1.18 0.00	40.07 1.13 0.00	35.43 1.17 0.00	32.68 0.98 0.00

ATHENS_STG_3 23677	27.56 1.03 0.00	25.66 1.01 0.00	25.18 1.01 0.00	24.49 1.01 0.00	24.18 0.93 0.00	25.32 0.93 0.00	26.24 0.94 0.00	30.27 1.05 0.00	32.93 1.23 -0.06	35.40 1.42 -0.14	35.04 1.28 0.00	38.73 1.34 -0.05	42.28 1.51 0.00	45.37 1.57 -0.01	46.24 1.60 0.00	53.36 2.43 -0.21	62.51 3.02 -0.27	66.50 3.16 -0.16	59.96 2.58 -0.01	49.60 1.58 0.00	46.57 1.18 0.00	40.07 1.13 0.00	35.43 1.17 0.00	32.68 0.98 0.00
AUBURN____LFGE 323710	27.41 0.88 0.00	25.41 0.76 0.00	24.79 0.63 0.00	24.05 0.56 0.00	23.88 0.63 0.00	25.10 0.71 0.00	26.09 0.78 0.00	30.16 0.94 0.00	32.43 0.79 0.00	34.62 0.78 0.00	34.54 0.78 0.00	38.31 0.97 0.00	41.87 1.10 0.00	45.60 1.27 -0.54	47.11 1.83 -0.64	54.57 2.38 -1.47	63.70 2.78 -1.70	69.61 3.22 -3.21	62.47 3.15 -1.95	51.84 2.74 -1.08	47.66 2.27 0.00	40.61 1.67 0.00	35.50 1.23 0.00	32.90 1.20 0.00
BABYLON_RES_REC 323704	35.82 2.84 -6.45	34.58 2.64 -7.30	32.80 2.51 -6.12	29.29 2.35 -3.46	29.54 2.21 -4.08	31.25 2.34 -4.51	32.99 2.68 -5.01	33.90 3.13 -1.55	36.91 3.54 -1.74	38.82 3.89 -1.09	39.70 3.21 -2.73	40.81 3.29 -0.19	46.09 3.67 -1.65	48.05 3.72 -0.54	52.57 3.84 -4.09	57.66 5.02 -1.92	67.58 5.92 -2.44	72.31 6.13 -3.00	66.41 5.27 -3.78	55.09 3.22 -3.85	48.75 2.77 -0.58	41.83 2.81 -0.08	38.12 2.98 -0.87	34.69 2.95 -0.04
BABYLON__69_KV_BK2 356345	36.16 3.18 -6.45	34.93 2.98 -7.30	33.11 2.83 -6.12	29.60 2.65 -3.46	29.84 2.51 -4.08	31.56 2.66 -4.51	33.35 3.04 -5.01	34.27 3.51 -1.55	37.39 4.02 -1.73	39.30 4.37 -1.09	41.16 4.15 -3.25	41.75 4.14 -0.27	47.59 4.81 -2.01	48.80 4.99 -0.02	54.54 4.95 -4.95	61.63 6.29 -4.63	72.32 7.28 -5.82	80.00 7.58 -9.24	70.98 6.60 -7.03	64.63 4.42 -12.19	51.10 3.86 -1.85	43.49 3.97 -0.58	40.17 3.50 -2.41	35.17 3.42 -0.04
BARON_WINDS____WT_PWR 323822	28.15 1.62 0.00	26.07 1.43 0.00	25.35 1.18 0.00	24.49 1.01 0.00	24.27 1.02 0.00	25.64 1.24 0.00	26.79 1.49 0.00	30.86 1.64 0.00	32.93 1.30 0.00	34.90 1.05 0.00	35.28 1.52 0.00	39.02 1.68 0.00	42.56 1.79 0.00	45.23 1.44 0.00	46.38 1.74 0.00	53.15 2.43 0.00	62.12 2.90 0.00	67.25 3.28 -0.78	60.65 3.15 -0.14	51.58 3.55 0.00	48.03 2.63 0.00	41.24 2.30 0.00	35.98 1.71 0.00	33.57 1.87 0.00
BARRETT_IC_1 23704	35.42 2.44 -6.45	34.21 2.27 -7.30	32.38 2.10 -6.12	28.95 1.99 -3.47	29.20 1.86 -4.09	30.86 1.95 -4.51	32.49 2.18 -5.01	33.28 2.51 -1.54	36.12 2.75 -1.73	38.04 3.11 -1.09	38.96 2.77 -2.44	40.40 2.91 -0.15	45.55 3.30 -1.48	47.78 3.46 -0.54	51.94 3.61 -3.69	55.96 4.57 -0.68	65.48 5.39 -0.88	69.26 5.56 -0.51	62.04 4.64 -0.04	50.95 2.93 0.00	47.80 2.40 0.00	41.24 2.30 0.00	36.67 2.40 -0.01	34.13 2.38 -0.05
BARRETT_IC_10 23701	35.42 2.44 -6.45	34.21 2.27 -7.30	32.38 2.10 -6.12	28.95 1.99 -3.47	29.20 1.86 -4.09	30.86 1.95 -4.51	32.49 2.18 -5.01	33.28 2.51 -1.54	36.12 2.75 -1.73	38.04 3.11 -1.09	38.96 2.77 -2.44	40.40 2.91 -0.15	45.55 3.30 -1.48	47.78 3.46 -0.54	51.94 3.61 -3.69	55.96 4.57 -0.68	65.48 5.39 -0.88	69.26 5.56 -0.51	62.04 4.64 -0.04	50.95 2.93 0.00	47.80 2.40 0.00	41.24 2.30 0.00	36.67 2.40 -0.01	34.13 2.38 -0.05
BARRETT_IC_11 23702	35.42 2.44 -6.45	34.21 2.27 -7.30	32.38 2.10 -6.12	28.95 1.99 -3.47	29.20 1.86 -4.09	30.86 1.95 -4.51	32.49 2.18 -5.01	33.28 2.51 -1.54	36.12 2.75 -1.73	38.04 3.11 -1.09	38.96 2.77 -2.44	40.40 2.91 -0.15	45.55 3.30 -1.48	47.78 3.46 -0.54	51.94 3.61 -3.69	55.96 4.57 -0.68	65.48 5.39 -0.88	69.26 5.56 -0.51	62.04 4.64 -0.04	50.95 2.93 0.00	47.80 2.40 0.00	41.24 2.30 0.00	36.67 2.40 -0.01	34.13 2.38 -0.05
BARRETT_IC_12 23703	35.42 2.44 -6.45	34.21 2.27 -7.30	32.38 2.10 -6.12	28.95 1.99 -3.47	29.20 1.86 -4.09	30.86 1.95 -4.51	32.49 2.18 -5.01	33.28 2.51 -1.54	36.12 2.75 -1.73	38.04 3.11 -1.09	38.96 2.77 -2.44	40.40 2.91 -0.15	45.55 3.30 -1.48	47.78 3.46 -0.54	51.94 3.61 -3.69	55.96 4.57 -0.68	65.48 5.39 -0.88	69.26 5.56 -0.51	62.04 4.64 -0.04	50.95 2.93 0.00	47.80 2.40 0.00	41.24 2.30 0.00	36.67 2.40 -0.01	34.13 2.38 -0.05
BARRETT_IC_2 23705	35.42 2.44 -6.45	34.21 2.27 -7.30	32.38 2.10 -6.12	28.95 1.99 -3.47	29.20 1.86 -4.09	30.86 1.95 -4.51	32.49 2.18 -5.01	33.28 2.51 -1.54	36.12 2.75 -1.73	38.04 3.11 -1.09	38.96 2.77 -2.44	40.40 2.91 -0.15	45.55 3.30 -1.48	47.78 3.46 -0.54	51.94 3.61 -3.69	55.96 4.57 -0.68	65.48 5.39 -0.88	69.26 5.56 -0.51	62.04 4.64 -0.04	50.95 2.93 0.00	47.80 2.40 0.00	41.24 2.30 0.00	36.67 2.40 -0.01	34.13 2.38 -0.05
BARRETT_IC_3 23706	35.42 2.44 -6.45	34.21 2.27 -7.30	32.38 2.10 -6.12	28.95 1.99 -3.47	29.20 1.86 -4.09	30.86 1.95 -4.51	32.49 2.18 -5.01	33.28 2.51 -1.54	36.12 2.75 -1.73	38.04 3.11 -1.09	38.96 2.77 -2.44	40.40 2.91 -0.15	45.55 3.30 -1.48	47.78 3.46 -0.54	51.94 3.61 -3.69	55.96 4.57 -0.68	65.48 5.39 -0.88	69.26 5.56 -0.51	62.04 4.64 -0.04	50.95 2.93 0.00	47.80 2.40 0.00	41.24 2.30 0.00	36.67 2.40 -0.01	34.13 2.38 -0.05
BARRETT_IC_4 23707	35.42 2.44 -6.45	34.21 2.27 -7.30	32.38 2.10 -6.12	28.95 1.99 -3.47	29.20 1.86 -4.09	30.86 1.95 -4.51	32.49 2.18 -5.01	33.28 2.51 -1.54	36.12 2.75 -1.73	38.04 3.11 -1.09	38.96 2.77 -2.44	40.40 2.91 -0.15	45.55 3.30 -1.48	47.78 3.46 -0.54	51.94 3.61 -3.69	55.96 4.57 -0.68	65.48 5.39 -0.88	69.26 5.56 -0.51	62.04 4.64 -0.04	50.95 2.93 0.00	47.80 2.40 0.00	41.24 2.30 0.00	36.67 2.40 -0.01	34.13 2.38 -0.05
BARRETT_IC_5 23708	35.42 2.44 -6.45	34.21 2.27 -7.30	32.38 2.10 -6.12	28.95 1.99 -3.47	29.20 1.86 -4.09	30.86 1.95 -4.51	32.49 2.18 -5.01	33.28 2.51 -1.54	36.12 2.75 -1.73	38.04 3.11 -1.09	38.96 2.77 -2.44	40.40 2.91 -0.15	45.55 3.30 -1.48	47.78 3.46 -0.54	51.94 3.61 -3.69	55.96 4.57 -0.68	65.48 5.39 -0.88	69.26 5.56 -0.51	62.04 4.64 -0.04	50.95 2.93 0.00	47.80 2.40 0.00	41.24 2.30 0.00	36.67 2.40 -0.01	34.13 2.38 -0.05
BARRETT_IC_6 23709	35.42 2.44 -6.45	34.21 2.27 -7.30	32.38 2.10 -6.12	28.95 1.99 -3.47	29.20 1.86 -4.09	30.86 1.95 -4.51	32.49 2.18 -5.01	33.28 2.51 -1.54	36.12 2.75 -1.73	38.04 3.11 -1.09	38.96 2.77 -2.44	40.40 2.91 -0.15	45.55 3.30 -1.48	47.78 3.46 -0.54	51.94 3.61 -3.69	55.96 4.57 -0.68	65.48 5.39 -0.88	69.26 5.56 -0.51	62.04 4.64 -0.04	50.95 2.93 0.00	47.80 2.40 0.00	41.24 2.30 0.00	36.67 2.40 -0.01	34.13 2.38 -0.05
BARRETT_IC_7 23710	35.42 2.44 -6.45	34.21 2.27 -7.30	32.41 2.13 -6.12	28.94 2.00 -3.46	29.19 1.86 -4.08	30.86 1.95 -4.51	32.49 2.18 -5.01	33.28 2.51 -1.54	36.12 2.75 -1.73	37.98 3.05 -1.09	38.96 2.77 -2.44	40.28 2.80 -0.15	45.51 3.26 -1.48	47.22 3.42 -0.02	51.90 3.57 -3.69	55.96 4.56 -0.67	65.37 5.27 -0.88	69.14 5.43 -0.52	61.94 4.53 -0.05	50.90 2.88 0.00	47.71 2.32 0.00	41.47 2.53 0.00	36.66 2.40 0.00	34.12 2.38 -0.04

BARRETT_IC_8 23711	35.42 2.44 -6.45	34.21 2.27 -7.30	32.38 2.10 -6.12	28.95 1.99 -3.47	29.20 1.86 -4.09	30.86 1.95 -4.51	32.49 2.18 -5.01	33.28 2.51 -1.54	36.12 2.75 -1.73	38.04 3.11 -1.09	38.96 2.77 -2.44	40.40 2.91 -0.15	45.55 3.30 -1.48	47.78 3.46 -0.54	51.94 3.61 -3.69	55.96 4.57 -0.68	65.48 5.39 -0.88	69.26 5.56 -0.51	62.04 4.64 -0.04	50.95 2.93 0.00	47.80 2.40 0.00	41.24 2.30 0.00	36.67 2.40 -0.01	34.13 2.38 -0.05
BARRETT_IC_9 23700	35.42 2.44 -6.45	34.21 2.27 -7.30	32.38 2.10 -6.12	28.95 1.99 -3.47	29.20 1.86 -4.09	30.86 1.95 -4.51	32.49 2.18 -5.01	33.28 2.51 -1.54	36.12 2.75 -1.73	38.04 3.11 -1.09	38.96 2.77 -2.44	40.40 2.91 -0.15	45.55 3.30 -1.48	47.78 3.46 -0.54	51.94 3.61 -3.69	55.96 4.57 -0.68	65.48 5.39 -0.88	69.26 5.56 -0.51	62.04 4.64 -0.04	50.95 2.93 0.00	47.80 2.40 0.00	41.24 2.30 0.00	36.67 2.40 -0.01	34.13 2.38 -0.05
BARRETT___1 23545	35.42 2.44 -6.45	34.21 2.27 -7.30	32.38 2.10 -6.12	28.95 1.99 -3.47	29.20 1.86 -4.09	30.86 1.95 -4.51	32.49 2.18 -5.01	33.28 2.51 -1.54	36.12 2.75 -1.73	38.04 3.11 -1.09	38.96 2.77 -2.44	40.40 2.91 -0.15	45.55 3.30 -1.48	47.78 3.46 -0.54	51.94 3.61 -3.69	55.96 4.57 -0.68	65.48 5.39 -0.88	69.26 5.56 -0.51	62.04 4.64 -0.04	50.95 2.93 0.00	47.80 2.40 0.00	41.24 2.30 0.00	36.67 2.40 -0.01	34.13 2.38 -0.05
BARRETT___2 23546	35.42 2.44 -6.45	34.21 2.27 -7.30	32.38 2.10 -6.12	28.95 1.99 -3.47	29.20 1.86 -4.09	30.86 1.95 -4.51	32.49 2.18 -5.01	33.28 2.51 -1.54	36.12 2.75 -1.73	38.04 3.11 -1.09	38.96 2.77 -2.44	40.40 2.91 -0.15	45.55 3.30 -1.48	47.78 3.46 -0.54	51.94 3.61 -3.69	55.96 4.57 -0.68	65.48 5.39 -0.88	69.26 5.56 -0.51	62.04 4.64 -0.04	50.95 2.93 0.00	47.80 2.40 0.00	41.24 2.30 0.00	36.67 2.40 -0.01	34.13 2.38 -0.05
BATAVIA___115KV_TB1 55881	28.79 2.26 0.00	26.59 1.95 0.00	25.78 1.62 0.00	24.87 1.39 0.00	24.67 1.42 0.00	26.01 1.61 0.00	27.12 1.82 0.00	31.15 1.93 0.00	32.84 1.20 0.00	34.86 1.02 0.00	35.18 1.42 0.00	39.06 1.72 0.00	42.72 1.96 0.00	45.45 1.80 0.14	46.71 2.23 0.16	53.03 2.69 0.37	61.98 3.20 0.43	67.22 3.73 -0.31	60.39 3.33 0.30	51.88 4.13 0.28	48.48 3.09 0.00	41.43 2.49 0.00	36.22 1.95 0.00	34.05 2.35 0.00
BAYONEEC___CTG1 323682	28.52 1.99 0.00	26.49 1.85 0.00	25.85 1.69 0.00	25.03 1.55 0.00	24.67 1.42 0.00	25.91 1.51 0.00	27.12 1.82 0.00	31.44 2.22 0.00	34.43 2.59 -0.20	37.23 2.94 -0.44	36.39 2.63 0.00	40.32 2.84 -0.15	43.91 3.14 0.00	47.18 3.37 -0.02	48.03 3.39 0.00	56.31 4.92 -0.68	66.14 6.04 -0.88	70.08 6.38 -0.52	62.46 5.05 -0.05	50.90 2.88 0.00	47.57 2.18 0.00	41.20 2.26 0.00	36.46 2.19 0.00	33.63 1.93 0.00
BAYONEEC___CTG10 323750	28.52 1.99 0.00	26.49 1.85 0.00	25.85 1.69 0.00	25.03 1.55 0.00	24.67 1.42 0.00	25.91 1.51 0.00	27.12 1.82 0.00	31.44 2.22 0.00	34.43 2.59 -0.20	37.23 2.94 -0.44	36.39 2.63 0.00	40.32 2.84 -0.15	43.91 3.14 0.00	47.18 3.37 -0.02	48.03 3.39 0.00	56.31 4.92 -0.68	66.14 6.04 -0.88	70.08 6.38 -0.52	62.46 5.05 -0.05	50.90 2.88 0.00	47.57 2.18 0.00	41.20 2.26 0.00	36.46 2.19 0.00	33.63 1.93 0.00
BAYONEEC___CTG2 323683	28.52 1.99 0.00	26.49 1.85 0.00	25.85 1.69 0.00	25.03 1.55 0.00	24.67 1.42 0.00	25.91 1.51 0.00	27.12 1.82 0.00	31.44 2.22 0.00	34.43 2.59 -0.20	37.23 2.94 -0.44	36.39 2.63 0.00	40.32 2.84 -0.15	43.91 3.14 0.00	47.18 3.37 -0.02	48.03 3.39 0.00	56.31 4.92 -0.68	66.14 6.04 -0.88	70.08 6.38 -0.52	62.46 5.05 -0.05	50.90 2.88 0.00	47.57 2.18 0.00	41.20 2.26 0.00	36.46 2.19 0.00	33.63 1.93 0.00
BAYONEEC___CTG3 323684	28.52 1.99 0.00	26.49 1.85 0.00	25.85 1.69 0.00	25.03 1.55 0.00	24.67 1.42 0.00	25.91 1.51 0.00	27.12 1.82 0.00	31.44 2.22 0.00	34.43 2.59 -0.20	37.23 2.94 -0.44	36.39 2.63 0.00	40.32 2.84 -0.15	43.91 3.14 0.00	47.18 3.37 -0.02	48.03 3.39 0.00	56.31 4.92 -0.68	66.14 6.04 -0.88	70.08 6.38 -0.52	62.46 5.05 -0.05	50.90 2.88 0.00	47.57 2.18 0.00	41.20 2.26 0.00	36.46 2.19 0.00	33.63 1.93 0.00
BAYONEEC___CTG4 323685	28.52 1.99 0.00	26.49 1.85 0.00	25.85 1.69 0.00	25.03 1.55 0.00	24.67 1.42 0.00	25.91 1.51 0.00	27.12 1.82 0.00	31.44 2.22 0.00	34.43 2.59 -0.20	37.23 2.94 -0.44	36.39 2.63 0.00	40.32 2.84 -0.15	43.91 3.14 0.00	47.18 3.37 -0.02	48.03 3.39 0.00	56.31 4.92 -0.68	66.14 6.04 -0.88	70.08 6.38 -0.52	62.46 5.05 -0.05	50.90 2.88 0.00	47.57 2.18 0.00	41.20 2.26 0.00	36.46 2.19 0.00	33.63 1.93 0.00
BAYONEEC___CTG5 323686	28.52 1.99 0.00	26.49 1.85 0.00	25.85 1.69 0.00	25.03 1.55 0.00	24.67 1.42 0.00	25.91 1.51 0.00	27.12 1.82 0.00	31.44 2.22 0.00	34.43 2.59 -0.20	37.23 2.94 -0.44	36.39 2.63 0.00	40.32 2.84 -0.15	43.91 3.14 0.00	47.18 3.37 -0.02	48.03 3.39 0.00	56.31 4.92 -0.68	66.14 6.04 -0.88	70.08 6.38 -0.52	62.46 5.05 -0.05	50.90 2.88 0.00	47.57 2.18 0.00	41.20 2.26 0.00	36.46 2.19 0.00	33.63 1.93 0.00
BAYONEEC___CTG6 323687	28.52 1.99 0.00	26.49 1.85 0.00	25.85 1.69 0.00	25.03 1.55 0.00	24.67 1.42 0.00	25.91 1.51 0.00	27.12 1.82 0.00	31.44 2.22 0.00	34.43 2.59 -0.20	37.23 2.94 -0.44	36.39 2.63 0.00	40.32 2.84 -0.15	43.91 3.14 0.00	47.18 3.37 -0.02	48.03 3.39 0.00	56.31 4.92 -0.68	66.14 6.04 -0.88	70.08 6.38 -0.52	62.46 5.05 -0.05	50.90 2.88 0.00	47.57 2.18 0.00	41.20 2.26 0.00	36.46 2.19 0.00	33.63 1.93 0.00
BAYONEEC___CTG7 323688	28.52 1.99 0.00	26.49 1.85 0.00	25.85 1.69 0.00	25.03 1.55 0.00	24.67 1.42 0.00	25.91 1.51 0.00	27.12 1.82 0.00	31.44 2.22 0.00	34.43 2.59 -0.20	37.23 2.94 -0.44	36.39 2.63 0.00	40.32 2.84 -0.15	43.91 3.14 0.00	47.18 3.37 -0.02	48.03 3.39 0.00	56.31 4.92 -0.68	66.14 6.04 -0.88	70.08 6.38 -0.52	62.46 5.05 -0.05	50.90 2.88 0.00	47.57 2.18 0.00	41.20 2.26 0.00	36.46 2.19 0.00	33.63 1.93 0.00
BAYONEEC___CTG8 323689	28.52 1.99 0.00	26.49 1.85 0.00	25.85 1.69 0.00	25.03 1.55 0.00	24.67 1.42 0.00	25.91 1.51 0.00	27.12 1.82 0.00	31.44 2.22 0.00	34.43 2.59 -0.20	37.23 2.94 -0.44	36.39 2.63 0.00	40.32 2.84 -0.15	43.91 3.14 0.00	47.18 3.37 -0.02	48.03 3.39 0.00	56.31 4.92 -0.68	66.14 6.04 -0.88	70.08 6.38 -0.52	62.46 5.05 -0.05	50.90 2.88 0.00	47.57 2.18 0.00	41.20 2.26 0.00	36.46 2.19 0.00	33.63 1.93 0.00
BAYONEEC___CTG9 323749	28.52 1.99 0.00	26.49 1.85 0.00	25.85 1.69 0.00	25.03 1.55 0.00	24.67 1.42 0.00	25.91 1.51 0.00	27.12 1.82 0.00	31.44 2.22 0.00	34.43 2.59 -0.20	37.23 2.94 -0.44	36.39 2.63 0.00	40.32 2.84 -0.15	43.91 3.14 0.00	47.18 3.37 -0.02	48.03 3.39 0.00	56.31 4.92 -0.68	66.14 6.04 -0.88	70.08 6.38 -0.52	62.46 5.05 -0.05	50.90 2.88 0.00	47.57 2.18 0.00	41.20 2.26 0.00	36.46 2.19 0.00	33.63 1.93 0.00

BEACON___LESR 323632	27.46 0.93 0.00	25.51 0.86 0.00	25.03 0.87 0.00	24.38 0.89 0.00	24.07 0.81 0.00	25.27 0.88 0.00	26.14 0.83 0.00	30.18 0.96 0.00	32.63 1.20 0.21	34.65 1.29 0.48	34.97 1.21 0.00	38.49 1.31 0.16	42.11 1.34 0.00	45.21 1.44 0.02	46.24 1.60 0.00	52.42 2.43 0.74	61.69 3.43 0.96	66.21 3.60 0.57	60.35 3.04 0.05	50.19 2.16 0.00	46.89 1.50 0.00	40.22 1.28 0.00	35.67 1.41 0.00	32.81 1.11 0.00
BEAVER RIVER___HYD 24048	26.74 0.21 0.00	24.77 0.12 0.00	24.31 0.15 0.00	23.60 0.12 0.00	23.49 0.23 0.00	24.66 0.27 0.00	25.61 0.30 0.00	29.57 0.35 0.00	31.95 0.32 0.00	33.98 0.14 0.00	34.00 0.24 0.00	37.79 0.45 0.00	41.18 0.41 0.00	44.62 0.48 -0.35	45.14 0.09 -0.41	51.77 0.20 -0.85	60.26 0.06 -0.98	81.81 0.06 -18.57	62.42 0.97 -4.08	50.33 1.68 -0.62	47.21 1.82 0.00	39.95 1.01 0.00	34.85 0.58 0.00	32.02 0.32 0.00
BEEBEE_GT_13 23619	27.83 1.30 0.00	25.73 1.08 0.00	25.01 0.85 0.00	24.16 0.68 0.00	23.97 0.72 0.00	25.22 0.83 0.00	26.31 1.01 0.00	30.33 1.11 0.00	32.36 0.73 0.00	34.49 0.64 0.00	34.70 0.95 0.00	38.53 1.19 0.00	42.11 1.35 0.00	45.15 1.53 0.17	46.30 1.87 0.21	52.73 2.49 0.48	61.45 2.78 0.55	66.53 3.16 -0.18	59.70 2.75 0.42	50.94 3.27 0.35	47.57 2.18 0.00	40.65 1.71 0.00	35.57 1.30 0.00	33.28 1.58 0.00
BENSHRST_27_KV_BENSHRST_1 355998	29.01 2.47 -0.01	26.92 2.27 -0.01	26.27 2.10 0.00	25.41 1.93 0.00	25.00 1.74 0.00	26.23 1.83 0.00	27.53 2.23 0.00	31.82 2.60 0.00	34.91 3.07 -0.20	37.78 3.49 -0.45	36.94 3.17 -0.01	40.88 3.40 -0.15	44.36 3.59 0.00	47.57 3.77 -0.02	48.43 3.79 0.00	81.92 5.58 -25.63	81.83 6.81 -15.80	78.46 7.33 -7.95	102.13 5.85 -38.92	51.28 3.27 0.01	47.84 2.45 0.01	41.70 2.76 0.00	36.94 2.67 0.00	34.01 2.31 0.00
BETHLEHEM___GRP 23843	27.03 0.50 0.00	25.14 0.49 0.00	24.70 0.53 0.00	24.05 0.56 0.00	23.74 0.49 0.00	24.88 0.49 0.00	25.73 0.43 0.00	29.66 0.44 0.00	32.07 0.63 0.20	34.07 0.68 0.45	34.37 0.61 0.00	37.78 0.60 0.15	41.34 0.57 0.00	44.38 0.61 0.02	45.31 0.67 0.00	51.29 1.27 0.70	60.14 1.84 0.91	64.54 1.90 0.54	58.75 1.43 0.05	48.89 0.86 0.00	45.71 0.32 0.00	39.33 0.39 0.00	34.88 0.62 0.00	32.18 0.48 0.00
BETHLEHEM___GS1 323560	27.03 0.50 0.00	25.14 0.49 0.00	24.69 0.53 0.00	24.05 0.56 0.00	23.74 0.49 0.00	24.88 0.49 0.00	25.73 0.43 0.00	29.66 0.44 0.00	32.07 0.63 0.20	34.10 0.71 0.45	34.37 0.61 0.00	37.82 0.63 0.15	41.34 0.57 0.00	44.38 0.61 0.02	45.31 0.67 0.00	51.29 1.27 0.70	60.20 1.89 0.91	64.54 1.89 0.54	58.80 1.49 0.05	48.89 0.87 0.00	45.80 0.41 0.00	39.33 0.39 0.00	34.88 0.62 0.00	32.18 0.48 0.00
BETHLEHEM___GS2 323561	27.03 0.50 0.00	25.14 0.49 0.00	24.69 0.53 0.00	24.05 0.56 0.00	23.74 0.49 0.00	24.88 0.49 0.00	25.73 0.43 0.00	29.66 0.44 0.00	32.07 0.63 0.20	34.10 0.71 0.45	34.37 0.61 0.00	37.82 0.63 0.15	41.34 0.57 0.00	44.38 0.61 0.02	45.31 0.67 0.00	51.29 1.27 0.70	60.20 1.89 0.91	64.54 1.89 0.54	58.80 1.49 0.05	48.89 0.87 0.00	45.80 0.41 0.00	39.33 0.39 0.00	34.88 0.62 0.00	32.18 0.48 0.00
BETHLEHEM___GS3 323562	27.03 0.50 0.00	25.14 0.49 0.00	24.69 0.53 0.00	24.05 0.56 0.00	23.74 0.49 0.00	24.88 0.49 0.00	25.73 0.43 0.00	29.66 0.44 0.00	32.07 0.63 0.20	34.10 0.71 0.45	34.37 0.61 0.00	37.82 0.63 0.15	41.34 0.57 0.00	44.38 0.61 0.02	45.31 0.67 0.00	51.29 1.27 0.70	60.20 1.89 0.91	64.54 1.89 0.54	58.80 1.49 0.05	48.89 0.87 0.00	45.80 0.41 0.00	39.33 0.39 0.00	34.88 0.62 0.00	32.18 0.48 0.00
BETHLEHEM___STEEL 23779	28.57 2.04 0.00	26.42 1.77 0.00	25.61 1.45 0.00	24.68 1.20 0.00	24.46 1.21 0.00	25.81 1.41 0.00	26.97 1.67 0.00	30.95 1.72 0.00	32.84 1.20 0.00	34.93 1.08 0.00	35.28 1.52 0.00	39.09 1.75 0.00	42.77 2.00 0.00	45.15 1.36 0.00	46.42 1.79 0.00	52.95 2.23 0.00	62.00 2.78 0.00	67.09 3.10 -0.81	60.26 2.75 -0.14	51.34 3.31 0.00	48.03 2.63 0.00	41.28 2.34 0.00	36.05 1.78 0.00	33.92 2.22 0.00
BETHLHEM_115KV_TB1 79974	27.11 0.58 0.00	25.21 0.57 0.00	24.77 0.60 0.00	24.12 0.63 0.00	23.81 0.56 0.00	24.96 0.56 0.00	25.81 0.51 0.00	29.75 0.53 0.00	32.17 0.73 0.19	34.19 0.78 0.43	34.47 0.71 0.00	37.90 0.71 0.14	41.46 0.69 0.00	44.52 0.74 0.02	45.44 0.80 0.00	51.47 1.42 0.66	60.36 2.01 0.87	64.69 2.02 0.51	58.92 1.61 0.05	48.98 0.96 0.00	45.85 0.45 0.00	39.45 0.51 0.00	34.98 0.72 0.00	32.27 0.57 0.00
BETHPAGE_CC_5 323564	35.66 2.68 -6.45	34.43 2.49 -7.30	32.63 2.34 -6.12	29.15 2.21 -3.46	29.43 2.09 -4.08	31.10 2.20 -4.51	32.82 2.51 -5.01	33.72 2.95 -1.55	36.69 3.32 -1.73	38.62 3.69 -1.09	39.70 3.34 -2.59	41.04 3.55 -0.16	46.21 3.91 -1.53	48.44 4.11 -0.54	52.68 4.24 -3.80	57.21 5.48 -1.02	66.98 6.46 -1.31	71.14 6.69 -1.26	64.11 5.68 -1.07	52.68 3.60 -1.05	48.59 3.04 -0.16	41.83 2.84 -0.04	37.50 2.77 -0.46	34.44 2.69 -0.04
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	28.60 2.07 0.00	26.47 1.82 0.00	25.64 1.47 0.00	24.73 1.24 0.00	24.51 1.26 0.00	25.86 1.46 0.00	27.05 1.75 0.00	31.00 1.78 0.00	32.93 1.30 0.00	35.03 1.18 0.00	35.38 1.62 0.00	39.17 1.83 0.00	42.93 2.16 0.00	45.19 1.40 0.00	46.51 1.87 0.00	53.05 2.33 0.00	62.06 2.84 0.00	67.22 3.22 -0.81	60.31 2.81 -0.14	51.38 3.36 0.00	48.16 2.77 0.00	41.39 2.45 0.00	36.15 1.88 0.00	34.01 2.31 0.00
BINGHAMTON___COGEN 23790	27.46 0.93 0.00	25.46 0.81 0.00	24.86 0.70 0.00	24.12 0.63 0.00	23.90 0.65 0.00	25.13 0.73 0.00	26.14 0.83 0.00	30.22 0.99 0.00	32.52 0.89 0.00	34.73 0.88 0.00	34.84 1.08 0.00	38.57 1.23 0.00	42.15 1.39 0.00	45.31 1.31 -0.21	46.36 1.47 -0.25	53.32 2.03 -0.58	62.43 2.55 -0.67	66.84 2.84 -0.81	60.74 2.70 -0.69	50.80 2.35 -0.42	47.30 1.91 0.00	40.50 1.56 0.00	35.46 1.20 0.00	32.84 1.14 0.00
BIXINCNT_115KV_LOAD 355685	28.57 2.04 0.00	26.47 1.82 0.00	25.64 1.47 0.00	24.73 1.24 0.00	24.53 1.28 0.00	25.96 1.56 0.00	27.15 1.85 0.00	31.24 2.02 0.00	33.25 1.61 0.00	35.34 1.49 0.00	35.79 2.03 0.00	39.54 2.20 0.00	43.34 2.57 0.00	45.36 1.58 0.00	46.56 1.92 0.00	53.05 2.33 0.00	62.06 2.84 0.00	67.21 3.22 -0.80	60.14 2.64 -0.14	51.24 3.22 0.00	48.39 3.00 0.00	41.59 2.65 0.00	36.32 2.06 0.00	33.98 2.28 0.00
BLACK RIVER___HYD 24047	27.17 0.64 0.00	25.14 0.49 0.00	24.65 0.48 0.00	23.91 0.42 0.00	23.81 0.56 0.00	25.01 0.61 0.00	26.01 0.71 0.00	30.04 0.82 0.00	32.37 0.73 0.00	34.39 0.54 0.00	34.43 0.67 0.00	38.31 0.97 0.00	41.74 0.98 0.00	45.44 1.10 -0.55	46.01 0.71 -0.66	53.23 1.07 -1.45	61.90 1.01 -1.67	78.75 1.33 -14.24	63.60 2.35 -3.88	52.02 2.93 -1.06	48.34 2.95 0.00	40.73 1.79 0.00	35.43 1.17 0.00	32.52 0.82 0.00

BLACKRVR_115KV_TB2 79977	27.17 0.64 0.00	25.14 0.49 0.00	24.62 0.46 0.00	23.91 0.42 0.00	23.81 0.56 0.00	25.01 0.61 0.00	25.99 0.68 0.00	30.04 0.82 0.00	32.36 0.73 0.00	34.42 0.58 0.00	34.43 0.68 0.00	38.31 0.97 0.00	41.75 0.98 0.00	45.44 1.09 -0.55	46.01 0.71 -0.66	53.23 1.07 -1.45	61.90 1.01 -1.67	78.75 1.33 -14.24	63.65 2.41 -3.88	51.97 2.88 -1.06	48.34 2.95 0.00	40.73 1.79 0.00	35.43 1.17 0.00	32.52 0.82 0.00
BLISS_WT_PWR 323608	28.57 2.04 0.00	26.47 1.82 0.00	25.64 1.47 0.00	24.73 1.24 0.00	24.53 1.28 0.00	25.98 1.58 0.00	27.25 1.95 0.00	31.27 2.04 0.00	33.31 1.68 0.00	35.23 1.39 0.00	35.72 1.96 0.00	39.43 2.09 0.00	43.25 2.49 0.00	45.28 1.49 0.00	46.47 1.83 0.00	53.10 2.38 0.00	62.06 2.84 0.00	67.08 3.10 -0.80	60.02 2.52 -0.14	51.63 3.60 0.00	48.34 2.95 0.00	41.62 2.68 0.00	36.25 1.99 0.00	33.98 2.28 0.00
BLUE_CIRC_CHEM_DRP 24182	27.46 0.93 0.00	25.53 0.89 0.00	25.11 0.94 0.00	24.45 0.96 0.00	24.14 0.88 0.00	25.32 0.93 0.00	26.16 0.86 0.00	30.16 0.94 0.00	32.63 1.14 0.14	34.71 1.18 0.32	34.87 1.11 0.00	38.39 1.16 0.11	41.79 1.02 0.00	44.87 1.09 0.01	45.80 1.16 0.00	52.00 1.78 0.49	61.00 2.43 0.64	65.27 2.46 0.38	59.39 2.06 0.03	49.51 1.49 0.00	46.35 0.95 0.00	39.84 0.90 0.00	35.46 1.20 0.00	32.71 1.01 0.00
BOC_GAS_DRP 24189	27.30 0.77 0.00	25.41 0.76 0.00	24.96 0.80 0.00	24.28 0.80 0.00	23.97 0.72 0.00	25.13 0.73 0.00	26.01 0.71 0.00	29.98 0.76 0.00	32.42 0.92 0.14	34.55 1.02 0.31	34.70 0.95 0.00	38.20 0.97 0.10	41.71 0.94 0.00	44.78 1.01 0.01	45.66 1.03 0.00	51.91 1.67 0.48	60.78 2.19 0.63	65.09 2.27 0.37	59.10 1.78 0.03	49.17 1.15 0.00	46.07 0.68 0.00	39.68 0.74 0.00	35.16 0.89 0.00	32.46 0.76 0.00
BOONVILLE_115KV_TB1 79983	27.14 0.61 0.00	25.16 0.52 0.00	24.67 0.51 0.00	23.95 0.47 0.00	23.79 0.53 0.00	24.98 0.59 0.00	25.96 0.66 0.00	29.98 0.76 0.00	32.46 0.82 0.00	34.69 0.85 0.00	34.77 1.01 0.00	38.61 1.27 0.00	42.11 1.35 0.00	45.40 1.49 -0.12	45.99 1.21 -0.15	52.53 1.42 -0.39	61.32 1.66 -0.45	72.41 1.83 -7.39	61.33 2.29 -1.67	50.52 2.21 -0.29	47.53 2.13 0.00	40.34 1.40 0.00	35.29 1.03 0.00	32.46 0.76 0.00
BORALEX_4TH_BRANCH 23824	27.88 1.35 0.00	25.95 1.31 0.00	25.44 1.28 0.00	24.77 1.29 0.00	24.46 1.21 0.00	25.66 1.27 0.00	26.49 1.19 0.00	30.51 1.28 0.00	32.68 1.52 0.48	34.46 1.69 1.08	35.35 1.59 0.00	38.58 1.60 0.36	42.60 1.84 0.00	45.67 1.92 0.04	46.65 2.01 0.00	51.95 2.89 1.66	60.78 3.73 2.17	65.89 3.98 1.28	60.51 3.27 0.12	50.42 2.40 0.00	47.16 1.77 0.00	40.46 1.52 0.00	35.91 1.64 0.00	33.13 1.43 0.00
BOWLINE___1 23526	28.18 1.65 0.00	26.20 1.55 0.00	25.56 1.40 0.00	24.80 1.31 0.00	24.46 1.21 0.00	25.66 1.27 0.00	26.77 1.47 0.00	30.92 1.69 0.00	33.78 1.96 -0.18	36.49 2.23 -0.41	35.79 2.03 0.00	39.68 2.20 -0.13	43.21 2.45 0.00	46.48 2.67 -0.02	47.32 2.68 0.00	55.30 3.96 -0.62	64.95 4.91 -0.82	68.78 5.12 -0.48	61.54 4.13 -0.04	50.42 2.40 0.00	47.16 1.77 0.00	40.77 1.83 0.00	35.98 1.71 0.00	33.16 1.46 0.00
BOWLINE___2 23595	28.18 1.65 0.00	26.20 1.55 0.00	25.59 1.43 0.00	24.80 1.31 0.00	24.46 1.21 0.00	25.66 1.27 0.00	26.79 1.49 0.00	30.95 1.72 0.00	33.81 1.99 -0.18	36.52 2.27 -0.41	35.85 2.09 0.00	39.75 2.28 -0.14	43.30 2.53 0.00	46.52 2.72 -0.02	47.41 2.77 0.00	55.40 4.06 -0.62	65.06 5.03 -0.82	68.91 5.24 -0.48	61.65 4.24 -0.04	50.52 2.50 0.00	47.26 1.86 0.00	40.85 1.91 0.00	36.01 1.75 0.00	33.22 1.52 0.00
BRADY___115KV_TB2 356060	25.84 -0.69 0.00	24.00 -0.64 0.00	23.56 -0.60 0.00	22.94 -0.54 0.00	22.83 -0.42 0.00	23.96 -0.44 0.00	24.75 -0.56 0.00	28.61 -0.61 0.00	31.10 -0.54 0.00	33.34 -0.51 0.00	33.25 -0.51 0.00	36.82 -0.52 0.00	40.16 -0.61 0.00	43.18 -0.61 0.00	43.74 -0.89 0.00	48.69 -2.03 0.00	56.38 -2.84 0.00	49.70 -3.60 9.88	52.80 -2.81 1.75	47.01 -1.01 0.00	45.17 -0.23 0.00	38.47 -0.47 0.00	33.68 -0.58 0.00	31.00 -0.70 0.00
BRANSCOMB___SOLAR 323811	27.94 1.41 0.00	25.95 1.31 0.00	25.44 1.28 0.00	24.77 1.29 0.00	24.46 1.21 0.00	25.76 1.37 0.00	26.62 1.31 0.00	30.65 1.43 0.00	33.05 1.68 0.26	35.02 1.76 0.58	35.35 1.59 0.00	38.83 1.68 0.19	42.68 1.92 0.00	45.82 2.06 0.02	46.78 2.14 0.00	52.76 2.94 0.89	62.19 4.14 1.17	66.98 4.49 0.69	61.43 4.13 0.06	51.29 3.27 0.00	47.93 2.54 0.00	41.08 2.14 0.00	36.25 1.99 0.00	33.35 1.65 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	35.92 2.94 -6.45	34.71 2.76 -7.30	32.92 2.63 -6.12	29.41 2.47 -3.46	29.68 2.35 -4.08	31.39 2.49 -4.51	33.17 2.86 -5.01	34.04 3.27 -1.55	37.14 3.76 -1.73	38.99 4.06 -1.09	42.09 3.81 -4.52	41.23 3.62 -0.27	46.95 4.16 -2.02	48.14 4.34 -0.02	53.81 4.20 -4.97	60.84 5.43 -4.70	71.40 6.28 -5.91	78.13 6.44 -8.50	69.18 5.62 -6.19	63.98 3.55 -12.40	50.40 3.13 -1.88	42.62 3.43 -0.26	43.52 3.08 -6.17	34.85 3.11 -0.04
BRISTLHL_115KV_TB1 79998	26.42 -0.11 0.00	24.52 -0.12 0.00	23.97 -0.19 0.00	23.27 -0.21 0.00	23.07 -0.19 0.00	24.22 -0.17 0.00	25.15 -0.15 0.00	29.08 -0.15 0.00	31.26 -0.38 0.00	33.37 -0.47 0.00	33.46 -0.30 0.00	37.08 -0.26 0.00	40.52 -0.24 0.00	44.76 -0.22 -1.19	45.88 -0.18 -1.43	54.07 0.10 -3.26	63.10 0.12 -3.76	69.78 0.25 -6.35	61.95 0.40 -4.19	50.85 0.43 -2.39	45.48 0.09 0.00	38.90 -0.04 0.00	34.13 -0.14 0.00	31.70 0.00 0.00
BROOKHAVEN___DRP 24191	35.71 2.73 -6.45	34.71 2.76 -7.30	32.94 2.66 -6.12	29.41 2.47 -3.46	29.66 2.33 -4.08	31.37 2.46 -4.51	33.15 2.83 -5.01	33.78 3.01 -1.55	36.95 3.57 -1.73	38.83 3.89 -1.09	40.45 3.65 -3.04	41.59 3.51 -0.75	48.99 4.16 -4.06	48.19 4.38 -0.03	58.82 4.37 -9.81	76.14 5.53 -19.90	90.50 6.40 -24.89	113.06 6.63 -43.25	97.84 5.85 -34.63	111.09 3.79 -59.27	57.55 3.18 -8.98	45.23 3.35 -2.94	38.95 2.88 -1.81	34.72 2.98 -0.04
BROOKLYN_NAVY_YARD 23515	28.55 2.02 0.00	26.49 1.85 0.00	25.85 1.69 0.00	25.03 1.55 0.00	24.67 1.42 0.00	25.91 1.51 0.00	27.15 1.85 0.00	31.47 2.25 0.00	34.49 2.66 -0.20	37.33 3.05 -0.44	36.43 2.67 0.00	40.36 2.88 -0.15	43.95 3.18 0.00	47.22 3.42 -0.02	48.07 3.44 0.00	56.37 4.97 -0.68	66.26 6.16 -0.88	70.21 6.51 -0.52	62.57 5.16 -0.05	50.95 2.93 0.00	47.62 2.22 0.00	41.24 2.30 0.00	36.49 2.23 0.00	33.67 1.97 0.00
BROOKLYN___ARMY_DRP 323595	28.87 2.33 -0.01	26.80 2.14 -0.01	26.15 1.98 0.00	25.29 1.81 0.00	24.90 1.65 0.00	26.10 1.71 0.00	27.40 2.10 0.00	31.68 2.45 0.00	34.72 2.88 -0.20	37.58 3.28 -0.45	36.74 2.97 -0.01	40.66 3.17 -0.15	44.11 3.34 0.00	47.31 3.50 -0.02	48.12 3.48 0.00	81.57 5.22 -25.63	81.41 6.40 -15.80	77.96 6.82 -7.95	101.67 5.39 -38.92	50.94 2.93 0.01	47.52 2.13 0.01	41.47 2.53 0.00	36.73 2.47 0.00	33.86 2.16 0.00



BROOKVLE_69_KV_TB1 55790	35.52 2.55 -6.45	34.31 2.37 -7.30	32.51 2.22 -6.12	29.01 2.07 -3.46	29.28 1.95 -4.08	30.95 2.05 -4.51	32.67 2.35 -5.01	33.54 2.78 -1.55	36.57 3.20 -1.73	38.49 3.55 -1.09	39.50 3.31 -2.44	40.96 3.47 -0.15	46.24 4.00 -1.48	48.01 4.20 -0.02	52.66 4.33 -3.69	57.12 5.73 -0.67	66.85 6.75 -0.88	70.72 7.01 -0.52	63.26 5.85 -0.05	51.77 3.75 0.00	48.44 3.04 0.00	42.02 3.08 0.00	37.07 2.81 0.00	34.41 2.66 -0.04
BROOME_2_LFGE 323671	27.46 0.93 0.00	25.46 0.81 0.00	24.86 0.70 0.00	24.12 0.63 0.00	23.90 0.65 0.00	25.13 0.73 0.00	26.16 0.86 0.00	30.22 0.99 0.00	32.52 0.88 0.00	34.69 0.85 0.00	34.84 1.08 0.00	38.57 1.23 0.00	42.11 1.34 -0.21	45.31 1.31 -0.25	46.32 1.43 -0.58	53.32 2.03 -0.67	62.43 2.54 -0.81	66.77 2.78 -0.69	60.74 2.70 -0.42	50.89 2.45 0.00	47.30 1.91 0.00	40.54 1.60 0.00	35.46 1.20 0.00	32.84 1.14 0.00
BROOME___LFGE 323600	27.46 0.93 0.00	25.46 0.81 0.00	24.86 0.70 0.00	24.12 0.63 0.00	23.90 0.65 0.00	25.13 0.73 0.00	26.16 0.86 0.00	30.22 0.99 0.00	32.52 0.88 0.00	34.69 0.85 0.00	34.84 1.08 0.00	38.57 1.23 0.00	42.11 1.34 -0.21	45.31 1.31 -0.25	46.32 1.43 -0.58	53.32 2.03 -0.67	62.43 2.54 -0.81	66.77 2.78 -0.69	60.74 2.70 -0.42	50.89 2.45 0.00	47.30 1.91 0.00	40.54 1.60 0.00	35.46 1.20 0.00	32.84 1.14 0.00
BROWNFLS_115KV_TB_3_5 80003	26.00 -0.53 0.00	24.13 -0.52 0.00	23.66 -0.51 0.00	23.01 -0.47 0.00	22.90 -0.35 0.00	24.05 -0.34 0.00	24.92 -0.38 0.00	28.81 -0.41 0.00	31.23 -0.41 0.00	33.37 -0.47 0.00	33.29 -0.47 0.00	36.93 -0.41 0.00	40.28 -0.49 0.00	43.54 -0.48 -0.24	44.12 -0.80 -0.28	49.98 -1.32 -0.58	58.00 -1.89 -0.67	92.67 -2.27 -31.76	62.21 -1.32 -6.17	48.45 0.00 -0.43	45.85 0.45 0.00	38.86 -0.08 0.00	33.92 -0.34 0.00	31.19 -0.51 0.00
BROWNSV1_27_KV_LOAD 356125	28.84 2.31 0.00	26.76 2.12 0.00	26.12 1.96 0.00	25.29 1.81 0.00	24.90 1.65 0.00	26.15 1.76 0.00	27.43 2.13 0.00	31.76 2.54 0.00	34.81 2.97 -0.20	37.60 3.32 -0.44	36.80 3.04 0.00	40.81 3.32 -0.15	44.44 3.67 0.00	47.70 3.90 -0.02	48.57 3.93 0.00	57.02 5.63 -0.67	66.97 6.87 -0.88	70.97 7.27 -0.52	63.26 5.85 -0.05	51.53 3.51 0.00	48.03 2.63 0.00	41.70 2.76 0.00	36.83 2.57 0.00	34.01 2.31 0.00
BURROWS___LYONSDAL 23803	27.09 0.56 0.00	25.09 0.44 0.00	24.60 0.43 0.00	23.91 0.42 0.00	23.74 0.49 0.00	24.93 0.54 0.00	25.91 0.61 0.00	29.92 0.70 0.00	32.36 0.73 0.00	34.69 0.85 0.00	34.77 1.01 0.00	38.57 1.23 0.00	42.11 1.35 -0.12	45.36 1.45 -0.15	45.99 1.21 -0.48	52.41 1.22 -0.55	61.13 1.36 -0.55	74.28 1.52 -9.59	61.57 2.06 -2.15	50.49 2.11 -0.35	47.53 2.13 0.00	40.26 1.32 0.00	35.19 0.93 0.00	32.40 0.70 0.00
CAITHNESS_CC_1 323624	35.68 2.71 -6.45	34.63 2.69 -7.30	32.87 2.59 -6.12	29.34 2.40 -3.46	29.61 2.28 -4.08	31.32 2.42 -4.51	33.07 2.76 -5.01	33.75 2.98 -1.55	36.88 3.51 -1.73	38.82 3.89 -1.09	40.31 3.51 -3.04	41.67 3.58 -0.74	48.85 4.04 -4.05	48.58 4.25 -0.55	58.66 4.24 -9.78	75.89 5.37 -19.80	90.32 6.34 -24.76	112.63 6.57 -42.88	120.33 5.74 -57.24	110.64 3.65 -58.97	57.50 3.18 -8.93	44.65 2.84 -2.87	38.88 2.81 -1.80	34.66 2.91 -0.04
CALPINE BETH_PAGE_GT4 24209	35.63 2.65 -6.45	34.41 2.46 -7.30	32.60 2.32 -6.12	29.11 2.16 -3.46	29.38 2.05 -4.08	31.05 2.15 -4.51	32.79 2.48 -5.01	33.66 2.89 -1.55	36.57 3.20 -1.73	38.45 3.52 -1.09	39.55 3.24 -2.55	40.78 3.29 -0.15	46.07 3.79 -1.51	47.79 3.98 -0.02	52.47 4.06 -3.77	56.97 5.33 -0.93	66.58 6.16 -1.20	70.64 6.38 -1.07	62.86 5.45 -0.05	52.22 3.41 -0.78	48.33 2.81 -0.12	41.97 3.00 -0.03	37.24 2.64 -0.34	34.34 2.60 -0.04
CALPINE_BETH_PAGE_GT_4 323586	35.63 2.65 -6.45	34.41 2.46 -7.30	32.60 2.32 -6.12	29.10 2.16 -3.46	29.38 2.05 -4.08	31.05 2.15 -4.51	32.77 2.45 -5.01	33.66 2.89 -1.55	36.57 3.19 -1.73	38.49 3.55 -1.09	39.55 3.24 -2.55	40.93 3.43 -0.15	46.11 3.83 -1.51	48.35 4.03 -0.54	52.52 4.10 -3.77	56.97 5.32 -0.93	66.69 6.27 -1.20	70.76 6.51 -1.07	63.67 5.51 -0.81	52.27 3.46 -0.78	48.46 2.95 -0.12	41.74 2.77 -0.03	37.27 2.67 -0.34	34.34 2.60 -0.04
CALPINE_BP_GT1 23823	35.63 2.65 -6.45	34.41 2.46 -7.30	32.60 2.32 -6.12	29.10 2.16 -3.46	29.38 2.05 -4.08	31.05 2.15 -4.51	32.77 2.45 -5.01	33.66 2.89 -1.55	36.57 3.19 -1.73	38.49 3.55 -1.09	39.55 3.24 -2.55	40.93 3.43 -0.15	46.11 3.83 -1.51	48.35 4.03 -0.54	52.52 4.10 -3.77	56.97 5.32 -0.93	66.69 6.27 -1.20	70.76 6.51 -1.07	63.67 5.51 -0.81	52.27 3.46 -0.78	48.46 2.95 -0.12	41.74 2.77 -0.03	37.27 2.67 -0.34	34.34 2.60 -0.04
CALSPAN___DRP 24200	28.57 2.04 0.00	26.42 1.77 0.00	25.61 1.45 0.00	24.68 1.20 0.00	24.46 1.21 0.00	25.81 1.41 0.00	26.97 1.67 0.00	30.95 1.72 0.00	32.84 1.20 0.00	34.93 1.08 0.00	35.28 1.52 0.00	39.09 1.75 0.00	42.77 2.00 0.00	45.15 1.36 0.00	46.42 1.79 0.00	52.95 2.23 0.00	62.00 2.78 0.00	67.09 3.10 -0.81	60.26 2.75 -0.14	51.34 3.31 0.00	48.03 2.63 0.00	41.28 2.34 0.00	36.05 1.78 0.00	33.92 2.22 0.00
CALVERTON___SOLAR 323806	35.82 2.84 -6.45	34.83 2.88 -7.30	33.04 2.75 -6.12	29.50 2.56 -3.46	29.77 2.44 -4.08	31.49 2.58 -4.51	33.25 2.93 -5.01	33.90 3.13 -1.55	37.07 3.70 -1.73	39.03 4.09 -1.09	40.62 3.81 -3.04	42.00 3.92 -0.75	49.28 4.44 -4.07	49.02 4.69 -0.55	59.15 4.69 -9.82	76.44 5.78 -19.94	90.97 6.81 -24.94	113.72 7.14 -43.40	121.39 6.37 -57.66	111.56 4.13 -59.41	58.02 3.63 -9.00	45.10 3.19 -2.97	39.12 3.05 -1.81	34.88 3.14 -0.04
CANDIGU_WT_PWR 323617	28.15 1.62 0.00	26.07 1.43 0.00	25.35 1.18 0.00	24.49 1.01 0.00	24.27 1.02 0.00	25.64 1.24 0.00	26.79 1.49 0.00	30.86 1.64 0.00	32.93 1.30 0.00	34.90 1.05 0.00	35.28 1.52 0.00	39.02 1.68 0.00	42.56 1.79 0.00	45.23 1.44 0.00	46.38 1.74 0.00	53.15 2.43 0.00	62.12 2.90 0.00	67.25 3.28 -0.78	60.65 3.15 -0.14	51.58 3.55 0.00	48.03 2.63 0.00	41.24 2.30 0.00	35.98 1.71 0.00	33.57 1.87 0.00
CARR STREET_E_SYR 24060	26.61 0.08 0.00	24.67 0.02 0.00	24.14 -0.02 0.00	23.41 -0.07 0.00	23.18 -0.07 0.00	24.37 -0.02 0.00	25.33 0.03 0.00	29.22 0.00 0.00	31.38 -0.25 0.00	33.47 -0.37 0.00	33.59 -0.17 0.00	37.23 -0.11 0.00	40.69 -0.08 0.00	44.02 -0.04 -0.27	45.01 0.04 -0.33	51.87 0.40 -0.75	60.55 0.47 -0.87	66.27 0.57 -2.52	59.14 0.63 -1.15	49.29 0.72 -0.55	45.62 0.23 0.00	39.02 0.08 0.00	34.20 -0.07 0.00	31.80 0.10 0.00
CARTHAGE___PAPER 23857	26.90 0.37 0.00	24.92 0.27 0.00	24.43 0.27 0.00	23.72 0.23 0.00	23.60 0.35 0.00	24.81 0.41 0.00	25.76 0.46 0.00	29.75 0.53 0.00	32.11 0.48 0.00	34.12 0.27 0.00	34.13 0.37 0.00	37.93 0.60 0.00	41.34 0.57 0.00	44.92 0.66 -0.47	45.38 0.18 -0.57	52.29 0.36 -1.22	60.86 0.24 -1.41	79.48 0.38 -15.91	62.70 1.37 -3.96	51.03 2.11 -0.89	47.66 2.27 0.00	40.22 1.28 0.00	35.05 0.79 0.00	32.18 0.48 0.00

CASSADAGA_WT_PWR 323784	29.40 2.87 0.00	27.21 2.56 0.00	26.31 2.15 0.00	25.36 1.88 0.00	25.16 1.91 0.00	26.64 2.24 0.00	27.98 2.68 0.00	32.23 3.01 0.00	34.29 2.66 0.00	36.25 2.40 0.00	36.86 3.10 0.00	40.77 3.43 0.00	44.72 3.95 0.00	47.11 3.33 0.00	48.30 3.66 0.00	55.28 4.57 0.00	64.43 5.21 0.00	69.48 5.49 -0.81	62.55 5.05 -0.14	53.73 5.71 0.00	49.85 4.45 0.00	42.91 3.97 0.00	37.31 3.05 0.00	35.00 3.30 0.00
CE_DUNWOOD___DRP 24194	28.39 1.86 0.00	26.37 1.73 0.00	25.78 1.62 0.00	24.99 1.50 0.00	24.62 1.37 0.00	25.86 1.46 0.00	27.00 1.70 0.00	31.24 2.02 0.00	34.17 2.34 -0.20	36.92 2.64 -0.44	36.19 2.43 0.00	40.13 2.65 -0.15	43.70 2.94 0.00	46.96 3.15 -0.02	47.81 3.17 0.00	56.00 4.62 -0.67	65.72 5.63 -0.88	69.64 5.94 -0.52	62.17 4.76 -0.05	50.90 2.88 0.00	47.48 2.09 0.00	41.16 2.22 0.00	36.32 2.06 0.00	33.54 1.84 0.00
CE_MILLWOOD___DRP 24193	28.33 1.80 0.00	26.32 1.68 0.00	25.73 1.57 0.00	24.92 1.43 0.00	24.58 1.33 0.00	25.79 1.39 0.00	26.92 1.62 0.00	31.15 1.93 0.00	34.08 2.25 -0.19	36.79 2.50 -0.43	36.09 2.33 0.00	39.98 2.50 -0.14	43.58 2.81 0.00	46.83 3.02 -0.02	47.67 3.04 0.00	55.85 4.46 -0.67	65.54 5.45 -0.87	69.38 5.69 -0.52	62.05 4.65 -0.05	50.81 2.79 0.00	47.39 2.00 0.00	41.04 2.10 0.00	36.22 1.95 0.00	33.44 1.74 0.00
CE_NYC2_DRP 24202	28.68 2.15 0.00	26.64 2.00 0.00	26.00 1.84 0.00	25.17 1.69 0.00	24.79 1.53 0.00	26.01 1.61 0.00	27.30 2.00 0.00	31.59 2.37 0.00	34.62 2.78 -0.20	37.41 3.11 -0.45	36.57 2.80 -0.01	40.43 2.95 -0.15	43.91 3.14 0.00	47.13 3.33 -0.02	47.94 3.30 0.00	56.26 4.87 -0.67	66.08 5.98 -0.88	70.02 6.32 -0.52	62.40 4.99 -0.05	50.70 2.69 0.01	47.34 1.95 0.01	41.24 2.30 0.00	36.56 2.30 0.00	33.73 2.03 0.00
CE_NYC_DRP 24195	28.57 2.04 0.00	26.54 1.90 0.00	25.93 1.76 0.00	25.08 1.60 0.00	24.72 1.46 0.00	25.93 1.54 0.00	27.17 1.87 0.00	31.50 2.28 0.00	34.49 2.66 -0.20	37.26 2.98 -0.44	36.46 2.70 0.00	40.43 2.95 -0.15	44.03 3.26 0.00	47.31 3.50 -0.02	48.16 3.53 0.00	56.51 5.12 -0.67	66.32 6.22 -0.88	70.21 6.51 -0.52	62.57 5.16 -0.05	51.00 2.98 0.00	47.57 2.18 0.00	41.32 2.38 0.00	36.53 2.26 0.00	33.73 2.03 0.00
CHAFFEE___LFGE 323603	28.60 2.07 0.00	26.44 1.80 0.00	25.61 1.45 0.00	24.70 1.22 0.00	24.48 1.23 0.00	25.83 1.44 0.00	27.10 1.80 0.00	31.00 1.78 0.00	32.93 1.30 0.00	34.83 0.98 0.00	35.35 1.59 0.00	39.13 1.79 0.00	42.85 2.08 0.00	45.15 1.36 0.00	46.38 1.74 0.00	53.15 2.43 0.00	62.12 2.90 0.00	67.15 3.16 -0.81	60.26 2.75 -0.14	51.82 3.79 0.00	48.12 2.72 0.00	41.43 2.49 0.00	36.08 1.81 0.00	34.01 2.31 0.00
CHATEAUG_35_KV_LOAD 355732	25.58 -0.96 0.00	23.81 -0.84 0.00	23.39 -0.77 0.00	22.83 -0.66 0.00	22.76 -0.49 0.00	23.98 -0.41 0.00	24.87 -0.43 0.00	28.90 -0.32 0.00	31.54 -0.09 0.00	33.85 0.00 0.00	33.66 -0.10 0.00	37.23 -0.11 0.00	40.48 -0.29 0.00	43.57 -0.22 0.00	44.37 -0.27 0.00	49.55 -1.17 0.00	57.20 -2.01 0.00	54.69 -1.90 6.60	55.05 -1.15 1.17	47.78 -0.24 0.00	45.62 0.23 0.00	38.90 -0.04 0.00	33.96 -0.31 0.00	31.26 -0.44 0.00
CHATEAUG_WT_PWR 323614	25.60 -0.93 0.00	23.86 -0.79 0.00	23.44 -0.72 0.00	22.87 -0.61 0.00	22.81 -0.44 0.00	24.03 -0.37 0.00	24.92 -0.38 0.00	28.96 -0.26 0.00	31.57 -0.06 0.00	33.85 0.00 0.00	33.69 -0.07 0.00	37.26 -0.07 0.00	40.52 -0.24 0.00	43.66 -0.13 0.00	44.50 -0.13 0.00	49.70 -1.01 0.00	57.44 -1.77 0.00	55.81 -1.77 5.60	55.34 -1.03 0.99	47.78 -0.24 0.00	45.62 0.23 0.00	38.94 0.00 0.00	34.03 -0.24 0.00	31.32 -0.38 0.00
CHAT_HIGH_FALL_HYD 323578	25.58 -0.95 0.00	23.81 -0.84 0.00	23.39 -0.77 0.00	22.83 -0.66 0.00	22.76 -0.49 0.00	23.98 -0.41 0.00	24.87 -0.43 0.00	28.90 -0.32 0.00	31.54 -0.09 0.00	33.78 -0.07 0.00	33.66 -0.10 0.00	37.23 -0.11 0.00	40.48 -0.28 0.00	43.57 -0.22 0.00	44.37 -0.27 0.00	49.55 -1.16 0.00	57.20 -2.01 0.00	54.63 -1.96 6.60	54.99 -1.21 1.17	47.69 -0.33 0.00	45.53 0.14 0.00	38.90 -0.04 0.00	33.96 -0.31 0.00	31.26 -0.44 0.00
CHAUTAUQUA___LFGE 323629	29.05 2.52 0.00	26.89 2.24 0.00	26.02 1.86 0.00	25.10 1.62 0.00	24.88 1.63 0.00	26.30 1.90 0.00	27.60 2.30 0.00	31.70 2.48 0.00	33.76 2.12 0.00	35.67 1.83 0.00	36.19 2.43 0.00	40.06 2.72 0.00	43.91 3.14 0.00	46.37 2.58 0.00	47.58 2.95 0.00	54.47 3.75 0.00	63.60 4.38 0.00	68.73 4.74 -0.81	61.75 4.24 -0.14	53.06 5.04 0.00	49.12 3.72 0.00	42.29 3.35 0.00	36.80 2.54 0.00	34.58 2.88 0.00
CHERRYST_13_KV_LD 356241	28.68 2.15 0.00	26.62 1.97 0.00	26.00 1.84 0.00	25.17 1.69 0.00	24.81 1.56 0.00	26.03 1.63 0.00	27.30 2.00 0.00	31.65 2.43 0.00	34.65 2.82 -0.20	37.47 3.18 -0.44	36.66 2.90 0.00	40.66 3.17 -0.15	44.23 3.47 0.00	47.53 3.72 -0.02	48.39 3.75 0.00	56.82 5.43 -0.67	66.67 6.57 -0.88	70.59 6.89 -0.52	62.86 5.45 -0.05	51.19 3.17 0.00	47.75 2.36 0.00	41.47 2.53 0.00	36.63 2.36 0.00	33.82 2.12 0.00
CHESTROR_138KV_BK263 355645	27.96 1.43 0.00	25.98 1.33 0.00	25.40 1.23 0.00	24.63 1.15 0.00	24.30 1.05 0.00	25.47 1.07 0.00	26.57 1.27 0.00	30.65 1.43 0.00	33.44 1.65 -0.16	36.03 1.83 -0.36	35.48 1.72 0.00	39.32 1.87 -0.12	42.85 2.08 0.00	46.08 2.28 -0.01	46.91 2.28 0.00	54.72 3.45 -0.55	64.20 4.26 -0.72	68.03 4.42 -0.43	61.01 3.61 -0.04	50.18 2.16 0.00	46.94 1.54 0.00	40.61 1.67 0.00	35.81 1.54 0.00	33.06 1.36 0.00
CH_MIDHUDSON___DRP 24192	28.18 1.64 0.00	26.20 1.55 0.00	25.61 1.45 0.00	24.85 1.36 0.00	24.49 1.23 0.00	25.64 1.24 0.00	26.74 1.44 0.00	30.80 1.58 0.00	33.67 1.90 -0.13	36.24 2.10 -0.29	35.75 1.99 0.00	39.56 2.13 -0.10	43.13 2.36 0.00	46.38 2.58 -0.01	47.27 2.63 0.00	55.07 3.91 -0.45	64.66 4.86 -0.59	68.52 4.99 -0.35	61.46 4.07 -0.03	50.52 2.50 0.00	47.21 1.82 0.00	40.89 1.95 0.00	36.08 1.82 0.00	33.32 1.62 0.00
CH_MISC_IPPS 23765	28.34 1.80 0.00	26.32 1.68 0.00	25.71 1.55 0.00	24.92 1.43 0.00	24.53 1.28 0.00	25.69 1.29 0.00	26.79 1.49 0.00	30.89 1.66 0.00	33.78 1.99 -0.15	36.44 2.27 -0.33	35.89 2.13 0.00	39.72 2.28 -0.11	43.34 2.57 0.00	46.65 2.84 -0.01	47.54 2.90 0.00	55.48 4.26 -0.50	65.14 5.27 -0.66	69.01 5.43 -0.39	61.93 4.53 -0.03	50.81 2.78 0.00	47.62 2.22 0.00	41.16 2.22 0.00	36.32 2.06 0.00	33.51 1.81 0.00
CH_RES_BVR_FALLS 23983	26.03 -0.50 0.00	24.20 -0.44 0.00	23.73 -0.43 0.00	23.08 -0.40 0.00	22.88 -0.37 0.00	24.00 -0.39 0.00	24.87 -0.43 0.00	28.75 -0.47 0.00	31.19 -0.44 0.00	33.37 -0.47 0.00	33.29 -0.47 0.00	36.82 -0.52 0.00	40.20 -0.57 0.00	43.18 -0.61 0.00	43.92 -0.72 0.00	49.45 -1.27 0.00	57.56 -1.66 0.00	59.25 -1.83 2.10	55.44 -1.55 0.37	46.97 -1.06 0.00	44.76 -0.64 0.00	38.39 -0.55 0.00	33.75 -0.51 0.00	31.16 -0.54 0.00

CH_RES_NIAGARA 23895	27.64 1.11 0.00	25.56 0.91 0.00	25.03 0.87 0.00	23.88 0.40 0.00	23.65 0.39 0.00	24.93 0.54 0.00	26.14 0.83 0.00	29.78 0.55 0.00	31.51 -0.13 0.00	33.37 -0.47 0.00	33.73 -0.03 0.00	37.26 -0.07 0.00	40.69 -0.08 0.00	43.14 -0.52 0.13	44.31 -0.18 0.15	50.57 0.20 0.35	58.87 0.06 0.40	63.70 0.19 -0.33	57.15 0.06 0.27	49.64 1.87 0.26	45.76 0.36 0.00	39.44 0.50 0.00	34.47 0.21 0.00	32.71 1.01 0.00
CH_RES_SYRACUSE 23985	26.80 0.27 0.00	24.84 0.20 0.00	24.29 0.12 0.00	23.55 0.07 0.00	23.35 0.09 0.00	24.54 0.15 0.00	25.50 0.20 0.00	29.48 0.26 0.00	31.73 0.10 0.00	33.85 0.00 0.00	34.00 0.24 0.00	37.64 0.30 0.00	41.13 0.37 0.00	44.88 0.48 -0.61	45.99 0.62 -0.73	53.40 1.01 -1.67	62.33 1.18 -1.93	68.24 1.39 -3.67	60.96 1.37 -2.23	50.59 1.34 -1.23	46.25 0.86 0.00	39.52 0.58 0.00	34.64 0.38 0.00	32.14 0.44 0.00
CLINTON_WT_PWR 323605	25.60 -0.93 0.00	23.86 -0.79 0.00	23.44 -0.72 0.00	22.87 -0.61 0.00	22.81 -0.44 0.00	24.03 -0.37 0.00	24.92 -0.38 0.00	28.96 -0.26 0.00	31.57 -0.06 0.00	33.85 0.00 0.00	33.69 -0.07 0.00	37.26 -0.07 0.00	40.52 -0.24 0.00	43.66 -0.13 0.00	44.50 -0.13 0.00	49.70 -1.01 0.00	57.44 -1.77 0.00	55.81 -1.77 5.60	55.34 -1.03 0.99	47.78 -0.24 0.00	45.62 0.23 0.00	38.94 0.00 0.00	34.03 -0.24 0.00	31.32 -0.38 0.00
CLINTON___LFGE 323618	25.82 -0.72 0.00	24.03 -0.62 0.00	23.61 -0.55 0.00	23.04 -0.45 0.00	23.02 -0.23 0.00	24.23 -0.17 0.00	25.13 -0.18 0.00	29.19 -0.03 0.00	31.86 0.22 0.00	34.15 0.30 0.00	34.00 0.24 0.00	37.64 0.30 0.00	40.93 0.16 0.00	44.10 0.31 0.00	44.95 0.31 0.00	50.21 -0.51 0.00	57.86 -1.36 0.00	56.12 -1.20 5.86	55.92 -0.40 1.04	48.40 0.38 0.00	46.16 0.77 0.00	39.41 0.47 0.00	34.37 0.10 0.00	31.60 -0.09 0.00
COBBLENY_34_KV_TB1 80064	28.60 2.07 0.00	26.44 1.80 0.00	25.61 1.45 0.00	24.71 1.22 0.00	24.49 1.23 0.00	25.83 1.44 0.00	27.02 1.72 0.00	31.00 1.78 0.00	32.93 1.30 0.00	35.03 1.18 0.00	35.38 1.62 0.00	39.24 1.90 0.00	42.93 2.16 0.00	45.28 1.49 0.00	46.56 1.92 0.00	53.10 2.38 0.00	62.18 2.96 0.00	67.34 3.35 -0.81	60.49 2.98 -0.14	51.48 3.46 0.00	48.21 2.81 0.00	41.43 2.49 0.00	36.18 1.92 0.00	34.01 2.31 0.00
COFFEEN___115KV_TB3 355620	27.41 0.88 0.00	25.31 0.67 0.00	24.82 0.65 0.00	24.07 0.59 0.00	24.00 0.74 0.00	25.20 0.81 0.00	26.21 0.91 0.00	30.27 1.05 0.00	32.62 0.98 0.00	34.66 0.81 0.00	34.70 0.95 0.00	38.65 1.31 0.00	42.07 1.30 0.00	45.80 1.45 -0.57	46.30 0.98 -0.68	53.62 1.42 -1.49	62.42 1.48 -1.72	78.96 1.83 -13.94	64.21 2.98 -3.87	52.62 3.51 -1.09	48.93 3.54 0.00	41.12 2.18 0.00	35.74 1.47 0.00	32.78 1.08 0.00
COLDSPRG_115KV_BK1 355956	29.40 2.87 0.00	27.21 2.56 0.00	26.31 2.15 0.00	25.39 1.90 0.00	25.18 1.93 0.00	26.66 2.27 0.00	27.98 2.68 0.00	32.32 3.10 0.00	34.42 2.78 0.00	36.55 2.71 0.00	36.97 3.21 0.00	40.85 3.51 0.00	44.80 4.04 0.00	46.99 3.20 0.00	48.16 3.53 0.00	54.93 4.21 0.00	64.13 4.92 0.00	69.23 5.24 -0.80	62.32 4.82 -0.14	53.02 4.99 0.00	49.89 4.49 0.00	42.91 3.97 0.00	37.49 3.22 0.00	35.03 3.33 0.00
COLONIE_LFGE___ 323577	27.64 1.11 0.00	25.70 1.06 0.00	25.23 1.06 0.00	24.56 1.08 0.00	24.25 1.00 0.00	25.44 1.05 0.00	26.32 1.01 0.00	30.33 1.11 0.00	32.67 1.33 0.30	34.63 1.45 0.67	35.11 1.35 0.00	38.50 1.38 0.22	42.32 1.55 0.00	45.43 1.66 0.03	46.38 1.74 0.00	52.22 2.53 1.03	61.24 3.37 1.35	65.98 3.60 0.80	60.33 3.04 0.07	50.23 2.21 0.00	47.03 1.63 0.00	40.34 1.40 0.00	35.70 1.44 0.00	32.90 1.20 0.00
COOPERNY_115KV_TB1 80082	27.64 1.11 0.00	25.68 1.04 0.00	25.13 0.97 0.00	24.40 0.92 0.00	24.11 0.86 0.00	25.27 0.88 0.00	26.29 0.99 0.00	30.36 1.14 0.00	33.03 1.30 -0.09	35.48 1.42 -0.21	35.14 1.38 0.00	38.86 1.46 -0.07	42.44 1.67 0.00	45.59 1.80 -0.01	46.47 1.83 0.00	53.73 2.69 -0.32	62.96 3.32 -0.42	66.91 3.48 -0.25	60.25 2.87 -0.02	49.80 1.78 0.00	46.71 1.32 0.00	40.26 1.32 0.00	35.46 1.20 0.00	32.75 1.05 0.00
COPENHAGEN_WT_PWR 323753	27.11 0.58 0.00	25.06 0.42 0.00	24.57 0.41 0.00	23.84 0.35 0.00	23.72 0.46 0.00	24.93 0.54 0.00	25.94 0.63 0.00	29.92 0.70 0.00	32.27 0.63 0.00	34.29 0.44 0.00	34.33 0.57 0.00	38.16 0.82 0.00	41.63 0.86 0.00	45.30 0.92 -0.59	45.93 0.58 -0.71	53.24 0.96 -1.56	61.91 0.89 -1.80	77.74 1.14 -13.42	63.33 2.12 -3.84	51.86 2.69 -1.15	48.03 2.63 0.00	40.54 1.60 0.00	35.29 1.03 0.00	32.43 0.73 0.00
CORNELL___ 23752	27.62 1.09 0.00	25.61 0.96 0.00	25.01 0.85 0.00	24.26 0.77 0.00	24.07 0.81 0.00	25.32 0.93 0.00	26.34 1.04 0.00	30.45 1.23 0.00	32.71 1.08 0.00	34.86 1.02 0.00	35.01 1.25 0.00	38.76 1.42 0.00	42.32 1.55 0.00	45.76 1.66 -0.31	46.70 1.70 -0.37	53.89 2.33 -0.84	63.09 2.90 -0.97	68.71 3.41 -2.11	62.08 3.56 -1.17	51.76 3.12 -0.62	48.03 2.63 0.00	40.96 2.02 0.00	35.77 1.51 0.00	33.13 1.43 0.00
CORONA_AAV_69_KV_TB1 355595	35.58 2.60 -6.45	34.36 2.42 -7.30	32.53 2.25 -6.12	29.06 2.11 -3.46	29.33 2.00 -4.08	31.00 2.10 -4.51	32.67 2.35 -5.01	33.54 2.78 -1.54	36.44 3.07 -1.73	38.35 3.42 -1.09	39.44 3.24 -2.44	40.81 3.32 -0.15	46.12 3.87 -1.48	47.92 4.12 -0.02	52.57 4.24 -3.69	56.87 5.48 -0.67	66.44 6.34 -0.88	70.28 6.57 -0.52	62.97 5.56 -0.05	51.67 3.65 0.00	48.34 2.95 0.00	42.02 3.08 0.00	37.01 2.74 0.00	34.41 2.66 -0.04
CORTLAND_115KV_TB3 80093	27.30 0.77 0.00	25.31 0.67 0.00	24.74 0.58 0.00	24.00 0.52 0.00	23.79 0.53 0.00	25.03 0.63 0.00	26.01 0.71 0.00	30.07 0.85 0.00	32.40 0.76 0.00	34.56 0.71 0.00	34.67 0.91 0.00	38.38 1.05 0.00	41.91 1.14 0.00	45.33 1.23 -0.32	46.31 1.29 -0.38	53.42 1.83 -0.87	62.48 2.25 -1.01	68.27 2.59 -2.49	61.26 2.64 -1.26	50.92 2.26 -0.64	47.26 1.86 0.00	40.34 1.40 0.00	35.33 1.06 0.00	32.68 0.98 0.00
COXSACKIE___GT 23611	28.15 1.62 0.00	26.07 1.43 0.00	25.54 1.38 0.00	24.85 1.36 0.00	24.41 1.16 0.00	25.59 1.20 0.00	26.59 1.29 0.00	30.33 1.11 0.00	33.15 1.61 0.10	35.31 1.69 0.23	35.01 1.25 0.00	38.87 1.60 0.08	41.91 1.14 0.00	45.22 1.44 0.01	46.29 1.65 0.00	53.20 2.84 0.35	62.67 3.91 0.46	66.89 3.98 0.27	61.06 3.73 0.02	50.61 2.59 0.00	47.57 2.18 0.00	40.92 1.98 0.00	36.46 2.19 0.00	33.57 1.87 0.00
CPV_VALLEY___CC1 323721	27.75 1.22 0.00	25.78 1.13 0.00	25.23 1.06 0.00	24.47 0.99 0.00	24.16 0.91 0.00	25.32 0.93 0.00	26.36 1.06 0.00	30.45 1.23 0.00	33.23 1.46 -0.14	35.81 1.66 -0.31	35.28 1.52 0.00	39.08 1.64 -0.10	42.60 1.84 0.00	45.77 1.97 -0.01	46.65 2.01 0.00	54.23 3.04 -0.47	63.63 3.79 -0.62	67.53 3.98 -0.37	60.60 3.21 -0.03	49.85 1.82 0.00	46.71 1.32 0.00	40.30 1.36 0.00	35.57 1.30 0.00	32.81 1.11 0.00

CPV_VALLEY___CC2 323722	27.75 1.22 0.00	25.78 1.13 0.00	25.23 1.06 0.00	24.47 0.99 0.00	24.16 0.91 0.00	25.32 0.93 0.00	26.36 1.06 0.00	30.45 1.23 0.00	33.23 1.46 -0.14	35.81 1.66 -0.31	35.28 1.52 0.00	39.08 1.64 -0.10	42.60 1.84 0.00	45.77 1.97 -0.01	46.65 2.01 0.00	54.23 3.04 -0.47	63.63 3.79 -0.62	67.53 3.98 -0.37	60.60 3.21 -0.03	49.85 1.82 0.00	46.71 1.32 0.00	40.30 1.36 0.00	35.57 1.30 0.00	32.81 1.11 0.00
CRESCENT___HYD 24018	27.64 1.11 0.00	25.70 1.06 0.00	25.23 1.06 0.00	24.56 1.08 0.00	24.25 1.00 0.00	25.44 1.05 0.00	26.32 1.01 0.00	30.33 1.11 0.00	32.67 1.33 0.30	34.63 1.45 0.67	35.11 1.35 0.00	38.50 1.38 0.22	42.32 1.55 0.00	45.43 1.66 0.03	46.38 1.74 0.00	52.22 2.53 1.03	61.24 3.37 1.35	65.98 3.60 0.80	60.33 3.04 0.07	50.23 2.21 0.00	47.03 1.63 0.00	40.34 1.40 0.00	35.70 1.44 0.00	32.90 1.20 0.00
CRICKET___VALLEY_CC1 323756	27.83 1.30 0.00	25.93 1.28 0.00	25.37 1.21 0.00	24.66 1.17 0.00	24.32 1.07 0.00	25.49 1.10 0.00	26.44 1.14 0.00	30.48 1.26 0.00	30.16 1.49 2.96	28.91 1.73 6.66	35.31 1.55 0.00	36.73 1.60 2.21	42.60 1.84 0.00	45.50 1.97 0.26	46.65 2.01 0.00	43.59 3.09 10.23	49.68 3.85 13.38	59.33 4.05 7.90	59.86 3.21 0.71	49.89 1.87 0.00	46.71 1.32 0.00	40.22 1.28 0.00	35.64 1.37 0.00	32.87 1.17 0.00
CRICKET___VALLEY_CC2 323757	27.83 1.30 0.00	25.93 1.28 0.00	25.37 1.21 0.00	24.66 1.17 0.00	24.32 1.07 0.00	25.49 1.10 0.00	26.44 1.14 0.00	30.48 1.26 0.00	30.16 1.49 2.96	28.91 1.73 6.66	35.31 1.55 0.00	36.73 1.60 2.21	42.60 1.84 0.00	45.50 1.97 0.26	46.65 2.01 0.00	43.59 3.09 10.23	49.68 3.85 13.38	59.33 4.05 7.90	59.86 3.21 0.71	49.89 1.87 0.00	46.71 1.32 0.00	40.22 1.28 0.00	35.64 1.37 0.00	32.87 1.17 0.00
CRICKET___VALLEY_CC3 323758	27.83 1.30 0.00	25.93 1.28 0.00	25.37 1.21 0.00	24.66 1.17 0.00	24.32 1.07 0.00	25.49 1.10 0.00	26.44 1.14 0.00	30.48 1.26 0.00	30.16 1.49 2.96	28.91 1.73 6.66	35.31 1.55 0.00	36.73 1.60 2.21	42.60 1.84 0.00	45.50 1.97 0.26	46.65 2.01 0.00	43.59 3.09 10.23	49.68 3.85 13.38	59.33 4.05 7.90	59.86 3.21 0.71	49.89 1.87 0.00	46.71 1.32 0.00	40.22 1.28 0.00	35.64 1.37 0.00	32.87 1.17 0.00
CRUCIBLE_METL_DRP 24180	26.80 0.27 0.00	24.84 0.20 0.00	24.28 0.12 0.00	23.55 0.07 0.00	23.35 0.09 0.00	24.54 0.15 0.00	25.50 0.20 0.00	29.48 0.26 0.00	31.73 0.09 0.00	33.88 0.03 0.00	34.00 0.24 0.00	37.67 0.34 0.00	41.18 0.41 0.00	44.93 0.53 -0.61	45.99 0.62 -0.73	53.40 1.01 -1.67	62.34 1.18 -1.93	68.25 1.39 -3.67	61.02 1.43 -2.23	50.50 1.25 -1.23	46.26 0.86 0.00	39.52 0.58 0.00	34.64 0.38 0.00	32.14 0.44 0.00
DAHOWA___HYDRO 323763	27.96 1.43 0.00	25.97 1.33 0.00	25.49 1.33 0.00	24.80 1.31 0.00	24.48 1.23 0.00	25.81 1.41 0.00	26.67 1.37 0.00	30.74 1.52 0.00	33.19 1.80 0.25	35.18 1.89 0.56	35.45 1.69 0.00	38.91 1.76 0.19	42.81 2.04 0.00	45.95 2.19 0.02	46.91 2.28 0.00	52.90 3.04 0.86	62.53 4.44 1.13	67.32 4.80 0.67	61.83 4.53 0.06	51.58 3.55 0.00	48.16 2.77 0.00	41.24 2.30 0.00	36.36 2.09 0.00	33.41 1.71 0.00
DANC___LFGE 323619	26.82 0.29 0.00	24.84 0.20 0.00	24.33 0.17 0.00	23.60 0.12 0.00	23.46 0.21 0.00	24.64 0.24 0.00	25.63 0.33 0.00	29.60 0.38 0.00	31.83 0.19 0.00	33.88 0.03 0.00	33.93 0.17 0.00	37.67 0.34 0.00	41.09 0.32 0.00	44.91 0.39 -0.73	45.74 0.22 -0.87	53.18 0.51 -1.96	61.90 0.42 -2.27	74.35 0.63 -10.53	62.39 1.32 -3.71	51.19 1.73 -1.44	46.94 1.54 0.00	39.84 0.90 0.00	34.78 0.51 0.00	32.11 0.41 0.00
DANSKAMMER___1 23586	28.34 1.80 0.00	26.32 1.68 0.00	25.71 1.55 0.00	24.92 1.43 0.00	24.53 1.28 0.00	25.69 1.29 0.00	26.79 1.49 0.00	30.89 1.66 0.00	33.78 1.99 -0.15	36.44 2.27 -0.33	35.89 2.13 0.00	39.72 2.28 -0.11	43.34 2.57 0.00	46.65 2.84 -0.01	47.54 2.90 0.00	55.48 4.26 -0.50	65.14 5.27 -0.66	69.01 5.43 -0.39	61.93 4.53 -0.03	50.81 2.78 0.00	47.62 2.22 0.00	41.16 2.22 0.00	36.32 2.06 0.00	33.51 1.81 0.00
DANSKAMMER___2 23589	28.34 1.80 0.00	26.32 1.68 0.00	25.71 1.55 0.00	24.92 1.43 0.00	24.53 1.28 0.00	25.69 1.29 0.00	26.79 1.49 0.00	30.89 1.66 0.00	33.78 1.99 -0.15	36.44 2.27 -0.33	35.89 2.13 0.00	39.72 2.28 -0.11	43.34 2.57 0.00	46.65 2.84 -0.01	47.54 2.90 0.00	55.48 4.26 -0.50	65.14 5.27 -0.66	69.01 5.43 -0.39	61.93 4.53 -0.03	50.81 2.78 0.00	47.62 2.22 0.00	41.16 2.22 0.00	36.32 2.06 0.00	33.51 1.81 0.00
DANSKAMMER___3 23590	28.34 1.80 0.00	26.32 1.68 0.00	25.71 1.55 0.00	24.92 1.43 0.00	24.53 1.28 0.00	25.69 1.29 0.00	26.79 1.49 0.00	30.89 1.66 0.00	33.78 1.99 -0.15	36.44 2.27 -0.33	35.89 2.13 0.00	39.72 2.28 -0.11	43.34 2.57 0.00	46.65 2.84 -0.01	47.54 2.90 0.00	55.48 4.26 -0.50	65.14 5.27 -0.66	69.01 5.43 -0.39	61.93 4.53 -0.03	50.81 2.78 0.00	47.62 2.22 0.00	41.16 2.22 0.00	36.32 2.06 0.00	33.51 1.81 0.00
DANSKAMMER___4 23591	28.34 1.80 0.00	26.32 1.68 0.00	25.71 1.55 0.00	24.92 1.43 0.00	24.53 1.28 0.00	25.69 1.29 0.00	26.79 1.49 0.00	30.89 1.66 0.00	33.78 1.99 -0.15	36.44 2.27 -0.33	35.89 2.13 0.00	39.72 2.28 -0.11	43.34 2.57 0.00	46.65 2.84 -0.01	47.54 2.90 0.00	55.48 4.26 -0.50	65.14 5.27 -0.66	69.01 5.43 -0.39	61.93 4.53 -0.03	50.81 2.78 0.00	47.62 2.22 0.00	41.16 2.22 0.00	36.32 2.06 0.00	33.51 1.81 0.00
DANSKAMMER___DIESEL 23592	28.33 1.80 0.00	26.32 1.68 0.00	25.71 1.55 0.00	24.92 1.43 0.00	24.53 1.28 0.00	25.69 1.29 0.00	26.82 1.52 0.00	30.89 1.67 0.00	33.78 1.99 -0.15	36.37 2.20 -0.33	35.85 2.09 0.00	39.72 2.28 -0.11	43.34 2.57 0.00	46.60 2.80 -0.01	47.54 2.90 0.00	55.48 4.26 -0.50	65.09 5.21 -0.66	68.94 5.37 -0.39	61.87 4.47 -0.03	50.81 2.79 0.00	47.48 2.09 0.00	41.16 2.22 0.00	36.29 2.02 0.00	33.51 1.81 0.00
DARBY___SOLAR 323810	27.94 1.41 0.00	25.95 1.31 0.00	25.47 1.30 0.00	24.77 1.29 0.00	24.46 1.21 0.00	25.76 1.37 0.00	26.64 1.34 0.00	30.71 1.49 0.00	33.15 1.77 0.26	35.12 1.86 0.58	35.41 1.65 0.00	38.90 1.76 0.19	42.76 2.00 0.00	45.95 2.19 0.02	46.91 2.28 0.00	52.87 3.04 0.89	62.32 4.27 1.17	67.10 4.61 0.69	61.60 4.30 0.06	51.33 3.31 0.00	47.98 2.59 0.00	41.08 2.14 0.00	36.25 1.99 0.00	33.35 1.65 0.00
DASHVILLE___HYD 23610	27.91 1.38 0.00	25.95 1.31 0.00	25.37 1.21 0.00	24.59 1.10 0.00	24.21 0.95 0.00	25.30 0.90 0.00	26.42 1.11 0.00	30.39 1.17 0.00	33.51 1.80 -0.07	36.03 2.03 -0.15	35.28 1.52 0.00	39.48 2.09 -0.05	42.64 1.88 0.00	45.90 2.10 -0.01	46.69 2.05 0.00	54.95 4.01 -0.23	64.37 4.86 -0.30	68.41 5.05 -0.18	61.45 4.07 -0.02	49.75 1.73 0.00	46.57 1.18 0.00	40.50 1.56 0.00	35.64 1.37 0.00	32.97 1.27 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	36.69 3.71 -6.45	35.64 3.70 -7.30	33.86 3.58 -6.12	30.28 3.33 -3.46	30.54 3.21 -4.08	32.30 3.39 -4.51	34.11 3.80 -5.01	34.92 4.15 -1.55	38.31 4.94 -1.73	40.42 5.48 -1.09	42.27 5.47 -3.04	43.73 5.64 -0.75	51.37 6.52 -4.08	50.60 6.79 -0.03	61.22 6.74 -9.84	78.88 8.17 -20.00	93.64 9.42 -25.01	116.65 9.86 -43.61	101.33 8.83 -35.14	113.75 6.15 -59.58	59.73 5.31 -9.02	47.05 5.10 -3.01	40.33 4.25 -1.81	35.96 4.22 -0.04
DELAWARE___LFGE 323621	27.70 1.17 0.00	25.70 1.06 0.00	25.25 1.09 0.00	24.54 1.06 0.00	24.30 1.05 0.00	25.47 1.07 0.00	26.42 1.11 0.00	30.42 1.20 0.00	32.97 1.33 0.00	36.25 2.40 0.00	36.39 2.63 0.00	40.40 3.06 0.00	44.07 3.30 0.00	47.48 3.46 -0.23	48.48 3.57 -0.27	55.96 4.62 -0.63	66.57 6.63 -0.72	71.27 7.20 -0.88	65.68 7.57 -0.75	55.06 6.58 -0.46	51.52 6.13 0.00	43.42 4.48 0.00	37.76 3.50 0.00	34.71 3.01 0.00
DERFIELD_115KV_TB7 355931	26.69 0.16 0.00	24.79 0.15 0.00	24.31 0.14 0.00	23.65 0.16 0.00	23.42 0.16 0.00	24.57 0.17 0.00	25.48 0.18 0.00	29.43 0.20 0.00	31.89 0.25 0.00	34.08 0.24 0.00	34.00 0.24 0.00	37.64 0.30 0.00	41.05 0.29 0.00	44.10 0.31 0.00	44.90 0.27 0.00	51.17 0.46 0.00	59.81 0.59 0.00	65.27 0.63 -1.45	58.19 0.57 -0.26	48.41 0.38 0.00	45.71 0.32 0.00	39.17 0.23 0.00	34.50 0.24 0.00	31.89 0.19 0.00
DOGLEVILLE___HYD 23807	26.66 0.13 0.00	24.77 0.12 0.00	24.31 0.15 0.00	23.63 0.14 0.00	23.42 0.16 0.00	24.57 0.17 0.00	25.50 0.20 0.00	29.43 0.21 0.00	31.89 0.25 0.00	34.05 0.20 0.00	34.13 0.37 0.00	37.75 0.41 0.00	41.22 0.45 0.00	44.27 0.48 0.00	44.68 0.04 0.00	50.97 0.25 0.00	59.52 0.30 0.00	64.95 0.32 -1.45	58.13 0.52 -0.26	48.36 0.34 0.00	45.85 0.45 0.00	39.21 0.27 0.00	34.51 0.24 0.00	31.89 0.19 0.00
DUNKIRK___115KV_TB_200 55889	28.97 2.44 0.00	26.81 2.17 0.00	25.95 1.79 0.00	25.03 1.55 0.00	24.81 1.56 0.00	26.23 1.83 0.00	27.45 2.15 0.00	31.62 2.40 0.00	33.63 1.99 0.00	35.74 1.90 0.00	36.12 2.36 0.00	40.06 2.73 0.00	43.83 3.06 0.00	46.33 2.54 0.00	47.58 2.95 0.00	54.32 3.60 0.00	63.48 4.26 0.00	68.67 4.68 -0.81	61.75 4.24 -0.14	52.54 4.51 0.00	49.07 3.68 0.00	42.17 3.23 0.00	36.80 2.54 0.00	34.46 2.76 0.00
DUNKIRK___1 23563	28.97 2.44 0.00	26.81 2.17 0.00	25.95 1.79 0.00	25.03 1.55 0.00	24.81 1.56 0.00	26.23 1.83 0.00	27.45 2.15 0.00	31.62 2.40 0.00	33.63 1.99 0.00	35.74 1.90 0.00	36.12 2.36 0.00	40.06 2.73 0.00	43.83 3.06 0.00	46.33 2.54 0.00	47.58 2.95 0.00	54.32 3.60 0.00	63.48 4.26 0.00	68.67 4.68 -0.81	61.75 4.24 -0.14	52.54 4.51 0.00	49.07 3.68 0.00	42.17 3.23 0.00	36.80 2.54 0.00	34.46 2.76 0.00
DUNKIRK___2 23564	28.97 2.44 0.00	26.81 2.17 0.00	25.95 1.79 0.00	25.03 1.55 0.00	24.81 1.56 0.00	26.23 1.83 0.00	27.45 2.15 0.00	31.62 2.40 0.00	33.63 1.99 0.00	35.74 1.90 0.00	36.12 2.36 0.00	40.06 2.73 0.00	43.83 3.06 0.00	46.33 2.54 0.00	47.58 2.95 0.00	54.32 3.60 0.00	63.48 4.26 0.00	68.67 4.68 -0.81	61.75 4.24 -0.14	52.54 4.51 0.00	49.07 3.68 0.00	42.17 3.23 0.00	36.80 2.54 0.00	34.46 2.76 0.00
DUNKIRK___3 23565	28.73 2.20 0.00	26.59 1.95 0.00	25.76 1.59 0.00	24.85 1.36 0.00	24.62 1.37 0.00	26.01 1.61 0.00	27.23 1.92 0.00	31.30 2.07 0.00	33.28 1.65 0.00	35.37 1.52 0.00	35.72 1.96 0.00	39.58 2.24 0.00	43.30 2.53 0.00	45.76 1.97 0.00	47.05 2.41 0.00	53.66 2.94 0.00	62.77 3.55 0.00	67.97 3.98 -0.81	61.06 3.56 -0.14	51.96 3.94 0.00	48.57 3.18 0.00	41.74 2.80 0.00	36.42 2.16 0.00	34.14 2.44 0.00
DUNKIRK___4 23566	28.73 2.20 0.00	26.59 1.95 0.00	25.76 1.59 0.00	24.85 1.36 0.00	24.62 1.37 0.00	26.01 1.61 0.00	27.23 1.92 0.00	31.30 2.07 0.00	33.28 1.65 0.00	35.37 1.52 0.00	35.72 1.96 0.00	39.58 2.24 0.00	43.30 2.53 0.00	45.76 1.97 0.00	47.05 2.41 0.00	53.66 2.94 0.00	62.77 3.55 0.00	67.97 3.98 -0.81	61.06 3.56 -0.14	51.96 3.94 0.00	48.57 3.18 0.00	41.74 2.80 0.00	36.42 2.16 0.00	34.14 2.44 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	28.47 1.94 0.00	26.44 1.80 0.00	25.86 1.69 0.00	25.03 1.55 0.00	24.69 1.44 0.00	25.91 1.51 0.00	27.10 1.80 0.00	31.35 2.13 0.00	34.30 2.47 -0.20	37.06 2.78 -0.44	36.33 2.57 0.00	40.25 2.76 -0.15	43.87 3.10 0.00	47.09 3.28 -0.02	47.98 3.35 0.00	56.21 4.82 -0.67	65.96 5.86 -0.88	69.83 6.13 -0.52	62.40 4.99 -0.05	51.00 2.98 0.00	47.62 2.22 0.00	41.28 2.34 0.00	36.42 2.16 0.00	33.63 1.93 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	28.12 1.59 0.00	26.12 1.48 0.00	25.52 1.35 0.00	24.75 1.27 0.00	24.39 1.14 0.00	25.54 1.15 0.00	26.67 1.37 0.00	30.74 1.52 0.00	33.59 1.80 -0.15	36.17 2.00 -0.33	35.65 1.89 0.00	39.46 2.02 -0.11	43.05 2.28 0.00	46.30 2.50 -0.01	47.18 2.54 0.00	55.02 3.80 -0.50	64.55 4.68 -0.66	68.44 4.87 -0.39	61.35 3.96 -0.03	50.42 2.40 0.00	47.12 1.72 0.00	40.85 1.91 0.00	36.01 1.75 0.00	33.22 1.52 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	28.79 2.26 -0.01	26.72 2.07 -0.01	26.10 1.93 -0.01	25.25 1.76 -0.01	24.88 1.63 0.00	26.08 1.68 0.00	27.38 2.07 0.00	31.65 2.43 0.00	34.59 2.75 -0.20	37.31 3.01 -0.45	36.47 2.70 -0.01	40.25 2.76 -0.15	43.70 2.94 0.00	46.91 3.11 -0.02	47.90 3.26 0.00	56.21 4.82 -0.67	66.02 5.92 -0.88	70.02 6.32 -0.52	62.40 4.99 -0.05	50.61 2.59 0.01	47.11 1.72 0.01	41.08 2.14 0.00	36.56 2.30 0.00	33.73 2.03 0.00
E179THST_13_KV_LOAD 356214	28.95 2.41 -0.01	26.87 2.22 -0.01	26.25 2.08 -0.01	25.39 1.90 -0.01	25.00 1.74 0.00	26.20 1.81 0.00	27.53 2.23 0.00	31.82 2.60 0.00	34.81 2.97 -0.20	37.51 3.22 -0.45	36.70 2.94 -0.01	40.51 3.02 -0.15	43.99 3.22 0.00	47.22 3.42 -0.02	48.16 3.53 0.00	56.56 5.17 -0.67	66.50 6.40 -0.88	70.53 6.82 -0.52	62.86 5.45 -0.05	50.94 2.93 0.01	47.38 2.00 0.01	41.35 2.41 0.00	36.77 2.50 0.00	33.92 2.22 0.00
EAST HAMPTON___GT 23717	37.20 4.22 -6.45	36.11 4.17 -7.30	34.30 4.01 -6.12	30.73 3.78 -3.46	30.98 3.65 -4.08	32.76 3.85 -4.51	34.59 4.28 -5.01	35.53 4.76 -1.55	39.00 5.63 -1.73	41.26 6.33 -1.09	43.15 6.34 -3.05	44.92 6.83 -0.75	52.47 7.62 -4.08	52.31 7.97 -0.55	62.51 8.03 -9.84	80.36 9.64 -20.00	95.43 11.20 -25.01	118.56 11.75 -43.63	125.69 10.50 -57.83	115.05 7.44 -59.59	61.00 6.58 -9.02	47.56 5.61 -3.01	41.15 5.07 -1.81	36.68 4.94 -0.04
EAST RIVER___6 23660	28.65 2.12 0.00	26.59 1.95 0.00	25.98 1.81 0.00	25.13 1.64 0.00	24.76 1.51 0.00	25.93 1.54 0.00	27.20 1.90 0.00	31.53 2.31 0.00	34.55 2.72 -0.20	37.43 3.15 -0.44	36.53 2.77 0.00	40.51 3.02 -0.15	44.11 3.34 0.00	47.40 3.59 -0.02	48.30 3.66 0.00	56.67 5.27 -0.68	66.62 6.51 -0.88	70.59 6.89 -0.52	62.86 5.45 -0.05	51.10 3.08 0.00	47.75 2.36 0.00	41.43 2.49 0.00	36.63 2.36 0.00	33.79 2.09 0.00

EAST_RIVER___7 23524	28.65 2.12 0.00	26.59 1.95 0.00	25.98 1.81 0.00	25.13 1.64 0.00	24.76 1.51 0.00	25.93 1.54 0.00	27.20 1.90 0.00	31.53 2.31 0.00	34.55 2.72 -0.20	37.43 3.15 -0.44	36.53 2.77 0.00	40.51 3.02 -0.15	44.11 3.34 0.00	47.40 3.59 -0.02	48.30 3.66 0.00	56.67 5.27 -0.68	66.62 6.51 -0.88	70.59 6.89 -0.52	62.86 5.45 -0.05	51.10 3.08 0.00	47.75 2.36 0.00	41.43 2.49 0.00	36.63 2.36 0.00	33.79 2.09 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	28.39 1.86 0.00	26.37 1.73 0.00	25.78 1.62 0.00	24.99 1.50 0.00	24.62 1.37 0.00	25.86 1.46 0.00	27.00 1.70 0.00	31.24 2.02 0.00	34.17 2.34 -0.20	36.92 2.64 -0.44	36.19 2.43 0.00	40.13 2.65 -0.15	43.70 2.94 0.00	46.96 3.15 -0.02	47.81 3.17 0.00	56.00 4.62 -0.67	65.72 5.63 -0.88	69.64 5.94 -0.52	62.17 4.76 -0.05	50.90 2.88 0.00	47.48 2.09 0.00	41.16 2.22 0.00	36.32 2.06 0.00	33.54 1.84 0.00
EAST_HAMPTON___DIESEL 23722	37.20 4.22 -6.45	36.11 4.17 -7.30	34.32 4.04 -6.12	30.73 3.78 -3.46	30.98 3.65 -4.08	32.76 3.85 -4.51	34.59 4.28 -5.01	35.53 4.76 -1.55	39.00 5.63 -1.73	41.29 6.36 -1.09	43.19 6.38 -3.05	44.96 6.87 -0.75	52.51 7.66 -4.08	52.35 8.01 -0.55	62.51 8.03 -9.84	80.36 9.64 -20.00	95.49 11.25 -25.01	118.62 11.81 -43.63	125.69 10.50 -57.83	115.05 7.44 -59.59	61.00 6.58 -9.02	47.56 5.61 -3.01	41.15 5.07 -1.81	36.68 4.94 -0.04
EAST_PULASKI___ESR 323781	26.58 0.05 0.00	24.62 -0.02 0.00	24.09 -0.07 0.00	23.39 -0.09 0.00	23.21 -0.05 0.00	24.37 -0.02 0.00	25.33 0.03 0.00	29.25 0.03 0.00	31.42 -0.22 0.00	33.51 -0.34 0.00	33.56 -0.20 0.00	37.19 -0.15 0.00	40.60 -0.16 0.00	44.71 -0.13 -1.05	45.76 -0.13 -1.26	53.63 0.05 -2.86	62.52 0.00 -3.31	71.64 0.13 -8.33	62.04 0.52 -4.17	50.85 0.72 -2.10	45.85 0.45 0.00	39.13 0.19 0.00	34.26 0.00 0.00	31.76 0.06 0.00
EAST_RIVER___1 323558	28.57 2.04 0.00	26.54 1.90 0.00	25.90 1.74 0.00	25.08 1.60 0.00	24.72 1.47 0.00	25.93 1.54 0.00	27.17 1.87 0.00	31.50 2.28 0.00	34.49 2.66 -0.20	37.33 3.05 -0.44	36.49 2.73 0.00	40.47 2.99 -0.15	44.03 3.26 0.00	47.31 3.50 -0.02	48.16 3.53 0.00	56.51 5.12 -0.68	66.32 6.22 -0.88	70.28 6.57 -0.52	62.68 5.27 -0.05	51.05 3.03 0.00	47.71 2.31 0.00	41.32 2.38 0.00	36.53 2.26 0.00	33.70 2.00 0.00
EAST_RIVER___2 323559	28.65 2.12 0.00	26.59 1.95 0.00	25.98 1.81 0.00	25.13 1.64 0.00	24.76 1.51 0.00	25.93 1.54 0.00	27.20 1.90 0.00	31.53 2.31 0.00	34.55 2.72 -0.20	37.43 3.15 -0.44	36.53 2.77 0.00	40.51 3.02 -0.15	44.11 3.34 0.00	47.40 3.59 -0.02	48.30 3.66 0.00	56.67 5.27 -0.68	66.62 6.51 -0.88	70.59 6.89 -0.52	62.86 5.45 -0.05	51.10 3.08 0.00	47.75 2.36 0.00	41.43 2.49 0.00	36.63 2.36 0.00	33.79 2.09 0.00
EAST___DELAWARE_HYD 23607	28.28 1.75 0.00	26.22 1.58 0.00	25.61 1.45 0.00	24.82 1.34 0.00	24.46 1.21 0.00	25.61 1.22 0.00	26.74 1.44 0.00	30.77 1.55 0.00	33.53 1.80 -0.09	36.12 2.06 -0.21	35.75 1.99 0.00	39.61 2.20 -0.07	43.25 2.49 0.00	46.56 2.76 -0.01	47.32 2.68 0.00	55.00 3.96 -0.32	64.55 4.91 -0.42	68.55 5.12 -0.25	61.80 4.42 -0.02	50.81 2.78 0.00	47.75 2.36 0.00	41.20 2.26 0.00	36.22 1.95 0.00	33.38 1.68 0.00
EIGHT_POINT___WT_PWR 323820	28.63 2.10 0.00	26.47 1.82 0.00	25.71 1.55 0.00	24.85 1.36 0.00	24.65 1.40 0.00	26.06 1.66 0.00	27.25 1.95 0.00	31.38 2.16 0.00	33.44 1.80 0.00	35.40 1.56 0.00	35.89 2.13 0.00	39.65 2.32 0.00	43.25 2.49 0.00	45.98 2.19 0.00	47.05 2.41 0.00	53.97 3.25 0.00	63.13 3.91 0.00	68.41 4.42 -0.81	61.81 4.30 -0.14	52.63 4.61 0.00	48.98 3.59 0.00	42.02 3.08 0.00	36.63 2.36 0.00	34.20 2.50 0.00
ELBRIDGE_115KV_TB2 80188	26.77 0.24 0.00	24.82 0.17 0.00	24.26 0.10 0.00	23.53 0.05 0.00	23.32 0.07 0.00	24.52 0.12 0.00	25.48 0.18 0.00	29.43 0.20 0.00	31.70 0.06 0.00	33.85 0.00 0.00	33.89 0.14 0.00	37.56 0.22 0.00	41.01 0.24 0.00	44.80 0.35 -0.66	45.92 0.49 -0.79	53.38 0.86 -1.81	62.31 1.01 -2.09	68.20 1.26 -3.75	60.99 1.26 -2.37	50.50 1.15 -1.33	46.17 0.77 0.00	39.45 0.51 0.00	34.57 0.31 0.00	32.11 0.41 0.00
ELEC_TRO_TEK 24086	35.34 2.36 -6.45	34.14 2.19 -7.30	32.34 2.05 -6.12	28.87 1.93 -3.46	29.12 1.79 -4.08	30.78 1.88 -4.51	32.49 2.18 -5.01	33.31 2.54 -1.55	36.25 2.88 -1.73	38.11 3.18 -1.09	39.13 2.94 -2.44	40.47 2.99 -0.15	45.71 3.47 -1.48	47.44 3.63 -0.02	52.04 3.70 -3.69	56.36 4.97 -0.67	65.85 5.74 -0.88	69.64 5.94 -0.52	62.40 4.99 -0.05	51.14 3.12 0.00	47.85 2.45 0.00	41.59 2.65 0.00	36.66 2.40 0.00	34.09 2.35 -0.04
ELLENBURG_WT_PWR 323604	25.60 -0.93 0.00	23.86 -0.79 0.00	23.44 -0.72 0.00	22.87 -0.61 0.00	22.81 -0.44 0.00	24.03 -0.37 0.00	24.92 -0.38 0.00	28.96 -0.26 0.00	31.57 -0.06 0.00	33.85 0.00 0.00	33.69 -0.07 0.00	37.26 -0.07 0.00	40.52 -0.24 0.00	43.66 -0.13 0.00	44.50 -0.13 0.00	49.70 -1.01 0.00	57.44 -1.77 0.00	55.81 -1.77 5.60	55.34 -1.03 0.99	47.78 -0.24 0.00	45.62 0.23 0.00	38.94 0.00 0.00	34.03 -0.24 0.00	31.32 -0.38 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	28.41 1.88 0.00	26.30 1.65 0.00	25.49 1.33 0.00	24.56 1.08 0.00	24.35 1.09 0.00	25.66 1.27 0.00	26.85 1.54 0.00	30.74 1.52 0.00	32.62 0.98 0.00	34.69 0.85 0.00	35.01 1.25 0.00	38.83 1.49 0.00	42.44 1.67 0.00	44.93 1.14 0.00	46.20 1.56 0.00	52.69 1.98 0.00	61.65 2.43 0.00	66.78 2.78 -0.82	59.91 2.41 -0.14	51.10 3.07 0.00	47.66 2.27 0.00	40.96 2.02 0.00	35.81 1.54 0.00	33.70 2.00 0.00
EMPIRE_CC_1 323656	27.25 0.72 0.00	25.36 0.72 0.00	24.96 0.80 0.00	24.33 0.84 0.00	24.02 0.77 0.00	25.13 0.73 0.00	25.94 0.63 0.00	29.86 0.64 0.00	32.07 0.82 0.39	33.92 0.95 0.88	34.57 0.81 0.00	37.87 0.82 0.29	41.63 0.86 0.00	44.67 0.92 0.03	45.58 0.94 0.00	51.04 1.67 1.35	59.70 2.25 1.76	64.48 2.34 1.04	59.10 1.84 0.09	49.13 1.11 0.00	46.03 0.64 0.00	39.56 0.62 0.00	35.12 0.86 0.00	32.37 0.67 0.00
EMPIRE_CC_2 323658	27.25 0.72 0.00	25.36 0.72 0.00	24.96 0.80 0.00	24.33 0.84 0.00	24.02 0.77 0.00	25.13 0.73 0.00	25.94 0.63 0.00	29.86 0.64 0.00	32.07 0.82 0.39	33.92 0.95 0.88	34.57 0.81 0.00	37.87 0.82 0.29	41.63 0.86 0.00	44.67 0.92 0.03	45.58 0.94 0.00	51.04 1.67 1.35	59.70 2.25 1.76	64.48 2.34 1.04	59.10 1.84 0.09	49.13 1.11 0.00	46.03 0.64 0.00	39.56 0.62 0.00	35.12 0.86 0.00	32.37 0.67 0.00
ENORWICH_115KV_TB1 80156	28.86 2.33 0.00	26.71 2.07 0.00	26.17 2.01 0.00	25.41 1.93 0.00	25.30 2.05 0.00	26.62 2.22 0.00	27.73 2.43 0.00	32.00 2.78 0.00	34.42 2.78 0.00	36.72 2.88 0.00	37.03 3.27 0.00	41.03 3.70 0.00	44.76 4.00 0.00	48.43 4.38 -0.26	49.11 4.15 -0.32	56.82 5.38 -0.72	66.75 6.69 -0.84	72.59 7.58 -1.82	66.85 8.49 -1.01	56.14 7.59 -0.53	52.57 7.17 0.00	44.12 5.18 0.00	38.24 3.97 0.00	35.09 3.39 0.00

ERIE_ST__34_KV_TB1-2 80199	28.65 2.12 0.00	26.47 1.82 0.00	25.64 1.47 0.00	24.71 1.22 0.00	24.51 1.26 0.00	25.88 1.49 0.00	27.07 1.77 0.00	31.06 1.84 0.00	33.06 1.42 0.00	35.13 1.29 0.00	35.55 1.79 0.00	39.35 2.02 0.00	43.13 2.36 0.00	45.10 1.31 0.00	46.38 1.74 0.00	52.95 2.23 0.00	62.00 2.78 0.00	67.15 3.16 -0.81	60.26 2.75 -0.14	51.19 3.17 0.00	48.34 2.95 0.00	41.51 2.57 0.00	36.25 1.99 0.00	34.05 2.35 0.00
ERIE_WT_PWR 323693	28.57 2.04 0.00	26.44 1.80 0.00	25.61 1.45 0.00	24.70 1.22 0.00	24.48 1.23 0.00	25.83 1.44 0.00	27.07 1.77 0.00	30.95 1.72 0.00	32.87 1.23 0.00	34.76 0.91 0.00	35.24 1.48 0.00	38.98 1.64 0.00	42.68 1.92 0.00	45.01 1.22 0.00	46.29 1.65 0.00	53.00 2.28 0.00	61.88 2.67 0.00	66.97 2.97 -0.81	60.09 2.58 -0.14	51.72 3.70 0.00	47.93 2.54 0.00	41.28 2.34 0.00	35.98 1.71 0.00	33.95 2.25 0.00
ESPRGFLD_115KV_TB1 80157	28.49 1.96 0.00	26.39 1.75 0.00	25.88 1.72 0.00	25.15 1.67 0.00	24.93 1.67 0.00	26.27 1.88 0.00	27.33 2.02 0.00	31.50 2.28 0.00	34.00 2.47 0.10	35.92 2.30 0.23	36.16 2.40 0.00	39.84 2.58 0.08	43.66 2.89 0.00	46.89 3.11 0.01	47.72 3.08 0.00	54.22 3.85 0.35	63.61 4.86 0.46	68.28 5.37 0.27	62.55 5.22 0.02	52.39 4.37 0.00	49.30 3.90 0.00	42.02 3.08 0.00	36.77 2.50 0.00	33.82 2.12 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	27.56 1.03 0.00	25.56 0.91 0.00	24.96 0.80 0.00	24.24 0.75 0.00	24.02 0.77 0.00	25.27 0.88 0.00	26.29 0.99 0.00	30.36 1.14 0.00	32.65 1.01 0.00	34.79 0.95 0.00	34.94 1.18 0.00	38.68 1.34 0.00	42.24 1.47 0.00	45.69 1.58 -0.32	46.68 1.65 -0.39	53.88 2.28 -0.88	63.08 2.84 -1.02	68.65 3.29 -2.18	62.02 3.44 -1.22	51.70 3.03 -0.65	47.94 2.54 0.00	40.89 1.95 0.00	35.74 1.47 0.00	33.06 1.36 0.00
ETNA____115KV_TB2 80207	27.56 1.03 0.00	25.56 0.91 0.00	24.96 0.80 0.00	24.24 0.75 0.00	24.02 0.77 0.00	25.27 0.88 0.00	26.29 0.99 0.00	30.36 1.14 0.00	32.65 1.01 0.00	34.79 0.95 0.00	34.94 1.18 0.00	38.68 1.34 0.00	42.24 1.47 0.00	45.69 1.58 -0.32	46.68 1.65 -0.39	53.88 2.28 -0.88	63.08 2.84 -1.02	68.65 3.29 -2.18	62.02 3.44 -1.22	51.70 3.03 -0.65	47.94 2.54 0.00	40.89 1.95 0.00	35.74 1.47 0.00	33.06 1.36 0.00
EUCLID____115KV_TB2 356179	26.45 -0.08 0.00	24.52 -0.12 0.00	23.97 -0.19 0.00	23.27 -0.21 0.00	23.04 -0.21 0.00	24.22 -0.17 0.00	25.15 -0.15 0.00	29.08 -0.15 0.00	31.29 -0.35 0.00	33.41 -0.44 0.00	33.52 -0.24 0.00	37.11 -0.22 0.00	40.56 -0.20 0.00	43.83 -0.18 -0.21	44.80 -0.09 -0.26	51.45 0.15 -0.58	60.07 0.18 -0.68	65.81 0.32 -2.31	58.72 0.40 -0.96	48.88 0.43 -0.43	45.44 0.05 0.00	38.86 -0.08 0.00	34.13 -0.14 0.00	31.67 -0.03 0.00
E_CANADA_CAP_HY 24051	28.84 2.31 0.00	26.74 2.09 0.00	26.19 2.03 0.00	25.48 1.99 0.00	25.23 1.98 0.00	26.64 2.24 0.00	27.68 2.38 0.00	31.94 2.72 0.00	34.47 2.97 0.14	36.40 2.88 0.32	36.63 2.87 0.00	40.22 2.99 0.11	44.15 3.38 0.00	47.41 3.63 0.01	48.30 3.66 0.00	54.69 4.46 0.49	64.56 5.98 0.64	69.50 6.69 0.38	63.69 6.37 0.03	53.49 5.47 0.00	50.16 4.77 0.00	42.76 3.82 0.00	37.42 3.15 0.00	34.39 2.69 0.00
E_CANADA_MHWK_HY 24050	26.66 0.13 0.00	24.77 0.12 0.00	24.31 0.15 0.00	23.63 0.14 0.00	23.42 0.16 0.00	24.57 0.17 0.00	25.50 0.20 0.00	29.43 0.21 0.00	31.89 0.25 0.00	34.05 0.20 0.00	34.13 0.37 0.00	37.75 0.41 0.00	41.22 0.45 0.00	44.27 0.48 0.00	44.68 0.04 0.00	50.97 0.25 0.00	59.52 0.30 0.00	64.95 0.32 -1.45	58.13 0.52 -0.26	48.36 0.34 0.00	45.85 0.45 0.00	39.21 0.27 0.00	34.51 0.24 0.00	31.89 0.19 0.00
E_FISHKILL____LBMP 23776	28.10 1.57 0.00	26.12 1.48 0.00	25.57 1.40 0.00	24.80 1.32 0.00	24.46 1.21 0.00	25.64 1.24 0.00	26.72 1.42 0.00	30.86 1.64 0.00	33.77 1.93 -0.20	36.43 2.13 -0.45	35.75 1.99 0.00	39.62 2.13 -0.15	43.13 2.36 0.00	46.35 2.54 -0.02	47.18 2.54 0.00	55.22 3.80 -0.70	64.81 4.68 -0.91	68.59 4.87 -0.54	61.31 3.90 -0.05	50.38 2.35 0.00	47.03 1.63 0.00	40.69 1.75 0.00	35.98 1.71 0.00	33.22 1.52 0.00
FALCON____SEABRD_CC1 323796	25.87 -0.66 0.00	24.10 -0.54 0.00	23.68 -0.48 0.00	23.08 -0.40 0.00	23.07 -0.19 0.00	24.30 -0.10 0.00	25.18 -0.13 0.00	29.28 0.06 0.00	31.95 0.32 0.00	34.25 0.41 0.00	34.10 0.34 0.00	37.71 0.37 0.00	41.01 0.25 0.00	44.18 0.39 0.00	45.04 0.40 0.00	50.31 -0.41 0.00	58.03 -1.18 0.00	56.38 -1.07 5.72	56.00 -0.34 1.01	48.45 0.43 0.00	46.21 0.82 0.00	39.44 0.50 0.00	34.40 0.14 0.00	31.67 -0.03 0.00
FALCON____SEABRD_CC2 323797	25.87 -0.66 0.00	24.10 -0.54 0.00	23.68 -0.48 0.00	23.08 -0.40 0.00	23.07 -0.19 0.00	24.30 -0.10 0.00	25.18 -0.13 0.00	29.28 0.06 0.00	31.95 0.32 0.00	34.25 0.41 0.00	34.10 0.34 0.00	37.71 0.37 0.00	41.01 0.25 0.00	44.18 0.39 0.00	45.04 0.40 0.00	50.31 -0.41 0.00	58.03 -1.18 0.00	56.38 -1.07 5.72	56.00 -0.34 1.01	48.45 0.43 0.00	46.21 0.82 0.00	39.44 0.50 0.00	34.40 0.14 0.00	31.67 -0.03 0.00
FAR ROCKAWAY____4 23548	35.87 2.89 -6.45	34.61 2.66 -7.30	32.77 2.49 -6.12	29.29 2.35 -3.46	29.56 2.23 -4.08	31.22 2.32 -4.51	32.92 2.61 -5.01	33.89 3.13 -1.54	36.76 3.39 -1.73	38.72 3.79 -1.09	39.81 3.61 -2.44	41.26 3.77 -0.15	46.61 4.36 -1.48	48.40 4.60 -0.02	53.11 4.78 -3.69	57.48 6.09 -0.67	67.15 7.05 -0.88	71.03 7.33 -0.52	63.66 6.25 -0.05	52.20 4.18 0.00	48.89 3.50 0.00	42.48 3.54 0.00	37.35 3.08 0.00	34.69 2.95 -0.04
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	28.60 2.07 0.00	26.54 1.90 0.00	25.93 1.76 0.00	25.10 1.62 0.00	24.74 1.49 0.00	25.96 1.56 0.00	27.20 1.90 0.00	31.53 2.31 0.00	34.52 2.69 -0.20	37.30 3.01 -0.44	36.49 2.73 0.00	40.43 2.95 -0.15	44.03 3.26 0.00	47.31 3.50 -0.02	48.16 3.53 0.00	56.51 5.12 -0.67	66.38 6.28 -0.88	70.28 6.57 -0.52	62.63 5.22 -0.05	51.05 3.03 0.00	47.62 2.22 0.00	41.35 2.41 0.00	36.53 2.26 0.00	33.73 2.03 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	28.60 2.07 0.00	26.57 1.92 0.00	25.93 1.76 0.00	25.10 1.62 0.00	24.74 1.49 0.00	25.96 1.56 0.00	27.23 1.92 0.00	31.53 2.31 0.00	34.52 2.69 -0.20	37.30 3.01 -0.44	36.49 2.73 0.00	40.43 2.95 -0.15	44.03 3.26 0.00	47.31 3.50 -0.02	48.16 3.53 0.00	56.51 5.12 -0.67	66.38 6.28 -0.88	70.28 6.57 -0.52	62.63 5.22 -0.05	51.05 3.03 0.00	47.62 2.22 0.00	41.35 2.41 0.00	36.56 2.30 0.00	33.76 2.06 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	28.57 2.04 0.00	26.54 1.90 0.00	25.90 1.74 0.00	25.08 1.60 0.00	24.72 1.46 0.00	25.96 1.56 0.00	27.20 1.90 0.00	31.50 2.28 0.00	34.49 2.66 -0.20	37.26 2.98 -0.44	36.46 2.70 0.00	40.43 2.95 -0.15	43.99 3.22 0.00	47.27 3.46 -0.02	48.12 3.48 0.00	56.46 5.07 -0.67	66.32 6.22 -0.88	70.21 6.51 -0.52	62.57 5.16 -0.05	51.00 2.98 0.00	47.57 2.18 0.00	41.32 2.38 0.00	36.49 2.23 0.00	33.70 2.00 0.00

FARRAGUT___LBMP 323566	28.55 2.02 0.00	26.52 1.87 0.00	25.90 1.74 0.00	25.08 1.60 0.00	24.69 1.44 0.00	25.93 1.54 0.00	27.17 1.87 0.00	31.47 2.25 0.00	34.46 2.63 -0.20	37.23 2.94 -0.44	36.43 2.67 0.00	40.36 2.88 -0.15	43.95 3.18 0.00	47.22 3.42 -0.02	48.07 3.44 0.00	56.41 5.02 -0.67	66.20 6.10 -0.88	70.15 6.44 -0.52	62.51 5.11 -0.05	50.95 2.93 0.00	47.53 2.13 0.00	41.28 2.34 0.00	36.46 2.19 0.00	33.70 2.00 0.00
FENNER___WINDPWR 24204	27.27 0.74 0.00	25.26 0.62 0.00	24.74 0.58 0.00	24.02 0.54 0.00	23.83 0.58 0.00	25.03 0.63 0.00	26.04 0.73 0.00	30.07 0.85 0.00	32.46 0.82 0.00	34.66 0.81 0.00	34.74 0.98 0.00	38.50 1.16 0.00	42.07 1.30 0.00	45.47 1.44 -0.24	46.31 1.39 -0.29	53.26 1.88 -0.66	62.17 2.19 -0.76	68.73 2.53 -3.01	61.21 2.70 -1.16	50.96 2.45 -0.49	47.48 2.09 0.00	40.42 1.48 0.00	35.36 1.10 0.00	32.65 0.95 0.00
FIBERTEK___ENERGY 23856	26.80 0.27 0.00	24.84 0.20 0.00	24.28 0.12 0.00	23.55 0.07 0.00	23.35 0.09 0.00	24.54 0.15 0.00	25.50 0.20 0.00	29.48 0.26 0.00	31.73 0.09 0.00	33.88 0.03 0.00	34.00 0.24 0.00	37.67 0.34 0.00	41.18 0.41 0.00	44.93 0.53 -0.61	45.99 0.62 -0.73	53.40 1.01 -1.67	62.34 1.18 -1.93	68.25 1.39 -3.67	61.02 1.43 -2.23	50.50 1.25 -1.23	46.26 0.86 0.00	39.52 0.58 0.00	34.64 0.38 0.00	32.14 0.44 0.00
FITZPATRICK____ 23598	25.95 -0.58 0.00	24.08 -0.57 0.00	23.56 -0.60 0.00	22.87 -0.61 0.00	22.65 -0.60 0.00	23.81 -0.59 0.00	24.72 -0.58 0.00	28.55 -0.67 0.00	30.75 -0.89 0.00	32.83 -1.01 0.00	32.88 -0.88 0.00	36.41 -0.93 0.00	39.79 -0.98 0.00	38.29 -1.05 4.44	38.34 -0.98 5.31	37.60 -0.97 12.15	44.04 -1.13 14.05	44.91 -1.14 17.14	41.95 -0.92 14.49	38.51 -0.57 8.94	44.53 -0.86 0.00	38.12 -0.82 0.00	33.48 -0.79 0.00	31.13 -0.57 0.00
FLOWRFLD_69_KV_BK1 356044	36.00 3.02 -6.45	34.88 2.93 -7.30	33.06 2.78 -6.12	29.55 2.61 -3.46	29.80 2.46 -4.08	31.51 2.61 -4.51	33.30 2.99 -5.01	34.13 3.36 -1.55	37.26 3.89 -1.74	39.16 4.23 -1.09	40.44 3.75 -2.93	41.99 3.70 -0.95	49.90 4.20 -4.94	48.20 4.38 -0.03	61.02 4.51 -11.87	82.92 5.83 -26.37	98.94 6.75 -32.97	133.20 6.95 -63.07	121.99 5.97 -58.67	131.18 3.94 -79.22	60.71 3.31 -12.00	48.39 3.50 -5.95	38.87 3.12 -1.48	34.98 3.23 -0.04
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	28.39 1.86 0.00	26.37 1.73 0.00	25.76 1.59 0.00	24.96 1.48 0.00	24.55 1.30 0.00	25.71 1.32 0.00	26.87 1.57 0.00	30.95 1.72 0.00	33.81 2.02 -0.15	36.45 2.27 -0.33	35.92 2.16 0.00	39.76 2.31 -0.11	43.42 2.65 0.00	46.74 2.93 -0.01	47.63 2.99 0.00	55.59 4.36 -0.51	65.28 5.39 -0.67	69.14 5.56 -0.40	61.98 4.59 -0.04	50.90 2.88 0.00	47.57 2.18 0.00	41.28 2.34 0.00	36.36 2.09 0.00	33.57 1.87 0.00
FORT ORANGE____ 23900	27.30 0.77 0.00	25.38 0.74 0.00	24.91 0.75 0.00	24.26 0.77 0.00	23.95 0.70 0.00	25.10 0.71 0.00	25.96 0.66 0.00	29.92 0.70 0.00	32.38 0.95 0.20	34.41 1.01 0.45	34.64 0.88 0.00	38.16 0.97 0.15	41.63 0.86 0.00	44.73 0.96 0.02	45.62 0.98 0.00	51.75 1.73 0.69	60.74 2.43 0.91	65.18 2.53 0.54	59.44 2.12 0.05	49.42 1.39 0.00	46.25 0.86 0.00	39.72 0.78 0.00	35.29 1.03 0.00	32.52 0.82 0.00
FORT_DRUM_COGEN 23780	27.14 0.61 0.00	25.11 0.47 0.00	24.60 0.43 0.00	23.88 0.40 0.00	23.79 0.53 0.00	24.98 0.59 0.00	25.96 0.66 0.00	30.01 0.79 0.00	32.33 0.70 0.00	34.39 0.54 0.00	34.40 0.64 0.00	38.27 0.93 0.00	41.71 0.94 0.00	45.38 1.05 -0.54	45.95 0.67 -0.64	53.13 1.01 -1.40	61.79 0.95 -1.62	78.94 1.20 -14.55	63.55 2.29 -3.90	51.84 2.79 -1.03	48.25 2.86 0.00	40.65 1.71 0.00	35.36 1.10 0.00	32.49 0.79 0.00
FPL_FAR_ROCK_GT1 24212	35.87 2.89 -6.45	34.61 2.66 -7.30	32.77 2.49 -6.12	29.30 2.35 -3.47	29.57 2.23 -4.08	31.22 2.32 -4.51	32.90 2.58 -5.01	33.89 3.13 -1.54	36.76 3.39 -1.73	38.79 3.86 -1.09	39.81 3.61 -2.44	41.37 3.88 -0.15	46.65 4.40 -1.48	48.96 4.64 -0.54	53.15 4.82 -3.69	57.48 6.08 -0.68	67.26 7.16 -0.88	71.16 7.45 -0.52	63.72 6.31 -0.05	52.20 4.18 0.00	49.03 3.63 0.00	42.21 3.27 0.00	37.35 3.09 0.00	34.70 2.95 -0.05
FPL_FAR_ROCK_GT2 23815	35.87 2.89 -6.45	34.61 2.66 -7.30	32.77 2.49 -6.12	29.30 2.35 -3.47	29.57 2.23 -4.08	31.22 2.32 -4.51	32.90 2.58 -5.01	33.89 3.13 -1.54	36.76 3.39 -1.73	38.79 3.86 -1.09	39.81 3.61 -2.44	41.37 3.88 -0.15	46.65 4.40 -1.48	48.96 4.64 -0.54	53.15 4.82 -3.69	57.48 6.08 -0.68	67.26 7.16 -0.88	71.16 7.45 -0.52	63.72 6.31 -0.05	52.20 4.18 0.00	49.03 3.63 0.00	42.21 3.27 0.00	37.35 3.09 0.00	34.70 2.95 -0.05
FRANKLIN_FALL_HYD 24054	25.58 -0.96 0.00	23.78 -0.86 0.00	23.37 -0.80 0.00	22.78 -0.70 0.00	22.74 -0.51 0.00	23.93 -0.46 0.00	24.80 -0.51 0.00	28.81 -0.41 0.00	31.45 -0.19 0.00	33.78 -0.07 0.00	33.62 -0.14 0.00	37.23 -0.11 0.00	40.48 -0.29 0.00	43.57 -0.22 0.00	44.32 -0.31 0.00	49.40 -1.32 0.00	56.97 -2.25 0.00	51.92 -2.27 8.99	54.28 -1.49 1.59	47.73 -0.29 0.00	45.62 0.23 0.00	38.86 -0.08 0.00	33.89 -0.38 0.00	31.13 -0.57 0.00
FREEPORT_EQUS_GT1 23764	35.66 2.68 -6.45	34.43 2.49 -7.30	32.63 2.34 -6.12	29.13 2.18 -3.46	29.40 2.07 -4.08	31.07 2.17 -4.51	32.77 2.45 -5.01	33.66 2.89 -1.55	36.66 3.29 -1.73	38.62 3.69 -1.09	39.60 3.41 -2.44	41.15 3.66 -0.15	46.16 3.91 -1.48	48.44 4.11 -0.54	52.57 4.24 -3.69	56.87 5.48 -0.68	66.56 6.46 -0.88	70.47 6.76 -0.52	63.14 5.74 -0.05	51.72 3.70 0.00	48.52 3.13 0.00	41.98 3.04 0.00	37.18 2.91 0.00	34.53 2.79 -0.04
FREEPORT___CT2 23818	35.66 2.68 -6.45	34.43 2.49 -7.30	32.63 2.34 -6.12	29.13 2.18 -3.46	29.40 2.07 -4.08	31.07 2.17 -4.51	32.77 2.45 -5.01	33.66 2.89 -1.55	36.66 3.29 -1.73	38.62 3.69 -1.09	39.60 3.41 -2.44	41.15 3.66 -0.15	46.16 3.91 -1.48	48.44 4.11 -0.54	52.57 4.24 -3.69	56.87 5.48 -0.68	66.56 6.46 -0.88	70.47 6.76 -0.52	63.14 5.74 -0.05	51.72 3.70 0.00	48.52 3.13 0.00	41.98 3.04 0.00	37.18 2.91 0.00	34.53 2.79 -0.04
FRESHKLS_33_KV_LOAD 356253	28.87 2.33 -0.01	26.80 2.14 -0.01	26.17 2.01 0.00	25.29 1.81 0.00	24.88 1.63 0.00	26.10 1.71 0.00	27.33 2.02 0.00	31.49 2.28 0.01	33.78 2.72 0.58	33.73 3.11 3.23	33.80 2.77 2.73	35.40 2.95 4.89	35.56 3.10 8.31	35.78 3.24 11.25	36.68 3.26 11.22	46.37 5.07 9.41	52.02 6.22 13.41	55.04 6.70 14.84	46.77 5.28 15.87	36.35 2.74 14.41	35.30 1.91 12.00	36.02 2.34 5.25	36.59 2.33 0.01	33.69 2.00 0.01
FULTON COGEN____ 23766	26.42 -0.11 0.00	24.52 -0.12 0.00	23.97 -0.19 0.00	23.27 -0.21 0.00	23.07 -0.19 0.00	24.22 -0.17 0.00	25.15 -0.15 0.00	29.08 -0.15 0.00	31.26 -0.38 0.00	33.37 -0.47 0.00	33.46 -0.30 0.00	37.08 -0.26 0.00	40.52 -0.24 0.00	44.76 -0.22 -1.19	45.88 -0.18 -1.43	54.07 0.10 -3.26	63.10 0.12 -3.76	69.78 0.25 -6.35	61.95 0.40 -4.19	50.85 0.43 -2.39	45.48 0.09 0.00	38.90 -0.04 0.00	34.13 -0.14 0.00	31.70 0.00 0.00



FULTON___LFGE 323630	29.34 2.81 0.00	27.16 2.51 0.00	26.60 2.44 0.00	25.88 2.40 0.00	25.60 2.35 0.00	27.15 2.76 0.00	28.11 2.81 0.00	32.49 3.27 0.00	35.08 3.61 0.16	36.91 3.42 0.36	38.12 4.36 0.00	41.77 4.55 0.12	46.03 5.26 0.00	49.29 5.52 0.01	48.97 4.33 0.00	55.44 5.27 0.55	66.08 7.58 0.72	71.17 8.40 0.42	65.58 8.26 0.04	54.98 6.96 0.00	51.29 5.90 0.00	43.61 4.67 0.00	38.31 4.04 0.00	35.16 3.46 0.00
G.F.CEMENT___DRP 24184	28.04 1.51 0.00	26.05 1.40 0.00	25.54 1.38 0.00	24.82 1.34 0.00	24.53 1.28 0.00	25.91 1.51 0.00	26.82 1.52 0.00	30.95 1.72 0.00	33.49 2.09 0.24	35.41 2.10 0.53	35.58 1.82 0.00	39.07 1.90 0.18	42.97 2.20 0.00	46.18 2.41 0.02	47.14 2.50 0.00	53.20 3.30 0.81	63.01 4.86 1.07	67.80 5.24 0.63	62.41 5.11 0.06	52.01 3.99 0.00	48.44 3.04 0.00	41.55 2.61 0.00	36.53 2.26 0.00	33.54 1.84 0.00
GARDENVILLE___LBMP 24039	28.49 1.96 0.00	26.35 1.70 0.00	25.54 1.38 0.00	24.63 1.15 0.00	24.39 1.14 0.00	25.74 1.34 0.00	26.92 1.62 0.00	30.86 1.64 0.00	32.74 1.11 0.00	34.83 0.98 0.00	35.18 1.42 0.00	38.98 1.64 0.00	42.60 1.83 0.00	45.06 1.27 0.00	46.33 1.70 0.00	52.85 2.13 0.00	61.82 2.61 0.00	66.97 2.97 -0.81	60.08 2.58 -0.14	51.24 3.22 0.00	47.85 2.45 0.00	41.16 2.22 0.00	35.94 1.68 0.00	33.82 2.12 0.00
GARDNVLA_35_KV_LD 355827	28.63 2.10 0.00	26.47 1.82 0.00	25.66 1.50 0.00	24.73 1.24 0.00	24.51 1.26 0.00	25.86 1.46 0.00	27.02 1.72 0.00	31.00 1.78 0.00	32.90 1.27 0.00	35.00 1.15 0.00	35.35 1.59 0.00	39.21 1.87 0.00	42.89 2.12 0.00	45.28 1.49 0.00	46.60 1.96 0.00	53.20 2.49 0.00	62.24 3.02 0.00	67.41 3.41 -0.81	60.49 2.98 -0.14	51.53 3.51 0.00	48.21 2.81 0.00	41.43 2.49 0.00	36.18 1.92 0.00	34.05 2.35 0.00
GELCKHM___115KV_LOAD 80723	26.56 0.03 0.00	24.64 0.00 0.00	24.09 -0.07 0.00	23.37 -0.12 0.00	23.16 -0.09 0.00	24.35 -0.05 0.00	25.28 -0.03 0.00	29.22 0.00 0.00	31.45 -0.19 0.00	33.58 -0.27 0.00	33.66 -0.10 0.00	37.30 -0.04 0.00	40.77 0.00 0.00	44.23 0.09 -0.36	45.24 0.18 -0.43	52.15 0.46 -0.98	60.94 0.59 -1.13	66.73 0.76 -2.79	59.58 0.80 -1.42	49.46 0.72 -0.72	45.76 0.36 0.00	39.10 0.16 0.00	34.30 0.03 0.00	31.86 0.16 0.00
GENERAL___MILLS 23808	28.57 2.04 0.00	26.42 1.77 0.00	25.61 1.45 0.00	24.68 1.20 0.00	24.46 1.21 0.00	25.81 1.41 0.00	26.97 1.67 0.00	30.95 1.72 0.00	32.84 1.20 0.00	34.93 1.08 0.00	35.28 1.52 0.00	39.09 1.75 0.00	42.77 2.00 0.00	45.15 1.36 0.00	46.42 1.79 0.00	52.95 2.23 0.00	62.00 2.78 0.00	67.09 3.10 -0.81	60.26 2.75 -0.14	51.34 3.31 0.00	48.03 2.63 0.00	41.28 2.34 0.00	36.05 1.78 0.00	33.92 2.22 0.00
GE_PLASTICS___DRP 24183	27.30 0.77 0.00	25.38 0.74 0.00	24.94 0.77 0.00	24.28 0.80 0.00	23.97 0.72 0.00	25.13 0.73 0.00	25.99 0.68 0.00	29.95 0.73 0.00	32.39 0.92 0.16	34.49 1.02 0.37	34.67 0.91 0.00	38.19 0.97 0.12	41.38 0.61 0.00	44.43 0.66 0.01	45.35 0.71 0.00	51.52 1.37 0.57	60.37 1.89 0.74	64.58 1.83 0.44	58.75 1.43 0.04	48.89 0.86 0.00	45.80 0.41 0.00	39.41 0.47 0.00	35.19 0.93 0.00	32.46 0.76 0.00
GILBOA___1 23756	27.46 0.93 0.00	25.53 0.89 0.00	25.20 1.04 0.00	24.56 1.08 0.00	24.27 1.02 0.00	25.37 0.98 0.00	26.14 0.83 0.00	30.16 0.93 0.00	32.71 1.08 0.00	35.03 1.18 0.00	34.87 1.11 0.00	38.53 1.19 0.00	42.07 1.30 0.00	45.10 1.31 0.00	45.93 1.30 0.00	52.59 1.88 0.00	61.47 2.25 0.00	65.58 2.40 0.00	59.31 1.95 0.00	49.46 1.44 0.00	46.53 1.14 0.00	39.99 1.05 0.00	35.29 1.03 0.00	32.59 0.89 0.00
GILBOA___2 23757	27.46 0.93 0.00	25.53 0.89 0.00	25.20 1.04 0.00	24.56 1.08 0.00	24.27 1.02 0.00	25.37 0.98 0.00	26.14 0.83 0.00	30.16 0.93 0.00	32.71 1.08 0.00	35.03 1.18 0.00	34.87 1.11 0.00	38.53 1.19 0.00	42.07 1.30 0.00	45.10 1.31 0.00	45.93 1.30 0.00	52.59 1.88 0.00	61.47 2.25 0.00	65.58 2.40 0.00	59.31 1.95 0.00	49.46 1.44 0.00	46.53 1.14 0.00	39.99 1.05 0.00	35.29 1.03 0.00	32.59 0.89 0.00
GILBOA___3 23758	27.46 0.93 0.00	25.53 0.89 0.00	25.20 1.04 0.00	24.56 1.08 0.00	24.27 1.02 0.00	25.37 0.98 0.00	26.14 0.83 0.00	30.16 0.93 0.00	32.71 1.08 0.00	35.03 1.18 0.00	34.87 1.11 0.00	38.53 1.19 0.00	42.07 1.30 0.00	45.10 1.31 0.00	45.93 1.30 0.00	52.59 1.88 0.00	61.47 2.25 0.00	65.58 2.40 0.00	59.31 1.95 0.00	49.46 1.44 0.00	46.53 1.14 0.00	39.99 1.05 0.00	35.29 1.03 0.00	32.59 0.89 0.00
GILBOA___4 23759	27.46 0.93 0.00	25.53 0.89 0.00	25.20 1.04 0.00	24.56 1.08 0.00	24.27 1.02 0.00	25.37 0.98 0.00	26.14 0.83 0.00	30.16 0.93 0.00	32.71 1.08 0.00	35.03 1.18 0.00	34.87 1.11 0.00	38.53 1.19 0.00	42.07 1.30 0.00	45.10 1.31 0.00	45.93 1.30 0.00	52.59 1.88 0.00	61.47 2.25 0.00	65.58 2.40 0.00	59.31 1.95 0.00	49.46 1.44 0.00	46.53 1.14 0.00	39.99 1.05 0.00	35.29 1.03 0.00	32.59 0.89 0.00
GILBOA___ 23599	27.46 0.93 0.00	25.53 0.89 0.00	25.20 1.04 0.00	24.56 1.08 0.00	24.28 1.02 0.00	25.37 0.98 0.00	26.14 0.83 0.00	30.16 0.94 0.00	32.71 1.08 0.00	35.00 1.15 0.00	34.87 1.11 0.00	38.53 1.19 0.00	42.07 1.30 0.00	45.06 1.27 0.00	45.93 1.29 0.00	52.59 1.88 0.00	61.47 2.25 0.00	65.52 2.34 0.00	59.25 1.89 0.00	49.42 1.39 0.00	46.44 1.04 0.00	39.99 1.05 0.00	35.29 1.03 0.00	32.59 0.89 0.00
GINNA___ 23603	26.21 -0.32 0.00	24.25 -0.40 0.00	23.58 -0.58 0.00	22.80 -0.68 0.00	22.65 -0.60 0.00	23.81 -0.59 0.00	24.85 -0.45 0.00	28.67 -0.56 0.00	30.66 -0.98 0.00	32.59 -1.25 0.00	32.88 -0.88 0.00	36.52 -0.82 0.00	39.91 -0.86 0.00	42.87 -0.74 0.18	43.89 -0.53 0.21	50.09 -0.15 0.48	58.31 -0.35 0.56	63.12 -0.25 -0.19	56.60 -0.34 0.42	48.44 0.77 0.35	45.12 -0.27 0.00	38.47 -0.47 0.00	33.65 -0.62 0.00	31.48 -0.22 0.00
GLEN PARK___ 23778	27.33 0.80 0.00	25.26 0.62 0.00	24.77 0.60 0.00	24.02 0.54 0.00	23.95 0.70 0.00	25.15 0.76 0.00	26.16 0.86 0.00	30.22 0.99 0.00	32.56 0.92 0.00	34.56 0.71 0.00	34.64 0.88 0.00	38.53 1.19 0.00	41.99 1.22 0.00	45.71 1.36 -0.56	46.20 0.89 -0.67	53.51 1.32 -1.48	62.29 1.36 -1.71	78.84 1.64 -14.02	64.04 2.81 -3.87	52.52 3.41 -1.09	48.75 3.36 0.00	41.04 2.10 0.00	35.67 1.41 0.00	32.71 1.01 0.00
GLENDALE_27_KV_LOAD 356172	28.81 2.28 0.00	26.76 2.12 0.00	26.12 1.96 0.00	25.27 1.78 0.00	24.88 1.63 0.00	26.13 1.73 0.00	27.43 2.13 0.00	31.76 2.54 0.00	34.81 2.97 -0.20	37.61 3.32 -0.45	36.77 3.00 -0.01	40.70 3.21 -0.15	44.19 3.42 0.00	47.40 3.59 -0.02	48.25 3.62 0.00	56.67 5.27 -0.67	66.56 6.45 -0.88	70.53 6.82 -0.52	62.86 5.45 -0.05	51.04 3.03 0.01	47.66 2.27 0.01	41.51 2.57 0.00	36.77 2.50 0.00	33.92 2.22 0.00

GLENWOOD_IC_1_G5 23712	35.34 2.36 -6.45	34.14 2.19 -7.30	32.34 2.05 -6.12	28.87 1.93 -3.46	29.15 1.81 -4.08	30.81 1.90 -4.51	32.49 2.18 -5.01	33.37 2.60 -1.55	36.34 2.97 -1.73	38.25 3.32 -1.09	39.10 2.90 -2.44	40.55 3.06 -0.15	45.75 3.51 -1.48	47.48 3.68 -0.02	52.17 3.84 -3.69	56.56 5.17 -0.67	66.26 6.16 -0.88	70.09 6.38 -0.52	62.68 5.28 -0.05	51.29 3.27 0.00	47.94 2.54 0.00	41.59 2.65 0.00	36.87 2.60 0.00	34.18 2.44 -0.04
GLENWOOD_IC_2_G1 23688	35.12 2.15 -6.45	33.94 2.00 -7.30	32.17 1.89 -6.12	28.71 1.76 -3.46	28.96 1.63 -4.08	30.61 1.71 -4.51	32.29 1.97 -5.01	33.11 2.34 -1.54	36.06 2.69 -1.73	37.98 3.05 -1.09	39.00 2.80 -2.44	40.51 3.02 -0.15	45.59 3.34 -1.48	47.92 3.59 -0.54	51.99 3.66 -3.69	56.41 5.02 -0.68	66.14 6.04 -0.88	70.02 6.32 -0.52	62.63 5.22 -0.05	51.19 3.17 0.00	47.93 2.54 0.00	41.39 2.45 0.00	36.60 2.33 0.00	33.90 2.16 -0.04
GLENWOOD_IC_3_G1 23689	35.12 2.15 -6.45	33.94 2.00 -7.30	32.17 1.89 -6.12	28.71 1.76 -3.46	28.96 1.63 -4.08	30.61 1.71 -4.51	32.29 1.97 -5.01	33.11 2.34 -1.54	36.06 2.69 -1.73	37.98 3.05 -1.09	39.00 2.80 -2.44	40.51 3.02 -0.15	45.59 3.34 -1.48	47.92 3.59 -0.54	51.99 3.66 -3.69	56.41 5.02 -0.68	66.14 6.04 -0.88	70.02 6.32 -0.52	62.63 5.22 -0.05	51.19 3.17 0.00	47.93 2.54 0.00	41.39 2.45 0.00	36.60 2.33 0.00	33.90 2.16 -0.04
GLENWOOD___4 23550	35.34 2.36 -6.45	34.14 2.19 -7.30	32.34 2.05 -6.12	28.87 1.93 -3.46	29.15 1.81 -4.08	30.81 1.90 -4.51	32.49 2.18 -5.01	33.37 2.60 -1.55	36.34 2.97 -1.73	38.25 3.32 -1.09	39.20 3.00 -2.44	40.62 3.14 -0.15	45.84 3.59 -1.48	47.62 3.81 -0.02	52.26 3.93 -3.69	56.72 5.33 -0.67	66.38 6.28 -0.88	70.21 6.51 -0.52	62.80 5.39 -0.05	51.38 3.36 0.00	48.07 2.68 0.00	41.70 2.76 0.00	36.87 2.60 0.00	34.18 2.44 -0.04
GLENWOOD___5 23614	35.34 2.36 -6.45	34.14 2.19 -7.30	32.34 2.05 -6.12	28.87 1.93 -3.46	29.15 1.81 -4.08	30.81 1.90 -4.51	32.49 2.18 -5.01	33.37 2.60 -1.55	36.34 2.97 -1.73	38.25 3.32 -1.09	39.20 3.00 -2.44	40.62 3.14 -0.15	45.84 3.59 -1.48	47.62 3.81 -0.02	52.26 3.93 -3.69	56.72 5.33 -0.67	66.38 6.28 -0.88	70.21 6.51 -0.52	62.80 5.39 -0.05	51.38 3.36 0.00	48.07 2.68 0.00	41.70 2.76 0.00	36.87 2.60 0.00	34.18 2.44 -0.04
GLOBAL GREEN_PORT_GT1 23814	37.09 4.11 -6.45	35.99 4.04 -7.30	34.20 3.91 -6.12	30.61 3.66 -3.46	30.86 3.53 -4.08	32.64 3.73 -4.51	34.49 4.17 -5.01	35.41 4.65 -1.55	38.85 5.47 -1.73	41.09 6.16 -1.09	42.98 6.18 -3.05	44.73 6.65 -0.75	52.27 7.42 -4.08	52.09 7.75 -0.55	62.29 7.81 -9.84	80.15 9.43 -20.00	95.19 10.95 -25.02	118.39 11.56 -43.65	125.47 10.27 -57.85	114.92 7.30 -59.60	60.86 6.44 -9.03	47.41 5.45 -3.02	41.01 4.94 -1.81	36.56 4.82 -0.04
GLOBE___DSASP 323697	27.54 1.01 0.00	25.48 0.84 0.00	24.72 0.56 0.00	23.81 0.33 0.00	23.58 0.33 0.00	24.86 0.46 0.00	25.99 0.68 0.00	29.69 0.47 0.00	31.42 -0.22 0.00	33.44 -0.41 0.00	33.69 -0.07 0.00	37.30 -0.04 0.00	40.73 -0.04 0.00	43.22 -0.44 0.13	44.39 -0.09 0.15	50.47 0.10 0.35	58.87 0.06 0.41	63.82 0.32 -0.33	57.26 0.17 0.27	49.20 1.44 0.26	45.80 0.41 0.00	39.41 0.47 0.00	34.50 0.24 0.00	32.62 0.92 0.00
GOETHSLN___LBMP 323567	28.36 1.83 0.00	26.35 1.70 0.00	25.70 1.55 0.01	24.88 1.41 0.01	24.53 1.28 0.00	25.76 1.37 0.00	27.00 1.70 0.00	31.30 2.07 0.00	34.24 2.40 -0.20	36.99 2.71 -0.44	33.47 2.43 2.72	40.10 2.61 -0.15	35.36 2.89 8.30	46.91 3.11 -0.02	36.51 3.08 11.21	56.01 4.62 -0.67	65.79 5.68 -0.88	69.64 5.94 -0.52	62.05 4.65 -0.05	50.57 2.55 0.00	35.17 1.77 11.99	40.96 2.02 0.00	36.25 1.99 0.00	33.47 1.78 0.00
GOLAH___69_KV_TB 1_2 80279	27.91 1.38 0.00	25.83 1.18 0.00	25.08 0.92 0.00	24.24 0.75 0.00	24.02 0.77 0.00	25.32 0.93 0.00	26.44 1.14 0.00	30.42 1.20 0.00	32.36 0.73 0.00	34.46 0.61 0.00	34.67 0.91 0.00	38.57 1.23 0.00	42.11 1.35 0.00	45.12 1.49 0.16	46.18 1.74 0.19	52.56 2.28 0.44	61.13 2.43 0.51	66.26 2.84 -0.23	59.51 2.52 0.38	50.77 3.07 0.33	47.48 2.09 0.00	40.58 1.64 0.00	35.53 1.27 0.00	33.41 1.71 0.00
GOODYEAR_LAKE_HYD 323669	28.02 1.49 0.00	25.98 1.33 0.00	25.49 1.33 0.00	24.78 1.29 0.00	24.55 1.30 0.00	25.79 1.39 0.00	26.80 1.49 0.00	30.86 1.64 0.00	33.41 1.77 0.00	35.44 1.59 0.00	35.45 1.69 0.00	39.21 1.87 0.00	42.85 2.08 0.00	45.98 2.19 0.00	46.82 2.19 0.00	53.61 2.89 0.00	62.71 3.49 0.00	66.91 3.73 0.00	60.97 3.61 0.00	50.95 2.93 0.00	47.94 2.54 0.00	41.00 2.06 0.00	35.91 1.64 0.00	33.13 1.43 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	27.49 0.96 0.00	25.48 0.84 0.00	24.89 0.72 0.00	24.14 0.66 0.00	23.90 0.65 0.00	25.15 0.76 0.00	26.16 0.86 0.00	30.22 0.99 0.00	32.52 0.89 0.00	34.76 0.91 0.00	34.87 1.11 0.00	38.61 1.27 0.00	42.19 1.43 0.00	45.35 1.36 -0.21	46.31 1.43 -0.25	53.31 2.03 -0.57	62.42 2.55 -0.66	66.83 2.84 -0.80	60.73 2.70 -0.68	50.79 2.35 -0.42	47.30 1.91 0.00	40.54 1.60 0.00	35.50 1.23 0.00	32.87 1.17 0.00
GOUDEY___7 23579	27.51 0.98 0.00	25.51 0.86 0.00	24.91 0.75 0.00	24.16 0.68 0.00	23.93 0.67 0.00	25.18 0.78 0.00	26.19 0.89 0.00	30.27 1.05 0.00	32.59 0.95 0.00	34.79 0.95 0.00	34.94 1.18 0.00	38.68 1.34 0.00	42.24 1.47 0.00	45.40 1.40 -0.21	46.40 1.52 -0.25	53.41 2.13 -0.57	62.48 2.61 -0.66	66.89 2.91 -0.80	60.85 2.81 -0.68	50.84 2.40 -0.42	47.35 1.95 0.00	40.58 1.64 0.00	35.53 1.27 0.00	32.90 1.20 0.00
GOUDEY___8 23580	27.49 0.96 0.00	25.48 0.84 0.00	24.89 0.72 0.00	24.14 0.66 0.00	23.90 0.65 0.00	25.15 0.76 0.00	26.16 0.86 0.00	30.22 0.99 0.00	32.52 0.89 0.00	34.76 0.91 0.00	34.87 1.11 0.00	38.61 1.27 0.00	42.19 1.43 0.00	45.35 1.36 -0.21	46.31 1.43 -0.25	53.31 2.03 -0.57	62.42 2.55 -0.66	66.83 2.84 -0.80	60.73 2.70 -0.68	50.79 2.35 -0.42	47.30 1.91 0.00	40.54 1.60 0.00	35.50 1.23 0.00	32.87 1.17 0.00
GOWANUS_GT1_1 24077	28.87 2.33 -0.01	26.80 2.14 -0.01	26.15 1.98 0.00	25.29 1.81 0.00	24.90 1.65 0.00	26.10 1.71 0.00	27.40 2.10 0.00	31.68 2.45 0.00	34.72 2.88 -0.20	37.58 3.28 -0.45	36.74 2.97 -0.01	40.66 3.17 -0.15	44.11 3.34 0.00	47.31 3.50 -0.02	48.12 3.48 0.00	81.57 5.22 -25.63	81.41 6.40 -15.80	77.96 6.82 -7.95	101.67 5.39 -38.92	50.94 2.93 0.01	47.52 2.13 0.01	41.47 2.53 0.00	36.73 2.47 0.00	33.86 2.16 0.00
GOWANUS_GT1_2 24078	28.87 2.33 -0.01	26.80 2.14 -0.01	26.15 1.98 0.00	25.29 1.81 0.00	24.90 1.65 0.00	26.10 1.71 0.00	27.40 2.10 0.00	31.68 2.45 0.00	34.72 2.88 -0.20	37.58 3.28 -0.45	36.74 2.97 -0.01	40.66 3.17 -0.15	44.11 3.34 0.00	47.31 3.50 -0.02	48.12 3.48 0.00	81.57 5.22 -25.63	81.41 6.40 -15.80	77.96 6.82 -7.95	101.67 5.39 -38.92	50.94 2.93 0.01	47.52 2.13 0.01	41.47 2.53 0.00	36.73 2.47 0.00	33.86 2.16 0.00

GOWANUS_GT1_3 24079	28.87	26.80	26.15	25.29	24.90	26.10	27.40	31.68	34.72	37.58	36.74	40.66	44.11	47.31	48.12	81.57	81.41	77.96	101.67	50.94	47.52	41.47	36.73	33.86
	2.33	2.14	1.98	1.81	1.65	1.71	2.10	2.45	2.88	3.28	2.97	3.17	3.34	3.50	3.48	5.22	6.40	6.82	5.39	2.93	2.13	2.53	2.47	2.16
	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	-0.45	-0.01	-0.15	0.00	-0.02	0.00	-25.63	-15.80	-7.95	-38.92	0.01	0.01	0.00	0.00
GOWANUS_GT1_4 24080	28.87	26.80	26.15	25.29	24.90	26.10	27.40	31.68	34.72	37.58	36.74	40.66	44.11	47.31	48.12	81.57	81.41	77.96	101.67	50.94	47.52	41.47	36.73	33.86
	2.33	2.14	1.98	1.81	1.65	1.71	2.10	2.45	2.88	3.28	2.97	3.17	3.34	3.50	3.48	5.22	6.40	6.82	5.39	2.93	2.13	2.53	2.47	2.16
	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	-0.45	-0.01	-0.15	0.00	-0.02	0.00	-25.63	-15.80	-7.95	-38.92	0.01	0.01	0.00	0.00
GOWANUS_GT1_5 24084	28.87	26.80	26.15	25.29	24.90	26.10	27.40	31.68	34.72	37.58	36.74	40.66	44.11	47.31	48.12	81.57	81.41	77.96	101.67	50.94	47.52	41.47	36.73	33.86
	2.33	2.14	1.98	1.81	1.65	1.71	2.10	2.45	2.88	3.28	2.97	3.17	3.34	3.50	3.48	5.22	6.40	6.82	5.39	2.93	2.13	2.53	2.47	2.16
	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	-0.45	-0.01	-0.15	0.00	-0.02	0.00	-25.63	-15.80	-7.95	-38.92	0.01	0.01	0.00	0.00
GOWANUS_GT1_6 24111	28.87	26.80	26.15	25.29	24.90	26.10	27.40	31.68	34.72	37.58	36.74	40.66	44.11	47.31	48.12	81.57	81.41	77.96	101.67	50.94	47.52	41.47	36.73	33.86
	2.33	2.14	1.98	1.81	1.65	1.71	2.10	2.45	2.88	3.28	2.97	3.17	3.34	3.50	3.48	5.22	6.40	6.82	5.39	2.93	2.13	2.53	2.47	2.16
	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	-0.45	-0.01	-0.15	0.00	-0.02	0.00	-25.63	-15.80	-7.95	-38.92	0.01	0.01	0.00	0.00
GOWANUS_GT1_7 24112	28.87	26.80	26.15	25.29	24.90	26.10	27.40	31.68	34.72	37.58	36.74	40.66	44.11	47.31	48.12	81.57	81.41	77.96	101.67	50.94	47.52	41.47	36.73	33.86
	2.33	2.14	1.98	1.81	1.65	1.71	2.10	2.45	2.88	3.28	2.97	3.17	3.34	3.50	3.48	5.22	6.40	6.82	5.39	2.93	2.13	2.53	2.47	2.16
	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	-0.45	-0.01	-0.15	0.00	-0.02	0.00	-25.63	-15.80	-7.95	-38.92	0.01	0.01	0.00	0.00
GOWANUS_GT1_8 24113	28.87	26.80	26.15	25.29	24.90	26.10	27.40	31.68	34.72	37.58	36.74	40.66	44.11	47.31	48.12	81.57	81.41	77.96	101.67	50.94	47.52	41.47	36.73	33.86
	2.33	2.14	1.98	1.81	1.65	1.71	2.10	2.45	2.88	3.28	2.97	3.17	3.34	3.50	3.48	5.22	6.40	6.82	5.39	2.93	2.13	2.53	2.47	2.16
	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	-0.45	-0.01	-0.15	0.00	-0.02	0.00	-25.63	-15.80	-7.95	-38.92	0.01	0.01	0.00	0.00
GOWANUS_GT2_1 24114	28.87	26.80	26.15	25.29	24.90	26.10	27.38	31.68	34.72	37.65	36.74	40.66	44.15	47.35	48.16	81.62	81.53	78.02	101.73	50.99	47.66	41.55	36.77	33.86
	2.34	2.14	1.98	1.81	1.65	1.71	2.08	2.45	2.88	3.35	2.97	3.17	3.38	3.55	3.53	5.27	6.51	6.89	5.45	2.98	2.27	2.61	2.50	2.16
	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	-0.45	-0.01	-0.15	0.00	-0.02	0.00	-25.63	-15.80	-7.95	-38.92	0.01	0.01	0.00	0.00	
GOWANUS_GT2_2 24115	28.87	26.80	26.15	25.29	24.90	26.10	27.38	31.68	34.72	37.65	36.74	40.66	44.15	47.35	48.16	81.62	81.53	78.02	101.73	50.99	47.66	41.55	36.77	33.86
	2.34	2.14	1.98	1.81	1.65	1.71	2.08	2.45	2.88	3.35	2.97	3.17	3.38	3.55	3.53	5.27	6.51	6.89	5.45	2.98	2.27	2.61	2.50	2.16
	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	-0.45	-0.01	-0.15	0.00	-0.02	0.00	-25.63	-15.80	-7.95	-38.92	0.01	0.01	0.00	0.00	
GOWANUS_GT2_3 24116	28.87	26.80	26.15	25.29	24.90	26.10	27.38	31.68	34.72	37.65	36.74	40.66	44.15	47.35	48.16	81.62	81.53	78.02	101.73	50.99	47.66	41.55	36.77	33.86
	2.34	2.14	1.98	1.81	1.65	1.71	2.08	2.45	2.88	3.35	2.97	3.17	3.38	3.55	3.53	5.27	6.51	6.89	5.45	2.98	2.27	2.61	2.50	2.16
	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	-0.45	-0.01	-0.15	0.00	-0.02	0.00	-25.63	-15.80	-7.95	-38.92	0.01	0.01	0.00	0.00	
GOWANUS_GT2_4 24117	28.87	26.80	26.15	25.29	24.90	26.10	27.38	31.68	34.72	37.65	36.74	40.66	44.15	47.35	48.16	81.62	81.53	78.02	101.73	50.99	47.66	41.55	36.77	33.86
	2.34	2.14	1.98	1.81	1.65	1.71	2.08	2.45	2.88	3.35	2.97	3.17	3.38	3.55	3.53	5.27	6.51	6.89	5.45	2.98	2.27	2.61	2.50	2.16
	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	-0.45	-0.01	-0.15	0.00	-0.02	0.00	-25.63	-15.80	-7.95	-38.92	0.01	0.01	0.00	0.00	
GOWANUS_GT2_5 24118	28.87	26.80	26.15	25.29	24.90	26.10	27.38	31.68	34.72	37.65	36.74	40.66	44.15	47.35	48.16	81.62	81.53	78.02	101.73	50.99	47.66	41.55	36.77	33.86
	2.34	2.14	1.98	1.81	1.65	1.71	2.08	2.45	2.88	3.35	2.97	3.17	3.38	3.55	3.53	5.27	6.51	6.89	5.45	2.98	2.27	2.61	2.50	2.16
	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	-0.45	-0.01	-0.15	0.00	-0.02	0.00	-25.63	-15.80	-7.95	-38.92	0.01	0.01	0.00	0.00	
GOWANUS_GT2_6 24119	28.87	26.80	26.15	25.29	24.90	26.10	27.38	31.68	34.72	37.65	36.74	40.66	44.15	47.35	48.16	81.62	81.53	78.02	101.73	50.99	47.66	41.55	36.77	33.86
	2.34	2.14	1.98	1.81	1.65	1.71	2.08	2.45	2.88	3.35	2.97	3.17	3.38	3.55	3.53	5.27	6.51	6.89	5.45	2.98	2.27	2.61	2.50	2.16
	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	-0.45	-0.01	-0.15	0.00	-0.02	0.00	-25.63	-15.80	-7.95	-38.92	0.01	0.01	0.00	0.00	
GOWANUS_GT2_7 24120	28.87	26.80	26.15	25.29	24.90	26.10	27.38	31.68	34.72	37.65	36.74	40.66	44.15	47.35	48.16	81.62	81.53	78.02	101.73	50.99	47.66	41.55	36.77	33.86
	2.34	2.14	1.98	1.81	1.65	1.71	2.08	2.45	2.88	3.35	2.97	3.17	3.38	3.55	3.53	5.27	6.51	6.89	5.45	2.98	2.27	2.61	2.50	2.16
	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	-0.45	-0.01	-0.15	0.00	-0.02	0.00	-25.63	-15.80	-7.95	-38.92	0.01	0.01	0.00	0.00	
GOWANUS_GT2_8 24121	28.87	26.80	26.15	25.29	24.90	26.10	27.38	31.68	34.72	37.65	36.74	40.66	44.15	47.35	48.16	81.62	81.53	78.02	101.73	50.99	47.66	41.55	36.77	33.86
	2.34	2.14	1.98	1.81	1.65	1.71	2.08	2.45	2.88	3.35	2.97	3.17	3.38	3.55	3.53	5.27	6.51	6.89	5.45	2.98	2.27	2.61	2.50	2.16
	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	-0.45	-0.01	-0.15	0.00	-0.02	0.00	-25.63	-15.80	-7.95	-38.92	0.01	0.01	0.00	0.00	
GOWANUS_GT3_1 24122	28.87	26.80	26.15	25.29	24.90	26.10	27.38	31.68	34.72	37.65	36.74	40.66	44.15	47.35	48.16	81.62	81.53	78.02	101.73	50.99	47.66	41.55	36.77	33.86
	2.34	2.14	1.98	1.81	1.65	1.71	2.08	2.45	2.88	3.35	2.97	3.17	3.38	3.55	3.53	5.27	6.51	6.89	5.45	2.98	2.27	2.61	2.50	2.16
	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	-0.45	-0.01	-0.15	0.00	-0.02	0.00	-25.63	-15.80	-7.95	-38.92	0.01	0.01	0.00	0.00	

GOWANUS_GT3_2 24123	28.87 2.34 -0.01	26.80 2.14 -0.01	26.15 1.98 0.00	25.29 1.81 0.00	24.90 1.65 0.00	26.10 1.71 0.00	27.38 2.08 0.00	31.68 2.45 0.00	34.72 2.88 -0.20	37.65 3.35 -0.45	36.74 2.97 -0.01	40.66 3.17 -0.15	44.15 3.38 0.00	47.35 3.55 -0.02	48.16 3.53 0.00	81.62 5.27 -25.63	81.53 6.51 -15.80	78.02 6.89 -7.95	101.73 5.45 -38.92	50.99 2.98 0.01	47.66 2.27 0.01	41.55 2.61 0.00	36.77 2.50 0.00	33.86 2.16 0.00
GOWANUS_GT3_3 24124	28.87 2.34 -0.01	26.80 2.14 -0.01	26.15 1.98 0.00	25.29 1.81 0.00	24.90 1.65 0.00	26.10 1.71 0.00	27.38 2.08 0.00	31.68 2.45 0.00	34.72 2.88 -0.20	37.65 3.35 -0.45	36.74 2.97 -0.01	40.66 3.17 -0.15	44.15 3.38 0.00	47.35 3.55 -0.02	48.16 3.53 0.00	81.62 5.27 -25.63	81.53 6.51 -15.80	78.02 6.89 -7.95	101.73 5.45 -38.92	50.99 2.98 0.01	47.66 2.27 0.01	41.55 2.61 0.00	36.77 2.50 0.00	33.86 2.16 0.00
GOWANUS_GT3_4 24125	28.87 2.34 -0.01	26.80 2.14 -0.01	26.15 1.98 0.00	25.29 1.81 0.00	24.90 1.65 0.00	26.10 1.71 0.00	27.38 2.08 0.00	31.68 2.45 0.00	34.72 2.88 -0.20	37.65 3.35 -0.45	36.74 2.97 -0.01	40.66 3.17 -0.15	44.15 3.38 0.00	47.35 3.55 -0.02	48.16 3.53 0.00	81.62 5.27 -25.63	81.53 6.51 -15.80	78.02 6.89 -7.95	101.73 5.45 -38.92	50.99 2.98 0.01	47.66 2.27 0.01	41.55 2.61 0.00	36.77 2.50 0.00	33.86 2.16 0.00
GOWANUS_GT3_5 24126	28.87 2.34 -0.01	26.80 2.14 -0.01	26.15 1.98 0.00	25.29 1.81 0.00	24.90 1.65 0.00	26.10 1.71 0.00	27.38 2.08 0.00	31.68 2.45 0.00	34.72 2.88 -0.20	37.65 3.35 -0.45	36.74 2.97 -0.01	40.66 3.17 -0.15	44.15 3.38 0.00	47.35 3.55 -0.02	48.16 3.53 0.00	81.62 5.27 -25.63	81.53 6.51 -15.80	78.02 6.89 -7.95	101.73 5.45 -38.92	50.99 2.98 0.01	47.66 2.27 0.01	41.55 2.61 0.00	36.77 2.50 0.00	33.86 2.16 0.00
GOWANUS_GT3_6 24127	28.87 2.34 -0.01	26.80 2.14 -0.01	26.15 1.98 0.00	25.29 1.81 0.00	24.90 1.65 0.00	26.10 1.71 0.00	27.38 2.08 0.00	31.68 2.45 0.00	34.72 2.88 -0.20	37.65 3.35 -0.45	36.74 2.97 -0.01	40.66 3.17 -0.15	44.15 3.38 0.00	47.35 3.55 -0.02	48.16 3.53 0.00	81.62 5.27 -25.63	81.53 6.51 -15.80	78.02 6.89 -7.95	101.73 5.45 -38.92	50.99 2.98 0.01	47.66 2.27 0.01	41.55 2.61 0.00	36.77 2.50 0.00	33.86 2.16 0.00
GOWANUS_GT3_7 24128	28.87 2.34 -0.01	26.80 2.14 -0.01	26.15 1.98 0.00	25.29 1.81 0.00	24.90 1.65 0.00	26.10 1.71 0.00	27.38 2.08 0.00	31.68 2.45 0.00	34.72 2.88 -0.20	37.65 3.35 -0.45	36.74 2.97 -0.01	40.66 3.17 -0.15	44.15 3.38 0.00	47.35 3.55 -0.02	48.16 3.53 0.00	81.62 5.27 -25.63	81.53 6.51 -15.80	78.02 6.89 -7.95	101.73 5.45 -38.92	50.99 2.98 0.01	47.66 2.27 0.01	41.55 2.61 0.00	36.77 2.50 0.00	33.86 2.16 0.00
GOWANUS_GT3_8 24129	28.87 2.34 -0.01	26.80 2.14 -0.01	26.15 1.98 0.00	25.29 1.81 0.00	24.90 1.65 0.00	26.10 1.71 0.00	27.38 2.08 0.00	31.68 2.45 0.00	34.72 2.88 -0.20	37.65 3.35 -0.45	36.74 2.97 -0.01	40.66 3.17 -0.15	44.15 3.38 0.00	47.35 3.55 -0.02	48.16 3.53 0.00	81.62 5.27 -25.63	81.53 6.51 -15.80	78.02 6.89 -7.95	101.73 5.45 -38.92	50.99 2.98 0.01	47.66 2.27 0.01	41.55 2.61 0.00	36.77 2.50 0.00	33.86 2.16 0.00
GOWANUS_GT4_1 24130	28.87 2.33 -0.01	26.80 2.14 -0.01	26.15 1.98 0.00	25.29 1.81 0.00	24.90 1.65 0.00	26.10 1.71 0.00	27.40 2.10 0.00	31.68 2.45 0.00	34.72 2.88 -0.20	37.58 3.28 -0.45	36.74 2.97 -0.01	40.66 3.17 -0.15	44.11 3.34 0.00	47.31 3.50 -0.02	48.12 3.48 0.00	81.57 5.22 -25.63	81.41 6.40 -15.80	77.96 6.82 -7.95	101.67 5.39 -38.92	50.94 2.93 0.01	47.52 2.13 0.01	41.47 2.53 0.00	36.73 2.47 0.00	33.86 2.16 0.00
GOWANUS_GT4_2 24131	28.87 2.33 -0.01	26.80 2.14 -0.01	26.15 1.98 0.00	25.29 1.81 0.00	24.90 1.65 0.00	26.10 1.71 0.00	27.40 2.10 0.00	31.68 2.45 0.00	34.72 2.88 -0.20	37.58 3.28 -0.45	36.74 2.97 -0.01	40.66 3.17 -0.15	44.11 3.34 0.00	47.31 3.50 -0.02	48.12 3.48 0.00	81.57 5.22 -25.63	81.41 6.40 -15.80	77.96 6.82 -7.95	101.67 5.39 -38.92	50.94 2.93 0.01	47.52 2.13 0.01	41.47 2.53 0.00	36.73 2.47 0.00	33.86 2.16 0.00
GOWANUS_GT4_3 24132	28.87 2.33 -0.01	26.80 2.14 -0.01	26.15 1.98 0.00	25.29 1.81 0.00	24.90 1.65 0.00	26.10 1.71 0.00	27.40 2.10 0.00	31.68 2.45 0.00	34.72 2.88 -0.20	37.58 3.28 -0.45	36.74 2.97 -0.01	40.66 3.17 -0.15	44.11 3.34 0.00	47.31 3.50 -0.02	48.12 3.48 0.00	81.57 5.22 -25.63	81.41 6.40 -15.80	77.96 6.82 -7.95	101.67 5.39 -38.92	50.94 2.93 0.01	47.52 2.13 0.01	41.47 2.53 0.00	36.73 2.47 0.00	33.86 2.16 0.00
GOWANUS_GT4_4 24133	28.87 2.33 -0.01	26.80 2.14 -0.01	26.15 1.98 0.00	25.29 1.81 0.00	24.90 1.65 0.00	26.10 1.71 0.00	27.40 2.10 0.00	31.68 2.45 0.00	34.72 2.88 -0.20	37.58 3.28 -0.45	36.74 2.97 -0.01	40.66 3.17 -0.15	44.11 3.34 0.00	47.31 3.50 -0.02	48.12 3.48 0.00	81.57 5.22 -25.63	81.41 6.40 -15.80	77.96 6.82 -7.95	101.67 5.39 -38.92	50.94 2.93 0.01	47.52 2.13 0.01	41.47 2.53 0.00	36.73 2.47 0.00	33.86 2.16 0.00
GOWANUS_GT4_5 24134	28.87 2.33 -0.01	26.80 2.14 -0.01	26.15 1.98 0.00	25.29 1.81 0.00	24.90 1.65 0.00	26.10 1.71 0.00	27.40 2.10 0.00	31.68 2.45 0.00	34.72 2.88 -0.20	37.58 3.28 -0.45	36.74 2.97 -0.01	40.66 3.17 -0.15	44.11 3.34 0.00	47.31 3.50 -0.02	48.12 3.48 0.00	81.57 5.22 -25.63	81.41 6.40 -15.80	77.96 6.82 -7.95	101.67 5.39 -38.92	50.94 2.93 0.01	47.52 2.13 0.01	41.47 2.53 0.00	36.73 2.47 0.00	33.86 2.16 0.00
GOWANUS_GT4_6 24135	28.87 2.33 -0.01	26.80 2.14 -0.01	26.15 1.98 0.00	25.29 1.81 0.00	24.90 1.65 0.00	26.10 1.71 0.00	27.40 2.10 0.00	31.68 2.45 0.00	34.72 2.88 -0.20	37.58 3.28 -0.45	36.74 2.97 -0.01	40.66 3.17 -0.15	44.11 3.34 0.00	47.31 3.50 -0.02	48.12 3.48 0.00	81.57 5.22 -25.63	81.41 6.40 -15.80	77.96 6.82 -7.95	101.67 5.39 -38.92	50.94 2.93 0.01	47.52 2.13 0.01	41.47 2.53 0.00	36.73 2.47 0.00	33.86 2.16 0.00
GOWANUS_GT4_7 24136	28.87 2.33 -0.01	26.80 2.14 -0.01	26.15 1.98 0.00	25.29 1.81 0.00	24.90 1.65 0.00	26.10 1.71 0.00	27.40 2.10 0.00	31.68 2.45 0.00	34.72 2.88 -0.20	37.58 3.28 -0.45	36.74 2.97 -0.01	40.66 3.17 -0.15	44.11 3.34 0.00	47.31 3.50 -0.02	48.12 3.48 0.00	81.57 5.22 -25.63	81.41 6.40 -15.80	77.96 6.82 -7.95	101.67 5.39 -38.92	50.94 2.93 0.01	47.52 2.13 0.01	41.47 2.53 0.00	36.73 2.47 0.00	33.86 2.16 0.00
GOWANUS_GT4_8 24137	28.87 2.33 -0.01	26.80 2.14 -0.01	26.15 1.98 0.00	25.29 1.81 0.00	24.90 1.65 0.00	26.10 1.71 0.00	27.40 2.10 0.00	31.68 2.45 0.00	34.72 2.88 -0.20	37.58 3.28 -0.45	36.74 2.97 -0.01	40.66 3.17 -0.15	44.11 3.34 0.00	47.31 3.50 -0.02	48.12 3.48 0.00	81.57 5.22 -25.63	81.41 6.40 -15.80	77.96 6.82 -7.95	101.67 5.39 -38.92	50.94 2.93 0.01	47.52 2.13 0.01	41.47 2.53 0.00	36.73 2.47 0.00	33.86 2.16 0.00

GREENBSH_115KV_TB3 55895	27.17 0.64 0.00	25.26 0.62 0.00	24.82 0.65 0.00	24.16 0.68 0.00	23.86 0.60 0.00	25.01 0.61 0.00	25.86 0.56 0.00	29.81 0.58 0.00	32.21 0.79 0.21	34.21 0.85 0.48	34.54 0.78 0.00	37.96 0.78 0.16	41.50 0.73 0.00	44.56 0.79 0.02	45.49 0.85 0.00	51.50 1.52 0.74	60.39 2.13 0.96	64.76 2.15 0.57	59.03 1.72 0.05	49.08 1.06 0.00	45.89 0.50 0.00	39.49 0.55 0.00	35.05 0.79 0.00	32.33 0.63 0.00
GREENDGE_115KV_TB5 80291	27.86 1.33 0.00	25.78 1.13 0.00	25.08 0.92 0.00	24.28 0.80 0.00	24.09 0.84 0.00	25.42 1.02 0.00	26.52 1.21 0.00	30.65 1.43 0.00	32.71 1.08 0.00	34.79 0.95 0.00	34.91 1.15 0.00	38.68 1.34 0.00	42.28 1.51 0.00	45.44 1.53 -0.12	46.48 1.70 -0.14	53.33 2.28 -0.33	62.44 2.84 -0.38	67.85 3.35 -1.32	61.23 3.33 -0.54	51.39 3.12 -0.24	47.85 2.45 0.00	40.85 1.91 0.00	35.64 1.37 0.00	33.06 1.36 0.00
GREENIDGE___3 23582	27.86 1.33 0.00	25.78 1.13 0.00	25.08 0.92 0.00	24.28 0.80 0.00	24.09 0.84 0.00	25.42 1.02 0.00	26.52 1.21 0.00	30.65 1.43 0.00	32.71 1.08 0.00	34.79 0.95 0.00	34.91 1.15 0.00	38.68 1.34 0.00	42.28 1.51 0.00	45.44 1.53 -0.12	46.48 1.70 -0.14	53.33 2.28 -0.33	62.44 2.84 -0.38	67.85 3.35 -1.32	61.23 3.33 -0.54	51.39 3.12 -0.24	47.85 2.45 0.00	40.85 1.91 0.00	35.64 1.37 0.00	33.06 1.36 0.00
GREENIDGE___4 23583	27.86 1.33 0.00	25.78 1.13 0.00	25.11 0.94 0.00	24.28 0.80 0.00	24.09 0.84 0.00	25.42 1.02 0.00	26.54 1.24 0.00	30.65 1.43 0.00	32.71 1.08 0.00	34.56 0.71 0.00	34.91 1.15 0.00	38.64 1.31 0.00	42.23 1.47 0.00	45.40 1.49 -0.12	46.39 1.60 -0.14	53.38 2.33 -0.33	62.38 2.78 -0.38	67.79 3.28 -1.32	61.17 3.27 -0.54	51.63 3.36 -0.24	47.80 2.40 0.00	40.85 1.91 0.00	35.57 1.30 0.00	33.25 1.55 0.00
GREENLWN_69_KV_BK 3 55738	35.68 2.71 -6.45	34.46 2.51 -7.30	32.65 2.37 -6.12	29.18 2.23 -3.46	29.42 2.09 -4.08	31.12 2.22 -4.51	32.84 2.53 -5.01	33.75 2.98 -1.55	36.73 3.35 -1.74	38.49 3.55 -1.09	38.92 2.80 -2.36	40.11 2.76 -0.01	44.93 3.26 -0.90	47.22 3.42 -0.01	50.59 3.62 -2.33	51.94 4.82 3.60	60.33 5.57 4.45	56.16 5.69 12.71	46.00 4.76 16.12	37.69 2.83 13.17	45.62 2.22 2.00	39.35 2.45 2.04	36.21 2.16 0.22	34.12 2.38 -0.04
GREENWD_138_KV_38B11_REV_LBMP_J 345004	28.87 2.33 -0.01	26.80 2.14 -0.01	26.15 1.98 0.00	25.29 1.81 0.00	24.90 1.65 0.00	26.10 1.71 0.00	27.40 2.10 0.00	31.68 2.45 0.00	34.72 2.88 -0.20	37.58 3.28 -0.45	36.74 2.97 -0.01	40.66 3.17 -0.15	44.11 3.34 0.00	47.31 3.50 -0.02	48.12 3.48 0.00	81.57 5.22 -25.63	81.41 6.40 -15.80	77.96 6.82 -7.95	101.67 5.39 -38.92	50.94 2.93 0.01	47.52 2.13 0.01	41.47 2.53 0.00	36.73 2.47 0.00	33.86 2.16 0.00
GRISSOM___SOLAR 323813	29.34 2.81 0.00	27.16 2.51 0.00	26.60 2.44 0.00	25.88 2.40 0.00	25.60 2.35 0.00	27.15 2.76 0.00	28.11 2.81 0.00	32.49 3.27 0.00	35.08 3.61 0.16	36.91 3.42 0.36	38.12 4.36 0.00	41.77 4.55 0.12	46.03 5.26 0.00	49.29 5.52 0.01	48.97 4.33 0.00	55.44 5.27 0.55	66.08 7.58 0.72	71.17 8.40 0.42	65.58 8.26 0.04	54.98 6.96 0.00	51.29 5.90 0.00	43.61 4.67 0.00	38.31 4.04 0.00	35.16 3.46 0.00
GROVEVILLE___HYD 323602	28.39 1.86 0.00	26.37 1.73 0.00	25.76 1.59 0.00	24.96 1.48 0.00	24.55 1.30 0.00	25.71 1.32 0.00	26.87 1.57 0.00	30.95 1.72 0.00	33.81 2.02 -0.15	36.45 2.27 -0.33	35.92 2.16 0.00	39.76 2.31 -0.11	43.42 2.65 0.00	46.74 2.93 -0.01	47.63 2.99 0.00	55.59 4.36 -0.51	65.28 5.39 -0.67	69.14 5.56 -0.40	61.98 4.59 -0.04	50.90 2.88 0.00	47.57 2.18 0.00	41.28 2.34 0.00	36.36 2.09 0.00	33.57 1.87 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	26.80 0.27 0.00	24.84 0.20 0.00	24.28 0.12 0.00	23.55 0.07 0.00	23.35 0.09 0.00	24.54 0.15 0.00	25.50 0.20 0.00	29.48 0.26 0.00	31.73 0.09 0.00	33.88 0.03 0.00	34.00 0.24 0.00	37.67 0.34 0.00	41.18 0.41 0.00	44.93 0.53 -0.61	45.99 0.62 -0.73	53.40 1.01 -1.67	62.34 1.18 -1.93	68.25 1.39 -3.67	61.02 1.43 -2.23	50.50 1.25 -1.23	46.26 0.86 0.00	39.52 0.58 0.00	34.64 0.38 0.00	32.14 0.44 0.00
HAMLTNNY_34_KV_TB 80303	26.98 0.45 0.00	25.01 0.37 0.00	24.43 0.27 0.00	23.72 0.23 0.00	23.51 0.26 0.00	24.71 0.32 0.00	25.68 0.38 0.00	29.66 0.44 0.00	31.92 0.28 0.00	34.08 0.24 0.00	34.16 0.41 0.00	37.86 0.52 0.00	41.38 0.61 0.00	45.17 0.74 -0.63	46.33 0.94 -0.76	53.82 1.37 -1.73	62.82 1.60 -2.01	68.72 1.90 -3.64	61.47 1.84 -2.28	50.93 1.63 -1.28	46.62 1.23 0.00	39.80 0.86 0.00	34.88 0.62 0.00	32.37 0.67 0.00
HAMPSHIRE___PAPER_HYD 323593	26.00 -0.53 0.00	24.13 -0.52 0.00	23.68 -0.48 0.00	23.01 -0.47 0.00	22.90 -0.35 0.00	24.05 -0.34 0.00	24.92 -0.38 0.00	28.81 -0.41 0.00	31.22 -0.41 0.00	33.34 -0.51 0.00	33.29 -0.47 0.00	36.93 -0.41 0.00	40.24 -0.53 0.00	43.55 -0.48 -0.24	44.12 -0.80 -0.28	49.98 -1.32 -0.58	57.99 -1.90 -0.67	92.60 -2.34 -31.76	62.21 -1.32 -6.17	48.40 -0.05 -0.43	45.80 0.41 0.00	38.86 -0.08 0.00	33.92 -0.34 0.00	31.16 -0.54 0.00
HARDSCRABBLE_WT_PWR 323673	26.69 0.16 0.00	24.79 0.15 0.00	24.33 0.17 0.00	23.65 0.17 0.00	23.44 0.19 0.00	24.59 0.19 0.00	25.53 0.23 0.00	29.45 0.23 0.00	31.95 0.32 0.00	34.12 0.27 0.00	34.20 0.44 0.00	37.82 0.48 0.00	41.30 0.53 0.00	44.36 0.57 0.00	44.77 0.13 0.00	51.07 0.36 0.00	59.64 0.42 0.00	65.08 0.45 -1.45	58.25 0.63 -0.26	48.45 0.43 0.00	45.89 0.50 0.00	39.25 0.31 0.00	34.54 0.27 0.00	31.92 0.22 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	28.18 1.64 0.00	26.15 1.50 0.00	25.54 1.38 0.00	24.75 1.27 0.00	24.39 1.14 0.00	25.57 1.17 0.00	26.72 1.42 0.00	30.80 1.58 0.00	33.64 1.83 -0.16	36.25 2.03 -0.37	35.75 1.99 0.00	39.63 2.17 -0.12	43.21 2.45 0.00	46.52 2.71 -0.01	47.32 2.68 0.00	55.24 3.96 -0.57	64.82 4.86 -0.74	68.68 5.05 -0.44	61.53 4.13 -0.04	50.47 2.45 0.00	47.21 1.82 0.00	40.93 1.99 0.00	36.05 1.78 0.00	33.25 1.55 0.00
HARSNRAD_115KV_TB1 81005	28.31 1.78 0.00	26.17 1.53 0.00	25.40 1.23 0.00	24.47 0.99 0.00	24.23 0.98 0.00	25.54 1.15 0.00	26.67 1.37 0.00	30.45 1.23 0.00	31.92 0.28 0.00	33.95 0.10 0.00	34.23 0.47 0.00	37.97 0.63 0.00	41.46 0.69 0.00	43.93 0.26 0.13	45.16 0.67 0.15	51.23 0.86 0.35	59.94 1.13 0.40	64.91 1.39 -0.34	58.30 1.20 0.27	49.98 2.21 0.25	46.71 1.32 0.00	40.15 1.21 0.00	35.12 0.86 0.00	33.13 1.43 0.00
HARZA MOOSE___RIVER 24016	27.09 0.56 0.00	25.09 0.44 0.00	24.60 0.43 0.00	23.91 0.42 0.00	23.74 0.49 0.00	24.93 0.54 0.00	25.91 0.61 0.00	29.92 0.70 0.00	32.36 0.73 0.00	34.69 0.85 0.00	34.77 1.01 0.00	38.57 1.23 0.00	42.11 1.35 0.00	45.36 1.45 -0.12	45.99 1.21 -0.15	52.41 1.22 -0.48	61.13 1.36 -0.55	74.28 1.52 -9.59	61.57 2.06 -2.15	50.49 2.11 -0.35	47.53 2.13 0.00	40.26 1.32 0.00	35.19 0.93 0.00	32.40 0.70 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	26.61 0.08 0.00	24.67 0.02 0.00	24.12 -0.05 0.00	23.41 -0.07 0.00	23.18 -0.07 0.00	24.37 -0.02 0.00	25.30 0.00 0.00	29.25 0.03 0.00	31.45 -0.19 0.00	33.58 -0.27 0.00	33.69 -0.07 0.00	37.34 0.00 0.00	40.81 0.04 0.00	44.15 0.09 -0.27	45.14 0.18 -0.33	51.97 0.51 -0.75	60.67 0.59 -0.86	66.43 0.76 -2.49	59.31 0.80 -1.14	49.29 0.72 -0.55	45.71 0.32 0.00	39.10 0.16 0.00	34.30 0.03 0.00	31.86 0.16 0.00
HELLGATE_13_KV_LD 55870	28.71 2.18 0.00	26.64 2.00 0.00	26.03 1.86 0.00	25.18 1.69 0.00	24.79 1.53 0.00	26.01 1.61 0.00	27.30 2.00 0.00	31.62 2.40 0.00	34.62 2.78 -0.20	37.37 3.08 -0.45	36.57 2.80 -0.01	40.40 2.91 -0.15	43.87 3.10 0.00	47.09 3.28 -0.02	47.94 3.30 0.00	56.26 4.87 -0.67	66.08 5.98 -0.88	70.02 6.32 -0.52	62.34 4.93 -0.05	50.70 2.69 0.01	47.25 1.86 0.01	41.20 2.26 0.00	36.56 2.30 0.00	33.73 2.03 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	28.71 2.18 0.00	26.64 2.00 0.00	26.03 1.86 0.00	25.18 1.69 0.00	24.79 1.53 0.00	26.01 1.61 0.00	27.30 2.00 0.00	31.62 2.40 0.00	34.62 2.78 -0.20	37.37 3.08 -0.45	36.57 2.80 -0.01	40.40 2.91 -0.15	43.87 3.10 0.00	47.09 3.28 -0.02	47.94 3.30 0.00	56.26 4.87 -0.67	66.08 5.98 -0.88	70.02 6.32 -0.52	62.34 4.93 -0.05	50.70 2.69 0.01	47.25 1.86 0.01	41.20 2.26 0.00	36.56 2.30 0.00	33.73 2.03 0.00
HEMPSTEAD____ 23647	35.39 2.41 -6.45	34.19 2.24 -7.30	32.38 2.10 -6.12	28.89 1.95 -3.46	29.17 1.84 -4.08	30.83 1.93 -4.51	32.54 2.23 -5.01	33.40 2.63 -1.55	36.38 3.01 -1.73	38.32 3.38 -1.09	39.23 3.04 -2.44	40.73 3.25 -0.15	45.84 3.59 -1.48	48.09 3.77 -0.54	52.26 3.93 -3.69	56.57 5.18 -0.68	66.20 6.10 -0.88	70.02 6.32 -0.52	62.74 5.34 -0.05	51.29 3.27 0.00	48.12 2.72 0.00	41.55 2.61 0.00	36.80 2.54 0.00	34.18 2.44 -0.04
HEWLETT__69_KV_BK3 55828	35.71 2.73 -6.45	34.46 2.51 -7.30	32.65 2.37 -6.12	29.18 2.23 -3.46	29.42 2.09 -4.08	31.10 2.20 -4.51	32.77 2.45 -5.01	33.69 2.92 -1.54	36.57 3.20 -1.73	38.52 3.59 -1.09	39.61 3.41 -2.44	40.99 3.51 -0.15	46.32 4.08 -1.48	48.14 4.34 -0.02	52.79 4.46 -3.69	57.12 5.73 -0.67	66.73 6.63 -0.88	70.59 6.89 -0.52	63.26 5.85 -0.05	51.86 3.84 0.00	48.57 3.18 0.00	42.21 3.27 0.00	37.14 2.88 0.00	34.53 2.79 -0.04
HICKLING___1 23621	28.28 1.75 0.00	26.20 1.55 0.00	25.47 1.30 0.00	24.66 1.17 0.00	24.44 1.19 0.00	25.81 1.41 0.00	26.90 1.59 0.00	31.12 1.90 0.00	33.35 1.71 0.00	35.47 1.62 0.00	35.72 1.96 0.00	39.54 2.20 0.00	43.21 2.45 0.00	46.24 2.32 -0.13	47.38 2.59 -0.16	54.42 3.35 -0.36	63.66 4.03 -0.42	69.01 4.55 -1.27	62.28 4.36 -0.57	52.23 3.94 -0.26	48.71 3.31 0.00	41.70 2.76 0.00	36.39 2.12 0.00	33.76 2.06 0.00
HICKLING___2 23622	28.28 1.75 0.00	26.20 1.55 0.00	25.47 1.30 0.00	24.66 1.17 0.00	24.44 1.19 0.00	25.81 1.41 0.00	26.90 1.59 0.00	31.12 1.90 0.00	33.35 1.71 0.00	35.47 1.62 0.00	35.72 1.96 0.00	39.54 2.20 0.00	43.21 2.45 0.00	46.24 2.32 -0.13	47.38 2.59 -0.16	54.42 3.35 -0.36	63.66 4.03 -0.42	69.01 4.55 -1.27	62.28 4.36 -0.57	52.23 3.94 -0.26	48.71 3.31 0.00	41.70 2.76 0.00	36.39 2.12 0.00	33.76 2.06 0.00
HIGH FALLS___HY 23754	28.28 1.75 0.00	26.25 1.60 0.00	25.64 1.47 0.00	24.85 1.36 0.00	24.46 1.21 0.00	25.57 1.17 0.00	26.74 1.44 0.00	30.77 1.55 0.00	33.55 1.83 -0.08	36.09 2.06 -0.18	35.79 2.03 0.00	39.60 2.20 -0.06	43.34 2.57 0.00	46.60 2.80 -0.01	47.36 2.72 0.00	55.15 4.16 -0.28	64.61 5.03 -0.36	68.64 5.24 -0.21	61.80 4.42 -0.02	50.62 2.59 0.00	47.44 2.04 0.00	41.16 2.22 0.00	36.15 1.88 0.00	33.38 1.68 0.00
HILLBURN___GT 23639	28.18 1.65 0.00	26.17 1.53 0.00	25.54 1.38 0.00	24.77 1.29 0.00	24.41 1.16 0.00	25.64 1.24 0.00	26.74 1.44 0.00	30.92 1.69 0.00	33.80 1.99 -0.17	36.50 2.27 -0.39	35.95 2.19 0.00	39.86 2.39 -0.13	43.42 2.65 0.00	46.69 2.89 -0.02	47.41 2.77 0.00	55.37 4.06 -0.59	65.02 5.03 -0.77	68.95 5.31 -0.46	61.71 4.30 -0.04	50.52 2.50 0.00	47.21 1.82 0.00	40.81 1.87 0.00	36.01 1.75 0.00	33.19 1.49 0.00
HILLSIDE_115KV_TB1 80332	27.62 1.09 0.00	25.61 0.96 0.00	24.91 0.75 0.00	24.12 0.63 0.00	23.90 0.65 0.00	25.22 0.83 0.00	26.29 0.99 0.00	30.42 1.20 0.00	32.62 0.98 0.00	34.69 0.85 0.00	34.94 1.18 0.00	38.72 1.38 0.00	42.28 1.51 0.00	45.20 1.27 -0.14	46.28 1.47 -0.17	53.13 2.03 -0.39	62.16 2.49 -0.45	66.57 2.84 -0.55	60.58 2.75 -0.46	50.85 2.55 -0.29	47.44 2.04 0.00	40.69 1.75 0.00	35.53 1.27 0.00	32.94 1.24 0.00
HISHELDN_WT_PWR 323625	28.34 1.80 0.00	26.22 1.58 0.00	25.44 1.28 0.00	24.54 1.06 0.00	24.32 1.07 0.00	25.66 1.27 0.00	26.87 1.57 0.00	30.77 1.55 0.00	32.68 1.04 0.00	34.63 0.78 0.00	35.04 1.28 0.00	38.76 1.42 0.00	42.32 1.55 0.00	44.84 1.05 0.00	46.07 1.43 0.00	52.75 2.03 0.00	61.59 2.37 0.00	66.64 2.65 -0.81	59.91 2.41 -0.14	51.43 3.41 0.00	47.66 2.27 0.00	41.00 2.06 0.00	35.77 1.51 0.00	33.67 1.97 0.00
HOLTSVILLE_IC_1 23690	35.74 2.76 -6.45	34.63 2.69 -7.30	32.84 2.56 -6.12	29.34 2.40 -3.46	29.61 2.28 -4.08	31.30 2.39 -4.51	33.07 2.76 -5.01	33.84 3.07 -1.55	36.95 3.57 -1.73	38.86 3.92 -1.09	40.27 3.48 -3.04	41.66 3.58 -0.74	48.80 4.00 -4.03	48.50 4.16 -0.55	58.56 4.19 -9.73	75.75 5.37 -19.66	90.14 6.34 -24.59	112.07 6.57 -42.31	119.85 5.68 -56.81	110.16 3.60 -58.53	57.39 3.13 -8.86	44.54 2.84 -2.75	38.86 2.81 -1.79	34.66 2.91 -0.04
HOLTSVILLE_IC_10 23699	35.97 3.00 -6.45	34.85 2.91 -7.30	33.06 2.78 -6.12	29.53 2.58 -3.46	29.79 2.46 -4.08	31.52 2.61 -4.51	33.30 2.98 -5.01	34.10 3.33 -1.55	37.26 3.89 -1.73	39.23 4.30 -1.09	40.58 3.75 -3.08	41.96 3.85 -0.78	49.28 4.32 -4.20	48.89 4.55 -0.55	59.40 4.64 -10.12	77.59 5.98 -20.89	92.32 6.98 -26.12	117.80 7.26 -47.35	124.15 6.31 -60.48	114.52 4.18 -62.32	58.47 3.63 -9.44	46.01 3.27 -3.80	39.35 3.19 -1.90	35.01 3.27 -0.04
HOLTSVILLE_IC_2 23691	35.74 2.76 -6.45	34.63 2.69 -7.30	32.84 2.56 -6.12	29.34 2.40 -3.46	29.61 2.28 -4.08	31.30 2.39 -4.51	33.07 2.76 -5.01	33.84 3.07 -1.55	36.95 3.57 -1.73	38.86 3.92 -1.09	40.27 3.48 -3.04	41.66 3.58 -0.74	48.80 4.00 -4.03	48.50 4.16 -0.55	58.56 4.19 -9.73	75.75 5.37 -19.66	90.14 6.34 -24.59	112.07 6.57 -42.31	119.85 5.68 -56.81	110.16 3.60 -58.53	57.39 3.13 -8.86	44.54 2.84 -2.75	38.86 2.81 -1.79	34.66 2.91 -0.04
HOLTSVILLE_IC_3 23692	35.74 2.76 -6.45	34.63 2.69 -7.30	32.84 2.56 -6.12	29.34 2.40 -3.46	29.61 2.28 -4.08	31.30 2.39 -4.51	33.07 2.76 -5.01	33.84 3.07 -1.55	36.95 3.57 -1.73	38.86 3.92 -1.09	40.27 3.48 -3.04	41.66 3.58 -0.74	48.80 4.00 -4.03	48.50 4.16 -0.55	58.56 4.19 -9.73	75.75 5.37 -19.66	90.14 6.34 -24.59	112.07 6.57 -42.31	119.85 5.68 -56.81	110.16 3.60 -58.53	57.39 3.13 -8.86	44.54 2.84 -2.75	38.86 2.81 -1.79	34.66 2.91 -0.04

HOLTSVILLE_IC_4 23693	35.74 2.76 -6.45	34.63 2.69 -7.30	32.84 2.56 -6.12	29.34 2.40 -3.46	29.61 2.28 -4.08	31.30 2.39 -4.51	33.07 2.76 -5.01	33.84 3.07 -1.55	36.95 3.57 -1.73	38.86 3.92 -1.09	40.27 3.48 -3.04	41.66 3.58 -0.74	48.80 4.00 -4.03	48.50 4.16 -0.55	58.56 4.19 -9.73	75.75 5.37 -19.66	90.14 6.34 -24.59	112.07 6.57 -42.31	119.85 5.68 -56.81	110.16 3.60 -58.53	57.39 3.13 -8.86	44.54 2.84 -2.75	38.86 2.81 -1.79	34.66 2.91 -0.04
HOLTSVILLE_IC_5 23694	35.74 2.76 -6.45	34.63 2.69 -7.30	32.84 2.56 -6.12	29.34 2.40 -3.46	29.61 2.28 -4.08	31.30 2.39 -4.51	33.07 2.76 -5.01	33.84 3.07 -1.55	36.95 3.57 -1.73	38.86 3.92 -1.09	40.27 3.48 -3.04	41.66 3.58 -0.74	48.80 4.00 -4.03	48.50 4.16 -0.55	58.56 4.19 -9.73	75.75 5.37 -19.66	90.14 6.34 -24.59	112.07 6.57 -42.31	119.85 5.68 -56.81	110.16 3.60 -58.53	57.39 3.13 -8.86	44.54 2.84 -2.75	38.86 2.81 -1.79	34.66 2.91 -0.04
HOLTSVILLE_IC_6 23695	35.97 3.00 -6.45	34.85 2.91 -7.30	33.06 2.78 -6.12	29.53 2.58 -3.46	29.79 2.46 -4.08	31.52 2.61 -4.51	33.30 2.98 -5.01	34.10 3.33 -1.55	37.26 3.89 -1.73	39.23 4.30 -1.09	40.58 3.75 -3.08	41.96 3.85 -0.78	49.28 4.32 -4.20	48.89 4.55 -0.55	59.40 4.64 -10.12	77.59 5.98 -20.89	92.32 6.98 -26.12	117.80 7.26 -47.35	124.15 6.31 -60.48	114.52 4.18 -62.32	58.47 3.63 -9.44	46.01 3.27 -3.80	39.35 3.19 -1.90	35.01 3.27 -0.04
HOLTSVILLE_IC_7 23696	35.97 3.00 -6.45	34.85 2.91 -7.30	33.06 2.78 -6.12	29.53 2.58 -3.46	29.79 2.46 -4.08	31.52 2.61 -4.51	33.30 2.98 -5.01	34.10 3.33 -1.55	37.26 3.89 -1.73	39.23 4.30 -1.09	40.58 3.75 -3.08	41.96 3.85 -0.78	49.28 4.32 -4.20	48.89 4.55 -0.55	59.40 4.64 -10.12	77.59 5.98 -20.89	92.32 6.98 -26.12	117.80 7.26 -47.35	124.15 6.31 -60.48	114.52 4.18 -62.32	58.47 3.63 -9.44	46.01 3.27 -3.80	39.35 3.19 -1.90	35.01 3.27 -0.04
HOLTSVILLE_IC_8 23697	35.97 3.00 -6.45	34.85 2.91 -7.30	33.06 2.78 -6.12	29.53 2.58 -3.46	29.79 2.46 -4.08	31.52 2.61 -4.51	33.30 2.98 -5.01	34.10 3.33 -1.55	37.26 3.89 -1.73	39.23 4.30 -1.09	40.58 3.75 -3.08	41.96 3.85 -0.78	49.28 4.32 -4.20	48.89 4.55 -0.55	59.40 4.64 -10.12	77.59 5.98 -20.89	92.32 6.98 -26.12	117.80 7.26 -47.35	124.15 6.31 -60.48	114.52 4.18 -62.32	58.47 3.63 -9.44	46.01 3.27 -3.80	39.35 3.19 -1.90	35.01 3.27 -0.04
HOLTSVILLE_IC_9 23698	35.97 3.00 -6.45	34.85 2.91 -7.30	33.06 2.78 -6.12	29.53 2.58 -3.46	29.79 2.46 -4.08	31.52 2.61 -4.51	33.30 2.98 -5.01	34.10 3.33 -1.55	37.26 3.89 -1.73	39.23 4.30 -1.09	40.58 3.75 -3.08	41.96 3.85 -0.78	49.28 4.32 -4.20	48.89 4.55 -0.55	59.40 4.64 -10.12	77.59 5.98 -20.89	92.32 6.98 -26.12	117.80 7.26 -47.35	124.15 6.31 -60.48	114.52 4.18 -62.32	58.47 3.63 -9.44	46.01 3.27 -3.80	39.35 3.19 -1.90	35.01 3.27 -0.04
HOMER_HL_115KV_TB2 355744	28.28 1.75 0.00	26.22 1.58 0.00	25.35 1.18 0.00	24.47 0.99 0.00	24.28 1.02 0.00	25.69 1.29 0.00	26.90 1.59 0.00	31.00 1.78 0.00	33.06 1.42 0.00	35.06 1.22 0.00	35.41 1.65 0.00	38.83 1.49 0.00	42.48 1.71 0.00	44.14 0.35 0.00	45.40 0.76 0.00	51.78 1.07 0.00	60.64 1.42 0.00	65.62 1.64 -0.80	59.05 1.55 -0.14	49.94 1.92 0.00	47.62 2.22 0.00	41.00 2.06 0.00	36.08 1.82 0.00	33.67 1.97 0.00
HOWARD_WT_PWR 323690	28.63 2.10 0.00	26.47 1.82 0.00	25.73 1.57 0.00	24.85 1.36 0.00	24.67 1.42 0.00	26.06 1.66 0.00	27.25 1.95 0.00	31.41 2.19 0.00	33.47 1.83 0.00	35.44 1.59 0.00	35.92 2.16 0.00	39.69 2.35 0.00	43.34 2.57 0.00	46.02 2.23 0.00	47.09 2.45 0.00	54.06 3.35 0.00	63.19 3.97 0.00	68.54 4.55 -0.81	61.92 4.42 -0.14	52.73 4.71 0.00	49.07 3.68 0.00	42.06 3.12 0.00	36.66 2.40 0.00	34.24 2.54 0.00
HQ_GEN_CEDARS 23644	25.68 -0.85 0.00	23.88 -0.76 0.00	23.44 -0.72 0.00	22.80 -0.68 0.00	22.69 -0.56 0.00	23.79 -0.61 0.00	24.57 -0.73 0.00	28.40 -0.82 0.00	30.88 -0.76 0.00	33.14 -0.71 0.00	33.05 -0.71 0.00	36.59 -0.75 0.00	39.87 -0.90 0.00	42.87 -0.92 0.00	43.52 -1.12 0.00	48.38 -2.33 0.00	55.96 -3.26 0.00	50.86 -4.30 8.03	52.33 -3.61 1.42	46.53 -1.49 0.00	44.62 -0.77 0.00	38.12 -0.82 0.00	33.41 -0.86 0.00	30.81 -0.89 0.00
HQ_GEN_CEDARS_PROXY 323590	25.68 -0.85 0.00	23.88 -0.76 0.00	23.44 -0.72 0.00	22.80 -0.68 0.00	22.69 -0.56 0.00	23.79 -0.61 0.00	24.57 -0.73 0.00	28.40 -0.82 0.00	30.88 -0.76 0.00	33.10 -0.74 0.00	33.05 -0.71 0.00	36.59 -0.75 0.00	39.87 -0.90 0.00	42.87 -0.92 0.00	43.83 -1.11 -0.31	46.92 -2.33 1.46	46.92 -3.26 9.04	50.80 -4.36 8.03	52.33 -3.61 1.42	46.44 -1.58 0.00	44.53 -0.86 0.00	38.12 -0.82 0.00	33.41 -0.86 0.00	30.81 -0.89 0.00
HQ_GEN_IMPORT 323601	25.97 -0.56 0.00	24.15 -0.49 0.00	23.68 -0.48 0.00	23.04 -0.45 0.00	22.83 -0.42 0.00	23.96 -0.44 0.00	24.82 -0.48 0.00	28.67 -0.56 0.00	31.10 -0.54 0.00	33.30 -0.54 0.00	33.22 -0.54 0.00	36.74 -0.60 0.00	40.07 -0.69 0.00	43.04 -0.74 0.00	45.35 -0.80 -1.52	47.68 -1.52 1.52	57.20 -2.01 0.00	58.79 -2.15 2.24	55.07 -1.89 0.40	45.96 -1.34 0.72	45.34 -0.77 -0.72	38.28 -0.66 0.00	33.65 -0.62 0.00	31.10 -0.60 0.00
HQ_GEN_WHEEL 23651	25.97 -0.56 0.00	24.15 -0.49 0.00	23.68 -0.48 0.00	23.04 -0.45 0.00	22.83 -0.42 0.00	23.96 -0.44 0.00	24.82 -0.48 0.00	28.67 -0.56 0.00	31.10 -0.54 0.00	33.30 -0.54 0.00	33.22 -0.54 0.00	36.74 -0.60 0.00	40.07 -0.69 0.00	43.04 -0.74 0.00	45.35 -0.80 -1.52	47.68 -1.52 1.52	57.20 -2.01 0.00	58.79 -2.15 2.24	55.07 -1.89 0.40	45.96 -1.34 0.72	45.34 -0.77 -0.72	38.28 -0.66 0.00	33.65 -0.62 0.00	31.10 -0.60 0.00
HUDSON_AVE_GT_3 23810	28.60 2.07 0.00	26.57 1.92 0.00	25.95 1.79 0.00	25.10 1.62 0.00	24.74 1.49 0.00	25.98 1.59 0.00	27.23 1.92 0.00	31.53 2.31 0.00	34.52 2.69 -0.20	37.33 3.05 -0.44	36.49 2.73 0.00	40.47 2.99 -0.15	44.07 3.30 0.00	47.35 3.55 -0.02	48.16 3.53 0.00	56.56 5.17 -0.67	66.38 6.28 -0.88	70.34 6.63 -0.52	62.68 5.28 -0.05	51.10 3.07 0.00	47.62 2.22 0.00	41.35 2.41 0.00	36.56 2.30 0.00	33.76 2.06 0.00
HUDSON_AVE_GT_4 23540	28.60 2.07 0.00	26.57 1.92 0.00	25.95 1.79 0.00	25.10 1.62 0.00	24.74 1.49 0.00	25.98 1.59 0.00	27.23 1.92 0.00	31.53 2.31 0.00	34.52 2.69 -0.20	37.33 3.05 -0.44	36.49 2.73 0.00	40.47 2.99 -0.15	44.07 3.30 0.00	47.35 3.55 -0.02	48.16 3.53 0.00	56.56 5.17 -0.67	66.38 6.28 -0.88	70.34 6.63 -0.52	62.68 5.28 -0.05	51.10 3.07 0.00	47.62 2.22 0.00	41.35 2.41 0.00	36.56 2.30 0.00	33.76 2.06 0.00
HUDSON_AVE_GT_5 23657	28.60 2.07 0.00	26.57 1.92 0.00	25.95 1.79 0.00	25.10 1.62 0.00	24.74 1.49 0.00	25.98 1.59 0.00	27.23 1.92 0.00	31.53 2.31 0.00	34.52 2.69 -0.20	37.33 3.05 -0.44	36.49 2.73 0.00	40.47 2.99 -0.15	44.07 3.30 0.00	47.35 3.55 -0.02	48.16 3.53 0.00	56.56 5.17 -0.67	66.38 6.28 -0.88	70.34 6.63 -0.52	62.68 5.28 -0.05	51.10 3.07 0.00	47.62 2.22 0.00	41.35 2.41 0.00	36.56 2.30 0.00	33.76 2.06 0.00

HUDSON_AVE_10 24168	28.55 2.02 0.00	26.49 1.85 0.00	25.88 1.72 0.00	25.03 1.55 0.00	24.67 1.42 0.00	25.91 1.51 0.00	27.15 1.85 0.00	31.47 2.25 0.00	34.49 2.66 -0.20	37.26 2.98 -0.44	36.39 2.63 0.00	40.36 2.88 -0.15	43.91 3.14 0.00	47.18 3.37 -0.02	48.03 3.39 0.00	56.41 5.02 -0.67	66.20 6.10 -0.88	70.15 6.44 -0.52	62.51 5.11 -0.05	50.90 2.88 0.00	47.48 2.09 0.00	41.24 2.30 0.00	36.46 2.19 0.00	33.67 1.97 0.00
HUDSON___115KV_TB 4 355613	27.64 1.11 0.00	25.66 1.01 0.00	25.18 1.01 0.00	24.49 1.01 0.00	24.16 0.91 0.00	25.35 0.95 0.00	26.26 0.96 0.00	30.19 0.96 0.00	32.81 1.33 0.15	34.86 1.35 0.34	34.91 1.15 0.00	38.61 1.38 0.11	41.91 1.14 0.00	45.04 1.27 0.01	45.98 1.34 0.00	52.48 2.28 0.52	61.73 3.20 0.68	66.13 3.35 0.40	60.25 2.93 0.04	50.04 2.02 0.00	46.80 1.41 0.00	40.26 1.32 0.00	35.77 1.51 0.00	32.97 1.27 0.00
HUNTER MOUNT___DRP 323613	27.72 1.19 0.00	25.73 1.08 0.00	25.25 1.09 0.00	24.56 1.08 0.00	24.18 0.93 0.00	25.37 0.98 0.00	26.29 0.99 0.00	30.10 0.88 0.00	32.90 1.36 0.10	35.00 1.39 0.23	34.77 1.01 0.00	38.61 1.34 0.08	41.62 0.86 0.00	44.83 1.05 0.01	45.80 1.16 0.00	52.60 2.23 0.35	61.95 3.20 0.46	66.13 3.22 0.27	60.26 2.93 0.02	49.94 1.92 0.00	46.76 1.36 0.00	40.26 1.32 0.00	35.91 1.64 0.00	33.06 1.36 0.00
HUNTINGTON_RES_REC 323705	35.87 2.89 -6.45	34.68 2.74 -7.30	32.87 2.59 -6.12	29.36 2.42 -3.46	29.63 2.30 -4.08	31.32 2.42 -4.51	33.07 2.76 -5.01	33.96 3.19 -1.55	37.04 3.67 -1.74	38.89 3.96 -1.09	39.47 3.27 -2.44	42.38 3.40 -1.65	52.51 3.83 -7.91	48.39 4.03 -0.57	67.73 4.19 -18.90	104.59 5.43 -48.44	126.14 6.40 -60.52	197.82 6.63 -128.01	205.84 5.62 -142.85	198.83 3.55 -147.26	70.70 3.00 -22.31	56.89 2.72 -15.22	36.96 2.67 -0.02	34.56 2.82 -0.04
HUNTLEY___63 23557	28.47 1.94 0.00	26.32 1.68 0.00	25.52 1.35 0.00	24.59 1.10 0.00	24.35 1.09 0.00	25.69 1.29 0.00	26.85 1.54 0.00	30.71 1.49 0.00	32.49 0.85 0.00	34.56 0.71 0.00	34.87 1.11 0.00	38.68 1.34 0.00	42.32 1.55 0.00	44.71 0.92 0.00	46.02 1.38 0.00	52.44 1.72 0.00	61.29 2.07 0.00	66.40 2.40 -0.82	59.57 2.06 -0.15	50.95 2.93 0.00	47.39 2.00 0.00	40.85 1.91 0.00	35.70 1.44 0.00	33.70 2.00 0.00
HUNTLEY___64 23558	28.47 1.94 0.00	26.32 1.68 0.00	25.52 1.35 0.00	24.59 1.10 0.00	24.35 1.09 0.00	25.69 1.29 0.00	26.85 1.54 0.00	30.71 1.49 0.00	32.49 0.85 0.00	34.56 0.71 0.00	34.87 1.11 0.00	38.68 1.34 0.00	42.32 1.55 0.00	44.71 0.92 0.00	46.02 1.38 0.00	52.44 1.72 0.00	61.29 2.07 0.00	66.40 2.40 -0.82	59.57 2.06 -0.15	50.95 2.93 0.00	47.39 2.00 0.00	40.85 1.91 0.00	35.70 1.44 0.00	33.70 2.00 0.00
HUNTLEY___65 23559	28.47 1.94 0.00	26.32 1.68 0.00	25.52 1.35 0.00	24.59 1.10 0.00	24.35 1.09 0.00	25.69 1.29 0.00	26.85 1.54 0.00	30.71 1.49 0.00	32.49 0.85 0.00	34.56 0.71 0.00	34.87 1.11 0.00	38.68 1.34 0.00	42.32 1.55 0.00	44.71 0.92 0.00	46.02 1.38 0.00	52.44 1.72 0.00	61.29 2.07 0.00	66.40 2.40 -0.82	59.57 2.06 -0.15	50.95 2.93 0.00	47.39 2.00 0.00	40.85 1.91 0.00	35.70 1.44 0.00	33.70 2.00 0.00
HUNTLEY___66 23560	28.47 1.94 0.00	26.32 1.68 0.00	25.52 1.35 0.00	24.59 1.10 0.00	24.35 1.09 0.00	25.69 1.29 0.00	26.85 1.54 0.00	30.71 1.49 0.00	32.49 0.85 0.00	34.56 0.71 0.00	34.87 1.11 0.00	38.68 1.34 0.00	42.32 1.55 0.00	44.71 0.92 0.00	46.02 1.38 0.00	52.44 1.72 0.00	61.29 2.07 0.00	66.40 2.40 -0.82	59.57 2.06 -0.15	50.95 2.93 0.00	47.39 2.00 0.00	40.85 1.91 0.00	35.70 1.44 0.00	33.70 2.00 0.00
HUNTLEY___67 23561	28.20 1.67 0.00	26.10 1.45 0.00	25.30 1.14 0.00	24.38 0.89 0.00	24.16 0.91 0.00	25.47 1.07 0.00	26.62 1.32 0.00	30.48 1.26 0.00	32.30 0.66 0.00	34.39 0.54 0.00	34.67 0.91 0.00	38.42 1.08 0.00	41.99 1.22 0.00	44.53 0.74 0.00	45.80 1.16 0.00	52.24 1.52 0.00	61.11 1.89 0.00	66.21 2.21 -0.82	59.40 1.89 -0.14	50.71 2.69 0.00	47.21 1.82 0.00	40.58 1.64 0.00	35.50 1.23 0.00	33.44 1.74 0.00
HUNTLEY___68 23562	28.20 1.67 0.00	26.10 1.45 0.00	25.30 1.14 0.00	24.38 0.89 0.00	24.16 0.91 0.00	25.47 1.07 0.00	26.62 1.32 0.00	30.48 1.26 0.00	32.30 0.66 0.00	34.39 0.54 0.00	34.67 0.91 0.00	38.42 1.08 0.00	41.99 1.22 0.00	44.53 0.74 0.00	45.80 1.16 0.00	52.24 1.52 0.00	61.11 1.89 0.00	66.21 2.21 -0.82	59.40 1.89 -0.14	50.71 2.69 0.00	47.21 1.82 0.00	40.58 1.64 0.00	35.50 1.23 0.00	33.44 1.74 0.00
HYLAND___LFGE 323620	29.34 2.81 0.00	27.09 2.44 0.00	26.29 2.13 0.00	25.41 1.93 0.00	25.25 2.00 0.00	26.64 2.24 0.00	27.78 2.48 0.00	31.88 2.66 0.00	33.57 1.93 0.00	35.00 1.15 0.00	35.07 1.32 0.00	38.76 1.42 0.00	40.61 -0.16 0.00	43.04 -0.74 0.00	44.77 0.13 0.00	51.53 0.81 0.00	60.64 1.42 0.00	66.47 2.46 -0.82	61.01 3.50 -0.15	53.26 5.24 0.00	49.66 4.27 0.00	42.45 3.51 0.00	37.83 3.56 0.00	35.34 3.64 0.00
INDECK___CORINTH 23802	27.67 1.14 0.00	25.70 1.06 0.00	25.20 1.04 0.00	24.52 1.03 0.00	24.23 0.98 0.00	25.59 1.20 0.00	26.47 1.16 0.00	30.54 1.32 0.00	33.08 1.68 0.23	35.02 1.69 0.51	35.04 1.28 0.00	38.51 1.34 0.17	42.32 1.55 0.00	45.47 1.71 0.02	46.51 1.87 0.00	52.41 2.48 0.79	62.09 3.91 1.03	66.81 4.23 0.61	61.61 4.30 0.05	51.29 3.27 0.00	47.84 2.45 0.00	40.96 2.02 0.00	36.08 1.81 0.00	33.09 1.39 0.00
INDECK___ILION 23567	26.74 0.21 0.00	24.82 0.17 0.00	24.36 0.19 0.00	23.67 0.19 0.00	23.46 0.21 0.00	24.62 0.22 0.00	25.53 0.23 0.00	29.48 0.26 0.00	31.95 0.32 0.00	34.15 0.30 0.00	34.13 0.37 0.00	37.75 0.41 0.00	41.26 0.49 0.00	44.27 0.48 0.00	44.90 0.27 0.00	51.22 0.51 0.00	59.81 0.59 0.00	65.27 0.63 -1.45	58.36 0.75 -0.26	48.55 0.53 0.00	45.89 0.50 0.00	39.29 0.35 0.00	34.57 0.31 0.00	31.95 0.25 0.00
INDECK___OLEAN 23982	28.28 1.75 0.00	26.22 1.58 0.00	25.35 1.18 0.00	24.47 0.99 0.00	24.25 1.00 0.00	25.69 1.29 0.00	26.97 1.67 0.00	31.00 1.78 0.00	33.06 1.42 0.00	34.93 1.08 0.00	35.38 1.62 0.00	38.76 1.42 0.00	42.40 1.63 0.00	44.01 0.22 0.00	45.26 0.62 0.00	51.78 1.07 0.00	60.58 1.36 0.00	65.56 1.58 -0.80	58.94 1.43 -0.14	50.28 2.26 0.00	47.53 2.13 0.00	41.04 2.10 0.00	36.01 1.75 0.00	33.70 2.00 0.00
INDECK___OSWEGO 23783	26.27 -0.27 0.00	24.37 -0.27 0.00	23.85 -0.31 0.00	23.13 -0.35 0.00	22.93 -0.33 0.00	24.08 -0.32 0.00	25.02 -0.28 0.00	28.90 -0.32 0.00	30.91 -0.73 0.00	32.97 -0.88 0.00	33.02 -0.74 0.00	36.55 -0.79 0.00	39.91 -0.86 0.00	44.53 -0.88 -1.61	45.77 -0.80 -1.93	54.46 -0.66 -4.41	63.54 -0.77 -5.10	70.96 -0.69 -8.47	62.55 -0.46 -5.65	51.03 -0.24 -3.24	44.85 -0.54 0.00	38.36 -0.58 0.00	33.65 -0.62 0.00	31.29 -0.41 0.00



INDECK___YERKES 23781	28.49 1.96 0.00	26.34 1.70 0.00	25.61 1.45 0.00	24.61 1.13 0.00	24.39 1.14 0.00	25.71 1.32 0.00	26.95 1.64 0.00	30.74 1.52 0.00	32.56 0.92 0.00	34.42 0.57 0.00	34.87 1.11 0.00	38.50 1.16 0.00	42.11 1.34 0.00	44.45 0.66 0.00	45.71 1.07 0.00	52.29 1.57 0.00	60.99 1.77 0.00	66.02 2.02 -0.82	59.17 1.66 -0.15	51.10 3.08 0.00	47.12 1.72 0.00	40.77 1.83 0.00	35.53 1.27 0.00	33.73 2.03 0.00
INDIAN POINT_GT_1 24139	28.31 1.78 0.00	26.30 1.65 0.00	25.71 1.55 0.00	24.89 1.41 0.00	24.55 1.30 0.00	25.76 1.37 0.00	26.90 1.59 0.00	31.12 1.90 0.00	34.04 2.21 -0.19	36.75 2.47 -0.43	36.06 2.30 0.00	39.95 2.46 -0.14	43.54 2.77 0.00	46.78 2.98 -0.02	47.67 3.04 0.00	55.79 4.41 -0.66	65.53 5.45 -0.86	69.38 5.69 -0.51	61.99 4.59 -0.05	50.76 2.74 0.00	47.35 1.95 0.00	41.04 2.10 0.00	36.18 1.92 0.00	33.41 1.71 0.00
INDIAN POINT_GT_2 23659	28.31 1.78 0.00	26.30 1.65 0.00	25.71 1.55 0.00	24.89 1.41 0.00	24.55 1.30 0.00	25.76 1.37 0.00	26.90 1.59 0.00	31.12 1.90 0.00	34.04 2.21 -0.19	36.75 2.47 -0.43	36.06 2.30 0.00	39.95 2.46 -0.14	43.54 2.77 0.00	46.78 2.98 -0.02	47.67 3.04 0.00	55.79 4.41 -0.66	65.53 5.45 -0.86	69.38 5.69 -0.51	61.99 4.59 -0.05	50.76 2.74 0.00	47.35 1.95 0.00	41.04 2.10 0.00	36.18 1.92 0.00	33.41 1.71 0.00
INDIAN POINT_GT_3 24019	28.31 1.78 0.00	26.30 1.65 0.00	25.71 1.55 0.00	24.89 1.41 0.00	24.55 1.30 0.00	25.76 1.37 0.00	26.90 1.59 0.00	31.12 1.90 0.00	34.04 2.21 -0.19	36.75 2.47 -0.43	36.06 2.30 0.00	39.95 2.46 -0.14	43.54 2.77 0.00	46.78 2.98 -0.02	47.67 3.04 0.00	55.79 4.41 -0.66	65.53 5.45 -0.86	69.38 5.69 -0.51	61.99 4.59 -0.05	50.76 2.74 0.00	47.35 1.95 0.00	41.04 2.10 0.00	36.18 1.92 0.00	33.41 1.71 0.00
INDIAN POINT___2 23530	28.25 1.72 0.00	26.25 1.60 0.00	25.64 1.47 0.00	24.87 1.39 0.00	24.51 1.25 0.00	25.71 1.32 0.00	26.85 1.54 0.00	31.06 1.84 0.00	33.94 2.12 -0.18	36.70 2.44 -0.41	35.99 2.23 0.00	39.90 2.43 -0.14	43.46 2.69 0.00	46.69 2.89 -0.02	47.58 2.95 0.00	55.61 4.26 -0.63	65.32 5.27 -0.83	69.23 5.56 -0.49	61.88 4.48 -0.04	50.66 2.64 0.00	47.39 2.00 0.00	40.96 2.02 0.00	36.15 1.88 0.00	33.32 1.62 0.00
INDIAN POINT___3 23531	28.25 1.72 0.00	26.25 1.60 0.00	25.66 1.50 0.00	24.87 1.39 0.00	24.53 1.28 0.00	25.71 1.32 0.00	26.87 1.57 0.00	31.03 1.81 0.00	33.95 2.12 -0.19	36.65 2.37 -0.43	35.95 2.19 0.00	39.83 2.35 -0.14	43.42 2.65 0.00	46.65 2.85 -0.02	47.49 2.86 0.00	55.59 4.21 -0.66	65.29 5.21 -0.86	69.13 5.43 -0.51	61.77 4.36 -0.05	50.62 2.59 0.00	47.21 1.82 0.00	40.93 1.99 0.00	36.12 1.85 0.00	33.32 1.62 0.00
INGHAM_C_115KV_TB7 356103	26.66 0.13 0.00	24.77 0.12 0.00	24.31 0.14 0.00	23.62 0.14 0.00	23.42 0.16 0.00	24.57 0.17 0.00	25.50 0.20 0.00	29.43 0.20 0.00	31.89 0.25 0.00	34.05 0.20 0.00	34.13 0.37 0.00	37.75 0.41 0.00	41.22 0.45 0.00	44.27 0.48 0.00	44.68 0.04 0.00	50.97 0.25 0.00	59.51 0.30 0.00	64.95 0.32 -1.45	58.13 0.52 -0.26	48.36 0.34 0.00	45.85 0.45 0.00	39.21 0.27 0.00	34.50 0.24 0.00	31.89 0.19 0.00
IP CORINTH___1 23988	27.83 1.30 0.00	25.85 1.21 0.00	25.35 1.18 0.00	24.66 1.17 0.00	24.37 1.12 0.00	25.71 1.32 0.00	26.62 1.32 0.00	30.71 1.49 0.00	33.24 1.83 0.23	35.19 1.86 0.51	35.25 1.49 0.00	38.70 1.53 0.17	42.56 1.79 0.00	45.74 1.97 0.02	46.74 2.10 0.00	52.72 2.79 0.79	62.39 4.20 1.03	67.12 4.55 0.61	61.89 4.59 0.05	51.53 3.51 0.00	48.03 2.63 0.00	41.20 2.26 0.00	36.25 1.99 0.00	33.28 1.58 0.00
IP___TICONDEROGA 23804	29.32 2.79 0.00	27.16 2.51 0.00	26.58 2.42 0.00	25.83 2.35 0.00	25.55 2.30 0.00	27.15 2.76 0.00	28.09 2.78 0.00	32.49 3.27 0.00	35.30 3.89 0.23	37.18 3.86 0.52	37.44 3.68 0.00	41.16 4.00 0.17	45.42 4.65 0.00	48.89 5.12 0.02	50.04 5.40 0.00	56.25 6.34 0.80	67.28 9.12 1.05	72.42 9.86 0.62	66.83 9.52 0.06	55.71 7.68 0.00	51.52 6.13 0.00	43.96 5.02 0.00	38.51 4.25 0.00	35.25 3.55 0.00
ISLIP_RES_REC 323679	36.16 3.18 -6.45	35.03 3.08 -7.30	33.21 2.92 -6.12	29.69 2.75 -3.46	29.94 2.60 -4.08	31.68 2.78 -4.51	33.48 3.16 -5.01	34.33 3.56 -1.55	37.52 4.14 -1.73	39.54 4.60 -1.09	41.04 4.12 -3.16	42.35 4.29 -0.72	49.53 4.81 -3.95	49.41 5.08 -0.55	59.36 5.18 -9.55	76.39 6.59 -19.08	90.78 7.69 -23.87	114.29 8.03 -43.08	119.44 7.00 -55.09	109.49 4.71 -56.76	58.12 4.13 -8.60	46.02 3.66 -3.43	39.92 3.50 -2.16	35.26 3.52 -0.04
JAMAICA___27_KV_LOAD 355505	28.76 2.23 0.00	26.69 2.05 0.00	26.02 1.86 0.00	25.20 1.71 0.00	24.81 1.56 0.00	26.08 1.68 0.00	27.38 2.07 0.00	31.79 2.57 0.00	34.84 3.01 -0.20	37.70 3.42 -0.44	36.63 2.87 0.00	40.62 3.14 -0.15	44.23 3.47 0.00	47.53 3.72 -0.02	48.34 3.70 0.00	56.82 5.43 -0.67	66.79 6.69 -0.88	70.78 7.08 -0.52	63.09 5.68 -0.05	51.24 3.22 0.00	47.85 2.45 0.00	41.51 2.57 0.00	36.80 2.54 0.00	33.92 2.22 0.00
JANIS___SOLAR 323808	28.28 1.75 0.00	26.17 1.53 0.00	25.59 1.43 0.00	24.85 1.36 0.00	24.69 1.44 0.00	26.01 1.61 0.00	27.07 1.77 0.00	31.21 1.99 0.00	33.47 1.83 0.00	35.54 1.69 0.00	35.72 1.96 0.00	39.47 2.13 0.00	43.09 2.32 0.00	46.62 2.54 -0.29	47.48 2.50 -0.35	54.96 3.45 -0.80	64.52 4.38 -0.92	70.35 5.18 -1.99	64.32 5.85 -1.10	54.08 5.47 -0.59	50.30 4.90 0.00	42.56 3.62 0.00	37.01 2.74 0.00	34.14 2.44 0.00
JARVIS____ 23743	26.69 0.16 0.00	24.79 0.15 0.00	24.31 0.15 0.00	23.65 0.17 0.00	23.42 0.16 0.00	24.57 0.17 0.00	25.48 0.18 0.00	29.43 0.21 0.00	31.89 0.25 0.00	34.08 0.24 0.00	34.03 0.27 0.00	37.64 0.30 0.00	41.09 0.32 0.00	44.10 0.31 0.00	44.91 0.27 0.00	51.17 0.46 0.00	59.81 0.59 0.00	65.27 0.63 -1.45	58.25 0.63 -0.26	48.40 0.38 0.00	45.76 0.36 0.00	39.17 0.24 0.00	34.51 0.24 0.00	31.89 0.19 0.00
JENNISON___1 23625	28.44 1.91 0.00	26.35 1.70 0.00	25.78 1.62 0.00	25.03 1.55 0.00	24.88 1.63 0.00	26.15 1.76 0.00	27.23 1.92 0.00	31.38 2.16 0.00	33.85 2.21 0.00	36.38 2.54 0.00	36.60 2.84 0.00	40.59 3.25 0.00	44.31 3.55 0.00	47.79 3.77 -0.24	48.67 3.75 -0.29	56.24 4.87 -0.65	66.19 6.22 -0.75	70.99 6.89 -0.92	65.59 7.46 -0.78	55.03 6.53 -0.48	51.48 6.08 0.00	43.38 4.44 0.00	37.69 3.43 0.00	34.65 2.95 0.00
JENNISON___2 23626	28.44 1.91 0.00	26.35 1.70 0.00	25.78 1.62 0.00	25.03 1.55 0.00	24.88 1.63 0.00	26.15 1.76 0.00	27.23 1.92 0.00	31.38 2.16 0.00	33.85 2.21 0.00	36.38 2.54 0.00	36.60 2.84 0.00	40.59 3.25 0.00	44.31 3.55 0.00	47.79 3.77 -0.24	48.67 3.75 -0.29	56.24 4.87 -0.65	66.19 6.22 -0.75	70.99 6.89 -0.92	65.59 7.46 -0.78	55.03 6.53 -0.48	51.48 6.08 0.00	43.38 4.44 0.00	37.69 3.43 0.00	34.65 2.95 0.00

JERICO_RISE_WT_PWR 323719	25.52 -1.01 0.00	23.76 -0.89 0.00	23.34 -0.82 0.00	22.76 -0.73 0.00	22.72 -0.53 0.00	23.91 -0.49 0.00	24.82 -0.48 0.00	28.84 -0.38 0.00	31.45 -0.19 0.00	33.71 -0.13 0.00	33.56 -0.20 0.00	37.15 -0.19 0.00	40.40 -0.37 0.00	43.48 -0.30 0.00	44.33 -0.31 0.00	49.45 -1.27 0.00	57.14 -2.07 0.00	54.48 -2.08 6.62	54.81 -1.38 1.17	47.50 -0.53 0.00	45.39 0.00 0.00	38.78 -0.16 0.00	33.89 -0.38 0.00	31.19 -0.51 0.00
KATONAH__115KV_46KV_TB4 355592	28.55 2.02 0.00	26.54 1.90 0.00	25.95 1.79 0.00	25.06 1.57 0.00	24.69 1.44 0.00	25.91 1.51 0.00	27.00 1.70 0.00	31.44 2.22 0.00	34.46 2.63 -0.19	37.19 2.91 -0.44	36.60 2.84 0.00	40.51 3.02 -0.14	44.15 3.38 0.00	47.44 3.63 -0.02	48.39 3.75 0.00	56.66 5.27 -0.67	66.55 6.45 -0.87	70.46 6.76 -0.52	63.03 5.62 -0.05	51.62 3.60 0.00	47.94 2.54 0.00	41.59 2.65 0.00	36.60 2.33 0.00	33.76 2.06 0.00
KCE_NY_1 323755	28.07 1.54 0.00	26.07 1.43 0.00	25.56 1.40 0.00	24.87 1.39 0.00	24.58 1.32 0.00	25.86 1.46 0.00	26.77 1.47 0.00	30.89 1.66 0.00	33.33 1.93 0.24	35.37 2.06 0.54	35.62 1.86 0.00	39.17 2.01 0.18	43.05 2.28 0.00	46.22 2.45 0.02	47.23 2.59 0.00	53.29 3.40 0.83	62.81 4.68 1.08	67.60 5.06 0.64	61.89 4.59 0.06	51.53 3.50 0.00	48.16 2.77 0.00	41.28 2.34 0.00	36.43 2.16 0.00	33.51 1.81 0.00
KCE_NY_6_ESR 323823	28.57 2.04 0.00	26.44 1.80 0.00	25.61 1.45 0.00	24.70 1.22 0.00	24.48 1.23 0.00	25.83 1.44 0.00	27.07 1.77 0.00	30.95 1.72 0.00	32.87 1.23 0.00	34.76 0.91 0.00	35.24 1.48 0.00	38.98 1.64 0.00	42.68 1.92 0.00	45.01 1.22 0.00	46.29 1.65 0.00	53.00 2.28 0.00	61.88 2.67 0.00	66.97 2.97 -0.81	60.09 2.58 -0.14	51.72 3.70 0.00	47.93 2.54 0.00	41.28 2.34 0.00	35.98 1.71 0.00	33.95 2.25 0.00
KEDC_PORT_JEFF_GT2 24210	35.89 2.92 -6.45	34.78 2.83 -7.30	32.99 2.71 -6.12	29.46 2.51 -3.46	29.73 2.40 -4.08	31.42 2.51 -4.51	33.20 2.88 -5.01	33.98 3.21 -1.55	37.14 3.76 -1.73	39.06 4.13 -1.09	40.37 3.61 -2.99	41.85 3.66 -0.86	49.17 3.87 -4.53	48.41 4.07 -0.55	59.60 4.06 -10.91	79.33 5.27 -23.34	94.56 6.16 -29.18	123.53 6.38 -53.97	130.57 5.39 -67.82	121.37 3.46 -69.88	58.93 2.95 -10.59	46.35 2.81 -4.60	38.87 2.95 -1.66	34.82 3.07 -0.04
KEDC_PORT_JEFF_GT3 24211	35.89 2.92 -6.45	34.78 2.83 -7.30	32.99 2.71 -6.12	29.46 2.51 -3.46	29.73 2.40 -4.08	31.42 2.51 -4.51	33.20 2.88 -5.01	33.98 3.21 -1.55	37.14 3.76 -1.73	39.06 4.13 -1.09	40.37 3.61 -2.99	41.85 3.66 -0.86	49.17 3.87 -4.53	48.41 4.07 -0.55	59.60 4.06 -10.91	79.33 5.27 -23.34	94.56 6.16 -29.18	123.53 6.38 -53.97	130.57 5.39 -67.82	121.37 3.46 -69.88	58.93 2.95 -10.59	46.35 2.81 -4.60	38.87 2.95 -1.66	34.82 3.07 -0.04
KEDC_GLWD_GT4 24219	35.34 2.36 -6.45	34.14 2.19 -7.30	32.34 2.05 -6.12	28.87 1.93 -3.46	29.15 1.81 -4.08	30.81 1.90 -4.51	32.49 2.18 -5.01	33.37 2.60 -1.55	36.34 2.97 -1.73	38.32 3.38 -1.09	39.10 2.90 -2.44	40.62 3.14 -0.15	45.75 3.51 -1.48	48.05 3.72 -0.54	52.17 3.84 -3.69	56.57 5.18 -0.68	66.32 6.22 -0.88	70.15 6.45 -0.52	62.74 5.34 -0.05	51.29 3.27 0.00	48.07 2.68 0.00	41.47 2.53 0.00	36.87 2.60 0.00	34.15 2.41 -0.04
KEDC_GLWD_GT5 24220	35.34 2.36 -6.45	34.14 2.19 -7.30	32.34 2.05 -6.12	28.87 1.93 -3.46	29.15 1.81 -4.08	30.81 1.90 -4.51	32.49 2.18 -5.01	33.37 2.60 -1.55	36.34 2.97 -1.73	38.32 3.38 -1.09	39.10 2.90 -2.44	40.62 3.14 -0.15	45.75 3.51 -1.48	48.05 3.72 -0.54	52.17 3.84 -3.69	56.57 5.18 -0.68	66.32 6.22 -0.88	70.15 6.45 -0.52	62.74 5.34 -0.05	51.29 3.27 0.00	48.07 2.68 0.00	41.47 2.53 0.00	36.87 2.60 0.00	34.15 2.41 -0.04
KENSICO____ 23655	28.39 1.86 0.00	26.37 1.73 0.00	25.78 1.62 0.00	24.99 1.50 0.00	24.62 1.37 0.00	25.86 1.46 0.00	27.00 1.70 0.00	31.24 2.02 0.00	34.17 2.34 -0.20	36.92 2.64 -0.44	36.19 2.43 0.00	40.13 2.65 -0.15	43.70 2.94 0.00	46.96 3.15 -0.02	47.81 3.17 0.00	56.00 4.62 -0.67	65.72 5.63 -0.88	69.64 5.94 -0.52	62.17 4.76 -0.05	50.90 2.88 0.00	47.48 2.09 0.00	41.16 2.22 0.00	36.32 2.06 0.00	33.54 1.84 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	28.33 1.80 0.00	26.30 1.65 0.00	25.66 1.50 0.00	24.87 1.39 0.00	24.49 1.23 0.00	25.62 1.22 0.00	26.80 1.49 0.00	30.80 1.58 0.00	33.63 1.90 -0.09	36.16 2.10 -0.21	35.82 2.06 0.00	39.65 2.24 -0.07	43.34 2.57 0.00	46.64 2.85 -0.01	47.40 2.77 0.00	55.20 4.16 -0.32	64.73 5.09 -0.42	68.74 5.31 -0.25	61.86 4.47 -0.02	50.76 2.74 0.00	47.57 2.18 0.00	41.24 2.30 0.00	36.25 1.99 0.00	33.44 1.74 0.00
KIAC_JFK_GT1 23816	28.68 2.15 0.00	26.62 1.97 0.00	25.98 1.81 0.00	25.13 1.64 0.00	24.74 1.49 0.00	26.01 1.61 0.00	27.30 2.00 0.00	31.71 2.48 0.00	34.74 2.91 -0.20	37.60 3.32 -0.44	36.49 2.73 0.00	40.47 2.99 -0.15	44.07 3.30 0.00	47.35 3.55 -0.02	48.16 3.53 0.00	56.62 5.22 -0.67	66.56 6.45 -0.88	70.46 6.76 -0.52	62.86 5.45 -0.05	51.10 3.07 0.00	47.66 2.27 0.00	41.35 2.41 0.00	36.70 2.43 0.00	33.82 2.12 0.00
KIAC_JFK_GT2 23817	28.68 2.15 0.00	26.62 1.97 0.00	25.98 1.81 0.00	25.13 1.64 0.00	24.74 1.49 0.00	26.01 1.61 0.00	27.30 2.00 0.00	31.71 2.48 0.00	34.74 2.91 -0.20	37.60 3.32 -0.44	36.49 2.73 0.00	40.47 2.99 -0.15	44.07 3.30 0.00	47.35 3.55 -0.02	48.16 3.53 0.00	56.62 5.22 -0.67	66.56 6.45 -0.88	70.46 6.76 -0.52	62.86 5.45 -0.05	51.10 3.07 0.00	47.66 2.27 0.00	41.35 2.41 0.00	36.70 2.43 0.00	33.82 2.12 0.00
KIAC_JFK____ 323774	28.68 2.15 0.00	26.62 1.97 0.00	25.95 1.79 0.00	25.13 1.64 0.00	24.74 1.49 0.00	26.01 1.61 0.00	27.30 2.00 0.00	31.70 2.48 0.00	34.74 2.91 -0.20	37.64 3.35 -0.44	36.49 2.73 0.00	40.47 2.99 -0.15	44.11 3.34 0.00	47.40 3.59 -0.02	48.21 3.57 0.00	56.62 5.22 -0.68	66.56 6.46 -0.88	70.53 6.83 -0.52	62.91 5.51 -0.05	51.10 3.08 0.00	47.84 2.45 0.00	41.39 2.45 0.00	36.70 2.43 0.00	33.79 2.09 0.00
KINTIGH____ 23543	27.72 1.19 0.00	25.66 1.01 0.00	24.91 0.75 0.00	24.02 0.54 0.00	23.81 0.56 0.00	25.08 0.68 0.00	26.21 0.91 0.00	30.07 0.85 0.00	31.92 0.28 0.00	34.02 0.17 0.00	34.23 0.47 0.00	37.94 0.60 0.00	41.42 0.65 0.00	44.23 0.61 0.17	45.41 0.98 0.21	51.56 1.32 0.47	60.27 1.60 0.55	65.30 1.96 -0.16	58.66 1.72 0.42	50.12 2.45 0.35	46.66 1.27 0.00	39.99 1.05 0.00	35.05 0.79 0.00	32.94 1.24 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	25.81 -0.72 0.00	24.03 -0.62 0.00	23.61 -0.56 0.00	23.04 -0.45 0.00	23.02 -0.23 0.00	24.22 -0.17 0.00	25.13 -0.18 0.00	29.19 -0.03 0.00	31.86 0.22 0.00	34.22 0.37 0.00	34.00 0.24 0.00	37.64 0.30 0.00	40.93 0.16 0.00	44.10 0.31 0.00	44.95 0.31 0.00	50.21 -0.51 0.00	57.86 -1.36 0.00	56.25 -1.07 5.86	55.92 -0.40 1.04	48.50 0.48 0.00	46.26 0.86 0.00	39.41 0.47 0.00	34.33 0.07 0.00	31.60 -0.10 0.00

LACHUTE____HYDRO 323717	29.32 2.78 0.00	27.16 2.51 0.00	26.58 2.42 0.00	25.83 2.35 0.00	25.56 2.30 0.00	27.15 2.76 0.00	28.09 2.78 0.00	32.49 3.27 0.00	35.29 3.89 0.23	37.21 3.89 0.52	37.44 3.68 0.00	41.20 4.03 0.17	45.41 4.65 0.00	48.89 5.12 0.02	50.04 5.40 0.00	56.25 6.34 0.80	67.28 9.12 1.05	72.41 9.85 0.62	66.83 9.52 0.06	55.76 7.73 0.00	51.61 6.22 0.00	43.97 5.03 0.00	38.51 4.25 0.00	35.25 3.55 0.00
LAWRNCAV_115KV_TB1 80681	25.28 -1.25 0.00	23.49 -1.16 0.00	23.08 -1.09 0.00	22.45 -1.03 0.00	22.37 -0.88 0.00	23.47 -0.93 0.00	24.24 -1.06 0.00	28.05 -1.17 0.00	30.53 -1.11 0.00	32.76 -1.08 0.00	32.65 -1.11 0.00	36.18 -1.16 0.00	39.42 -1.35 0.00	42.39 -1.40 0.00	43.03 -1.61 0.00	47.78 -2.94 0.00	55.31 -3.91 0.00	44.20 -4.87 14.12	50.90 -3.96 2.50	46.20 -1.82 0.00	44.35 -1.04 0.00	37.73 -1.21 0.00	33.03 -1.23 0.00	30.37 -1.33 0.00
LEDERLE____ 23769	28.31 1.78 0.00	26.32 1.68 0.00	25.69 1.52 0.00	24.89 1.41 0.00	24.53 1.28 0.00	25.74 1.34 0.00	26.90 1.59 0.00	31.06 1.84 0.00	33.93 2.12 -0.18	36.61 2.37 -0.40	36.02 2.26 0.00	39.90 2.43 -0.13	43.50 2.73 0.00	46.78 2.98 -0.02	47.63 2.99 0.00	55.69 4.36 -0.61	65.40 5.39 -0.80	69.21 5.56 -0.47	61.93 4.53 -0.04	50.76 2.74 0.00	47.35 1.95 0.00	41.04 2.10 0.00	36.18 1.92 0.00	33.38 1.68 0.00
LIGHTHSE_115KV_TB6 355974	26.66 0.13 0.00	24.69 0.05 0.00	24.19 0.02 0.00	23.46 -0.02 0.00	23.28 0.02 0.00	24.47 0.07 0.00	25.40 0.10 0.00	29.37 0.15 0.00	31.57 -0.06 0.00	33.64 -0.20 0.00	33.69 -0.07 0.00	37.38 0.04 0.00	40.81 0.04 0.00	44.72 0.09 -0.84	45.69 0.04 -1.00	53.24 0.25 -2.27	62.02 0.18 -2.63	71.84 0.38 -8.28	61.77 0.80 -3.61	50.70 1.01 -1.67	46.17 0.77 0.00	39.41 0.47 0.00	34.47 0.21 0.00	31.92 0.22 0.00
LINDEN COGEN____ 23786	28.36 1.83 0.00	26.32 1.68 0.00	25.70 1.55 0.01	24.88 1.41 0.01	24.52 1.28 0.01	25.74 1.34 0.00	26.97 1.67 0.00	31.27 2.04 0.00	33.44 2.37 0.57	33.37 2.74 3.22	33.47 2.43 2.72	35.07 2.61 4.88	35.36 2.89 8.30	35.66 3.11 11.24	36.50 3.08 11.21	45.93 4.61 9.41	51.50 5.69 13.40	54.36 6.01 14.83	46.20 4.70 15.86	36.16 2.54 14.41	35.31 1.91 11.99	35.72 2.02 5.24	36.25 1.99 0.00	33.44 1.74 0.00
LINDHRST_69_KV_BK1 356055	35.97 3.00 -6.45	34.73 2.78 -7.30	32.92 2.63 -6.12	29.41 2.47 -3.46	29.68 2.35 -4.08	31.39 2.49 -4.51	33.15 2.83 -5.01	34.07 3.30 -1.55	37.14 3.76 -1.73	39.03 4.10 -1.09	40.40 3.85 -2.79	41.38 3.85 -0.20	46.96 4.48 -1.70	48.49 4.69 -0.02	53.55 4.69 -4.22	59.09 6.04 -2.34	69.17 6.99 -2.96	74.23 7.27 -3.79	66.61 6.31 -2.94	57.29 4.13 -5.14	49.71 3.54 -0.78	42.69 3.66 -0.09	38.54 3.22 -1.05	34.91 3.17 -0.04
LIPA_MISC_IPP 23656	35.71 2.73 -6.45	34.71 2.76 -7.30	32.94 2.66 -6.12	29.41 2.47 -3.46	29.66 2.33 -4.08	31.37 2.46 -4.51	33.15 2.83 -5.01	33.78 3.01 -1.55	36.95 3.57 -1.73	38.83 3.89 -1.09	40.45 3.65 -3.04	41.59 3.51 -0.75	48.99 4.16 -4.06	48.19 4.38 -0.03	58.82 4.37 -9.81	76.14 5.53 -19.90	90.50 6.40 -24.89	113.06 6.63 -43.25	97.84 5.85 -34.63	111.09 3.79 -59.27	57.55 3.18 -8.98	45.23 3.35 -2.94	38.95 2.88 -1.81	34.72 2.98 -0.04
LISF____SOLAR 323691	35.76 2.78 -6.45	34.75 2.81 -7.30	32.97 2.68 -6.12	29.43 2.49 -3.46	29.70 2.37 -4.08	31.42 2.51 -4.51	33.17 2.86 -5.01	33.84 3.07 -1.55	36.98 3.61 -1.73	38.93 3.99 -1.09	40.52 3.71 -3.05	41.90 3.81 -0.75	49.18 4.32 -4.09	48.89 4.55 -0.55	59.03 4.51 -9.88	76.47 5.63 -20.13	91.02 6.63 -25.17	114.31 6.95 -44.18	121.71 6.14 -58.21	111.98 3.98 -59.98	57.93 3.45 -9.08	45.15 3.08 -3.13	39.04 2.95 -1.83	34.79 3.04 -0.04
LITTLE FALLS____HYD 24013	26.66 0.13 0.00	24.77 0.12 0.00	24.31 0.14 0.00	23.62 0.14 0.00	23.42 0.16 0.00	24.57 0.17 0.00	25.50 0.20 0.00	29.43 0.20 0.00	31.89 0.25 0.00	34.05 0.20 0.00	34.13 0.37 0.00	37.75 0.41 0.00	41.22 0.45 0.00	44.27 0.48 0.00	44.68 0.04 0.00	50.97 0.25 0.00	59.51 0.30 0.00	64.95 0.32 -1.45	58.13 0.52 -0.26	48.36 0.34 0.00	45.85 0.45 0.00	39.21 0.27 0.00	34.50 0.24 0.00	31.89 0.19 0.00
LITTLRIV_115KV_TB1 356100	25.52 -1.01 0.00	23.71 -0.94 0.00	23.29 -0.87 0.00	22.69 -0.80 0.00	22.60 -0.65 0.00	23.71 -0.68 0.00	24.52 -0.78 0.00	28.34 -0.88 0.00	30.85 -0.79 0.00	33.10 -0.74 0.00	33.05 -0.71 0.00	36.63 -0.71 0.00	39.95 -0.82 0.00	42.96 -0.83 0.00	43.43 -1.21 0.00	48.23 -2.49 0.00	55.84 -3.38 0.00	43.77 -4.30 15.12	51.42 -3.27 2.68	46.82 -1.20 0.00	44.99 -0.41 0.00	38.20 -0.74 0.00	33.37 -0.89 0.00	30.65 -1.05 0.00
LI_NEWBRDGE____DRP 323616	35.31 2.33 -6.45	34.12 2.17 -7.30	32.31 2.03 -6.12	28.85 1.90 -3.46	29.10 1.77 -4.08	30.78 1.88 -4.51	32.46 2.15 -5.01	33.31 2.54 -1.54	36.25 2.88 -1.73	38.08 3.15 -1.09	39.00 2.80 -2.44	40.28 2.80 -0.15	45.51 3.26 -1.48	47.22 3.42 -0.02	51.86 3.53 -3.69	56.11 4.72 -0.67	65.55 5.45 -0.88	69.26 5.56 -0.52	62.11 4.70 -0.05	50.86 2.83 0.00	47.66 2.27 0.00	41.43 2.49 0.00	36.53 2.26 0.00	34.03 2.28 -0.04
LOCKPORT_115KV_TB60_63_64 80432	28.33 1.80 0.00	26.20 1.55 0.00	25.42 1.26 0.00	24.47 0.99 0.00	24.25 1.00 0.00	25.54 1.15 0.00	26.67 1.37 0.00	30.45 1.23 0.00	32.02 0.38 0.00	34.05 0.20 0.00	34.33 0.57 0.00	38.08 0.75 0.00	41.62 0.86 0.00	44.10 0.44 0.13	45.33 0.85 0.15	51.43 1.07 0.35	60.12 1.30 0.41	65.10 1.58 -0.33	58.47 1.38 0.27	50.17 2.40 0.26	46.89 1.50 0.00	40.26 1.32 0.00	35.22 0.96 0.00	33.22 1.52 0.00
LOCKPORT____CC1 323769	28.31 1.78 0.00	26.17 1.53 0.00	25.30 1.14 0.00	24.47 0.99 0.00	24.23 0.98 0.00	25.54 1.15 0.00	26.74 1.44 0.00	30.45 1.23 0.00	31.92 0.28 0.00	33.78 -0.07 0.00	34.20 0.44 0.00	37.82 0.48 0.00	41.34 0.57 0.00	43.75 0.09 0.13	44.98 0.49 0.15	51.23 0.86 0.35	59.76 0.94 0.40	64.66 1.14 -0.34	58.07 0.97 0.27	50.31 2.54 0.25	46.57 1.18 0.00	40.11 1.17 0.00	34.99 0.72 0.00	33.13 1.43 0.00
LOCKPORT____CC2 323770	28.31 1.78 0.00	26.17 1.53 0.00	25.30 1.14 0.00	24.47 0.99 0.00	24.23 0.98 0.00	25.54 1.15 0.00	26.74 1.44 0.00	30.45 1.23 0.00	31.92 0.28 0.00	33.78 -0.07 0.00	34.20 0.44 0.00	37.82 0.48 0.00	41.34 0.57 0.00	43.75 0.09 0.13	44.98 0.49 0.15	51.23 0.86 0.35	59.76 0.94 0.40	64.66 1.14 -0.34	58.07 0.97 0.27	50.31 2.54 0.25	46.57 1.18 0.00	40.11 1.17 0.00	34.99 0.72 0.00	33.13 1.43 0.00
LOCKPORT____CC3 323771	28.31 1.78 0.00	26.17 1.53 0.00	25.30 1.14 0.00	24.47 0.99 0.00	24.23 0.98 0.00	25.54 1.15 0.00	26.74 1.44 0.00	30.45 1.23 0.00	31.92 0.28 0.00	33.78 -0.07 0.00	34.20 0.44 0.00	37.82 0.48 0.00	41.34 0.57 0.00	43.75 0.09 0.13	44.98 0.49 0.15	51.23 0.86 0.35	59.76 0.94 0.40	64.66 1.14 -0.34	58.07 0.97 0.27	50.31 2.54 0.25	46.57 1.18 0.00	40.11 1.17 0.00	34.99 0.72 0.00	33.13 1.43 0.00

LONG_LAKE_PHOENIX 24014	26.42 -0.11 0.00	24.52 -0.12 0.00	23.97 -0.19 0.00	23.27 -0.21 0.00	23.07 -0.19 0.00	24.22 -0.17 0.00	25.15 -0.15 0.00	29.08 -0.15 0.00	31.26 -0.38 0.00	33.37 -0.47 0.00	33.46 -0.30 0.00	37.08 -0.26 0.00	40.52 -0.24 0.00	44.76 -0.22 -1.19	45.88 -0.18 -1.43	54.07 0.10 -3.26	63.10 0.12 -3.76	69.78 0.25 -6.35	61.95 0.40 -4.19	50.85 0.43 -2.39	45.48 0.09 0.00	38.90 -0.04 0.00	34.13 -0.14 0.00	31.70 0.00 0.00
LOVETT___3 23632	28.20 1.67 0.00	26.22 1.58 0.00	25.61 1.45 0.00	24.82 1.34 0.00	24.46 1.21 0.00	25.66 1.27 0.00	26.82 1.52 0.00	30.97 1.75 0.00	33.84 2.02 -0.18	36.48 2.23 -0.40	35.85 2.09 0.00	39.71 2.24 -0.13	43.30 2.53 0.00	46.52 2.71 -0.02	47.40 2.77 0.00	55.44 4.11 -0.62	65.06 5.03 -0.81	68.90 5.24 -0.48	61.65 4.24 -0.04	50.47 2.45 0.00	47.12 1.72 0.00	40.81 1.87 0.00	36.01 1.75 0.00	33.22 1.52 0.00
LOVETT___4 23642	28.20 1.67 0.00	26.22 1.58 0.00	25.61 1.45 0.00	24.82 1.34 0.00	24.46 1.21 0.00	25.66 1.27 0.00	26.82 1.52 0.00	30.97 1.75 0.00	33.84 2.02 -0.18	36.48 2.23 -0.40	35.85 2.09 0.00	39.71 2.24 -0.13	43.30 2.53 0.00	46.52 2.71 -0.02	47.40 2.77 0.00	55.44 4.11 -0.62	65.06 5.03 -0.81	68.90 5.24 -0.48	61.65 4.24 -0.04	50.47 2.45 0.00	47.12 1.72 0.00	40.81 1.87 0.00	36.01 1.75 0.00	33.22 1.52 0.00
LOVETT___5 23593	28.20 1.67 0.00	26.22 1.58 0.00	25.61 1.45 0.00	24.82 1.34 0.00	24.46 1.21 0.00	25.66 1.27 0.00	26.82 1.52 0.00	30.97 1.75 0.00	33.84 2.02 -0.18	36.48 2.23 -0.40	35.85 2.09 0.00	39.71 2.24 -0.13	43.30 2.53 0.00	46.52 2.71 -0.02	47.40 2.77 0.00	55.44 4.11 -0.62	65.06 5.03 -0.81	68.90 5.24 -0.48	61.65 4.24 -0.04	50.47 2.45 0.00	47.12 1.72 0.00	40.81 1.87 0.00	36.01 1.75 0.00	33.22 1.52 0.00
LOWER RAQUET___HYD 24057	25.15 -1.38 0.00	23.36 -1.28 0.00	22.96 -1.21 0.00	22.33 -1.15 0.00	22.25 -1.00 0.00	23.35 -1.05 0.00	24.14 -1.16 0.00	27.94 -1.29 0.00	30.40 -1.23 0.00	32.59 -1.25 0.00	32.51 -1.25 0.00	36.03 -1.31 0.00	39.26 -1.51 0.00	42.34 -1.57 -0.12	43.00 -1.79 -0.15	47.57 -3.14 0.00	55.07 -4.15 0.00	41.94 -5.18 16.06	50.45 -4.07 2.84	45.96 -2.06 0.00	44.17 -1.22 0.00	37.62 -1.32 0.00	32.89 -1.37 0.00	30.24 -1.46 0.00
LOWER___HUDSON 24059	27.64 1.11 0.00	25.70 1.06 0.00	25.23 1.06 0.00	24.56 1.08 0.00	24.25 1.00 0.00	25.44 1.05 0.00	26.32 1.01 0.00	30.33 1.11 0.00	32.67 1.33 0.30	34.63 1.45 0.67	35.11 1.35 0.00	38.50 1.38 0.22	42.32 1.55 0.00	45.43 1.66 0.03	46.38 1.74 0.00	52.22 2.53 1.03	61.24 3.37 1.35	65.98 3.60 0.80	60.33 3.04 0.07	50.23 2.21 0.00	47.03 1.63 0.00	40.34 1.40 0.00	35.70 1.44 0.00	32.90 1.20 0.00
LOWVILLE_115KV_TB2 356335	26.98 0.45 0.00	24.99 0.35 0.00	24.50 0.34 0.00	23.79 0.31 0.00	23.67 0.42 0.00	24.86 0.46 0.00	25.81 0.51 0.00	29.81 0.58 0.00	32.24 0.60 0.00	34.29 0.44 0.00	34.30 0.54 0.00	38.12 0.78 0.00	41.54 0.77 0.00	44.95 1.66 -0.29	45.47 0.88 -0.34	52.14 0.76 -0.67	60.76 0.77 -0.77	78.30 0.95 -14.17	62.16 1.66 -3.14	50.53 2.02 -0.49	47.53 2.13 0.00	40.22 1.29 0.00	35.09 0.82 0.00	32.27 0.57 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	28.04 1.51 0.00	26.05 1.40 0.00	25.57 1.40 0.00	24.87 1.39 0.00	24.58 1.33 0.00	25.86 1.46 0.00	26.77 1.47 0.00	30.86 1.64 0.00	33.33 1.93 0.24	35.30 2.00 0.54	35.58 1.82 0.00	39.10 1.94 0.18	43.01 2.24 0.00	46.18 2.41 0.02	47.14 2.50 0.00	53.24 3.35 0.83	62.69 4.56 1.08	67.47 4.93 0.64	61.78 4.47 0.06	51.48 3.46 0.00	48.03 2.63 0.00	41.24 2.30 0.00	36.39 2.12 0.00	33.47 1.78 0.00
LUTHERNY_35_KV_BK2 355980	28.07 1.54 0.00	26.07 1.43 0.00	25.57 1.40 0.00	24.87 1.39 0.00	24.58 1.33 0.00	25.86 1.46 0.00	26.77 1.47 0.00	30.89 1.67 0.00	33.33 1.93 0.24	35.34 2.03 0.54	35.62 1.86 0.00	39.14 1.98 0.18	43.05 2.28 0.00	46.22 2.45 0.02	47.18 2.54 0.00	53.29 3.40 0.83	62.75 4.62 1.08	67.53 4.99 0.64	61.83 4.53 0.06	51.53 3.51 0.00	48.07 2.68 0.00	41.28 2.34 0.00	36.42 2.16 0.00	33.51 1.81 0.00
LWR___OSWEGATCHIE_HYD 23850	26.00 -0.53 0.00	24.13 -0.52 0.00	23.66 -0.51 0.00	23.01 -0.47 0.00	22.90 -0.35 0.00	24.05 -0.34 0.00	24.92 -0.38 0.00	28.81 -0.41 0.00	31.23 -0.41 0.00	33.37 -0.47 0.00	33.29 -0.47 0.00	36.93 -0.41 0.00	40.28 -0.49 0.00	43.54 -0.48 -0.24	44.12 -0.80 -0.28	49.98 -1.32 -0.58	58.00 -1.89 -0.67	92.67 -2.27 -31.76	62.21 -1.32 -6.17	48.45 0.00 -0.43	45.85 0.45 0.00	38.86 -0.08 0.00	33.92 -0.34 0.00	31.19 -0.51 0.00
LYONS_FALL_HYD 23570	27.09 0.56 0.00	25.09 0.44 0.00	24.60 0.44 0.00	23.91 0.42 0.00	23.74 0.49 0.00	24.93 0.54 0.00	25.91 0.61 0.00	29.92 0.70 0.00	32.37 0.73 0.00	34.69 0.85 0.00	34.77 1.01 0.00	38.57 1.23 0.00	42.11 1.34 0.00	45.36 1.44 -0.12	45.99 1.21 -0.15	52.41 1.22 -0.48	61.13 1.36 -0.55	74.28 1.51 -9.59	61.57 2.06 -2.15	50.54 2.16 -0.35	47.53 2.13 0.00	40.26 1.32 0.00	35.19 0.93 0.00	32.37 0.67 0.00
MADISON___COUNTY_LFGE 323628	27.38 0.85 0.00	25.36 0.71 0.00	24.86 0.70 0.00	24.14 0.66 0.00	23.95 0.70 0.00	25.15 0.76 0.00	26.16 0.86 0.00	30.22 0.99 0.00	32.65 1.01 0.00	34.86 1.02 0.00	34.94 1.18 0.00	38.76 1.42 0.00	42.36 1.59 0.00	45.70 1.75 -0.16	46.48 1.65 -0.19	53.29 2.13 -0.44	62.34 2.61 -0.51	69.64 2.91 -3.55	61.56 3.15 -1.05	51.09 2.74 -0.33	47.89 2.50 0.00	40.65 1.71 0.00	35.57 1.30 0.00	32.78 1.08 0.00
MALONE___115KV_TB1 356076	25.58 -0.96 0.00	23.78 -0.86 0.00	23.37 -0.80 0.00	22.78 -0.70 0.00	22.74 -0.51 0.00	23.93 -0.46 0.00	24.80 -0.51 0.00	28.81 -0.41 0.00	31.45 -0.19 0.00	33.78 -0.07 0.00	33.62 -0.14 0.00	37.23 -0.11 0.00	40.48 -0.29 0.00	43.57 -0.22 0.00	44.32 -0.31 0.00	49.40 -1.32 0.00	56.97 -2.25 0.00	51.92 -2.27 8.99	54.28 -1.49 1.59	47.73 -0.29 0.00	45.62 0.23 0.00	38.86 -0.08 0.00	33.89 -0.38 0.00	31.13 -0.57 0.00
MAPLEWOD_115KV_TB3 80458	27.67 1.14 0.00	25.70 1.06 0.00	25.25 1.09 0.00	24.56 1.08 0.00	24.25 1.00 0.00	25.47 1.07 0.00	26.34 1.04 0.00	30.39 1.17 0.00	32.83 1.42 0.23	34.83 1.49 0.51	35.18 1.42 0.00	38.66 1.49 0.17	42.40 1.63 0.00	45.56 1.80 0.02	46.51 1.87 0.00	52.57 2.64 0.78	61.81 3.61 1.02	66.37 3.79 0.60	60.57 3.27 0.05	50.38 2.35 0.00	47.03 1.63 0.00	40.42 1.48 0.00	35.77 1.51 0.00	32.94 1.24 0.00
MAPLE RIDGE_WT_1 323574	26.05 -0.48 0.00	24.23 -0.42 0.00	23.80 -0.36 0.00	23.20 -0.28 0.00	23.04 -0.21 0.00	24.25 -0.15 0.00	25.23 -0.08 0.00	29.22 0.00 0.00	31.70 0.06 0.00	33.95 0.10 0.00	33.86 0.10 0.00	37.45 0.11 0.00	40.85 0.08 0.00	43.79 0.00 0.00	44.59 -0.04 0.00	50.72 0.00 0.00	59.22 0.00 0.00	63.25 0.06 0.00	57.59 0.23 0.00	48.12 0.10 0.00	45.26 -0.14 0.00	38.71 -0.23 0.00	34.03 -0.24 0.00	31.41 -0.29 0.00

MAPLE_RIDGE_WT_2 323611	26.05 -0.48 0.00	24.23 -0.42 0.00	23.80 -0.36 0.00	23.20 -0.28 0.00	23.04 -0.21 0.00	24.25 -0.15 0.00	25.23 -0.08 0.00	29.22 0.00 0.00	31.70 0.06 0.00	33.95 0.10 0.00	33.86 0.10 0.00	37.45 0.11 0.00	40.85 0.08 0.00	43.79 0.00 0.00	44.59 -0.04 0.00	50.72 0.00 0.00	59.22 0.00 0.00	63.25 0.06 0.00	57.59 0.23 0.00	48.12 0.10 0.00	45.26 -0.14 0.00	38.71 -0.23 0.00	34.03 -0.24 0.00	31.41 -0.29 0.00
MARBLE_RIVER_WT_PWR 323696	25.60 -0.93 0.00	23.83 -0.81 0.00	23.41 -0.75 0.00	22.83 -0.66 0.00	22.79 -0.46 0.00	24.00 -0.39 0.00	24.90 -0.41 0.00	28.96 -0.26 0.00	31.57 -0.06 0.00	33.85 0.00 0.00	33.69 -0.07 0.00	37.26 -0.07 0.00	40.52 -0.24 0.00	43.66 -0.13 0.00	44.50 -0.13 0.00	49.70 -1.01 0.00	57.44 -1.77 0.00	55.81 -1.77 5.60	55.28 -1.09 0.99	47.78 -0.24 0.00	45.58 0.18 0.00	38.94 0.00 0.00	34.03 -0.24 0.00	31.32 -0.38 0.00
MARSHVLE_115KV_TB1 80742	28.92 2.39 0.00	26.79 2.14 0.00	26.27 2.10 0.00	25.53 2.04 0.00	25.28 2.02 0.00	26.71 2.32 0.00	27.76 2.45 0.00	32.03 2.81 0.00	34.56 3.07 0.14	36.47 2.94 0.33	36.73 2.97 0.00	40.33 3.10 0.11	44.27 3.51 0.00	47.54 3.77 0.01	48.48 3.84 0.00	54.83 4.62 0.50	64.72 6.16 0.65	69.68 6.89 0.39	63.92 6.60 0.03	53.64 5.62 0.00	50.30 4.90 0.00	42.87 3.93 0.00	37.52 3.26 0.00	34.46 2.76 0.00
MARSH_HILL_WT_PWR 323713	28.63 2.10 0.00	26.47 1.82 0.00	25.71 1.55 0.00	24.85 1.36 0.00	24.65 1.40 0.00	26.06 1.66 0.00	27.25 1.95 0.00	31.38 2.16 0.00	33.44 1.80 0.00	35.40 1.56 0.00	35.89 2.13 0.00	39.65 2.32 0.00	43.25 2.49 0.00	45.98 2.19 0.00	47.05 2.41 0.00	53.97 3.25 0.00	63.13 3.91 0.00	68.41 4.42 -0.81	61.81 4.30 -0.14	52.63 4.61 0.00	48.98 3.59 0.00	42.02 3.08 0.00	36.63 2.36 0.00	34.20 2.50 0.00
MCINTYRE_115KV_TB2 80467	25.81 -0.72 0.00	23.98 -0.67 0.00	23.56 -0.60 0.00	22.92 -0.56 0.00	22.86 -0.40 0.00	23.98 -0.41 0.00	24.77 -0.53 0.00	28.67 -0.56 0.00	31.16 -0.47 0.00	33.41 -0.44 0.00	33.32 -0.44 0.00	36.93 -0.41 0.00	40.24 -0.53 0.00	43.31 -0.48 0.00	43.79 -0.85 0.00	48.64 -2.08 0.00	56.26 -2.96 0.00	45.84 -3.73 13.61	52.14 -2.81 2.41	47.21 -0.82 0.00	45.44 0.05 0.00	38.59 -0.35 0.00	33.72 -0.55 0.00	30.97 -0.73 0.00
MECO____69_KV_BK1 80468	29.34 2.81 0.00	27.16 2.51 0.00	26.60 2.44 0.00	25.88 2.40 0.00	25.60 2.35 0.00	27.15 2.76 0.00	28.11 2.81 0.00	32.49 3.27 0.00	35.09 3.61 0.16	36.91 3.42 0.36	38.11 4.35 0.00	41.77 4.56 0.12	46.03 5.26 0.00	49.29 5.52 0.01	48.97 4.33 0.00	55.44 5.27 0.55	66.08 7.58 0.72	71.16 8.40 0.42	65.58 8.26 0.04	54.94 6.92 0.00	51.25 5.86 0.00	43.61 4.67 0.00	38.31 4.04 0.00	35.16 3.46 0.00
MENANDS__115KV_TB5 355628	27.38 0.85 0.00	25.46 0.81 0.00	25.01 0.85 0.00	24.35 0.87 0.00	24.04 0.79 0.00	25.20 0.81 0.00	26.06 0.76 0.00	30.04 0.82 0.00	32.45 1.04 0.23	34.44 1.12 0.52	34.81 1.05 0.00	38.25 1.08 0.17	41.91 1.14 0.00	44.99 1.23 0.02	45.93 1.29 0.00	51.94 2.03 0.80	60.95 2.78 1.05	65.47 2.91 0.62	59.66 2.35 0.06	49.61 1.58 0.00	46.39 1.00 0.00	39.87 0.93 0.00	35.36 1.10 0.00	32.59 0.89 0.00
MG INDUSTRY___DRP 24185	27.46 0.93 0.00	25.53 0.89 0.00	25.11 0.94 0.00	24.45 0.96 0.00	24.14 0.88 0.00	25.32 0.93 0.00	26.16 0.86 0.00	30.16 0.94 0.00	32.63 1.14 0.14	34.71 1.18 0.32	34.87 1.11 0.00	38.39 1.16 0.11	41.79 1.02 0.00	44.87 1.09 0.01	45.80 1.16 0.00	52.00 1.78 0.49	61.00 2.43 0.64	65.27 2.46 0.38	59.39 2.06 0.03	49.51 1.49 0.00	46.35 0.95 0.00	39.84 0.90 0.00	35.46 1.20 0.00	32.71 1.01 0.00
MID____OSWEGATCHIE_HYD 23849	26.00 -0.53 0.00	24.13 -0.52 0.00	23.66 -0.51 0.00	23.01 -0.47 0.00	22.90 -0.35 0.00	24.05 -0.34 0.00	24.92 -0.38 0.00	28.81 -0.41 0.00	31.23 -0.41 0.00	33.37 -0.47 0.00	33.29 -0.47 0.00	36.93 -0.41 0.00	40.28 -0.49 0.00	43.54 -0.48 -0.24	44.12 -0.80 -0.28	49.98 -1.32 -0.58	58.00 -1.89 -0.67	92.67 -2.27 -31.76	62.21 -1.32 -6.17	48.45 0.00 -0.43	45.85 0.45 0.00	38.86 -0.08 0.00	33.92 -0.34 0.00	31.19 -0.51 0.00
MID____RAQUETTE_HYD 23851	25.15 -1.38 0.00	23.36 -1.28 0.00	22.96 -1.21 0.00	22.33 -1.15 0.00	22.25 -1.00 0.00	23.35 -1.05 0.00	24.14 -1.16 0.00	27.94 -1.29 0.00	30.40 -1.23 0.00	32.63 -1.22 0.00	32.51 -1.25 0.00	36.03 -1.31 0.00	39.26 -1.51 0.00	42.33 -1.58 -0.12	42.95 -1.83 -0.15	47.57 -3.14 0.00	55.07 -4.15 0.00	42.01 -5.12 16.06	50.45 -4.07 2.84	46.10 -1.92 0.00	44.26 -1.13 0.00	37.62 -1.32 0.00	32.86 -1.40 0.00	30.24 -1.46 0.00
MILLIKEN___1 23584	27.56 1.03 0.00	25.56 0.91 0.00	24.96 0.80 0.00	24.21 0.73 0.00	24.02 0.77 0.00	25.27 0.88 0.00	26.26 0.96 0.00	30.36 1.14 0.00	32.65 1.01 0.00	34.79 0.95 0.00	34.94 1.18 0.00	38.68 1.34 0.00	42.24 1.47 0.00	45.79 1.62 -0.38	46.79 1.70 -0.45	54.09 2.33 -1.04	63.26 2.84 -1.20	68.98 3.35 -2.45	62.21 3.44 -1.41	51.76 2.98 -0.76	47.94 2.54 0.00	40.89 1.95 0.00	35.70 1.44 0.00	33.06 1.36 0.00
MILLIKEN___2 23585	27.56 1.03 0.00	25.56 0.91 0.00	24.96 0.80 0.00	24.21 0.73 0.00	24.02 0.77 0.00	25.27 0.88 0.00	26.26 0.96 0.00	30.36 1.14 0.00	32.65 1.01 0.00	34.79 0.95 0.00	34.94 1.18 0.00	38.68 1.34 0.00	42.24 1.47 0.00	45.79 1.62 -0.38	46.79 1.70 -0.45	54.09 2.33 -1.04	63.26 2.84 -1.20	68.98 3.35 -2.45	62.21 3.44 -1.41	51.76 2.98 -0.76	47.94 2.54 0.00	40.89 1.95 0.00	35.70 1.44 0.00	33.06 1.36 0.00
MILLIKEN___DIESEL 23629	27.56 1.03 0.00	25.56 0.91 0.00	24.96 0.80 0.00	24.21 0.73 0.00	24.02 0.77 0.00	25.27 0.88 0.00	26.26 0.96 0.00	30.36 1.14 0.00	32.65 1.01 0.00	34.79 0.95 0.00	34.94 1.18 0.00	38.68 1.34 0.00	42.24 1.47 0.00	45.79 1.62 -0.38	46.79 1.70 -0.45	54.09 2.33 -1.04	63.26 2.84 -1.20	68.98 3.35 -2.45	62.21 3.44 -1.41	51.76 2.98 -0.76	47.94 2.54 0.00	40.89 1.95 0.00	35.70 1.44 0.00	33.06 1.36 0.00
MILLSEAT___LFGE 323607	28.65 2.12 0.00	26.47 1.82 0.00	25.59 1.43 0.00	24.75 1.27 0.00	24.55 1.30 0.00	25.86 1.46 0.00	27.05 1.74 0.00	30.97 1.75 0.00	32.65 1.01 0.00	34.49 0.64 0.00	34.87 1.11 0.00	38.61 1.27 0.00	42.23 1.47 0.00	44.84 1.18 0.13	46.08 1.60 0.16	52.53 2.18 0.37	61.28 2.49 0.42	66.34 2.85 -0.32	59.53 2.46 0.29	51.64 3.89 0.27	47.84 2.45 0.00	41.04 2.10 0.00	35.81 1.54 0.00	33.79 2.09 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	28.33 1.80 0.00	26.32 1.68 0.00	25.73 1.57 0.00	24.92 1.43 0.00	24.58 1.33 0.00	25.79 1.39 0.00	26.92 1.62 0.00	31.15 1.93 0.00	34.08 2.25 -0.19	36.79 2.50 -0.43	36.09 2.33 0.00	39.98 2.50 -0.14	43.58 2.81 0.00	46.83 3.02 -0.02	47.67 3.04 0.00	55.85 4.46 -0.67	65.54 5.45 -0.87	69.38 5.69 -0.52	62.05 4.65 -0.05	50.81 2.79 0.00	47.39 2.00 0.00	41.04 2.10 0.00	36.22 1.95 0.00	33.44 1.74 0.00

MILLWOOD_13_KV_LOAD 356217	28.44 1.91 0.00	26.44 1.80 0.00	25.83 1.67 0.00	24.99 1.50 0.00	24.62 1.37 0.00	25.86 1.46 0.00	26.97 1.67 0.00	31.33 2.10 0.00	34.27 2.44 -0.19	36.99 2.71 -0.43	36.36 2.60 0.00	40.25 2.76 -0.14	43.87 3.10 0.00	47.13 3.33 -0.02	48.03 3.39 0.00	56.25 4.87 -0.67	66.01 5.92 -0.87	69.89 6.19 -0.52	62.51 5.11 -0.05	51.19 3.17 0.00	47.66 2.27 0.00	41.32 2.38 0.00	36.39 2.12 0.00	33.60 1.90 0.00
MODEL_CITY_ENERGY 24167	28.04 1.51 0.00	25.95 1.31 0.00	25.01 0.85 0.00	24.26 0.77 0.00	24.02 0.77 0.00	25.30 0.90 0.00	26.47 1.16 0.00	30.07 0.85 0.00	31.70 0.06 0.00	33.57 -0.27 0.00	33.96 0.20 0.00	37.56 0.23 0.00	41.01 0.25 0.00	43.45 -0.22 0.12	44.67 0.18 0.15	50.88 0.51 0.34	59.35 0.53 0.39	64.22 0.70 -0.34	57.67 0.57 0.26	49.93 2.16 0.25	46.21 0.82 0.00	39.80 0.86 0.00	34.74 0.48 0.00	32.90 1.20 0.00
MODERN_LFGE_ 323580	28.04 1.51 0.00	25.95 1.31 0.00	25.01 0.85 0.00	24.26 0.77 0.00	24.02 0.77 0.00	25.30 0.90 0.00	26.47 1.16 0.00	30.07 0.85 0.00	31.70 0.06 0.00	33.57 -0.27 0.00	33.96 0.20 0.00	37.56 0.23 0.00	41.01 0.25 0.00	43.45 -0.22 0.12	44.67 0.18 0.15	50.88 0.51 0.34	59.35 0.53 0.39	64.22 0.70 -0.34	57.67 0.57 0.26	49.93 2.16 0.25	46.21 0.82 0.00	39.80 0.86 0.00	34.74 0.48 0.00	32.90 1.20 0.00
MOHAWK_PAPER___DRP 24187	27.67 1.14 0.00	25.70 1.06 0.00	25.25 1.09 0.00	24.56 1.08 0.00	24.25 1.00 0.00	25.47 1.07 0.00	26.34 1.04 0.00	30.39 1.17 0.00	32.83 1.42 0.23	34.83 1.49 0.51	35.18 1.42 0.00	38.66 1.49 0.17	42.40 1.63 0.00	45.56 1.80 0.02	46.51 1.87 0.00	52.57 2.64 0.78	61.81 3.61 1.02	66.37 3.79 0.60	60.57 3.27 0.05	50.38 2.35 0.00	47.03 1.63 0.00	40.42 1.48 0.00	35.77 1.51 0.00	32.94 1.24 0.00
MOHICAN___35_KV_115KV_LD 80490	28.04 1.51 0.00	26.05 1.40 0.00	25.54 1.38 0.00	24.82 1.34 0.00	24.53 1.28 0.00	25.91 1.51 0.00	26.82 1.52 0.00	30.95 1.72 0.00	33.49 2.09 0.24	35.41 2.10 0.53	35.58 1.82 0.00	39.07 1.90 0.18	42.97 2.20 0.00	46.18 2.41 0.02	47.14 2.50 0.00	53.20 3.30 0.81	63.01 4.86 1.07	67.80 5.24 0.63	62.41 5.11 0.06	52.01 3.99 0.00	48.44 3.04 0.00	41.55 2.61 0.00	36.53 2.26 0.00	33.54 1.84 0.00
MONGAUP___HYD 23641	27.96 1.43 0.00	26.00 1.35 0.00	25.40 1.23 0.00	24.63 1.15 0.00	24.30 1.05 0.00	25.47 1.07 0.00	26.54 1.24 0.00	30.57 1.34 0.00	33.37 1.58 -0.15	35.95 1.76 -0.35	35.35 1.59 0.00	39.14 1.68 -0.12	42.60 1.84 0.00	45.86 2.06 -0.01	46.69 2.05 0.00	54.09 2.84 -0.53	63.05 3.14 -0.70	66.94 3.35 -0.41	60.15 2.75 -0.04	49.99 1.97 0.00	47.26 1.86 0.00	40.89 1.95 0.00	36.01 1.75 0.00	33.22 1.52 0.00
MONTAUK___DIESEL 23721	37.20 4.22 -6.45	36.11 4.16 -7.30	34.29 4.01 -6.12	30.73 3.78 -3.46	30.98 3.65 -4.08	32.76 3.85 -4.51	34.59 4.28 -5.01	35.53 4.76 -1.55	39.00 5.63 -1.73	41.23 6.30 -1.09	43.19 6.38 -3.05	44.73 6.65 -0.75	52.47 7.62 -4.08	51.79 7.97 -0.03	62.51 8.03 -9.84	80.35 9.64 -20.00	95.36 11.13 -25.01	118.50 11.69 -43.63	102.90 10.38 -35.16	115.00 7.40 -59.59	60.86 6.45 -9.02	48.03 6.07 -3.01	41.12 5.04 -1.81	36.69 4.95 -0.04
MOONROAD_115KV_HARTFLD_TB1-2 355988	29.40 2.87 0.00	27.21 2.56 0.00	26.31 2.15 0.00	25.36 1.88 0.00	25.16 1.91 0.00	26.64 2.24 0.00	27.93 2.63 0.00	32.23 3.01 0.00	34.29 2.66 0.00	36.45 2.61 0.00	36.90 3.14 0.00	40.89 3.55 0.00	44.84 4.08 0.00	47.25 3.46 0.00	48.48 3.84 0.00	55.28 4.56 0.00	64.55 5.33 0.00	69.68 5.69 -0.81	62.72 5.22 -0.14	53.40 5.38 0.00	49.93 4.54 0.00	42.91 3.97 0.00	37.38 3.12 0.00	35.00 3.30 0.00
MORTIMER_115KV_TB3 55949	27.78 1.25 0.00	25.70 1.06 0.00	24.99 0.82 0.00	24.14 0.66 0.00	23.95 0.70 0.00	25.20 0.81 0.00	26.29 0.99 0.00	30.30 1.08 0.00	32.30 0.66 0.00	34.42 0.58 0.00	34.64 0.88 0.00	38.46 1.12 0.00	42.03 1.26 0.00	45.07 1.45 0.16	46.23 1.79 0.19	52.60 2.33 0.45	61.37 2.66 0.52	66.44 3.03 -0.23	59.67 2.70 0.38	50.86 3.17 0.33	47.48 2.09 0.00	40.58 1.64 0.00	35.53 1.27 0.00	33.22 1.52 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	28.57 2.04 0.00	26.54 1.90 0.00	25.93 1.76 0.00	25.10 1.62 0.00	24.74 1.49 0.00	25.96 1.56 0.00	27.17 1.87 0.00	31.47 2.25 0.00	34.43 2.59 -0.20	37.23 2.94 -0.44	36.43 2.67 0.00	40.36 2.88 -0.15	43.95 3.18 0.00	47.18 3.37 -0.02	48.03 3.39 0.00	56.36 4.97 -0.67	66.14 6.04 -0.88	70.09 6.38 -0.52	62.51 5.11 -0.05	51.00 2.98 0.00	47.57 2.18 0.00	41.32 2.38 0.00	36.49 2.23 0.00	33.70 2.00 0.00
MUNSVILLE_WIND_PWR 323609	29.00 2.47 0.00	26.81 2.17 0.00	26.29 2.13 0.00	25.53 2.04 0.00	25.42 2.16 0.00	26.76 2.37 0.00	27.91 2.61 0.00	32.20 2.98 0.00	34.64 3.01 0.00	36.89 3.05 0.00	37.24 3.48 0.00	41.29 3.96 0.00	45.05 4.28 0.00	48.69 4.64 -0.26	49.42 4.46 -0.32	57.22 5.78 -0.72	67.16 7.10 -0.84	73.03 8.03 -1.82	67.37 9.01 -1.01	56.76 8.21 -0.53	53.02 7.62 0.00	44.43 5.49 0.00	38.44 4.18 0.00	35.28 3.58 0.00
N SALMON___HYD 24042	25.58 -0.95 0.00	23.78 -0.86 0.00	23.37 -0.80 0.00	22.78 -0.70 0.00	22.74 -0.51 0.00	23.93 -0.46 0.00	24.80 -0.51 0.00	28.81 -0.41 0.00	31.45 -0.19 0.00	33.71 -0.13 0.00	33.63 -0.13 0.00	37.23 -0.11 0.00	40.48 -0.28 0.00	43.57 -0.22 0.00	44.33 -0.31 0.00	49.40 -1.32 0.00	56.97 -2.25 0.00	51.79 -2.40 8.99	54.22 -1.55 1.59	47.64 -0.39 0.00	45.53 0.14 0.00	38.86 -0.08 0.00	33.89 -0.38 0.00	31.13 -0.57 0.00
N.AKRON___115KV_KNAPP 355671	28.65 2.12 0.00	26.49 1.85 0.00	25.69 1.52 0.00	24.75 1.27 0.00	24.55 1.30 0.00	25.88 1.49 0.00	27.00 1.70 0.00	30.95 1.72 0.00	32.59 0.95 0.00	34.62 0.78 0.00	34.94 1.18 0.00	38.76 1.42 0.00	42.40 1.63 0.00	45.06 1.40 0.13	46.26 1.79 0.16	52.53 2.18 0.36	61.40 2.61 0.42	66.54 3.03 -0.32	59.77 2.70 0.29	51.31 3.55 0.27	47.94 2.54 0.00	41.08 2.14 0.00	35.91 1.64 0.00	33.79 2.09 0.00
N.BELMOR_69_KV_BK1 55787	35.60 2.63 -6.45	34.36 2.42 -7.30	32.55 2.27 -6.12	29.08 2.14 -3.46	29.33 2.00 -4.08	31.03 2.12 -4.51	32.72 2.40 -5.01	33.60 2.83 -1.55	36.60 3.23 -1.73	38.49 3.55 -1.09	39.50 3.31 -2.44	40.88 3.40 -0.15	46.08 3.83 -1.48	47.88 4.07 -0.02	52.48 4.15 -3.69	56.82 5.43 -0.67	66.44 6.34 -0.88	70.28 6.57 -0.52	63.03 5.62 -0.05	51.62 3.60 0.00	48.34 2.95 0.00	42.09 3.15 0.00	37.07 2.81 0.00	34.44 2.69 -0.04
N.E._GEN_SANDY PD 24062	27.75 1.22 0.00	25.83 1.18 0.00	25.32 1.16 0.00	24.63 1.15 0.00	24.30 1.05 0.00	25.47 1.07 0.00	26.36 1.06 0.00	30.36 1.14 0.00	31.40 1.36 1.60	31.85 1.59 3.59	35.18 1.42 0.00	37.60 1.45 1.19	42.40 1.63 0.00	45.40 1.75 0.14	46.73 1.79 -0.31	47.64 2.74 5.81	55.50 3.49 7.21	62.59 3.66 4.26	59.90 2.92 0.38	49.89 1.87 0.00	46.71 1.32 0.00	40.15 1.21 0.00	35.60 1.33 0.00	32.84 1.14 0.00

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	28.25 1.72 0.00	26.25 1.60 0.00	25.61 1.45 0.00	24.85 1.36 0.00	24.49 1.23 0.00	25.69 1.29 0.00	26.85 1.54 0.00	30.97 1.75 0.00	33.84 2.02 -0.18	36.51 2.27 -0.40	35.89 2.13 0.00	39.75 2.28 -0.13	43.34 2.57 0.00	46.61 2.80 -0.02	47.45 2.81 0.00	55.54 4.21 -0.61	65.17 5.15 -0.80	69.03 5.37 -0.47	61.70 4.30 -0.04	50.57 2.55 0.00	47.16 1.77 0.00	40.89 1.95 0.00	36.08 1.82 0.00	33.28 1.58 0.00
N.QUEENS_27_KV_LOAD 356247	28.85 2.31 -0.01	26.80 2.14 -0.01	26.15 1.98 -0.01	25.32 1.83 -0.01	24.93 1.67 0.00	26.13 1.73 0.00	27.45 2.15 0.00	31.71 2.48 0.00	34.66 2.82 -0.20	37.27 2.98 -0.45	36.57 2.80 -0.01	40.32 2.84 -0.15	43.78 3.02 0.00	47.00 3.20 -0.02	47.94 3.30 0.00	56.36 4.97 -0.67	66.26 6.16 -0.88	70.34 6.63 -0.52	62.63 5.22 -0.05	50.75 2.74 0.01	47.20 1.82 0.01	41.16 2.22 0.00	36.66 2.40 0.00	33.82 2.12 0.00
N.TROY___115KV_TB1 355778	27.64 1.11 0.00	25.70 1.06 0.00	25.23 1.06 0.00	24.56 1.08 0.00	24.25 1.00 0.00	25.44 1.05 0.00	26.31 1.01 0.00	30.33 1.11 0.00	32.67 1.33 0.30	34.59 1.42 0.67	35.11 1.35 0.00	38.50 1.38 0.22	42.32 1.55 0.00	45.43 1.66 0.03	46.38 1.74 0.00	52.22 2.54 1.03	61.24 3.38 1.35	65.92 3.54 0.80	60.33 3.04 0.07	50.23 2.21 0.00	46.94 1.54 0.00	40.34 1.40 0.00	35.70 1.44 0.00	32.90 1.20 0.00
NARROWS_GT1_1 24228	28.87 2.34 -0.01	26.80 2.14 -0.01	26.15 1.98 0.00	25.29 1.81 0.00	24.90 1.65 0.00	26.10 1.71 0.00	27.38 2.08 0.00	31.68 2.45 0.00	34.72 2.88 -0.20	37.65 3.35 -0.45	36.74 2.97 -0.01	40.66 3.17 -0.15	44.15 3.38 0.00	47.35 3.55 -0.02	48.16 3.53 0.00	81.62 5.27 -25.63	81.53 6.51 -15.80	78.02 6.89 -7.95	101.73 5.45 -38.92	50.99 2.98 0.01	47.66 2.27 0.01	41.55 2.61 0.00	36.77 2.50 0.00	33.86 2.16 0.00
NARROWS_GT1_2 24229	28.87 2.34 -0.01	26.80 2.14 -0.01	26.15 1.98 0.00	25.29 1.81 0.00	24.90 1.65 0.00	26.10 1.71 0.00	27.38 2.08 0.00	31.68 2.45 0.00	34.72 2.88 -0.20	37.65 3.35 -0.45	36.74 2.97 -0.01	40.66 3.17 -0.15	44.15 3.38 0.00	47.35 3.55 -0.02	48.16 3.53 0.00	81.62 5.27 -25.63	81.53 6.51 -15.80	78.02 6.89 -7.95	101.73 5.45 -38.92	50.99 2.98 0.01	47.66 2.27 0.01	41.55 2.61 0.00	36.77 2.50 0.00	33.86 2.16 0.00
NARROWS_GT1_3 24230	28.87 2.34 -0.01	26.80 2.14 -0.01	26.15 1.98 0.00	25.29 1.81 0.00	24.90 1.65 0.00	26.10 1.71 0.00	27.38 2.08 0.00	31.68 2.45 0.00	34.72 2.88 -0.20	37.65 3.35 -0.45	36.74 2.97 -0.01	40.66 3.17 -0.15	44.15 3.38 0.00	47.35 3.55 -0.02	48.16 3.53 0.00	81.62 5.27 -25.63	81.53 6.51 -15.80	78.02 6.89 -7.95	101.73 5.45 -38.92	50.99 2.98 0.01	47.66 2.27 0.01	41.55 2.61 0.00	36.77 2.50 0.00	33.86 2.16 0.00
NARROWS_GT1_4 24231	28.87 2.34 -0.01	26.80 2.14 -0.01	26.15 1.98 0.00	25.29 1.81 0.00	24.90 1.65 0.00	26.10 1.71 0.00	27.38 2.08 0.00	31.68 2.45 0.00	34.72 2.88 -0.20	37.65 3.35 -0.45	36.74 2.97 -0.01	40.66 3.17 -0.15	44.15 3.38 0.00	47.35 3.55 -0.02	48.16 3.53 0.00	81.62 5.27 -25.63	81.53 6.51 -15.80	78.02 6.89 -7.95	101.73 5.45 -38.92	50.99 2.98 0.01	47.66 2.27 0.01	41.55 2.61 0.00	36.77 2.50 0.00	33.86 2.16 0.00
NARROWS_GT1_5 24232	28.87 2.34 -0.01	26.80 2.14 -0.01	26.15 1.98 0.00	25.29 1.81 0.00	24.90 1.65 0.00	26.10 1.71 0.00	27.38 2.08 0.00	31.68 2.45 0.00	34.72 2.88 -0.20	37.65 3.35 -0.45	36.74 2.97 -0.01	40.66 3.17 -0.15	44.15 3.38 0.00	47.35 3.55 -0.02	48.16 3.53 0.00	81.62 5.27 -25.63	81.53 6.51 -15.80	78.02 6.89 -7.95	101.73 5.45 -38.92	50.99 2.98 0.01	47.66 2.27 0.01	41.55 2.61 0.00	36.77 2.50 0.00	33.86 2.16 0.00
NARROWS_GT1_6 24233	28.87 2.34 -0.01	26.80 2.14 -0.01	26.15 1.98 0.00	25.29 1.81 0.00	24.90 1.65 0.00	26.10 1.71 0.00	27.38 2.08 0.00	31.68 2.45 0.00	34.72 2.88 -0.20	37.65 3.35 -0.45	36.74 2.97 -0.01	40.66 3.17 -0.15	44.15 3.38 0.00	47.35 3.55 -0.02	48.16 3.53 0.00	81.62 5.27 -25.63	81.53 6.51 -15.80	78.02 6.89 -7.95	101.73 5.45 -38.92	50.99 2.98 0.01	47.66 2.27 0.01	41.55 2.61 0.00	36.77 2.50 0.00	33.86 2.16 0.00
NARROWS_GT1_7 24234	28.87 2.34 -0.01	26.80 2.14 -0.01	26.15 1.98 0.00	25.29 1.81 0.00	24.90 1.65 0.00	26.10 1.71 0.00	27.38 2.08 0.00	31.68 2.45 0.00	34.72 2.88 -0.20	37.65 3.35 -0.45	36.74 2.97 -0.01	40.66 3.17 -0.15	44.15 3.38 0.00	47.35 3.55 -0.02	48.16 3.53 0.00	81.62 5.27 -25.63	81.53 6.51 -15.80	78.02 6.89 -7.95	101.73 5.45 -38.92	50.99 2.98 0.01	47.66 2.27 0.01	41.55 2.61 0.00	36.77 2.50 0.00	33.86 2.16 0.00
NARROWS_GT1_8 24235	28.87 2.34 -0.01	26.80 2.14 -0.01	26.15 1.98 0.00	25.29 1.81 0.00	24.90 1.65 0.00	26.10 1.71 0.00	27.38 2.08 0.00	31.68 2.45 0.00	34.72 2.88 -0.20	37.65 3.35 -0.45	36.74 2.97 -0.01	40.66 3.17 -0.15	44.15 3.38 0.00	47.35 3.55 -0.02	48.16 3.53 0.00	81.62 5.27 -25.63	81.53 6.51 -15.80	78.02 6.89 -7.95	101.73 5.45 -38.92	50.99 2.98 0.01	47.66 2.27 0.01	41.55 2.61 0.00	36.77 2.50 0.00	33.86 2.16 0.00
NARROWS_GT2_1 24236	28.87 2.34 -0.01	26.80 2.14 -0.01	26.15 1.98 0.00	25.29 1.81 0.00	24.90 1.65 0.00	26.10 1.71 0.00	27.38 2.08 0.00	31.68 2.45 0.00	34.72 2.88 -0.20	37.65 3.35 -0.45	36.74 2.97 -0.01	40.66 3.17 -0.15	44.15 3.38 0.00	47.35 3.55 -0.02	48.16 3.53 0.00	81.62 5.27 -25.63	81.53 6.51 -15.80	78.02 6.89 -7.95	101.73 5.45 -38.92	50.99 2.98 0.01	47.66 2.27 0.01	41.55 2.61 0.00	36.77 2.50 0.00	33.86 2.16 0.00
NARROWS_GT2_2 24237	28.87 2.34 -0.01	26.80 2.14 -0.01	26.15 1.98 0.00	25.29 1.81 0.00	24.90 1.65 0.00	26.10 1.71 0.00	27.38 2.08 0.00	31.68 2.45 0.00	34.72 2.88 -0.20	37.65 3.35 -0.45	36.74 2.97 -0.01	40.66 3.17 -0.15	44.15 3.38 0.00	47.35 3.55 -0.02	48.16 3.53 0.00	81.62 5.27 -25.63	81.53 6.51 -15.80	78.02 6.89 -7.95	101.73 5.45 -38.92	50.99 2.98 0.01	47.66 2.27 0.01	41.55 2.61 0.00	36.77 2.50 0.00	33.86 2.16 0.00
NARROWS_GT2_3 24238	28.87 2.34 -0.01	26.80 2.14 -0.01	26.15 1.98 0.00	25.29 1.81 0.00	24.90 1.65 0.00	26.10 1.71 0.00	27.38 2.08 0.00	31.68 2.45 0.00	34.72 2.88 -0.20	37.65 3.35 -0.45	36.74 2.97 -0.01	40.66 3.17 -0.15	44.15 3.38 0.00	47.35 3.55 -0.02	48.16 3.53 0.00	81.62 5.27 -25.63	81.53 6.51 -15.80	78.02 6.89 -7.95	101.73 5.45 -38.92	50.99 2.98 0.01	47.66 2.27 0.01	41.55 2.61 0.00	36.77 2.50 0.00	33.86 2.16 0.00
NARROWS_GT2_4 24239	28.87 2.34 -0.01	26.80 2.14 -0.01	26.15 1.98 0.00	25.29 1.81 0.00	24.90 1.65 0.00	26.10 1.71 0.00	27.38 2.08 0.00	31.68 2.45 0.00	34.72 2.88 -0.20	37.65 3.35 -0.45	36.74 2.97 -0.01	40.66 3.17 -0.15	44.15 3.38 0.00	47.35 3.55 -0.02	48.16 3.53 0.00	81.62 5.27 -25.63	81.53 6.51 -15.80	78.02 6.89 -7.95	101.73 5.45 -38.92	50.99 2.98 0.01	47.66 2.27 0.01	41.55 2.61 0.00	36.77 2.50 0.00	33.86 2.16 0.00

NARROWS_GT2_5 24240	28.87 2.34 -0.01	26.80 2.14 -0.01	26.15 1.98 0.00	25.29 1.81 0.00	24.90 1.65 0.00	26.10 1.71 0.00	27.38 2.08 0.00	31.68 2.45 0.00	34.72 2.88 -0.20	37.65 3.35 -0.45	36.74 2.97 -0.01	40.66 3.17 -0.15	44.15 3.38 0.00	47.35 3.55 -0.02	48.16 3.53 0.00	81.62 5.27 -25.63	81.53 6.51 -15.80	78.02 6.89 -7.95	101.73 5.45 -38.92	50.99 2.98 0.01	47.66 2.27 0.01	41.55 2.61 0.00	36.77 2.50 0.00	33.86 2.16 0.00
NARROWS_GT2_6 24241	28.87 2.34 -0.01	26.80 2.14 -0.01	26.15 1.98 0.00	25.29 1.81 0.00	24.90 1.65 0.00	26.10 1.71 0.00	27.38 2.08 0.00	31.68 2.45 0.00	34.72 2.88 -0.20	37.65 3.35 -0.45	36.74 2.97 -0.01	40.66 3.17 -0.15	44.15 3.38 0.00	47.35 3.55 -0.02	48.16 3.53 0.00	81.62 5.27 -25.63	81.53 6.51 -15.80	78.02 6.89 -7.95	101.73 5.45 -38.92	50.99 2.98 0.01	47.66 2.27 0.01	41.55 2.61 0.00	36.77 2.50 0.00	33.86 2.16 0.00
NARROWS_GT2_7 24242	28.87 2.34 -0.01	26.80 2.14 -0.01	26.15 1.98 0.00	25.29 1.81 0.00	24.90 1.65 0.00	26.10 1.71 0.00	27.38 2.08 0.00	31.68 2.45 0.00	34.72 2.88 -0.20	37.65 3.35 -0.45	36.74 2.97 -0.01	40.66 3.17 -0.15	44.15 3.38 0.00	47.35 3.55 -0.02	48.16 3.53 0.00	81.62 5.27 -25.63	81.53 6.51 -15.80	78.02 6.89 -7.95	101.73 5.45 -38.92	50.99 2.98 0.01	47.66 2.27 0.01	41.55 2.61 0.00	36.77 2.50 0.00	33.86 2.16 0.00
NARROWS_GT2_8 24243	28.87 2.34 -0.01	26.80 2.14 -0.01	26.15 1.98 0.00	25.29 1.81 0.00	24.90 1.65 0.00	26.10 1.71 0.00	27.38 2.08 0.00	31.68 2.45 0.00	34.72 2.88 -0.20	37.65 3.35 -0.45	36.74 2.97 -0.01	40.66 3.17 -0.15	44.15 3.38 0.00	47.35 3.55 -0.02	48.16 3.53 0.00	81.62 5.27 -25.63	81.53 6.51 -15.80	78.02 6.89 -7.95	101.73 5.45 -38.92	50.99 2.98 0.01	47.66 2.27 0.01	41.55 2.61 0.00	36.77 2.50 0.00	33.86 2.16 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	27.72 1.19 0.00	25.73 1.08 0.00	25.25 1.09 0.00	24.56 1.08 0.00	24.18 0.93 0.00	25.37 0.98 0.00	26.29 0.99 0.00	30.10 0.88 0.00	32.90 1.36 0.10	35.00 1.39 0.23	34.77 1.01 0.00	38.61 1.34 0.08	41.62 0.86 0.00	44.83 1.05 0.01	45.80 1.16 0.00	52.60 2.23 0.35	61.95 3.20 0.46	66.13 3.22 0.27	60.26 2.93 0.02	49.94 1.92 0.00	46.76 1.36 0.00	40.26 1.32 0.00	35.91 1.64 0.00	33.06 1.36 0.00
NCHELSEA_115KV_TR2 355582	28.36 1.83 0.00	26.35 1.70 0.00	25.73 1.57 0.00	24.94 1.46 0.00	24.53 1.28 0.00	25.69 1.29 0.00	26.82 1.52 0.00	30.92 1.69 0.00	33.78 1.99 -0.15	36.41 2.23 -0.33	35.89 2.13 0.00	39.72 2.28 -0.11	43.34 2.57 0.00	46.65 2.85 -0.01	47.54 2.90 0.00	55.53 4.31 -0.50	65.15 5.27 -0.66	69.01 5.43 -0.39	61.93 4.53 -0.04	50.81 2.79 0.00	47.53 2.13 0.00	41.20 2.26 0.00	36.32 2.06 0.00	33.54 1.84 0.00
NEG CAPITAL___MECHNVIL 23645	28.04 1.51 0.00	26.05 1.40 0.00	25.54 1.38 0.00	24.85 1.36 0.00	24.55 1.30 0.00	25.83 1.44 0.00	26.72 1.42 0.00	30.83 1.61 0.00	33.27 1.90 0.26	35.29 2.03 0.59	35.65 1.89 0.00	39.16 2.01 0.20	43.05 2.28 0.00	46.26 2.49 0.02	47.23 2.59 0.00	53.27 3.45 0.90	62.78 4.74 1.18	67.54 5.06 0.70	61.89 4.59 0.06	51.58 3.55 0.00	48.12 2.72 0.00	41.24 2.30 0.00	36.39 2.13 0.00	33.47 1.77 0.00
NEG CENTRAL_HIGH_ACRES 23767	27.11 0.58 0.00	25.06 0.42 0.00	24.41 0.24 0.00	23.60 0.12 0.00	23.42 0.16 0.00	24.66 0.27 0.00	25.73 0.43 0.00	29.66 0.44 0.00	31.73 0.10 0.00	33.75 -0.10 0.00	34.06 0.30 0.00	37.79 0.45 0.00	41.34 0.57 0.00	44.53 0.74 0.00	45.62 0.98 0.00	52.29 1.57 0.00	60.94 1.72 0.00	66.09 1.96 -0.95	59.31 1.78 -0.17	50.47 2.45 0.00	46.66 1.27 0.00	39.84 0.90 0.00	34.78 0.51 0.00	32.52 0.82 0.00
NEG CENTRAL___DRP 24199	27.38 0.85 0.00	25.36 0.71 0.00	24.72 0.56 0.00	23.95 0.47 0.00	23.76 0.51 0.00	25.05 0.66 0.00	26.06 0.76 0.00	30.13 0.91 0.00	32.30 0.66 0.00	34.42 0.58 0.00	34.64 0.88 0.00	38.38 1.05 0.00	41.91 1.14 0.00	45.35 1.23 -0.34	46.43 1.38 -0.41	53.57 1.93 -0.93	62.60 2.31 -1.07	68.25 2.72 -2.35	61.35 2.70 -1.29	51.25 2.55 -0.68	47.35 1.95 0.00	40.38 1.44 0.00	35.29 1.03 0.00	32.78 1.08 0.00
NEG CENTRAL___INDECK 23768	28.92 2.39 0.00	26.72 2.07 0.00	25.95 1.79 0.00	25.08 1.60 0.00	24.88 1.63 0.00	26.25 1.85 0.00	27.43 2.13 0.00	31.53 2.31 0.00	33.41 1.77 0.00	35.20 1.36 0.00	35.48 1.72 0.00	39.28 1.94 0.00	41.38 0.61 0.00	44.14 0.35 0.00	45.62 0.98 0.00	52.39 1.67 0.00	61.35 2.13 0.00	66.78 2.78 -0.82	60.72 3.21 -0.15	52.44 4.42 0.00	48.75 3.36 0.00	41.66 2.72 0.00	37.14 2.88 0.00	34.74 3.04 0.00
NEG CENTRAL___SENECA 23627	27.72 1.19 0.00	25.66 1.01 0.00	24.96 0.80 0.00	24.19 0.70 0.00	24.00 0.74 0.00	25.32 0.93 0.00	26.36 1.06 0.00	30.51 1.29 0.00	32.62 0.98 0.00	34.73 0.88 0.00	34.94 1.18 0.00	38.72 1.38 0.00	42.32 1.55 0.00	45.41 1.62 0.00	46.38 1.74 0.00	53.10 2.38 0.00	62.12 2.90 0.00	67.53 3.41 -0.93	60.85 3.33 -0.17	51.19 3.17 0.00	47.80 2.41 0.00	40.81 1.87 0.00	35.64 1.37 0.00	33.09 1.39 0.00
NEG CENTRAL___STATE_STREET 24147	27.41 0.88 0.00	25.41 0.76 0.00	24.79 0.63 0.00	24.05 0.56 0.00	23.88 0.63 0.00	25.10 0.71 0.00	26.09 0.78 0.00	30.16 0.94 0.00	32.43 0.79 0.00	34.62 0.78 0.00	34.54 0.78 0.00	38.31 0.97 0.00	41.87 1.10 0.00	45.60 1.27 -0.54	47.11 1.83 -0.64	54.57 2.38 -1.47	63.70 2.78 -1.70	69.61 3.22 -3.21	62.47 3.15 -1.95	51.84 2.74 -1.08	47.66 2.27 0.00	40.61 1.67 0.00	35.50 1.23 0.00	32.90 1.20 0.00
NEG MILLWOOD___DRP 24198	28.60 2.07 0.00	26.57 1.92 0.00	25.98 1.81 0.00	25.08 1.60 0.00	24.67 1.42 0.00	25.88 1.49 0.00	27.00 1.70 0.00	31.41 2.19 0.00	34.37 2.56 -0.17	37.07 2.84 -0.38	36.56 2.80 0.00	40.45 2.99 -0.13	44.15 3.38 0.00	47.48 3.68 -0.01	48.39 3.75 0.00	56.62 5.33 -0.58	66.49 6.51 -0.76	70.45 6.82 -0.45	63.14 5.74 -0.04	51.72 3.70 0.00	48.07 2.68 0.00	41.70 2.76 0.00	36.66 2.40 0.00	33.86 2.16 0.00
NEG NORTH_FLCN_SEA 23793	25.87 -0.66 0.00	24.10 -0.54 0.00	23.68 -0.48 0.00	23.08 -0.40 0.00	23.07 -0.19 0.00	24.30 -0.10 0.00	25.18 -0.13 0.00	29.28 0.06 0.00	31.95 0.32 0.00	34.32 0.47 0.00	34.10 0.34 0.00	37.71 0.37 0.00	41.01 0.24 0.00	44.18 0.39 0.00	45.04 0.40 0.00	50.31 -0.41 0.00	58.03 -1.18 0.00	56.51 -0.95 5.72	56.06 -0.29 1.01	48.55 0.53 0.00	46.26 0.86 0.00	39.45 0.51 0.00	34.40 0.14 0.00	31.67 -0.03 0.00
NEG NORTH_KES_CHATEGAY 23792	25.58 -0.96 0.00	23.81 -0.84 0.00	23.39 -0.77 0.00	22.83 -0.66 0.00	22.76 -0.49 0.00	23.98 -0.41 0.00	24.87 -0.43 0.00	28.90 -0.32 0.00	31.54 -0.09 0.00	33.85 0.00 0.00	33.66 -0.10 0.00	37.23 -0.11 0.00	40.48 -0.29 0.00	43.57 -0.22 0.00	44.37 -0.27 0.00	49.55 -1.17 0.00	57.20 -2.01 0.00	54.69 -1.90 6.60	55.05 -1.15 1.17	47.78 -0.24 0.00	45.62 0.23 0.00	38.90 -0.04 0.00	33.96 -0.31 0.00	31.26 -0.44 0.00



NEG NORTH___ALICE_FALLS 23915	25.81 -0.72 0.00	24.03 -0.62 0.00	23.61 -0.56 0.00	23.04 -0.45 0.00	23.02 -0.23 0.00	24.22 -0.17 0.00	25.13 -0.18 0.00	29.19 -0.03 0.00	31.86 0.22 0.00	34.22 0.37 0.00	34.00 0.24 0.00	37.64 0.30 0.00	40.93 0.16 0.00	44.10 0.31 0.00	44.95 0.31 0.00	50.21 -0.51 0.00	57.86 -1.36 0.00	56.25 -1.07 5.86	55.92 -0.40 1.04	48.50 0.48 0.00	46.26 0.86 0.00	39.41 0.47 0.00	34.33 0.07 0.00	31.60 -0.10 0.00
NEG NORTH___LWR_SARANAC 23913	25.81 -0.72 0.00	24.03 -0.62 0.00	23.61 -0.56 0.00	23.04 -0.45 0.00	23.02 -0.23 0.00	24.22 -0.17 0.00	25.13 -0.18 0.00	29.19 -0.03 0.00	31.86 0.22 0.00	34.22 0.37 0.00	34.00 0.24 0.00	37.64 0.30 0.00	40.93 0.16 0.00	44.10 0.31 0.00	44.95 0.31 0.00	50.21 -0.51 0.00	57.86 -1.36 0.00	56.25 -1.07 5.86	55.92 -0.40 1.04	48.50 0.48 0.00	46.26 0.86 0.00	39.41 0.47 0.00	34.33 0.07 0.00	31.60 -0.10 0.00
NEG NORTH___PLATTSBURG 23628	25.82 -0.72 0.00	24.03 -0.62 0.00	23.61 -0.55 0.00	23.04 -0.45 0.00	23.02 -0.23 0.00	24.23 -0.17 0.00	25.13 -0.18 0.00	29.19 -0.03 0.00	31.86 0.22 0.00	34.15 0.30 0.00	34.00 0.24 0.00	37.64 0.30 0.00	40.93 0.16 0.00	44.10 0.31 0.00	44.95 0.31 0.00	50.21 -0.51 0.00	57.86 -1.36 0.00	56.12 -1.20 5.86	55.92 -0.40 1.04	48.40 0.38 0.00	46.16 0.77 0.00	39.41 0.47 0.00	34.37 0.10 0.00	31.60 -0.09 0.00
NEG WEST_LEA_LOCKPORT 23791	28.31 1.78 0.00	26.17 1.53 0.00	25.40 1.23 0.00	24.47 0.99 0.00	24.23 0.98 0.00	25.54 1.15 0.00	26.67 1.37 0.00	30.45 1.23 0.00	31.92 0.28 0.00	33.95 0.10 0.00	34.23 0.47 0.00	37.97 0.63 0.00	41.46 0.69 0.00	43.93 0.26 0.13	45.16 0.67 0.15	51.23 0.86 0.35	59.94 1.13 0.40	64.91 1.39 -0.34	58.30 1.20 0.27	49.98 2.21 0.25	46.71 1.32 0.00	40.15 1.21 0.00	35.12 0.86 0.00	33.13 1.43 0.00
NEG WEST___LANCASTR 23811	28.31 1.78 0.00	26.20 1.55 0.00	25.37 1.21 0.00	24.47 0.99 0.00	24.25 1.00 0.00	25.64 1.24 0.00	26.82 1.52 0.00	30.74 1.52 0.00	32.74 1.11 0.00	34.79 0.95 0.00	35.14 1.38 0.00	38.91 1.57 0.00	42.52 1.75 0.00	44.05 0.26 0.00	45.26 0.62 0.00	51.68 0.96 0.00	60.52 1.30 0.00	65.50 1.52 -0.80	58.82 1.32 -0.14	49.94 1.92 0.00	47.71 2.32 0.00	41.04 2.10 0.00	35.84 1.58 0.00	33.67 1.97 0.00
NEG_PENN_ALLEGHNY 23528	27.54 1.01 0.00	25.53 0.89 0.00	24.94 0.77 0.00	24.19 0.70 0.00	23.95 0.70 0.00	25.20 0.80 0.00	26.21 0.91 0.00	30.30 1.08 0.00	32.62 0.98 0.00	34.79 0.95 0.00	34.94 1.18 0.00	38.68 1.34 0.00	42.28 1.51 0.00	45.44 1.44 -0.21	46.45 1.56 -0.25	53.52 2.23 -0.57	62.61 2.73 -0.66	67.02 3.03 -0.81	60.91 2.87 -0.68	51.08 2.64 -0.42	47.44 2.04 0.00	40.65 1.71 0.00	35.57 1.30 0.00	32.93 1.24 0.00
NEG___GEN_MONROE 24207	27.91 1.38 0.00	25.83 1.18 0.00	25.08 0.92 0.00	24.24 0.75 0.00	24.02 0.77 0.00	25.32 0.93 0.00	26.44 1.14 0.00	30.42 1.20 0.00	32.36 0.73 0.00	34.46 0.61 0.00	34.67 0.91 0.00	38.57 1.23 0.00	42.11 1.35 0.00	45.12 1.49 0.16	46.18 1.74 0.19	52.56 2.28 0.44	61.13 2.43 0.51	66.26 2.84 -0.23	59.51 2.52 0.38	50.77 3.07 0.33	47.48 2.09 0.00	40.58 1.64 0.00	35.53 1.27 0.00	33.41 1.71 0.00
NEPA___ENERGY 23901	28.55 2.02 0.00	26.47 1.82 0.00	25.61 1.45 0.00	24.71 1.22 0.00	24.49 1.23 0.00	25.88 1.49 0.00	27.10 1.80 0.00	31.21 1.99 0.00	33.25 1.61 0.00	35.30 1.46 0.00	35.65 1.89 0.00	39.50 2.17 0.00	43.17 2.41 0.00	45.63 1.84 0.00	46.91 2.28 0.00	53.56 2.84 0.00	62.65 3.43 0.00	67.84 3.85 -0.80	61.00 3.50 -0.14	51.72 3.70 0.00	48.39 3.00 0.00	41.63 2.69 0.00	36.36 2.09 0.00	33.92 2.22 0.00
NEVERSINK___HYD 23608	28.25 1.72 0.00	26.22 1.58 0.00	25.61 1.45 0.00	24.82 1.34 0.00	24.46 1.21 0.00	25.59 1.20 0.00	26.72 1.42 0.00	30.77 1.55 0.00	33.53 1.80 -0.09	36.09 2.03 -0.21	35.75 1.99 0.00	39.57 2.16 -0.07	43.25 2.49 0.00	46.51 2.72 -0.01	47.32 2.68 0.00	55.00 3.96 -0.32	64.50 4.86 -0.42	68.49 5.06 -0.25	61.74 4.36 -0.02	50.81 2.78 0.00	47.75 2.36 0.00	41.20 2.26 0.00	36.22 1.95 0.00	33.38 1.68 0.00
NEWKRMKL_115KV_TB1 55635	27.22 0.69 0.00	25.31 0.67 0.00	24.86 0.70 0.00	24.21 0.73 0.00	23.90 0.65 0.00	25.08 0.68 0.00	25.93 0.63 0.00	29.89 0.67 0.00	32.34 0.92 0.21	34.35 0.98 0.48	34.67 0.91 0.00	38.11 0.93 0.16	41.71 0.94 0.00	44.82 1.05 0.02	45.71 1.07 0.00	51.76 1.78 0.73	60.75 2.49 0.96	65.15 2.53 0.56	59.37 2.06 0.05	49.37 1.34 0.00	46.17 0.77 0.00	39.68 0.74 0.00	35.19 0.93 0.00	32.43 0.73 0.00
NEWTON___FALLS_HYD 23847	26.00 -0.53 0.00	24.13 -0.52 0.00	23.66 -0.51 0.00	23.01 -0.47 0.00	22.90 -0.35 0.00	24.05 -0.34 0.00	24.92 -0.38 0.00	28.81 -0.41 0.00	31.23 -0.41 0.00	33.37 -0.47 0.00	33.29 -0.47 0.00	36.93 -0.41 0.00	40.28 -0.49 0.00	43.54 -0.48 -0.24	44.12 -0.80 -0.28	49.98 -1.32 -0.58	58.00 -1.89 -0.67	92.67 -2.27 -31.76	62.21 -1.32 -6.17	48.45 0.00 -0.43	45.85 0.45 0.00	38.86 -0.08 0.00	33.92 -0.34 0.00	31.19 -0.51 0.00
NGRID_A1_DSASP 323792	27.64 1.11 0.00	25.56 0.91 0.00	25.03 0.87 0.00	23.88 0.40 0.00	23.65 0.39 0.00	24.93 0.54 0.00	26.14 0.83 0.00	29.78 0.55 0.00	31.51 -0.13 0.00	33.37 -0.47 0.00	33.73 -0.03 0.00	37.26 -0.07 0.00	40.69 -0.08 0.00	43.14 -0.52 0.13	44.31 -0.18 0.15	50.57 0.20 0.35	58.87 0.06 0.40	63.70 0.19 -0.33	57.15 0.06 0.27	49.64 1.87 0.26	45.76 0.36 0.00	39.44 0.50 0.00	34.47 0.21 0.00	32.71 1.01 0.00
NGRID_A2_DSASP 323793	27.64 1.11 0.00	25.56 0.91 0.00	25.03 0.87 0.00	23.88 0.40 0.00	23.65 0.39 0.00	24.93 0.54 0.00	26.14 0.83 0.00	29.78 0.55 0.00	31.51 -0.13 0.00	33.37 -0.47 0.00	33.73 -0.03 0.00	37.26 -0.07 0.00	40.69 -0.08 0.00	43.14 -0.52 0.13	44.31 -0.18 0.15	50.57 0.20 0.35	58.87 0.06 0.40	63.70 0.19 -0.33	57.15 0.06 0.27	49.64 1.87 0.26	45.76 0.36 0.00	39.44 0.50 0.00	34.47 0.21 0.00	32.71 1.01 0.00
NGRID_A4_DSASP 323807	27.62 1.09 0.00	25.56 0.91 0.00	24.79 0.63 0.00	23.88 0.40 0.00	23.65 0.40 0.00	24.93 0.54 0.00	26.06 0.76 0.00	29.78 0.56 0.00	31.51 -0.13 0.00	33.54 -0.30 0.00	33.79 0.03 0.00	37.41 0.07 0.00	40.85 0.08 0.00	43.35 -0.31 0.13	44.53 0.04 0.15	50.62 0.25 0.35	59.05 0.24 0.40	64.02 0.51 -0.33	57.43 0.34 0.27	49.35 1.58 0.26	45.94 0.54 0.00	39.52 0.58 0.00	34.61 0.34 0.00	32.71 1.01 0.00
NIAGARA_115E_LBMP 323715	27.91 1.38 0.00	25.83 1.18 0.00	24.86 0.70 0.00	24.14 0.66 0.00	23.93 0.67 0.00	25.18 0.78 0.00	26.32 1.01 0.00	29.86 0.64 0.00	31.54 -0.09 0.00	33.41 -0.44 0.00	33.79 0.03 0.00	37.34 0.00 0.00	40.81 0.04 0.00	43.23 -0.44 0.12	44.40 -0.09 0.15	50.58 0.20 0.34	59.01 0.18 0.39	63.85 0.32 -0.35	57.33 0.23 0.26	49.65 1.87 0.25	45.94 0.55 0.00	39.56 0.62 0.00	34.57 0.31 0.00	32.74 1.04 0.00

NIAGARA_115W_LBMP 323714	27.54 1.01 0.00	25.48 0.84 0.00	24.99 0.82 0.00	23.81 0.33 0.00	23.58 0.33 0.00	24.86 0.46 0.00	26.06 0.76 0.00	29.69 0.47 0.00	31.42 -0.22 0.00	33.27 -0.58 0.00	33.63 -0.13 0.00	37.15 -0.19 0.00	40.56 -0.20 0.00	43.00 -0.66 0.13	44.17 -0.31 0.15	50.42 0.05 0.35	58.69 -0.12 0.41	63.51 0.00 -0.33	56.97 -0.11 0.27	49.49 1.73 0.26	45.62 0.23 0.00	39.33 0.39 0.00	34.37 0.10 0.00	32.62 0.92 0.00
NIAGARA_230_LBMP 323716	27.86 1.33 0.00	25.78 1.13 0.00	25.03 0.87 0.00	24.09 0.61 0.00	23.86 0.60 0.00	25.15 0.76 0.00	26.36 1.06 0.00	30.04 0.82 0.00	31.80 0.16 0.00	33.68 -0.17 0.00	34.06 0.30 0.00	37.64 0.30 0.00	41.09 0.32 0.00	43.61 -0.04 0.14	44.79 0.31 0.16	51.11 0.76 0.37	59.62 0.83 0.43	64.49 1.01 -0.30	57.93 0.86 0.30	50.10 2.35 0.27	46.25 0.86 0.00	39.87 0.93 0.00	34.85 0.58 0.00	32.97 1.27 0.00
NIAGARA__115KV_198_GIBSON 55903	27.54 1.01 0.00	25.48 0.84 0.00	24.72 0.56 0.00	23.81 0.33 0.00	23.58 0.33 0.00	24.86 0.46 0.00	25.99 0.68 0.00	29.69 0.47 0.00	31.42 -0.22 0.00	33.44 -0.41 0.00	33.69 -0.07 0.00	37.30 -0.04 0.00	40.73 -0.04 0.00	43.22 -0.44 0.13	44.39 -0.09 0.15	50.47 0.10 0.35	58.87 0.06 0.41	63.82 0.32 -0.33	57.26 0.17 0.27	49.20 1.44 0.26	45.80 0.41 0.00	39.41 0.47 0.00	34.50 0.24 0.00	32.62 0.92 0.00
NIAGARA____ 23760	27.67 1.14 0.00	25.60 0.96 0.00	24.91 0.75 0.00	23.93 0.45 0.00	23.69 0.44 0.00	24.98 0.58 0.00	26.16 0.86 0.00	29.81 0.58 0.00	31.57 -0.06 0.00	33.44 -0.40 0.00	33.83 0.07 0.00	37.38 0.04 0.00	40.85 0.08 0.00	43.35 -0.30 0.13	44.53 0.04 0.16	50.76 0.40 0.36	59.16 0.36 0.41	64.01 0.50 -0.32	57.49 0.40 0.28	49.78 2.02 0.26	45.98 0.59 0.00	39.60 0.66 0.00	34.57 0.31 0.00	32.68 0.98 0.00
NINE_MILE_1 23575	25.95 -0.58 0.00	24.08 -0.57 0.00	23.56 -0.60 0.00	22.87 -0.61 0.00	22.67 -0.58 0.00	23.81 -0.59 0.00	24.72 -0.58 0.00	28.55 -0.67 0.00	30.75 -0.89 0.00	32.86 -0.98 0.00	32.88 -0.88 0.00	36.41 -0.93 0.00	39.79 -0.98 0.00	38.24 -1.05 4.50	38.27 -0.98 5.38	37.50 -0.91 12.31	43.92 -1.06 14.23	44.75 -1.07 17.35	41.77 -0.92 14.67	38.40 -0.57 9.05	44.53 -0.86 0.00	38.12 -0.82 0.00	33.48 -0.79 0.00	31.13 -0.57 0.00
NINE_MILE_2 23744	25.95 -0.58 0.00	24.08 -0.57 0.00	23.56 -0.60 0.00	22.87 -0.61 0.00	22.67 -0.58 0.00	23.81 -0.59 0.00	24.72 -0.58 0.00	28.55 -0.67 0.00	30.75 -0.89 0.00	32.86 -0.98 0.00	32.88 -0.88 0.00	36.41 -0.93 0.00	39.79 -0.98 0.00	38.17 -1.05 4.56	38.19 -0.98 5.46	37.32 -0.91 12.49	43.71 -1.06 14.44	44.50 -1.07 17.61	41.55 -0.92 14.89	38.26 -0.57 9.18	44.53 -0.86 0.00	38.12 -0.82 0.00	33.48 -0.79 0.00	31.13 -0.57 0.00
NM_CAPITAL____DRP 24208	27.30 0.77 0.00	25.38 0.74 0.00	24.94 0.77 0.00	24.28 0.80 0.00	23.97 0.72 0.00	25.13 0.73 0.00	25.99 0.68 0.00	29.98 0.76 0.00	32.35 0.95 0.23	34.37 1.05 0.52	34.70 0.95 0.00	38.14 0.97 0.17	41.79 1.02 0.00	44.86 1.09 0.02	45.80 1.16 0.00	51.79 1.88 0.80	60.78 2.61 1.05	65.22 2.65 0.62	59.48 2.18 0.06	49.46 1.44 0.00	46.21 0.82 0.00	39.76 0.82 0.00	35.26 0.99 0.00	32.49 0.79 0.00
NM_CENTRAL____DRP 24181	26.64 0.11 0.00	24.69 0.05 0.00	24.14 -0.02 0.00	23.41 -0.07 0.00	23.21 -0.05 0.00	24.40 0.00 0.00	25.33 0.03 0.00	29.28 0.06 0.00	31.48 -0.16 0.00	33.64 -0.20 0.00	33.73 -0.03 0.00	37.38 0.04 0.00	40.85 0.08 0.00	44.24 0.18 -0.28	45.19 0.22 -0.33	52.03 0.56 -0.75	60.74 0.65 -0.87	66.60 0.82 -2.60	59.39 0.86 -1.17	49.39 0.82 -0.55	45.80 0.41 0.00	39.13 0.19 0.00	34.33 0.07 0.00	31.89 0.19 0.00
NM_FRONTIER____DRP 24179	27.54 1.01 0.00	25.48 0.84 0.00	24.72 0.56 0.00	23.81 0.33 0.00	23.58 0.33 0.00	24.86 0.46 0.00	25.99 0.68 0.00	29.69 0.47 0.00	31.42 -0.22 0.00	33.44 -0.41 0.00	33.69 -0.07 0.00	37.30 -0.04 0.00	40.73 -0.04 0.00	43.22 -0.44 0.13	44.39 -0.09 0.15	50.47 0.10 0.35	58.87 0.06 0.41	63.82 0.32 -0.33	57.26 0.17 0.27	49.20 1.44 0.26	45.80 0.41 0.00	39.41 0.47 0.00	34.50 0.24 0.00	32.62 0.92 0.00
NM_ST_REGIS____HYD 24053	25.23 -1.30 0.00	23.46 -1.18 0.00	23.03 -1.14 0.00	22.43 -1.06 0.00	22.37 -0.88 0.00	23.47 -0.93 0.00	24.29 -1.01 0.00	28.14 -1.08 0.00	30.66 -0.98 0.00	32.90 -0.95 0.00	32.78 -0.98 0.00	36.29 -1.05 0.00	39.54 -1.22 0.00	42.52 -1.27 0.00	43.16 -1.47 0.00	47.98 -2.74 0.00	55.49 -3.73 0.00	44.09 -4.49 14.60	51.33 -3.44 2.58	46.44 -1.58 0.00	44.58 -0.82 0.00	37.89 -1.05 0.00	33.10 -1.17 0.00	30.43 -1.27 0.00
NORTHPORT____1 23551	35.42 2.44 -6.45	34.24 2.29 -7.30	32.46 2.18 -6.12	28.99 2.04 -3.46	29.24 1.91 -4.08	30.93 2.02 -4.51	32.67 2.35 -5.01	33.49 2.72 -1.55	36.53 3.16 -1.73	38.25 3.32 -1.09	38.99 2.97 -2.26	40.30 2.95 -0.01	45.28 3.26 -1.25	47.42 3.46 -0.17	51.49 3.48 -3.37	55.85 4.57 -0.57	65.23 5.39 -0.62	69.97 5.49 -1.29	62.88 4.76 -0.76	51.94 2.83 -1.09	47.63 2.36 0.13	41.43 2.34 -0.15	36.01 2.30 0.55	34.12 2.38 -0.04
NORTHPORT____2 23552	35.42 2.44 -6.45	34.24 2.29 -7.30	32.46 2.18 -6.12	28.99 2.04 -3.46	29.24 1.91 -4.08	30.93 2.02 -4.51	32.67 2.35 -5.01	33.49 2.72 -1.55	36.53 3.16 -1.73	38.25 3.32 -1.09	38.99 2.97 -2.26	35.36 2.95 4.92	35.31 3.26 8.72	35.44 3.46 11.80	35.26 3.48 12.86	35.36 4.57 19.93	35.38 5.39 29.23	35.30 5.49 33.38	35.52 4.76 26.60	35.43 2.83 15.42	35.46 2.36 12.30	35.52 2.34 5.76	35.26 2.30 1.30	34.12 2.38 -0.04
NORTHPORT____3 23553	35.65 2.68 -6.45	34.46 2.51 -7.30	32.63 2.34 -6.12	29.15 2.21 -3.46	29.42 2.09 -4.08	31.10 2.20 -4.51	32.82 2.51 -5.01	33.73 2.95 -1.55	36.67 3.29 -1.74	38.42 3.49 -1.09	38.58 2.50 -2.32	34.98 2.57 4.93	34.98 2.94 8.72	35.04 3.06 11.81	34.98 3.22 12.87	35.09 4.31 19.94	35.01 5.03 29.24	34.98 5.18 33.38	35.06 4.30 26.60	35.04 2.45 15.43	35.04 1.95 12.30	35.04 1.87 5.77	35.04 1.92 1.14	33.96 2.22 -0.04
NORTHPORT____4 23650	35.65 2.68 -6.45	34.46 2.51 -7.30	32.63 2.34 -6.12	29.15 2.21 -3.46	29.42 2.09 -4.08	31.10 2.20 -4.51	32.82 2.51 -5.01	33.73 2.95 -1.55	36.67 3.29 -1.74	38.42 3.49 -1.09	38.58 2.50 -2.32	34.98 2.57 4.93	34.98 2.94 8.72	35.04 3.06 11.81	34.98 3.22 12.87	35.09 4.31 19.94	35.01 5.03 29.24	34.98 5.18 33.38	35.06 4.30 26.60	35.04 2.45 15.43	35.04 1.95 12.30	35.04 1.87 5.77	35.04 1.92 1.14	33.96 2.22 -0.04
NORTHPORT____IC 23718	35.42 2.44 -6.45	34.24 2.29 -7.30	32.46 2.18 -6.12	28.99 2.04 -3.46	29.24 1.91 -4.08	30.93 2.02 -4.51	32.67 2.35 -5.01	33.49 2.72 -1.55	36.53 3.16 -1.73	38.25 3.32 -1.09	38.99 2.97 -2.26	35.36 2.95 4.92	35.31 3.26 8.72	35.44 3.46 11.80	35.26 3.48 12.86	35.36 4.57 19.93	35.38 5.39 29.23	35.30 5.49 33.38	35.52 4.76 26.60	35.43 2.83 15.42	35.46 2.36 12.30	35.52 2.34 5.76	35.26 2.30 1.30	34.12 2.38 -0.04

NORTH__COUNTRY_ESR 323785	25.52 -1.01 0.00	23.76 -0.89 0.00	23.34 -0.82 0.00	22.76 -0.73 0.00	22.72 -0.53 0.00	23.91 -0.49 0.00	24.82 -0.48 0.00	28.84 -0.38 0.00	31.45 -0.19 0.00	33.71 -0.13 0.00	33.56 -0.20 0.00	37.15 -0.19 0.00	40.40 -0.37 0.00	43.48 -0.30 0.00	44.33 -0.31 0.00	49.45 -1.27 0.00	57.14 -2.07 0.00	54.48 -2.08 6.62	54.81 -1.38 1.17	47.50 -0.53 0.00	45.39 0.00 0.00	38.78 -0.16 0.00	33.89 -0.38 0.00	31.19 -0.51 0.00
NPX_GEN_1385_PROXY 323591	34.70 1.72 -6.45	33.50 1.55 -7.30	31.76 1.47 -6.12	28.47 1.53 -3.46	28.68 1.35 -4.08	30.32 1.41 -4.51	32.11 1.80 -5.01	32.96 2.19 -1.55	35.87 2.50 -1.73	37.44 2.50 -1.09	38.48 2.46 -2.26	39.10 2.65 0.89	43.05 2.85 0.57	44.80 3.02 2.01	48.07 2.72 -0.71	50.64 3.40 3.48	58.42 4.03 4.82	62.00 3.85 5.04	57.08 3.95 4.23	48.21 2.11 1.92	44.77 1.72 2.35	39.92 1.91 0.93	35.36 1.78 0.69	33.64 1.90 -0.04
NPX_GEN_CSC 323557	35.60 2.63 -6.45	34.71 2.76 -7.30	32.94 2.66 -6.12	29.41 2.47 -3.46	29.68 2.35 -4.08	31.39 2.49 -4.51	33.15 2.83 -5.01	33.69 2.92 -1.55	36.85 3.48 -1.73	38.79 3.86 -1.09	40.38 3.58 -3.04	41.78 3.70 -0.75	49.00 4.16 -4.07	48.71 4.38 -0.55	59.15 4.38 -10.14	75.75 5.37 -19.66	90.53 6.34 -24.97	109.22 6.63 -39.41	121.07 5.97 -57.74	111.31 3.79 -59.49	57.72 3.31 -9.01	43.33 2.92 -1.47	38.88 2.81 -1.81	34.63 2.88 -0.04
NSINS_S_GLNS_FALLS 23858	28.02 1.49 0.00	26.02 1.38 0.00	25.52 1.35 0.00	24.82 1.34 0.00	24.53 1.28 0.00	25.88 1.49 0.00	26.80 1.49 0.00	30.92 1.69 0.00	33.46 2.06 0.23	35.39 2.06 0.52	35.55 1.79 0.00	39.03 1.87 0.17	42.93 2.16 0.00	46.18 2.41 0.02	47.09 2.46 0.00	53.16 3.25 0.80	62.96 4.80 1.05	67.74 5.18 0.62	62.35 5.05 0.06	51.96 3.94 0.00	48.39 3.00 0.00	41.51 2.57 0.00	36.53 2.26 0.00	33.54 1.84 0.00
NUCOR_STEEL__DRP 24197	27.25 0.72 0.00	25.26 0.62 0.00	24.67 0.51 0.00	23.93 0.45 0.00	23.74 0.49 0.00	24.96 0.56 0.00	25.93 0.63 0.00	29.95 0.73 0.00	32.24 0.60 0.00	34.39 0.54 0.00	34.50 0.74 0.00	38.23 0.90 0.00	41.79 1.02 0.00	45.56 1.18 -0.59	46.77 1.43 -0.71	54.21 1.88 -1.62	63.34 2.25 -1.87	69.28 2.65 -3.44	62.07 2.58 -2.13	51.47 2.26 -1.19	47.21 1.82 0.00	40.26 1.32 0.00	35.26 0.99 0.00	32.68 0.98 0.00
NUMBER_THREE_WT_PWR 323818	26.93 0.40 0.00	24.94 0.30 0.00	24.48 0.31 0.00	23.77 0.28 0.00	23.65 0.39 0.00	24.84 0.44 0.00	25.78 0.48 0.00	29.78 0.55 0.00	32.21 0.57 0.00	34.22 0.37 0.00	34.23 0.47 0.00	38.05 0.71 0.00	41.46 0.69 0.00	44.88 0.79 -0.30	45.39 0.40 -0.36	52.11 0.71 -0.69	60.72 0.71 -0.79	78.64 0.82 -14.64	62.20 1.60 -3.24	50.54 2.02 -0.50	47.48 2.09 0.00	40.19 1.25 0.00	35.05 0.79 0.00	32.21 0.51 0.00
NYISO_LBMP_REFERENCE 24008	26.53 0.00 0.00	24.64 0.00 0.00	24.16 0.00 0.00	23.48 0.00 0.00	23.25 0.00 0.00	24.40 0.00 0.00	25.30 0.00 0.00	29.22 0.00 0.00	31.64 0.00 0.00	33.85 0.00 0.00	33.76 0.00 0.00	37.34 0.00 0.00	40.77 0.00 0.00	43.79 0.00 0.00	44.64 0.00 0.00	50.72 0.00 0.00	59.22 0.00 0.00	63.18 0.00 0.00	57.36 0.00 0.00	48.02 0.00 0.00	45.39 0.00 0.00	38.94 0.00 0.00	34.26 0.00 0.00	31.70 0.00 0.00
NYPA_BRENTWD__GT 24164	35.92 2.94 -6.45	34.73 2.78 -7.30	32.92 2.63 -6.12	29.41 2.47 -3.46	29.68 2.35 -4.08	31.39 2.49 -4.51	33.15 2.83 -5.01	34.04 3.27 -1.55	37.14 3.76 -1.73	39.03 4.09 -1.09	42.09 3.81 -4.52	41.42 3.81 -0.27	46.95 4.16 -2.02	48.71 4.38 -0.54	53.85 4.24 -4.97	60.84 5.43 -4.70	71.52 6.40 -5.91	78.32 6.63 -8.50	75.17 5.74 -12.08	64.03 3.60 -12.40	50.54 3.27 -1.88	42.47 3.27 -0.26	43.55 3.12 -6.17	34.85 3.11 -0.04
NYPA_GOWANUS__GT5 24156	28.87 2.34 -0.01	26.80 2.14 -0.01	26.15 1.98 0.00	25.29 1.81 0.00	24.90 1.65 0.00	26.10 1.71 0.00	27.38 2.08 0.00	31.68 2.45 0.00	34.72 2.88 -0.20	37.65 3.35 -0.45	36.74 2.97 -0.01	40.66 3.17 -0.15	44.15 3.38 0.00	47.35 3.55 -0.02	48.16 3.53 0.00	81.62 5.27 -25.63	81.53 6.51 -15.80	78.02 6.89 -7.95	101.73 5.45 -38.92	50.99 2.98 0.01	47.66 2.27 0.01	41.55 2.61 0.00	36.77 2.50 0.00	33.86 2.16 0.00
NYPA_GOWANUS__GT6 24157	28.87 2.34 -0.01	26.80 2.14 -0.01	26.15 1.98 0.00	25.29 1.81 0.00	24.90 1.65 0.00	26.10 1.71 0.00	27.38 2.08 0.00	31.68 2.45 0.00	34.72 2.88 -0.20	37.65 3.35 -0.45	36.74 2.97 -0.01	40.66 3.17 -0.15	44.15 3.38 0.00	47.35 3.55 -0.02	48.16 3.53 0.00	81.62 5.27 -25.63	81.53 6.51 -15.80	78.02 6.89 -7.95	101.73 5.45 -38.92	50.99 2.98 0.01	47.66 2.27 0.01	41.55 2.61 0.00	36.77 2.50 0.00	33.86 2.16 0.00
NYPA_HARLEM_RVR_GT1 24160	28.79 2.25 -0.01	26.75 2.09 -0.01	26.11 1.93 -0.01	25.28 1.78 -0.01	24.88 1.63 0.00	26.08 1.68 0.00	27.38 2.08 0.00	31.65 2.42 0.00	34.59 2.75 -0.20	37.31 3.01 -0.45	36.50 2.73 -0.01	40.20 2.72 -0.14	43.70 2.94 0.00	46.92 3.11 -0.02	47.85 3.22 0.00	56.21 4.82 -0.68	66.08 5.98 -0.88	70.15 6.45 -0.52	62.51 5.10 -0.05	50.61 2.59 0.01	47.20 1.82 0.01	41.08 2.14 0.00	36.60 2.33 0.00	33.73 2.03 0.00
NYPA_HARLEM_RVR_GT2 24161	28.79 2.25 -0.01	26.75 2.09 -0.01	26.11 1.93 -0.01	25.28 1.78 -0.01	24.88 1.63 0.00	26.08 1.68 0.00	27.38 2.08 0.00	31.65 2.42 0.00	34.59 2.75 -0.20	37.31 3.01 -0.45	36.50 2.73 -0.01	40.20 2.72 -0.14	43.70 2.94 0.00	46.92 3.11 -0.02	47.85 3.22 0.00	56.21 4.82 -0.68	66.08 5.98 -0.88	70.15 6.45 -0.52	62.51 5.10 -0.05	50.61 2.59 0.01	47.20 1.82 0.01	41.08 2.14 0.00	36.60 2.33 0.00	33.73 2.03 0.00
NYPA_KENT__GT 24152	28.79 2.25 0.00	26.72 2.07 0.00	26.10 1.93 0.00	25.25 1.76 0.00	24.86 1.60 0.00	26.08 1.68 0.00	27.35 2.05 0.00	31.65 2.42 0.00	34.69 2.85 -0.20	37.54 3.25 -0.45	36.67 2.90 -0.01	40.58 3.10 -0.15	44.07 3.30 0.00	47.26 3.46 -0.02	48.07 3.44 0.00	56.50 5.07 -0.71	66.41 6.27 -0.92	70.37 6.63 -0.55	62.66 5.22 -0.08	50.85 2.83 0.01	47.57 2.18 0.01	41.43 2.49 0.00	36.70 2.43 0.00	33.79 2.09 0.00
NYPA_POUCH1__GT 24155	28.87 2.34 -0.01	26.80 2.14 -0.01	26.15 1.98 0.00	25.29 1.81 0.00	24.88 1.63 0.00	26.10 1.71 0.00	27.35 2.05 0.00	31.59 2.37 0.00	35.02 2.81 -0.56	39.23 3.25 -2.14	37.89 2.87 -1.27	42.86 3.06 -2.46	40.18 3.22 3.80	42.02 3.37 5.14	42.85 3.35 5.13	65.43 5.12 -9.59	67.99 6.34 -2.43	88.38 6.76 -18.43	126.82 5.34 -64.12	57.47 2.83 -6.62	53.04 2.13 -5.51	43.92 2.57 -2.42	36.70 2.43 0.00	33.76 2.06 0.00
NYPA_VERNON__GT2 24162	28.71 2.18 0.00	26.64 2.00 0.00	26.02 1.86 0.00	25.18 1.69 0.00	24.81 1.56 0.00	26.03 1.63 0.00	27.30 2.00 0.00	31.62 2.40 0.00	34.63 2.78 -0.20	37.48 3.18 -0.45	36.64 2.87 -0.01	40.47 2.99 -0.15	43.99 3.22 0.00	47.18 3.37 -0.02	48.03 3.39 0.00	56.37 4.97 -0.68	66.21 6.10 -0.89	70.22 6.51 -0.53	62.52 5.10 -0.06	50.80 2.78 0.01	47.52 2.13 0.01	41.32 2.38 0.00	36.63 2.36 0.00	33.76 2.06 0.00

NYPA_VERNON____GT3 24163	28.71	26.64	26.02	25.18	24.81	26.03	27.30	31.62	34.63	37.48	36.64	40.47	43.99	47.18	48.03	56.37	66.21	70.22	62.52	50.80	47.52	41.32	36.63	33.76
	2.18	2.00	1.86	1.69	1.56	1.63	2.00	2.40	2.78	3.18	2.87	2.99	3.22	3.37	3.39	4.97	6.10	6.51	5.10	2.78	2.13	2.38	2.36	2.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	-0.45	-0.01	-0.15	0.00	-0.02	0.00	-0.68	-0.89	-0.53	-0.06	0.01	0.01	0.00	0.00	0.00
NYPA____ASTORIA_CC1 323568	28.68	26.62	26.00	25.18	24.79	26.01	27.28	31.59	34.59	37.44	36.57	40.40	43.86	47.09	47.94	56.26	66.08	70.08	62.39	50.70	47.38	41.24	36.56	33.70
	2.15	1.97	1.84	1.69	1.53	1.61	1.97	2.37	2.75	3.15	2.80	2.91	3.10	3.29	3.30	4.87	5.98	6.38	4.99	2.69	2.00	2.30	2.30	2.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	-0.45	-0.01	-0.15	0.00	-0.02	0.00	-0.68	-0.88	-0.52	-0.05	0.01	0.01	0.00	0.00	0.00
NYPA____ASTORIA_CC2 323569	28.68	26.62	26.00	25.18	24.79	26.01	27.28	31.59	34.59	37.44	36.57	40.40	43.86	47.09	47.94	56.26	66.08	70.08	62.39	50.70	47.38	41.24	36.56	33.70
	2.15	1.97	1.84	1.69	1.53	1.61	1.97	2.37	2.75	3.15	2.80	2.91	3.10	3.29	3.30	4.87	5.98	6.38	4.99	2.69	2.00	2.30	2.30	2.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	-0.45	-0.01	-0.15	0.00	-0.02	0.00	-0.68	-0.88	-0.52	-0.05	0.01	0.01	0.00	0.00	0.00
NYPA____HOLTSVILL 23794	35.74	34.63	32.84	29.34	29.61	31.30	33.07	33.84	36.95	38.86	40.27	41.66	48.80	48.50	58.56	75.75	90.14	112.07	119.85	110.16	57.39	44.54	38.86	34.66
	2.76	2.69	2.56	2.40	2.28	2.39	2.76	3.07	3.57	3.92	3.48	3.58	4.00	4.16	4.19	5.37	6.34	6.57	5.68	3.60	3.13	2.84	2.81	2.91
	-6.45	-7.30	-6.12	-3.46	-4.08	-4.51	-5.01	-1.55	-1.73	-1.09	-3.04	-0.74	-4.03	-0.55	-9.73	-19.66	-24.59	-42.31	-56.81	-58.53	-8.86	-2.75	-1.79	-0.04
NYPA____HELLGATE_GT1 24158	28.79	26.75	26.11	25.28	24.88	26.08	27.38	31.65	34.59	37.31	36.50	40.20	43.70	46.92	47.85	56.21	66.08	70.15	62.51	50.61	47.20	41.08	36.60	33.73
	2.25	2.09	1.93	1.78	1.63	1.68	2.08	2.42	2.75	3.01	2.73	2.72	2.94	3.11	3.22	4.82	5.98	6.45	5.10	2.59	1.82	2.14	2.33	2.03
	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	-0.20	-0.45	-0.01	-0.14	0.00	-0.02	0.00	-0.68	-0.88	-0.52	-0.05	0.01	0.01	0.00	0.00	0.00
NYPA____HELLGATE_GT2 24159	28.79	26.75	26.11	25.28	24.88	26.08	27.38	31.65	34.59	37.31	36.50	40.20	43.70	46.92	47.85	56.21	66.08	70.15	62.51	50.61	47.20	41.08	36.60	33.73
	2.25	2.09	1.93	1.78	1.63	1.68	2.08	2.42	2.75	3.01	2.73	2.72	2.94	3.11	3.22	4.82	5.98	6.45	5.10	2.59	1.82	2.14	2.33	2.03
	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	-0.20	-0.45	-0.01	-0.14	0.00	-0.02	0.00	-0.68	-0.88	-0.52	-0.05	0.01	0.01	0.00	0.00	0.00
NYS_BARGE____HYD 23848	28.34	26.20	25.30	24.47	24.25	25.54	26.74	30.45	32.02	33.88	34.30	37.93	41.46	43.93	45.11	51.43	60.00	64.90	58.24	50.45	46.71	40.22	35.12	33.22
	1.80	1.55	1.14	0.99	1.00	1.15	1.44	1.23	0.38	0.03	0.54	0.60	0.69	0.26	0.62	1.07	1.18	1.39	1.15	2.69	1.32	1.28	0.86	1.52
	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	0.13	0.15	0.35	0.41	-0.33	0.27	0.26	0.00	0.00	0.00	0.00
OAK ORCHARD____HYD 24046	27.78	25.70	24.99	24.14	23.95	25.20	26.34	30.30	32.30	34.35	34.60	38.38	41.95	44.94	46.14	52.65	61.30	66.32	59.50	51.10	47.39	40.54	35.46	33.25
	1.25	1.06	0.82	0.66	0.70	0.80	1.04	1.08	0.67	0.51	0.84	1.04	1.18	1.31	1.70	2.38	2.60	2.91	2.52	3.41	2.00	1.60	1.20	1.55
	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	0.16	0.19	0.45	0.52	-0.23	0.38	0.33	0.00	0.00	0.00	0.00
OAKDALE__35_KV_LOAD 356122	27.41	25.41	24.82	24.07	23.86	25.08	26.09	30.13	32.43	34.66	34.77	38.50	42.03	45.22	46.27	53.20	62.29	66.69	60.61	50.64	47.16	40.42	35.40	32.78
	0.88	0.76	0.65	0.59	0.60	0.68	0.78	0.91	0.79	0.81	1.01	1.16	1.26	1.23	1.38	1.93	2.43	2.72	2.58	2.21	1.77	1.48	1.13	1.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	-0.24	-0.56	-0.65	-0.79	-0.67	-0.41	0.00	0.00	0.00	0.00
OCC_CHEM____DRP 24175	27.62	25.56	24.79	23.88	23.65	24.93	26.06	29.78	31.51	33.54	33.79	37.41	40.85	43.35	44.53	50.62	59.05	64.02	57.43	49.35	45.94	39.52	34.61	32.71
	1.09	0.91	0.63	0.40	0.40	0.54	0.76	0.56	-0.13	-0.30	0.03	0.07	0.08	-0.31	0.04	0.25	0.24	0.51	0.34	1.58	0.54	0.58	0.34	1.01
	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	0.13	0.15	0.35	0.40	-0.33	0.27	0.26	0.00	0.00	0.00	0.00
OH_GEN_PROXY 24063	27.83	25.75	25.01	24.07	23.83	25.13	26.34	30.04	31.86	33.75	34.10	37.71	41.18	43.70	45.18	50.90	59.73	64.62	58.04	50.15	46.35	39.91	34.88	32.97
	1.30	1.11	0.85	0.59	0.58	0.73	1.04	0.82	0.22	-0.10	0.34	0.37	0.41	0.04	0.40	0.86	0.94	1.14	0.97	2.40	0.95	0.97	0.62	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	0.13	-0.14	0.68	0.43	-0.30	0.30	0.27	0.00	0.00	0.00	0.00
OLIN_CORP_DRP 24177	27.94	25.85	25.08	24.16	23.93	25.20	26.29	29.92	31.61	33.64	33.89	37.56	41.01	43.49	44.67	50.69	59.31	64.23	57.68	49.46	46.17	39.68	34.74	32.81
	1.41	1.21	0.92	0.68	0.67	0.81	0.99	0.70	-0.03	-0.20	0.14	0.22	0.24	-0.18	0.18	0.30	0.47	0.70	0.57	1.68	0.77	0.74	0.48	1.11
	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	0.12	0.14	0.33	0.38	-0.35	0.25	0.24	0.00	0.00	0.00	0.00
OLIN_CORP_DSASP 323712	27.64	25.56	25.03	23.88	23.65	24.93	26.14	29.78	31.51	33.37	33.73	37.26	40.69	43.14	44.31	50.57	58.87	63.70	57.15	49.64	45.76	39.44	34.47	32.71
	1.11	0.91	0.87	0.40	0.39	0.54	0.83	0.55	-0.13	-0.47	-0.03	-0.07	-0.08	-0.52	-0.18	0.20	0.06	0.19	0.06	1.87	0.36	0.50	0.21	1.01
	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	0.13	0.15	0.35	0.40	-0.33	0.27	0.26	0.00	0.00	0.00	0.00
ONEIDA_HERK_LFGE 323681	27.11	25.14	24.65	23.95	23.79	24.98	25.96	29.95	32.43	34.66	34.74	38.53	42.07	45.19	45.80	52.45	61.24	71.97	61.12	50.40	47.44	40.26	35.22	32.43
	0.58	0.49	0.48	0.47	0.54	0.58	0.66	0.73	0.79	0.81	0.98	1.19	1.30	1.40	1.16	1.37	1.60	1.77	2.18	2.11	2.04	1.32	0.96	0.73
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.36	-0.42	-7.02	-1.58	-0.27	0.00	0.00	0.00	0.00
ONEIDA____115KV_TB4 55905	27.38	25.36	24.86	24.14	23.95	25.15	26.16	30.22	32.65	34.86	34.94	38.76	42.36	45.70	46.48	53.29	62.34	69.64	61.56	51.09	47.89	40.65	35.57	32.78
	0.85	0.71	0.70	0.66	0.70	0.76	0.86	0.99	1.01	1.02	1.18	1.42	1.59	1.75	1.65	2.13	2.61	2.91	3.15	2.74	2.50	1.71	1.30	1.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	-0.19	-0.44	-0.51	-3.55	-1.05	-0.33	0.00	0.00	0.00	0.00

ONONDAGA_REF_OCCRA 23987	26.74 0.21 0.00	24.79 0.15 0.00	24.24 0.07 0.00	23.51 0.02 0.00	23.30 0.05 0.00	24.49 0.10 0.00	25.45 0.15 0.00	29.40 0.18 0.00	31.67 0.03 0.00	33.81 -0.03 0.00	33.93 0.17 0.00	37.56 0.22 0.00	41.05 0.29 0.00	44.54 0.39 -0.36	45.56 0.49 -0.43	52.52 0.81 -0.99	61.37 1.01 -1.14	67.14 1.20 -2.76	60.04 1.26 -1.42	49.85 1.10 -0.73	46.12 0.73 0.00	39.41 0.47 0.00	34.54 0.27 0.00	32.02 0.32 0.00
ONONDAGA___COGEN 23986	26.80 0.27 0.00	24.84 0.20 0.00	24.28 0.12 0.00	23.55 0.07 0.00	23.35 0.09 0.00	24.54 0.15 0.00	25.50 0.20 0.00	29.48 0.26 0.00	31.73 0.09 0.00	33.88 0.03 0.00	34.00 0.24 0.00	37.67 0.34 0.00	41.18 0.41 0.00	44.93 0.53 -0.61	45.99 0.62 -0.73	53.40 1.01 -1.67	62.34 1.18 -1.93	68.25 1.39 -3.67	61.02 1.43 -2.23	50.50 1.25 -1.23	46.26 0.86 0.00	39.52 0.58 0.00	34.64 0.38 0.00	32.14 0.44 0.00
ONTARIO___LFGE 23819	27.73 1.19 0.00	25.66 1.01 0.00	24.99 0.82 0.00	24.19 0.70 0.00	24.00 0.74 0.00	25.32 0.93 0.00	26.41 1.11 0.00	30.51 1.28 0.00	32.62 0.98 0.00	34.56 0.71 0.00	34.91 1.15 0.00	38.68 1.34 0.00	42.28 1.51 0.00	45.36 1.57 0.00	46.33 1.70 0.00	53.10 2.38 0.00	62.12 2.90 0.00	67.46 3.35 -0.93	60.79 3.27 -0.17	51.38 3.36 0.00	47.75 2.36 0.00	40.81 1.87 0.00	35.60 1.33 0.00	33.19 1.49 0.00
ORANGEVILLE_WT_PWR 323706	28.34 1.80 0.00	26.20 1.55 0.00	25.42 1.26 0.00	24.54 1.06 0.00	24.32 1.07 0.00	25.66 1.27 0.00	26.87 1.57 0.00	30.80 1.58 0.00	32.74 1.11 0.00	34.69 0.85 0.00	35.07 1.32 0.00	38.79 1.45 0.00	42.40 1.63 0.00	44.93 1.14 0.00	46.16 1.52 0.00	52.85 2.13 0.00	61.70 2.49 0.00	66.83 2.85 -0.80	60.09 2.58 -0.14	51.48 3.46 0.00	47.75 2.36 0.00	41.08 2.14 0.00	35.84 1.58 0.00	33.67 1.97 0.00
ORANGEVILLE___ESR 323794	28.34 1.80 0.00	26.20 1.55 0.00	25.42 1.26 0.00	24.54 1.06 0.00	24.32 1.07 0.00	25.66 1.27 0.00	26.87 1.57 0.00	30.80 1.58 0.00	32.74 1.11 0.00	34.69 0.85 0.00	35.07 1.32 0.00	38.79 1.45 0.00	42.40 1.63 0.00	44.93 1.14 0.00	46.16 1.52 0.00	52.85 2.13 0.00	61.70 2.49 0.00	66.83 2.85 -0.80	60.09 2.58 -0.14	51.48 3.46 0.00	47.75 2.36 0.00	41.08 2.14 0.00	35.84 1.58 0.00	33.67 1.97 0.00
OSWEGATCHIE___HYD 24044	26.00 -0.53 0.00	24.13 -0.52 0.00	23.68 -0.48 0.00	23.01 -0.47 0.00	22.90 -0.35 0.00	24.05 -0.34 0.00	24.92 -0.38 0.00	28.81 -0.41 0.00	31.22 -0.41 0.00	33.34 -0.51 0.00	33.29 -0.47 0.00	36.93 -0.41 0.00	40.24 -0.53 0.00	43.55 -0.48 -0.24	44.12 -0.80 -0.28	49.98 -1.32 -0.58	57.99 -1.90 -0.67	92.60 -2.34 -31.76	62.21 -1.32 -6.17	48.40 -2.05 -0.43	45.80 0.41 0.00	38.86 -0.08 0.00	33.92 -0.34 0.00	31.16 -0.54 0.00
OSWEGO___5 23606	26.27 -0.27 0.00	24.37 -0.27 0.00	23.85 -0.31 0.00	23.16 -0.33 0.00	22.93 -0.33 0.00	24.08 -0.32 0.00	25.02 -0.28 0.00	28.90 -0.32 0.00	31.13 -0.51 0.00	33.20 -0.64 0.00	33.29 -0.47 0.00	36.85 -0.49 0.00	40.24 -0.53 0.00	46.16 -0.52 -2.90	47.66 -0.45 -3.47	58.34 -0.30 -7.93	68.03 -0.35 -9.17	74.97 -0.31 -12.11	66.80 -0.17 -9.61	53.90 0.05 -5.83	45.12 -0.27 0.00	38.59 -0.35 0.00	33.89 -0.38 0.00	31.48 -0.22 0.00
OSWEGO___6 23613	26.27 -0.27 0.00	24.37 -0.27 0.00	23.85 -0.31 0.00	23.16 -0.33 0.00	22.93 -0.33 0.00	24.08 -0.32 0.00	25.02 -0.28 0.00	28.90 -0.32 0.00	31.13 -0.51 0.00	33.20 -0.64 0.00	33.29 -0.47 0.00	36.85 -0.49 0.00	40.24 -0.53 0.00	46.16 -0.52 -2.90	47.66 -0.45 -3.47	58.34 -0.30 -7.93	68.03 -0.35 -9.17	74.97 -0.31 -12.11	66.80 -0.17 -9.61	53.90 0.05 -5.83	45.12 -0.27 0.00	38.59 -0.35 0.00	33.89 -0.38 0.00	31.48 -0.22 0.00
OUTOKUMPU-AB___DRP 24206	28.47 1.94 0.00	26.32 1.68 0.00	25.52 1.35 0.00	24.59 1.10 0.00	24.35 1.09 0.00	25.69 1.29 0.00	26.85 1.54 0.00	30.71 1.49 0.00	32.49 0.85 0.00	34.56 0.71 0.00	34.87 1.11 0.00	38.68 1.34 0.00	42.32 1.55 0.00	44.71 0.92 0.00	46.02 1.38 0.00	52.44 1.72 0.00	61.29 2.07 0.00	66.40 2.40 -0.82	59.57 2.06 -0.15	50.95 2.93 0.00	47.39 2.00 0.00	40.85 1.91 0.00	35.70 1.44 0.00	33.70 2.00 0.00
OXBOW___ 24026	28.12 1.59 0.00	26.02 1.38 0.00	25.37 1.21 0.00	24.28 0.80 0.00	24.07 0.81 0.00	25.37 0.98 0.00	26.59 1.29 0.00	30.33 1.11 0.00	32.11 0.48 0.00	33.98 0.14 0.00	34.40 0.64 0.00	37.75 0.41 0.00	41.30 0.53 0.00	43.62 -0.04 0.12	44.85 0.36 0.15	51.19 0.81 0.33	59.60 0.77 0.39	64.48 0.95 -0.35	57.85 0.74 0.25	50.18 2.40 0.25	46.35 0.95 0.00	39.99 1.05 0.00	34.91 0.65 0.00	33.32 1.62 0.00
OXY_CHEM_DSASP 323612	27.62 1.09 0.00	25.56 0.91 0.00	24.79 0.63 0.00	23.88 0.40 0.00	23.65 0.40 0.00	24.93 0.54 0.00	26.06 0.76 0.00	29.78 0.56 0.00	31.51 -0.13 0.00	33.54 -0.30 0.00	33.79 0.03 0.00	37.41 0.07 0.00	40.85 0.08 0.00	43.35 -0.31 0.13	44.53 0.04 0.15	50.62 0.25 0.35	59.05 0.24 0.40	64.02 0.51 -0.33	57.43 0.34 0.27	49.35 1.58 0.26	45.94 0.54 0.00	39.52 0.58 0.00	34.61 0.34 0.00	32.71 1.01 0.00
OZONE_PARK_ESR 323760	28.84 2.31 0.00	26.76 2.12 0.00	26.15 1.98 0.00	25.29 1.81 0.00	24.93 1.67 0.00	26.15 1.76 0.00	27.43 2.13 0.00	31.79 2.57 0.00	34.81 2.97 -0.20	37.60 3.32 -0.44	36.80 3.04 0.00	40.81 3.32 -0.15	44.44 3.67 0.00	47.75 3.94 -0.02	48.57 3.93 0.00	57.07 5.68 -0.67	67.03 6.93 -0.88	71.03 7.33 -0.52	63.31 5.91 -0.05	51.53 3.51 0.00	48.07 2.68 0.00	41.74 2.80 0.00	36.87 2.60 0.00	34.05 2.35 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	27.62 1.09 0.00	25.56 0.91 0.00	24.79 0.63 0.00	23.88 0.40 0.00	23.65 0.40 0.00	24.93 0.54 0.00	26.06 0.76 0.00	29.78 0.56 0.00	31.51 -0.13 0.00	33.54 -0.30 0.00	33.79 0.03 0.00	37.41 0.07 0.00	40.85 0.08 0.00	43.35 -0.31 0.13	44.53 0.04 0.15	50.62 0.25 0.35	59.05 0.24 0.40	64.02 0.51 -0.33	57.43 0.34 0.27	49.35 1.58 0.26	45.94 0.54 0.00	39.52 0.58 0.00	34.61 0.34 0.00	32.71 1.01 0.00
PACKARD___115KV_DUPONT_184 80571	27.62 1.09 0.00	25.56 0.91 0.00	24.79 0.63 0.00	23.88 0.40 0.00	23.65 0.40 0.00	24.93 0.54 0.00	26.06 0.76 0.00	29.78 0.56 0.00	31.51 -0.13 0.00	33.54 -0.30 0.00	33.79 0.03 0.00	37.41 0.07 0.00	40.85 0.08 0.00	43.35 -0.31 0.13	44.53 0.04 0.15	50.62 0.25 0.35	59.05 0.24 0.40	64.02 0.51 -0.33	57.43 0.34 0.27	49.35 1.58 0.26	45.94 0.54 0.00	39.52 0.58 0.00	34.61 0.34 0.00	32.71 1.01 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	28.79 2.26 -0.01	26.72 2.07 -0.01	26.10 1.93 -0.01	25.25 1.76 -0.01	24.86 1.60 0.00	26.05 1.66 0.00	27.38 2.07 0.00	31.65 2.43 0.00	34.59 2.75 -0.20	37.31 3.01 -0.45	36.47 2.70 -0.01	40.25 2.76 -0.15	43.70 2.94 0.00	46.91 3.11 -0.02	47.85 3.21 0.00	56.16 4.77 -0.67	66.02 5.92 -0.88	70.02 6.32 -0.52	62.40 4.99 -0.05	50.61 2.59 0.01	47.11 1.72 0.01	41.08 2.14 0.00	36.56 2.30 0.00	33.73 2.03 0.00

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	29.03 2.49 -0.01	26.94 2.29 -0.01	26.32 2.15 -0.01	25.46 1.97 -0.01	25.07 1.81 0.00	26.27 1.88 0.00	27.58 2.28 0.00	31.85 2.63 0.00	34.85 3.01 -0.20	37.51 3.22 -0.45	36.87 3.11 -0.01	40.73 3.25 -0.15	44.23 3.47 0.00	47.48 3.68 -0.02	48.34 3.70 0.00	56.77 5.38 -0.67	66.67 6.57 -0.88	70.72 7.01 -0.52	63.03 5.62 -0.05	51.09 3.07 0.01	47.52 2.13 0.01	41.51 2.57 0.00	36.90 2.64 0.00	34.08 2.38 0.00
PATROON__115KV_TB1 80586	27.33 0.80 0.00	25.41 0.76 0.00	24.96 0.80 0.00	24.28 0.80 0.00	23.97 0.72 0.00	25.15 0.76 0.00	26.01 0.71 0.00	30.01 0.79 0.00	32.43 1.01 0.22	34.44 1.08 0.49	34.77 1.01 0.00	38.22 1.05 0.16	41.87 1.10 0.00	45.00 1.23 0.02	45.93 1.29 0.00	51.95 1.98 0.75	60.96 2.72 0.98	65.45 2.84 0.58	59.66 2.35 0.05	49.61 1.58 0.00	46.35 0.95 0.00	39.84 0.90 0.00	35.29 1.03 0.00	32.52 0.82 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	28.52 1.99 0.00	26.39 1.75 0.00	25.54 1.38 0.00	24.63 1.15 0.00	24.42 1.16 0.00	25.79 1.39 0.00	26.97 1.67 0.00	30.95 1.72 0.00	32.90 1.27 0.00	34.96 1.12 0.00	35.35 1.59 0.00	39.17 1.83 0.00	42.85 2.08 0.00	44.71 0.92 0.00	45.98 1.34 0.00	52.44 1.72 0.00	61.41 2.19 0.00	66.52 2.53 -0.81	59.68 2.18 -0.14	50.76 2.74 0.00	48.07 2.68 0.00	41.32 2.38 0.00	36.08 1.82 0.00	33.89 2.19 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	28.60 2.07 0.00	26.57 1.92 0.00	25.98 1.81 0.00	25.08 1.60 0.00	24.67 1.42 0.00	25.88 1.49 0.00	27.00 1.70 0.00	31.41 2.19 0.00	34.37 2.56 -0.17	37.07 2.84 -0.38	36.56 2.80 0.00	40.45 2.99 -0.13	44.15 3.38 0.00	47.48 3.68 -0.01	48.39 3.75 0.00	56.62 5.33 -0.58	66.49 6.51 -0.76	70.45 6.82 -0.45	63.14 5.74 -0.04	51.72 3.70 0.00	48.07 2.68 0.00	41.70 2.76 0.00	36.66 2.40 0.00	33.86 2.16 0.00
PEEKSKILL____ 23653	28.31 1.78 0.00	26.30 1.65 0.00	25.71 1.55 0.00	24.89 1.41 0.00	24.55 1.30 0.00	25.76 1.37 0.00	26.87 1.57 0.00	31.12 1.90 0.00	34.04 2.21 -0.19	36.82 2.54 -0.43	36.09 2.33 0.00	39.98 2.50 -0.14	43.58 2.81 0.00	46.82 3.02 -0.02	47.67 3.04 0.00	55.79 4.41 -0.66	65.53 5.44 -0.86	69.44 5.75 -0.51	62.05 4.64 -0.05	50.81 2.78 0.00	47.48 2.09 0.00	41.04 2.10 0.00	36.22 1.95 0.00	33.41 1.71 0.00
PGE MADISON__WINDPWR 24146	29.00 2.47 0.00	26.81 2.17 0.00	26.29 2.13 0.00	25.53 2.04 0.00	25.42 2.16 0.00	26.76 2.37 0.00	27.91 2.61 0.00	32.20 2.98 0.00	34.64 3.01 0.00	36.89 3.05 0.00	37.24 3.48 0.00	41.29 3.96 0.00	45.05 4.28 0.00	48.69 4.64 -0.26	49.42 4.46 -0.32	57.22 5.78 -0.72	67.16 7.10 -0.84	73.03 8.03 -1.82	67.37 9.01 -1.01	56.76 8.21 -0.53	53.02 7.62 0.00	44.43 5.49 0.00	38.44 4.18 0.00	35.28 3.58 0.00
PIERCEFIELD__HYD 23852	25.15 -1.38 0.00	23.36 -1.28 0.00	22.96 -1.21 0.00	22.33 -1.15 0.00	22.25 -1.00 0.00	23.35 -1.05 0.00	24.14 -1.16 0.00	27.94 -1.29 0.00	30.40 -1.23 0.00	32.63 -1.22 0.00	32.51 -1.25 0.00	36.03 -1.31 0.00	39.26 -1.51 0.00	42.33 -1.58 -0.12	42.95 -1.83 -0.15	47.57 -3.14 0.00	55.07 -4.15 0.00	42.01 -5.12 16.06	50.45 -4.07 2.84	46.10 -1.92 0.00	44.26 -1.13 0.00	37.62 -1.32 0.00	32.86 -1.40 0.00	30.24 -1.46 0.00
PINELAWN_CC_1 323563	35.82 2.84 -6.45	34.58 2.64 -7.30	32.80 2.51 -6.12	29.29 2.35 -3.46	29.54 2.21 -4.08	31.25 2.34 -4.51	32.99 2.68 -5.01	33.90 3.13 -1.55	36.91 3.54 -1.74	38.82 3.89 -1.09	39.70 3.21 -2.73	40.81 3.29 -0.19	46.09 3.67 -1.65	48.05 3.72 -0.54	52.57 3.84 -4.09	57.66 5.02 -1.92	67.58 5.92 -2.44	72.31 6.13 -3.00	66.41 5.27 -3.78	55.09 3.22 -3.85	48.75 2.77 -0.58	41.83 2.81 -0.08	38.12 2.98 -0.87	34.69 2.95 -0.04
PJM_GEN_HTP_PROXY 323702	28.49 1.96 0.00	26.47 1.82 0.00	25.85 1.69 0.00	25.03 1.55 0.00	24.67 1.42 0.00	25.91 1.51 0.00	27.10 1.80 0.00	31.41 2.19 0.00	34.39 2.56 -0.20	37.23 2.94 -0.44	36.43 2.67 0.00	40.40 2.91 -0.15	43.99 3.22 0.00	47.26 3.46 -0.02	48.43 3.48 -0.31	56.06 4.97 -0.37	66.20 6.10 -0.88	70.15 6.45 -0.52	62.51 5.10 -0.05	51.00 2.98 0.00	47.66 2.27 0.00	41.28 2.34 0.00	36.46 2.19 0.00	33.63 1.93 0.00
PJM_GEN_KEystone 24065	27.91 1.38 0.00	25.90 1.26 0.00	25.20 1.04 0.00	24.40 0.91 0.00	24.09 0.84 0.00	25.37 0.98 0.00	26.52 1.21 0.00	30.60 1.37 0.00	33.01 1.33 -0.05	35.14 1.32 0.03	35.02 1.45 0.19	38.63 1.57 0.28	41.94 1.75 0.58	44.58 1.57 0.78	45.90 1.74 0.48	52.74 2.69 0.66	61.99 3.31 0.54	66.69 3.54 0.03	59.33 2.92 0.95	49.37 2.35 1.01	46.10 1.54 0.84	40.17 1.60 0.37	35.60 1.33 0.00	33.00 1.30 0.00
PJM_GEN_NEPTUNE_PROXY 323594	35.28 2.31 -6.45	34.09 2.14 -7.30	32.29 2.00 -6.12	28.82 1.88 -3.46	29.10 1.77 -4.08	30.76 1.85 -4.51	32.44 2.13 -5.01	33.28 2.51 -1.54	36.25 2.88 -1.73	38.11 3.18 -1.09	38.96 2.77 -2.44	40.40 2.91 -0.15	45.51 3.26 -1.48	47.74 3.42 -0.54	52.16 3.53 -4.00	55.75 4.66 -0.37	65.55 5.44 -0.88	69.39 5.69 -0.52	62.17 4.76 -0.05	50.86 2.83 0.00	47.75 2.36 0.00	41.20 2.26 0.00	36.52 2.26 0.00	33.99 2.25 -0.04
PJM_GEN_VFT_PROXY 323633	28.36 1.83 0.00	26.32 1.68 0.00	25.70 1.55 0.01	24.88 1.41 0.01	24.52 1.28 0.01	25.74 1.34 0.00	26.97 1.67 0.00	31.27 2.04 0.00	33.44 2.37 0.57	33.37 2.74 3.22	33.47 2.43 2.72	35.07 2.61 4.88	35.36 2.89 8.30	35.66 3.11 11.24	36.81 3.08 10.91	45.62 4.61 9.71	51.50 5.69 13.40	54.36 6.01 14.83	46.20 4.70 15.86	36.16 2.54 14.41	35.31 1.91 11.99	35.72 2.02 5.24	36.25 1.99 0.00	33.44 1.74 0.00
PLATSBRG_115KV_PMLD1 355749	25.87 -0.66 0.00	24.08 -0.57 0.00	23.66 -0.51 0.00	23.08 -0.40 0.00	23.04 -0.21 0.00	24.27 -0.12 0.00	25.18 -0.13 0.00	29.25 0.03 0.00	31.92 0.28 0.00	34.29 0.44 0.00	34.06 0.30 0.00	37.67 0.34 0.00	40.97 0.20 0.00	44.14 0.35 0.00	44.99 0.36 0.00	50.26 -0.46 0.00	58.03 -1.18 0.00	56.45 -1.01 5.72	56.00 -0.34 1.01	48.45 0.43 0.00	46.21 0.82 0.00	39.41 0.47 0.00	34.40 0.14 0.00	31.64 -0.06 0.00
PLEASANTVLY__LBMP 24000	28.04 1.51 0.00	26.10 1.45 0.00	25.54 1.38 0.00	24.78 1.29 0.00	24.44 1.19 0.00	25.62 1.22 0.00	26.67 1.37 0.00	30.80 1.58 0.00	33.70 1.83 -0.22	36.42 2.06 -0.50	35.68 1.92 0.00	39.52 2.02 -0.17	43.05 2.28 0.00	46.22 2.41 -0.02	47.09 2.46 0.00	55.14 3.65 -0.77	64.79 4.56 -1.01	68.52 4.74 -0.60	61.20 3.79 -0.05	50.33 2.31 0.00	46.98 1.59 0.00	40.65 1.71 0.00	35.91 1.64 0.00	33.16 1.46 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	28.39 1.86 0.00	26.37 1.73 0.00	25.78 1.62 0.00	24.99 1.50 0.00	24.65 1.40 0.00	25.86 1.46 0.00	27.00 1.70 0.00	31.24 2.02 0.00	34.18 2.34 -0.20	36.93 2.64 -0.44	36.22 2.46 0.00	40.17 2.69 -0.15	43.74 2.98 0.00	47.00 3.20 -0.02	47.90 3.26 0.00	56.06 4.67 -0.68	65.85 5.74 -0.89	69.71 6.00 -0.53	62.28 4.88 -0.05	51.00 2.98 0.00	47.57 2.18 0.00	41.20 2.26 0.00	36.36 2.09 0.00	33.54 1.84 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	28.39 1.86 0.00	26.37 1.73 0.00	25.78 1.62 0.00	24.99 1.50 0.00	24.65 1.40 0.00	25.86 1.46 0.00	27.00 1.70 0.00	31.24 2.02 0.00	34.18 2.34 -0.20	36.93 2.64 -0.44	36.22 2.46 0.00	40.17 2.69 -0.15	43.74 2.98 0.00	47.00 3.20 -0.02	47.90 3.26 0.00	56.06 4.67 -0.68	65.85 5.74 -0.89	69.71 6.00 -0.53	62.28 4.88 -0.05	51.00 2.98 0.00	47.57 2.18 0.00	41.20 2.26 0.00	36.36 2.09 0.00	33.54 1.84 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	28.23 1.70 0.00	26.22 1.58 0.00	25.64 1.47 0.00	24.87 1.39 0.00	24.49 1.23 0.00	25.64 1.24 0.00	26.74 1.44 0.00	30.80 1.58 0.00	33.45 1.87 0.06	35.78 2.06 0.13	35.72 1.96 0.00	39.39 2.09 0.04	43.13 2.36 0.00	46.37 2.58 0.01	47.27 2.63 0.00	54.47 3.96 0.20	63.81 4.86 0.26	68.08 5.05 0.15	61.48 4.13 0.01	50.57 2.55 0.00	47.30 1.91 0.00	40.96 2.02 0.00	36.15 1.88 0.00	33.38 1.68 0.00
POLETTI____ 23519	28.52 1.99 0.00	26.47 1.82 0.00	25.86 1.69 0.00	25.03 1.55 0.00	24.67 1.42 0.00	25.88 1.49 0.00	27.12 1.82 0.00	31.41 2.19 0.00	34.40 2.56 -0.20	37.16 2.88 -0.44	36.36 2.60 0.00	40.28 2.80 -0.15	43.87 3.10 0.00	47.13 3.33 -0.02	47.98 3.35 0.00	56.31 4.92 -0.67	66.08 5.98 -0.88	70.02 6.32 -0.52	62.40 4.99 -0.05	50.86 2.83 0.00	47.44 2.04 0.00	41.20 2.26 0.00	36.42 2.16 0.00	33.63 1.93 0.00
POMONA____ESR 323819	28.25 1.72 0.00	26.25 1.60 0.00	25.61 1.45 0.00	24.85 1.36 0.00	24.48 1.23 0.00	25.69 1.29 0.00	26.82 1.52 0.00	30.97 1.75 0.00	33.84 2.03 -0.18	36.55 2.30 -0.40	35.89 2.13 0.00	39.79 2.32 -0.13	43.34 2.57 0.00	46.61 2.80 -0.02	47.50 2.86 0.00	55.49 4.16 -0.61	65.17 5.15 -0.80	69.02 5.37 -0.47	61.76 4.36 -0.04	50.57 2.54 0.00	47.30 1.91 0.00	40.92 1.98 0.00	36.08 1.81 0.00	33.25 1.55 0.00
PORT_JEFF_3 23555	35.82 2.84 -6.45	34.71 2.76 -7.30	32.92 2.63 -6.12	29.39 2.44 -3.46	29.66 2.33 -4.08	31.37 2.46 -4.51	33.12 2.81 -5.01	33.90 3.13 -1.55	37.04 3.67 -1.73	38.96 4.03 -1.09	40.27 3.48 -3.03	41.61 3.51 -0.76	48.73 3.83 -4.14	48.36 4.03 -0.55	58.64 4.02 -9.98	76.33 5.18 -20.44	90.82 6.04 -25.56	114.22 6.20 -44.85	121.73 5.22 -59.15	112.33 3.36 -60.95	57.53 2.91 -9.23	44.79 2.68 -3.17	38.85 2.81 -1.78	34.72 2.98 -0.04
PORT_JEFF_4 23616	35.82 2.84 -6.45	34.71 2.76 -7.30	32.92 2.63 -6.12	29.39 2.44 -3.46	29.66 2.33 -4.08	31.37 2.46 -4.51	33.12 2.81 -5.01	33.90 3.13 -1.55	37.04 3.67 -1.73	38.96 4.03 -1.09	40.27 3.48 -3.03	41.61 3.51 -0.76	48.73 3.83 -4.14	48.36 4.03 -0.55	58.64 4.02 -9.98	76.33 5.18 -20.44	90.82 6.04 -25.56	114.22 6.20 -44.85	121.73 5.22 -59.15	112.33 3.36 -60.95	57.53 2.91 -9.23	44.79 2.68 -3.17	38.85 2.81 -1.78	34.72 2.98 -0.04
PORT_JEFF_IC 23713	35.89 2.92 -6.45	34.78 2.83 -7.30	32.99 2.71 -6.12	29.46 2.51 -3.46	29.73 2.40 -4.08	31.42 2.51 -4.51	33.20 2.88 -5.01	33.98 3.21 -1.55	37.14 3.76 -1.73	39.06 4.13 -1.09	40.37 3.61 -2.99	41.85 3.66 -0.86	49.17 3.87 -4.53	48.41 4.07 -0.55	59.60 4.06 -10.91	79.33 5.27 -23.34	94.56 6.16 -29.18	123.53 6.38 -53.97	130.57 5.39 -67.82	121.37 3.46 -69.88	58.93 2.95 -10.59	46.35 2.81 -4.60	38.87 2.95 -1.66	34.82 3.07 -0.04
PPL PILGRIM_ST_GT1 24216	35.92 2.94 -6.45	34.73 2.78 -7.30	32.92 2.63 -6.12	29.41 2.47 -3.46	29.68 2.35 -4.08	31.39 2.49 -4.51	33.15 2.83 -5.01	34.04 3.27 -1.55	37.14 3.76 -1.73	39.03 4.09 -1.09	42.09 3.81 -4.52	41.42 3.81 -0.27	46.95 4.16 -2.02	48.71 4.38 -0.54	53.85 4.24 -4.97	60.84 5.43 -4.70	71.52 6.40 -5.91	78.32 6.63 -8.50	75.17 5.74 -12.08	64.03 3.60 -12.40	50.54 3.27 -1.88	42.47 3.27 -0.26	43.55 3.12 -6.17	34.85 3.11 -0.04
PPL PILGRIM_ST_GT2 24217	35.92 2.94 -6.45	34.73 2.78 -7.30	32.92 2.63 -6.12	29.41 2.47 -3.46	29.68 2.35 -4.08	31.39 2.49 -4.51	33.15 2.83 -5.01	34.04 3.27 -1.55	37.14 3.76 -1.73	39.03 4.09 -1.09	42.09 3.81 -4.52	41.42 3.81 -0.27	46.95 4.16 -2.02	48.71 4.38 -0.54	53.85 4.24 -4.97	60.84 5.43 -4.70	71.52 6.40 -5.91	78.32 6.63 -8.50	75.17 5.74 -12.08	64.03 3.60 -12.40	50.54 3.27 -1.88	42.47 3.27 -0.26	43.55 3.12 -6.17	34.85 3.11 -0.04
PPL_SHRM_GT3 24213	35.63 2.65 -6.45	34.73 2.78 -7.30	32.97 2.68 -6.12	29.41 2.47 -3.46	29.68 2.35 -4.08	31.39 2.49 -4.51	33.15 2.83 -5.01	33.69 2.92 -1.55	36.85 3.48 -1.73	38.82 3.89 -1.09	40.41 3.61 -3.04	41.81 3.70 -0.77	49.19 4.24 -4.18	48.80 4.47 -0.55	59.15 4.42 -10.10	77.00 5.48 -20.80	91.63 6.40 -26.01	116.09 6.69 -46.21	123.61 6.02 -60.23	113.96 3.89 -62.05	58.15 3.36 -9.40	45.33 2.96 -3.43	38.90 2.84 -1.79	34.66 2.91 -0.04
PPL_SHRM_GT4 24214	35.63 2.65 -6.45	34.73 2.78 -7.30	32.97 2.68 -6.12	29.41 2.47 -3.46	29.68 2.35 -4.08	31.39 2.49 -4.51	33.15 2.83 -5.01	33.69 2.92 -1.55	36.85 3.48 -1.73	38.82 3.89 -1.09	40.41 3.61 -3.04	41.81 3.70 -0.77	49.19 4.24 -4.18	48.80 4.47 -0.55	59.15 4.42 -10.10	77.00 5.48 -20.80	91.63 6.40 -26.01	116.09 6.69 -46.21	123.61 6.02 -60.23	113.96 3.89 -62.05	58.15 3.36 -9.40	45.33 2.96 -3.43	38.90 2.84 -1.79	34.66 2.91 -0.04
PROJECT___ORANGE 1 24174	26.66 0.13 0.00	24.72 0.07 0.00	24.16 0.00 0.00	23.44 -0.05 0.00	23.23 -0.02 0.00	24.42 0.02 0.00	25.35 0.05 0.00	29.31 0.09 0.00	31.51 -0.13 0.00	33.64 -0.20 0.00	33.76 0.00 0.00	37.41 0.07 0.00	40.89 0.12 0.00	44.28 0.22 -0.27	45.23 0.27 -0.33	52.08 0.61 -0.75	60.80 0.71 -0.87	66.63 0.88 -2.56	59.44 0.92 -1.16	49.44 0.86 -0.55	45.85 0.45 0.00	39.17 0.23 0.00	34.37 0.10 0.00	31.92 0.22 0.00
PROJECT___ORANGE 2 24166	26.66 0.13 0.00	24.72 0.07 0.00	24.16 0.00 0.00	23.44 -0.05 0.00	23.23 -0.02 0.00	24.42 0.02 0.00	25.35 0.05 0.00	29.31 0.09 0.00	31.51 -0.13 0.00	33.64 -0.20 0.00	33.76 0.00 0.00	37.41 0.07 0.00	40.89 0.12 0.00	44.28 0.22 -0.27	45.23 0.27 -0.33	52.08 0.61 -0.75	60.80 0.71 -0.87	66.63 0.88 -2.56	59.44 0.92 -1.16	49.44 0.86 -0.55	45.85 0.45 0.00	39.17 0.23 0.00	34.37 0.10 0.00	31.92 0.22 0.00
PUCKETT___SOLAR 323809	27.80 1.27 0.00	25.78 1.13 0.00	25.20 1.04 0.00	24.45 0.96 0.00	24.23 0.98 0.00	25.49 1.10 0.00	26.52 1.21 0.00	30.60 1.37 0.00	32.87 1.23 0.00	35.10 1.25 0.00	35.21 1.45 0.00	38.94 1.60 0.00	42.52 1.75 0.00	45.76 1.75 -0.22	46.73 1.83 -0.26	53.95 2.64 -0.60	63.34 3.43 -0.69	67.95 3.92 -0.85	62.26 4.19 -0.71	52.35 3.89 -0.44	48.71 3.31 0.00	41.51 2.57 0.00	36.22 1.95 0.00	33.47 1.77 0.00
PYRITES___HYD 24023	25.68 -0.85 0.00	23.83 -0.81 0.00	23.41 -0.75 0.00	22.80 -0.68 0.00	22.74 -0.51 0.00	23.86 -0.54 0.00	24.67 -0.63 0.00	28.52 -0.70 0.00	31.04 -0.60 0.00	33.27 -0.58 0.00	33.29 -0.47 0.00	36.89 -0.45 0.00	40.24 -0.53 0.00	43.31 -0.48 0.00	43.70 -0.94 0.00	48.54 -2.18 0.00	56.14 -3.08 0.00	44.42 -3.92 14.84	51.87 -2.87 2.63	47.11 -0.91 0.00	45.30 -0.09 0.00	38.43 -0.51 0.00	33.55 -0.72 0.00	30.81 -0.89 0.00

QUAKERRD_115KV_BK1 80622	26.80 0.27 0.00	24.79 0.15 0.00	24.14 -0.02 0.00	23.34 -0.14 0.00	23.16 -0.09 0.00	24.37 -0.02 0.00	25.38 0.08 0.00	29.28 0.06 0.00	31.32 -0.32 0.00	33.41 -0.44 0.00	33.59 -0.17 0.00	37.30 -0.04 0.00	40.77 0.00 0.00	43.75 0.13 0.17	44.79 0.36 0.21	50.95 0.71 0.47	59.44 0.77 0.55	64.39 1.01 -0.19	57.81 0.86 0.41	49.11 1.44 0.35	45.98 0.59 0.00	39.25 0.31 0.00	34.37 0.10 0.00	32.11 0.41 0.00
QUENSBRY_115KV_TB8 356137	28.04 1.51 0.00	26.05 1.40 0.00	25.52 1.35 0.00	24.82 1.34 0.00	24.53 1.28 0.00	25.91 1.51 0.00	26.85 1.54 0.00	30.97 1.75 0.00	33.56 2.15 0.23	35.49 2.17 0.52	35.55 1.79 0.00	39.07 1.90 0.17	42.97 2.20 0.00	46.18 2.41 0.02	47.23 2.59 0.00	53.27 3.35 0.80	63.09 4.92 1.04	67.94 5.37 0.61	62.58 5.28 0.06	52.15 4.13 0.00	48.53 3.13 0.00	41.63 2.69 0.00	36.60 2.33 0.00	33.57 1.87 0.00
RAMAPO___LBMP 323565	28.15 1.62 0.00	26.15 1.50 0.00	25.54 1.38 0.00	24.78 1.29 0.00	24.42 1.16 0.00	25.62 1.22 0.00	26.77 1.47 0.00	30.92 1.69 0.00	33.77 1.96 -0.18	36.41 2.17 -0.40	35.79 2.03 0.00	39.67 2.20 -0.13	43.21 2.45 0.00	46.48 2.67 -0.02	47.32 2.68 0.00	55.33 4.01 -0.61	64.93 4.92 -0.79	68.77 5.12 -0.47	61.53 4.13 -0.04	50.42 2.40 0.00	47.07 1.68 0.00	40.77 1.83 0.00	35.98 1.71 0.00	33.19 1.49 0.00
RANKINE____ 23646	28.57 2.04 0.00	26.42 1.77 0.00	25.61 1.45 0.00	24.68 1.20 0.00	24.46 1.21 0.00	25.81 1.41 0.00	26.97 1.67 0.00	30.95 1.72 0.00	32.84 1.20 0.00	34.93 1.08 0.00	35.28 1.52 0.00	39.09 1.75 0.00	42.77 2.00 0.00	45.15 1.36 0.00	46.42 1.79 0.00	52.95 2.23 0.00	62.00 2.78 0.00	67.09 3.10 -0.81	60.26 2.75 -0.14	51.34 3.31 0.00	48.03 2.63 0.00	41.28 2.34 0.00	36.05 1.78 0.00	33.92 2.22 0.00
RAVENSWOOD_GT2_1 24244	28.57 2.04 0.00	26.52 1.87 0.00	25.90 1.74 0.00	25.08 1.60 0.00	24.72 1.46 0.00	25.93 1.54 0.00	27.17 1.87 0.00	31.47 2.25 0.00	34.46 2.63 -0.20	37.23 2.94 -0.44	36.43 2.67 0.00	40.36 2.88 -0.15	43.95 3.18 0.00	47.18 3.37 -0.02	48.03 3.39 0.00	56.36 4.97 -0.67	66.14 6.04 -0.88	70.09 6.38 -0.52	62.45 5.05 -0.05	50.95 2.93 0.00	47.53 2.13 0.00	41.28 2.34 0.00	36.49 2.23 0.00	33.70 2.00 0.00
RAVENSWOOD_GT2_2 24245	28.57 2.04 0.00	26.52 1.87 0.00	25.90 1.74 0.00	25.08 1.60 0.00	24.72 1.46 0.00	25.93 1.54 0.00	27.17 1.87 0.00	31.47 2.25 0.00	34.46 2.63 -0.20	37.23 2.94 -0.44	36.43 2.67 0.00	40.36 2.88 -0.15	43.95 3.18 0.00	47.18 3.37 -0.02	48.03 3.39 0.00	56.36 4.97 -0.67	66.14 6.04 -0.88	70.09 6.38 -0.52	62.45 5.05 -0.05	50.95 2.93 0.00	47.53 2.13 0.00	41.28 2.34 0.00	36.49 2.23 0.00	33.70 2.00 0.00
RAVENSWOOD_GT2_3 24246	28.57 2.04 0.00	26.54 1.90 0.00	25.93 1.76 0.00	25.10 1.62 0.00	24.74 1.49 0.00	25.96 1.56 0.00	27.20 1.90 0.00	31.50 2.28 0.00	34.49 2.66 -0.20	37.26 2.98 -0.44	36.46 2.70 0.00	40.40 2.91 -0.15	43.95 3.18 0.00	47.22 3.42 -0.02	48.07 3.44 0.00	56.41 5.02 -0.67	66.20 6.10 -0.88	70.15 6.44 -0.52	62.51 5.11 -0.05	51.00 2.98 0.00	47.57 2.18 0.00	41.32 2.38 0.00	36.53 2.26 0.00	33.70 2.00 0.00
RAVENSWOOD_GT2_4 24247	28.57 2.04 0.00	26.54 1.90 0.00	25.93 1.76 0.00	25.10 1.62 0.00	24.74 1.49 0.00	25.96 1.56 0.00	27.20 1.90 0.00	31.50 2.28 0.00	34.49 2.66 -0.20	37.26 2.98 -0.44	36.46 2.70 0.00	40.40 2.91 -0.15	43.95 3.18 0.00	47.22 3.42 -0.02	48.07 3.44 0.00	56.41 5.02 -0.67	66.20 6.10 -0.88	70.15 6.44 -0.52	62.51 5.11 -0.05	51.00 2.98 0.00	47.57 2.18 0.00	41.32 2.38 0.00	36.53 2.26 0.00	33.70 2.00 0.00
RAVENSWOOD_GT3_1 24248	28.57 2.04 0.00	26.52 1.87 0.00	25.90 1.74 0.00	25.08 1.60 0.00	24.72 1.46 0.00	25.93 1.54 0.00	27.17 1.87 0.00	31.47 2.25 0.00	34.46 2.63 -0.20	37.23 2.94 -0.44	36.43 2.67 0.00	40.36 2.88 -0.15	43.95 3.18 0.00	47.18 3.37 -0.02	48.03 3.39 0.00	56.36 4.97 -0.67	66.14 6.04 -0.88	70.09 6.38 -0.52	62.45 5.05 -0.05	50.95 2.93 0.00	47.53 2.13 0.00	41.28 2.34 0.00	36.49 2.23 0.00	33.70 2.00 0.00
RAVENSWOOD_GT3_2 24249	28.57 2.04 0.00	26.52 1.87 0.00	25.90 1.74 0.00	25.08 1.60 0.00	24.72 1.46 0.00	25.93 1.54 0.00	27.17 1.87 0.00	31.47 2.25 0.00	34.46 2.63 -0.20	37.23 2.94 -0.44	36.43 2.67 0.00	40.36 2.88 -0.15	43.95 3.18 0.00	47.18 3.37 -0.02	48.03 3.39 0.00	56.36 4.97 -0.67	66.14 6.04 -0.88	70.09 6.38 -0.52	62.45 5.05 -0.05	50.95 2.93 0.00	47.53 2.13 0.00	41.28 2.34 0.00	36.49 2.23 0.00	33.70 2.00 0.00
RAVENSWOOD_GT3_3 24250	28.63 2.10 0.00	26.57 1.92 0.00	25.95 1.79 0.00	25.13 1.64 0.00	24.76 1.51 0.00	25.98 1.59 0.00	27.23 1.92 0.00	31.53 2.31 0.00	34.52 2.69 -0.20	37.30 3.01 -0.44	36.49 2.73 0.00	40.43 2.95 -0.15	44.03 3.26 0.00	47.27 3.46 -0.02	48.12 3.48 0.00	56.46 5.07 -0.67	66.32 6.22 -0.88	70.21 6.51 -0.52	62.63 5.22 -0.05	51.05 3.03 0.00	47.62 2.22 0.00	41.35 2.41 0.00	36.56 2.30 0.00	33.76 2.06 0.00
RAVENSWOOD_GT3_4 24251	28.63 2.10 0.00	26.57 1.92 0.00	25.95 1.79 0.00	25.13 1.64 0.00	24.76 1.51 0.00	25.98 1.59 0.00	27.23 1.92 0.00	31.53 2.31 0.00	34.52 2.69 -0.20	37.30 3.01 -0.44	36.49 2.73 0.00	40.43 2.95 -0.15	44.03 3.26 0.00	47.27 3.46 -0.02	48.12 3.48 0.00	56.46 5.07 -0.67	66.32 6.22 -0.88	70.21 6.51 -0.52	62.63 5.22 -0.05	51.05 3.03 0.00	47.62 2.22 0.00	41.35 2.41 0.00	36.56 2.30 0.00	33.76 2.06 0.00
RAVENSWOOD_GT_1 23729	28.71 2.18 0.00	26.64 2.00 0.00	26.02 1.86 0.00	25.18 1.69 0.00	24.81 1.56 0.00	26.03 1.63 0.00	27.30 2.00 0.00	31.62 2.40 0.00	34.63 2.78 -0.20	37.48 3.18 -0.45	36.64 2.87 -0.01	40.47 2.99 -0.15	43.99 3.22 0.00	47.18 3.37 -0.02	48.03 3.39 0.00	56.37 4.97 -0.68	66.21 6.10 -0.89	70.22 6.51 -0.53	62.52 5.10 -0.06	50.80 2.78 0.01	47.52 2.13 0.01	41.32 2.38 0.00	36.63 2.36 0.00	33.76 2.06 0.00
RAVENSWOOD_GT_10 24258	28.57 2.04 0.00	26.52 1.87 0.00	25.90 1.74 0.00	25.08 1.60 0.00	24.72 1.46 0.00	25.93 1.54 0.00	27.17 1.87 0.00	31.47 2.25 0.00	34.46 2.63 -0.19	37.23 2.94 -0.44	36.43 2.67 0.00	40.36 2.88 -0.15	43.95 3.18 0.00	47.18 3.37 -0.02	48.07 3.44 0.00	56.36 4.97 -0.67	66.20 6.10 -0.88	70.09 6.38 -0.52	62.51 5.11 -0.05	50.95 2.93 0.00	47.53 2.13 0.00	41.28 2.34 0.00	36.49 2.23 0.00	33.70 2.00 0.00
RAVENSWOOD_GT_11 24259	28.57 2.04 0.00	26.52 1.87 0.00	25.90 1.74 0.00	25.08 1.60 0.00	24.72 1.47 0.00	25.93 1.54 0.00	27.17 1.87 0.00	31.47 2.25 0.00	34.46 2.62 -0.19	37.30 3.01 -0.44	36.46 2.70 0.00	40.40 2.91 -0.15	43.95 3.18 0.00	47.22 3.42 -0.02	48.07 3.44 0.00	56.37 4.97 -0.68	66.20 6.10 -0.88	70.15 6.45 -0.52	62.57 5.16 -0.05	51.00 2.98 0.00	47.66 2.27 0.00	41.28 2.34 0.00	36.49 2.23 0.00	33.70 2.00 0.00



RAVENSWOOD_GT_4 24252	28.55 2.02 0.00	26.52 1.87 0.00	25.90 1.74 0.00	25.08 1.60 0.00	24.72 1.46 0.00	25.93 1.54 0.00	27.17 1.87 0.00	31.47 2.25 0.00	34.42 2.59 -0.19	37.23 2.94 -0.43	36.42 2.67 0.01	40.36 2.88 -0.15	43.95 3.18 0.00	47.22 3.42 -0.02	48.07 3.44 0.00	56.42 5.02 -0.68	66.21 6.10 -0.89	70.15 6.44 -0.53	62.52 5.11 -0.05	50.99 2.98 0.01	47.57 2.18 0.00	41.32 2.38 0.00	36.49 2.23 0.00	33.70 2.00 0.00
RAVENSWOOD_GT_5 24254	28.55 2.02 0.00	26.52 1.87 0.00	25.90 1.74 0.00	25.08 1.60 0.00	24.72 1.46 0.00	25.93 1.54 0.00	27.17 1.87 0.00	31.47 2.25 0.00	34.42 2.59 -0.19	37.23 2.94 -0.43	36.42 2.67 0.01	40.36 2.88 -0.15	43.95 3.18 0.00	47.22 3.42 -0.02	48.07 3.44 0.00	56.42 5.02 -0.68	66.21 6.10 -0.89	70.15 6.44 -0.53	62.52 5.11 -0.05	50.99 2.98 0.01	47.57 2.18 0.00	41.32 2.38 0.00	36.49 2.23 0.00	33.70 2.00 0.00
RAVENSWOOD_GT_6 24253	28.55 2.02 0.00	26.52 1.87 0.00	25.90 1.74 0.00	25.08 1.60 0.00	24.72 1.46 0.00	25.93 1.54 0.00	27.17 1.87 0.00	31.47 2.25 0.00	34.42 2.59 -0.19	37.23 2.94 -0.43	36.42 2.67 0.01	40.36 2.88 -0.15	43.95 3.18 0.00	47.22 3.42 -0.02	48.07 3.44 0.00	56.42 5.02 -0.68	66.21 6.10 -0.89	70.15 6.44 -0.53	62.52 5.11 -0.05	50.99 2.98 0.01	47.57 2.18 0.00	41.32 2.38 0.00	36.49 2.23 0.00	33.70 2.00 0.00
RAVENSWOOD_GT_7 24255	28.55 2.02 0.00	26.52 1.87 0.00	25.90 1.74 0.00	25.08 1.60 0.00	24.72 1.46 0.00	25.93 1.54 0.00	27.17 1.87 0.00	31.47 2.25 0.00	34.42 2.59 -0.19	37.23 2.94 -0.43	36.42 2.67 0.01	40.36 2.88 -0.15	43.95 3.18 0.00	47.22 3.42 -0.02	48.07 3.44 0.00	56.42 5.02 -0.68	66.21 6.10 -0.89	70.15 6.44 -0.53	62.52 5.11 -0.05	50.99 2.98 0.01	47.57 2.18 0.00	41.32 2.38 0.00	36.49 2.23 0.00	33.70 2.00 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	28.57 2.04 0.00	26.52 1.87 0.00	25.90 1.74 0.00	25.08 1.60 0.00	24.72 1.46 0.00	25.93 1.54 0.00	27.17 1.87 0.00	31.47 2.25 0.00	34.46 2.63 -0.19	37.23 2.94 -0.44	36.43 2.67 0.00	40.36 2.88 -0.15	43.95 3.18 0.00	47.18 3.37 -0.02	48.07 3.44 0.00	56.36 4.97 -0.67	66.20 6.10 -0.88	70.09 6.38 -0.52	62.51 5.11 -0.05	50.95 2.93 0.00	47.53 2.13 0.00	41.28 2.34 0.00	36.49 2.23 0.00	33.70 2.00 0.00
RAVENSWOOD_GT_9 24257	28.57 2.04 0.00	26.52 1.87 0.00	25.90 1.74 0.00	25.08 1.60 0.00	24.72 1.46 0.00	25.93 1.54 0.00	27.17 1.87 0.00	31.47 2.25 0.00	34.46 2.63 -0.19	37.23 2.94 -0.44	36.43 2.67 0.00	40.36 2.88 -0.15	43.95 3.18 0.00	47.18 3.37 -0.02	48.07 3.44 0.00	56.36 4.97 -0.67	66.20 6.10 -0.88	70.09 6.38 -0.52	62.51 5.11 -0.05	50.95 2.93 0.00	47.53 2.13 0.00	41.28 2.34 0.00	36.49 2.23 0.00	33.70 2.00 0.00
RAVENSWOOD___1 23533	28.68 2.15 0.00	26.62 1.97 0.00	26.00 1.84 0.00	25.18 1.69 0.00	24.79 1.53 0.00	26.01 1.61 0.00	27.28 1.97 0.00	31.59 2.37 0.00	34.63 2.78 -0.20	37.44 3.15 -0.45	36.60 2.84 -0.01	40.47 2.99 -0.15	43.95 3.18 0.00	47.18 3.37 -0.02	47.99 3.35 0.00	56.31 4.92 -0.68	66.14 6.04 -0.88	70.15 6.45 -0.52	62.46 5.05 -0.05	50.75 2.74 0.01	47.48 2.09 0.01	41.28 2.34 0.00	36.60 2.33 0.00	33.73 2.03 0.00
RAVENSWOOD___2 23534	28.63 2.10 0.00	26.57 1.92 0.00	25.95 1.79 0.00	25.10 1.62 0.00	24.72 1.47 0.00	25.96 1.56 0.00	27.22 1.92 0.00	31.53 2.31 0.00	34.53 2.69 -0.20	37.37 3.08 -0.45	36.50 2.73 -0.01	40.36 2.88 -0.15	43.66 2.89 0.00	46.83 3.02 -0.02	47.58 2.95 0.00	55.86 4.46 -0.68	65.61 5.51 -0.88	69.58 5.88 -0.52	61.94 4.53 -0.05	50.32 2.30 0.01	47.11 1.72 0.01	41.20 2.26 0.00	36.49 2.23 0.00	33.63 1.93 0.00
RAVENSWOOD___3 23535	28.57 2.04 0.00	26.54 1.90 0.00	25.90 1.74 0.00	25.10 1.62 0.00	24.72 1.47 0.00	25.96 1.56 0.00	27.17 1.87 0.00	31.47 2.25 0.00	34.46 2.62 -0.20	37.30 3.01 -0.44	36.46 2.70 0.00	40.40 2.91 -0.15	43.95 3.18 0.00	47.22 3.42 -0.02	48.07 3.44 0.00	56.37 4.97 -0.68	66.20 6.10 -0.88	70.15 6.45 -0.52	62.57 5.16 -0.05	51.00 2.98 0.00	47.66 2.27 0.00	41.28 2.34 0.00	36.53 2.26 0.00	33.70 2.00 0.00
RAVENSWOOD___4 23820	28.65 2.12 0.00	26.62 1.97 0.00	25.98 1.81 0.00	25.15 1.67 0.00	24.76 1.51 0.00	25.98 1.58 0.00	27.25 1.95 0.00	31.56 2.34 0.00	34.59 2.75 -0.20	37.40 3.11 -0.45	36.57 2.80 -0.01	40.43 2.95 -0.15	43.91 3.14 0.00	47.13 3.33 -0.02	47.94 3.30 0.00	56.25 4.87 -0.67	66.14 6.04 -0.88	70.08 6.38 -0.51	62.39 4.99 -0.04	50.75 2.74 0.01	47.43 2.04 0.01	41.28 2.34 0.00	36.56 2.30 0.00	33.70 2.00 0.00
RCPL_TRUST___DRP 24196	28.55 2.02 0.00	26.52 1.87 0.00	25.90 1.74 0.00	25.08 1.60 0.00	24.72 1.46 0.00	25.93 1.54 0.00	27.17 1.87 0.00	31.50 2.28 0.00	34.49 2.66 -0.20	37.26 2.98 -0.44	36.49 2.73 0.00	40.47 2.99 -0.15	44.07 3.30 0.00	47.35 3.55 -0.02	48.21 3.57 0.00	56.51 5.12 -0.67	66.38 6.28 -0.88	70.21 6.51 -0.52	62.57 5.16 -0.05	51.05 3.03 0.00	47.62 2.22 0.00	41.35 2.41 0.00	36.49 2.23 0.00	33.70 2.00 0.00
RED___ROCHESTER 323720	27.99 1.46 0.00	25.88 1.23 0.00	25.15 0.99 0.00	24.31 0.82 0.00	24.11 0.86 0.00	25.37 0.98 0.00	26.52 1.21 0.00	30.51 1.28 0.00	32.56 0.92 0.00	34.59 0.74 0.00	34.87 1.11 0.00	38.72 1.38 0.00	42.32 1.55 0.00	45.41 1.80 0.17	46.57 2.14 0.21	53.18 2.94 0.48	61.86 3.20 0.55	66.90 3.54 -0.18	60.04 3.10 0.42	51.61 3.94 0.35	47.89 2.50 0.00	40.92 1.98 0.00	35.77 1.51 0.00	33.54 1.84 0.00
REGAN___SOLAR 323812	29.34 2.81 0.00	27.16 2.51 0.00	26.60 2.44 0.00	25.88 2.40 0.00	25.60 2.35 0.00	27.15 2.76 0.00	28.11 2.81 0.00	32.49 3.27 0.00	35.08 3.61 0.16	36.91 3.42 0.36	38.12 4.36 0.00	41.77 4.55 0.12	46.03 5.26 0.00	49.29 5.52 0.01	48.97 4.33 0.00	55.44 5.27 0.55	66.08 7.58 0.72	71.17 8.40 0.42	65.58 8.26 0.04	54.98 6.96 0.00	51.29 5.90 0.00	43.61 4.67 0.00	38.31 4.04 0.00	35.16 3.46 0.00
RENSSELAER___COGEN 23796	27.17 0.64 0.00	25.26 0.62 0.00	24.82 0.65 0.00	24.17 0.68 0.00	23.86 0.60 0.00	25.01 0.61 0.00	25.86 0.56 0.00	29.81 0.58 0.00	32.22 0.79 0.21	34.25 0.88 0.48	34.54 0.78 0.00	37.96 0.79 0.16	41.50 0.73 0.00	44.56 0.79 0.02	45.48 0.85 0.00	51.50 1.52 0.74	60.38 2.13 0.96	64.82 2.21 0.57	59.03 1.72 0.05	49.08 1.06 0.00	45.98 0.59 0.00	39.48 0.54 0.00	35.09 0.82 0.00	32.33 0.63 0.00
REPUBLIC_115KV_BARTNBRK 55605	29.53 3.00 0.00	27.36 2.71 0.00	26.77 2.61 0.00	26.02 2.54 0.00	25.74 2.49 0.00	27.37 2.98 0.00	28.29 2.99 0.00	32.76 3.54 0.00	35.58 4.18 0.23	37.49 4.16 0.52	37.81 4.05 0.00	41.61 4.44 0.17	45.90 5.14 0.00	49.42 5.65 0.02	50.53 5.89 0.00	56.81 6.90 0.80	67.99 9.83 1.05	73.24 10.68 0.62	67.57 10.27 0.06	56.33 8.31 0.00	52.07 6.67 0.00	44.39 5.45 0.00	38.86 4.59 0.00	35.54 3.84 0.00

REVERE_CPDR_DRP 24186	27.56 1.03 0.00	25.51 0.86 0.00	25.01 0.85 0.00	24.28 0.80 0.00	24.11 0.86 0.00	25.32 0.93 0.00	26.36 1.06 0.00	30.45 1.23 0.00	32.93 1.30 0.00	35.17 1.32 0.00	35.28 1.52 0.00	39.13 1.79 0.00	42.72 1.96 0.00	46.12 2.19 -0.15	46.91 2.10 -0.17	53.73 2.59 -0.42	62.79 3.08 -0.49	71.42 3.41 -4.82	62.46 3.84 -1.25	51.74 3.41 -0.31	48.57 3.18 0.00	41.08 2.14 0.00	35.91 1.64 0.00	33.00 1.30 0.00
REYNOLDS_115KV_TB3 80639	27.38 0.85 0.00	25.46 0.81 0.00	25.01 0.85 0.00	24.35 0.87 0.00	24.04 0.79 0.00	25.20 0.81 0.00	26.06 0.76 0.00	30.01 0.79 0.00	32.40 1.01 0.25	34.36 1.08 0.57	34.74 0.98 0.00	38.16 1.01 0.19	41.83 1.06 0.00	44.90 1.14 0.02	45.84 1.21 0.00	51.83 1.98 0.87	60.75 2.66 1.14	65.23 2.72 0.67	59.54 2.24 0.06	49.51 1.49 0.00	46.26 0.86 0.00	39.84 0.90 0.00	35.29 1.03 0.00	32.56 0.86 0.00
RIVERBAY____ 323610	29.03 2.49 -0.01	26.94 2.29 -0.01	26.32 2.15 -0.01	25.46 1.97 -0.01	25.07 1.81 0.00	26.27 1.88 0.00	27.58 2.28 0.00	31.85 2.63 0.00	34.85 3.01 -0.20	37.51 3.22 -0.45	36.87 3.11 -0.01	40.73 3.25 -0.15	44.23 3.47 0.00	47.48 3.68 -0.02	48.34 3.70 0.00	56.77 5.38 -0.67	66.67 6.57 -0.88	70.72 7.01 -0.52	63.03 5.62 -0.05	51.09 3.07 0.01	47.52 2.13 0.01	41.51 2.57 0.00	36.90 2.64 0.00	34.08 2.38 0.00
RIVERSDE_115KV_TB3 55908	27.30 0.77 0.00	25.38 0.74 0.00	24.94 0.77 0.00	24.28 0.80 0.00	23.97 0.72 0.00	25.13 0.73 0.00	25.99 0.68 0.00	29.98 0.76 0.00	32.35 0.95 0.23	34.37 1.05 0.52	34.70 0.95 0.00	38.14 0.97 0.17	41.79 1.02 0.00	44.86 1.09 0.02	45.80 1.16 0.00	51.79 1.88 0.80	60.78 2.61 1.05	65.22 2.65 0.62	59.48 2.18 0.06	49.46 1.44 0.00	46.21 0.82 0.00	39.76 0.82 0.00	35.26 0.99 0.00	32.49 0.79 0.00
ROARING__BROOK_WT_PWR 323790	26.05 -0.48 0.00	24.23 -0.42 0.00	23.80 -0.36 0.00	23.20 -0.28 0.00	23.04 -0.21 0.00	24.25 -0.15 0.00	25.23 -0.08 0.00	29.22 0.00 0.00	31.70 0.06 0.00	33.95 0.10 0.00	33.86 0.10 0.00	37.45 0.11 0.00	40.85 0.08 0.00	43.79 0.00 0.00	44.59 -0.04 0.00	50.72 0.00 0.00	59.22 0.00 0.00	63.25 0.06 0.00	57.59 0.23 0.00	48.12 0.10 0.00	45.26 -0.14 0.00	38.71 -0.23 0.00	34.03 -0.24 0.00	31.41 -0.29 0.00
ROCHESRG_115KV_T4 355643	27.62 1.09 0.00	25.56 0.91 0.00	24.84 0.68 0.00	24.02 0.54 0.00	23.81 0.56 0.00	25.05 0.66 0.00	26.14 0.83 0.00	30.10 0.88 0.00	32.11 0.47 0.00	34.25 0.41 0.00	34.43 0.68 0.00	38.23 0.90 0.00	41.75 0.98 0.00	44.74 1.14 0.18	45.89 1.47 0.22	52.14 1.93 0.51	60.88 2.25 0.59	65.85 2.53 -0.14	59.14 2.24 0.45	50.43 2.79 0.37	47.12 1.72 0.00	40.26 1.32 0.00	35.29 1.03 0.00	33.00 1.30 0.00
ROCHESTER_9_IC 23652	27.83 1.30 0.00	25.73 1.08 0.00	25.01 0.85 0.00	24.16 0.68 0.00	23.97 0.72 0.00	25.22 0.83 0.00	26.31 1.01 0.00	30.33 1.11 0.00	32.36 0.73 0.00	34.49 0.64 0.00	34.70 0.95 0.00	38.53 1.19 0.00	42.11 1.35 0.00	45.15 1.53 0.17	46.30 1.87 0.21	52.73 2.49 0.48	61.45 2.78 0.55	66.53 3.16 -0.18	59.70 2.75 0.42	50.94 3.27 0.35	47.57 2.18 0.00	40.65 1.71 0.00	35.57 1.30 0.00	33.28 1.58 0.00
ROCKVIEW_13_KV_LD 356306	28.57 2.04 0.00	26.52 1.87 0.00	25.93 1.76 0.00	25.13 1.64 0.00	24.76 1.51 0.00	26.01 1.61 0.00	27.17 1.87 0.00	31.47 2.25 0.00	34.43 2.59 -0.20	37.23 2.94 -0.44	36.49 2.73 0.00	40.47 2.99 -0.15	44.07 3.30 0.00	47.35 3.55 -0.02	48.25 3.62 0.00	56.51 5.12 -0.67	66.38 6.28 -0.88	70.28 6.57 -0.52	62.80 5.39 -0.05	51.29 3.27 0.00	47.89 2.50 0.00	41.43 2.49 0.00	36.56 2.30 0.00	33.76 2.06 0.00
ROME____115KV_TB2 80656	27.56 1.03 0.00	25.51 0.86 0.00	25.01 0.85 0.00	24.28 0.80 0.00	24.11 0.86 0.00	25.32 0.93 0.00	26.36 1.06 0.00	30.45 1.23 0.00	32.93 1.30 0.00	35.17 1.32 0.00	35.28 1.52 0.00	39.13 1.79 0.00	42.72 1.96 0.00	46.12 2.19 -0.15	46.91 2.10 -0.17	53.73 2.59 -0.42	62.79 3.08 -0.49	71.42 3.41 -4.82	62.46 3.84 -1.25	51.74 3.41 -0.31	48.57 3.18 0.00	41.08 2.14 0.00	35.91 1.64 0.00	33.00 1.30 0.00
ROSETON__1 23587	28.04 1.51 0.00	26.07 1.43 0.00	25.49 1.33 0.00	24.75 1.27 0.00	24.41 1.16 0.00	25.59 1.20 0.00	26.64 1.34 0.00	30.77 1.55 0.00	33.62 1.80 -0.18	36.31 2.06 -0.40	35.65 1.89 0.00	39.45 1.98 -0.13	43.01 2.24 0.00	46.21 2.41 -0.02	47.05 2.41 0.00	54.93 3.60 -0.61	64.46 4.44 -0.80	68.33 4.68 -0.47	61.19 3.78 -0.04	50.28 2.26 0.00	47.07 1.68 0.00	40.61 1.67 0.00	35.88 1.61 0.00	33.13 1.43 0.00
ROSETON__2 23588	28.04 1.51 0.00	26.07 1.43 0.00	25.49 1.33 0.00	24.75 1.27 0.00	24.41 1.16 0.00	25.59 1.20 0.00	26.64 1.34 0.00	30.77 1.55 0.00	33.62 1.80 -0.18	36.31 2.06 -0.40	35.65 1.89 0.00	39.45 1.98 -0.13	43.01 2.24 0.00	46.21 2.41 -0.02	47.05 2.41 0.00	54.93 3.60 -0.61	64.46 4.44 -0.80	68.33 4.68 -0.47	61.19 3.78 -0.04	50.28 2.26 0.00	47.07 1.68 0.00	40.61 1.67 0.00	35.88 1.61 0.00	33.13 1.43 0.00
ROTTTRDAM_115KV_TB3 80664	27.62 1.09 0.00	25.68 1.04 0.00	25.20 1.04 0.00	24.52 1.03 0.00	24.23 0.98 0.00	25.44 1.05 0.00	26.34 1.04 0.00	30.39 1.17 0.00	32.84 1.39 0.19	34.88 1.46 0.42	35.14 1.38 0.00	38.65 1.46 0.14	42.44 1.67 0.00	45.52 1.75 0.02	46.42 1.79 0.00	52.56 2.49 0.65	61.69 3.32 0.85	66.22 3.54 0.50	60.41 3.10 0.05	50.33 2.31 0.00	47.07 1.68 0.00	40.46 1.52 0.00	35.70 1.44 0.00	32.90 1.20 0.00
RUSSELL__1 23602	27.99 1.46 0.00	25.88 1.23 0.00	25.13 0.97 0.00	24.31 0.82 0.00	24.11 0.86 0.00	25.37 0.98 0.00	26.47 1.16 0.00	30.51 1.29 0.00	32.55 0.92 0.00	34.69 0.85 0.00	34.91 1.15 0.00	38.79 1.46 0.00	42.40 1.63 0.00	45.50 1.88 0.17	46.71 2.28 0.21	53.13 2.89 0.48	61.92 3.26 0.55	67.03 3.66 -0.18	60.16 3.21 0.42	51.37 3.70 0.35	47.98 2.59 0.00	40.96 2.02 0.00	35.84 1.58 0.00	33.51 1.81 0.00
RUSSELL__2 23532	27.99 1.46 0.00	25.88 1.23 0.00	25.13 0.97 0.00	24.31 0.82 0.00	24.11 0.86 0.00	25.37 0.98 0.00	26.47 1.16 0.00	30.51 1.29 0.00	32.55 0.92 0.00	34.69 0.85 0.00	34.91 1.15 0.00	38.79 1.46 0.00	42.40 1.63 0.00	45.50 1.88 0.17	46.71 2.28 0.21	53.13 2.89 0.48	61.92 3.26 0.55	67.03 3.66 -0.18	60.16 3.21 0.42	51.37 3.70 0.35	47.98 2.59 0.00	40.96 2.02 0.00	35.84 1.58 0.00	33.51 1.81 0.00
RUSSELL__3 23549	27.99 1.46 0.00	25.88 1.23 0.00	25.13 0.97 0.00	24.31 0.82 0.00	24.11 0.86 0.00	25.37 0.98 0.00	26.47 1.16 0.00	30.51 1.29 0.00	32.55 0.92 0.00	34.69 0.85 0.00	34.91 1.15 0.00	38.79 1.46 0.00	42.40 1.63 0.00	45.50 1.88 0.17	46.71 2.28 0.21	53.13 2.89 0.48	61.92 3.26 0.55	67.03 3.66 -0.18	60.16 3.21 0.42	51.37 3.70 0.35	47.98 2.59 0.00	40.96 2.02 0.00	35.84 1.58 0.00	33.51 1.81 0.00

RUSSELL___4 23556	27.99 1.46 0.00	25.88 1.23 0.00	25.13 0.97 0.00	24.31 0.82 0.00	24.11 0.86 0.00	25.37 0.98 0.00	26.47 1.16 0.00	30.51 1.29 0.00	32.55 0.92 0.00	34.69 0.85 0.00	34.91 1.15 0.00	38.79 1.46 0.00	42.40 1.63 0.00	45.50 1.88 0.17	46.71 2.28 0.21	53.13 2.89 0.48	61.92 3.26 0.55	67.03 3.66 -0.18	60.16 3.21 0.42	51.37 3.70 0.35	47.98 2.59 0.00	40.96 2.02 0.00	35.84 1.58 0.00	33.51 1.81 0.00
RUSSELL___STATION 23914	27.99 1.46 0.00	25.88 1.23 0.00	25.13 0.97 0.00	24.31 0.82 0.00	24.11 0.86 0.00	25.37 0.98 0.00	26.47 1.16 0.00	30.51 1.29 0.00	32.55 0.92 0.00	34.69 0.85 0.00	34.91 1.15 0.00	38.79 1.46 0.00	42.40 1.63 0.00	45.50 1.88 0.17	46.71 2.28 0.21	53.13 2.89 0.48	61.92 3.26 0.55	67.03 3.66 -0.18	60.16 3.21 0.42	51.37 3.70 0.35	47.98 2.59 0.00	40.96 2.02 0.00	35.84 1.58 0.00	33.51 1.81 0.00
S SALMON___HYD 24043	26.66 0.13 0.00	24.69 0.05 0.00	24.19 0.02 0.00	23.46 -0.02 0.00	23.28 0.02 0.00	24.47 0.07 0.00	25.43 0.13 0.00	29.37 0.15 0.00	31.57 -0.06 0.00	33.64 -0.20 0.00	33.69 -0.07 0.00	37.38 0.04 0.00	40.81 0.04 0.00	44.72 0.09 -0.84	45.64 0.00 -1.00	53.24 0.25 -2.27	62.02 0.18 -2.63	71.84 0.38 -8.28	61.77 0.80 -3.61	50.80 1.11 -1.67	46.16 0.77 0.00	39.41 0.47 0.00	34.47 0.21 0.00	31.92 0.22 0.00
S.PERRY___115KV_TB1 80734	28.92 2.39 0.00	26.71 2.07 0.00	25.93 1.76 0.00	25.08 1.60 0.00	24.88 1.63 0.00	26.25 1.85 0.00	27.35 2.05 0.00	31.53 2.31 0.00	33.41 1.77 0.00	35.30 1.46 0.00	35.52 1.76 0.00	39.35 2.02 0.00	41.46 0.69 0.00	44.23 0.44 0.00	45.71 1.07 0.00	52.39 1.67 0.00	61.41 2.19 0.00	66.91 2.91 -0.82	60.83 3.33 -0.15	52.20 4.18 0.00	48.80 3.40 0.00	41.67 2.73 0.00	37.25 2.98 0.00	34.74 3.04 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	28.31 1.78 0.00	26.17 1.53 0.00	25.37 1.21 0.00	24.45 0.96 0.00	24.23 0.98 0.00	25.54 1.15 0.00	26.72 1.42 0.00	30.57 1.34 0.00	32.43 0.79 0.00	34.49 0.64 0.00	34.81 1.05 0.00	38.57 1.23 0.00	42.15 1.39 0.00	44.71 0.92 0.00	45.98 1.34 0.00	52.44 1.72 0.00	61.35 2.13 0.00	66.46 2.46 -0.82	59.68 2.18 -0.14	50.95 2.93 0.00	47.39 2.00 0.00	40.73 1.79 0.00	35.64 1.37 0.00	33.57 1.87 0.00
SAWYER___23_KV_LOAD 55526	28.31 1.78 0.00	26.17 1.53 0.00	25.37 1.21 0.00	24.45 0.96 0.00	24.23 0.98 0.00	25.54 1.15 0.00	26.72 1.42 0.00	30.57 1.34 0.00	32.43 0.79 0.00	34.49 0.64 0.00	34.81 1.05 0.00	38.57 1.23 0.00	42.15 1.39 0.00	44.71 0.92 0.00	45.98 1.34 0.00	52.44 1.72 0.00	61.35 2.13 0.00	66.46 2.46 -0.82	59.68 2.18 -0.14	50.95 2.93 0.00	47.39 2.00 0.00	40.73 1.79 0.00	35.64 1.37 0.00	33.57 1.87 0.00
SELKIRK___I 23801	27.46 0.93 0.00	25.53 0.89 0.00	25.11 0.94 0.00	24.45 0.96 0.00	24.14 0.88 0.00	25.32 0.93 0.00	26.16 0.86 0.00	30.16 0.93 0.00	32.63 1.14 0.14	34.74 1.22 0.32	34.87 1.11 0.00	38.43 1.19 0.11	41.83 1.06 0.00	44.91 1.14 0.01	45.80 1.16 0.00	52.00 1.77 0.49	61.00 2.43 0.64	65.33 2.53 0.38	59.39 2.06 0.03	49.51 1.49 0.00	46.44 1.04 0.00	39.84 0.90 0.00	35.46 1.20 0.00	32.71 1.01 0.00
SELKIRK___II 23799	27.30 0.77 0.00	25.38 0.74 0.00	24.94 0.77 0.00	24.28 0.80 0.00	23.97 0.72 0.00	25.13 0.73 0.00	25.99 0.68 0.00	29.95 0.73 0.00	32.39 0.92 0.16	34.53 1.05 0.37	34.67 0.91 0.00	38.18 0.97 0.12	41.42 0.65 0.00	44.47 0.70 0.01	45.40 0.76 0.00	51.52 1.37 0.57	60.37 1.89 0.74	64.64 1.89 0.44	58.76 1.43 0.04	48.93 0.91 0.00	45.89 0.50 0.00	39.41 0.47 0.00	35.19 0.93 0.00	32.46 0.76 0.00
SENECA OSWGO___HYD 24041	26.42 -0.11 0.00	24.52 -0.12 0.00	24.00 -0.17 0.00	23.27 -0.21 0.00	23.07 -0.19 0.00	24.23 -0.17 0.00	25.18 -0.13 0.00	29.08 -0.15 0.00	31.26 -0.38 0.00	33.37 -0.47 0.00	33.46 -0.30 0.00	37.08 -0.26 0.00	40.52 -0.24 0.00	44.76 -0.22 -1.19	45.89 -0.18 -1.43	54.07 0.10 -3.26	63.10 0.12 -3.76	69.78 0.25 -6.35	61.90 0.35 -4.19	50.90 0.48 -2.39	45.48 0.09 0.00	38.90 -0.04 0.00	34.09 -0.17 0.00	31.70 0.00 0.00
SENECA___115KV_TB3 355854	28.63 2.10 0.00	26.47 1.82 0.00	25.64 1.47 0.00	24.73 1.24 0.00	24.51 1.26 0.00	25.86 1.46 0.00	27.02 1.72 0.00	30.97 1.75 0.00	32.90 1.27 0.00	35.00 1.15 0.00	35.35 1.59 0.00	39.17 1.83 0.00	42.85 2.08 0.00	45.23 1.45 0.00	46.51 1.87 0.00	53.10 2.38 0.00	62.12 2.90 0.00	67.28 3.29 -0.81	60.37 2.87 -0.14	51.43 3.41 0.00	48.12 2.72 0.00	41.35 2.41 0.00	36.15 1.88 0.00	33.98 2.28 0.00
SENECA___ENERGY 23797	27.17 0.64 0.00	25.16 0.52 0.00	24.55 0.39 0.00	23.77 0.28 0.00	23.60 0.35 0.00	24.86 0.46 0.00	25.91 0.61 0.00	29.92 0.70 0.00	32.08 0.44 0.00	34.12 0.27 0.00	34.37 0.61 0.00	38.08 0.75 0.00	41.58 0.82 0.00	45.14 0.92 -0.43	46.22 1.07 -0.51	53.51 1.62 -1.17	62.47 1.89 -1.35	68.19 2.27 -2.74	61.18 2.23 -1.59	51.28 2.40 -0.86	47.03 1.63 0.00	40.15 1.21 0.00	35.05 0.79 0.00	32.65 0.95 0.00
SHOEMAKER___GT 23640	27.88 1.35 0.00	25.90 1.26 0.00	25.35 1.18 0.00	24.59 1.10 0.00	24.25 1.00 0.00	25.42 1.02 0.00	26.47 1.16 0.00	30.51 1.28 0.00	33.31 1.52 -0.15	35.92 1.73 -0.35	35.31 1.55 0.00	39.09 1.64 -0.12	42.64 1.88 0.00	45.82 2.02 -0.01	46.74 2.10 0.00	54.39 3.15 -0.53	63.76 3.85 -0.70	67.64 4.05 -0.41	60.72 3.33 -0.04	50.09 2.06 0.00	46.98 1.59 0.00	40.58 1.64 0.00	35.77 1.51 0.00	33.03 1.33 0.00
SHOEMAKR_138KV_BK 111 55601	27.88 1.35 0.00	25.90 1.26 0.00	25.32 1.16 0.00	24.56 1.08 0.00	24.23 0.98 0.00	25.40 1.00 0.00	26.47 1.16 0.00	30.54 1.31 0.00	33.31 1.52 -0.15	35.85 1.66 -0.34	35.31 1.55 0.00	39.13 1.68 -0.11	42.64 1.88 0.00	45.86 2.06 -0.01	46.74 2.10 0.00	54.38 3.14 -0.52	63.81 3.91 -0.68	67.63 4.04 -0.40	60.72 3.33 -0.04	50.04 2.02 0.00	46.85 1.45 0.00	40.54 1.60 0.00	35.74 1.47 0.00	33.00 1.30 0.00
SHOREHAM_IC_1 23715	35.63 2.65 -6.45	34.73 2.78 -7.30	32.97 2.68 -6.12	29.41 2.47 -3.46	29.68 2.35 -4.08	31.39 2.49 -4.51	33.15 2.83 -5.01	33.69 2.92 -1.55	36.85 3.48 -1.73	38.82 3.89 -1.09	40.41 3.61 -3.04	41.81 3.70 -0.77	49.19 4.24 -4.18	48.80 4.47 -0.55	59.15 4.42 -10.10	77.00 5.48 -20.80	91.63 6.40 -26.01	116.09 6.69 -46.21	123.61 6.02 -60.23	113.96 3.89 -62.05	58.15 3.36 -9.40	45.33 2.96 -3.43	38.90 2.84 -1.79	34.66 2.91 -0.04
SHOREHAM_IC_2 23716	35.63 2.65 -6.45	34.73 2.78 -7.30	32.97 2.68 -6.12	29.41 2.47 -3.46	29.68 2.35 -4.08	31.39 2.49 -4.51	33.15 2.83 -5.01	33.69 2.92 -1.55	36.85 3.48 -1.73	38.82 3.89 -1.09	40.41 3.61 -3.04	41.81 3.70 -0.77	49.19 4.24 -4.18	48.80 4.47 -0.55	59.15 4.42 -10.10	77.00 5.48 -20.80	91.63 6.40 -26.01	116.09 6.69 -46.21	123.61 6.02 -60.23	113.96 3.89 -62.05	58.15 3.36 -9.40	45.33 2.96 -3.43	38.90 2.84 -1.79	34.66 2.91 -0.04

SISSONVILLE____ 23735	25.15 -1.38 0.00	23.36 -1.28 0.00	22.96 -1.21 0.00	22.33 -1.15 0.00	22.25 -1.00 0.00	23.35 -1.05 0.00	24.14 -1.16 0.00	27.94 -1.29 0.00	30.40 -1.23 0.00	32.63 -1.22 0.00	32.51 -1.25 0.00	36.03 -1.31 0.00	39.26 -1.51 0.00	42.33 -1.58 -0.12	42.95 -1.83 -0.15	47.57 -3.14 0.00	55.07 -4.15 0.00	42.01 -5.12 16.06	50.45 -4.07 2.84	46.10 -1.92 0.00	44.26 -1.13 0.00	37.62 -1.32 0.00	32.86 -1.40 0.00	30.24 -1.46 0.00
SITHE_IND_GS1 24169	25.95 -0.58 0.00	24.08 -0.57 0.00	23.56 -0.60 0.00	22.87 -0.61 0.00	22.65 -0.60 0.00	23.79 -0.61 0.00	24.69 -0.61 0.00	28.52 -0.70 0.00	30.75 -0.89 0.00	32.83 -1.01 0.00	32.88 -0.88 0.00	36.41 -0.93 0.00	39.75 -1.02 0.00	38.53 -1.05 4.21	38.58 -1.02 5.03	38.24 -0.97 11.51	44.78 -1.13 13.31	45.81 -1.14 16.23	42.66 -0.98 13.72	38.93 -0.63 8.47	44.53 -0.86 0.00	38.12 -0.82 0.00	33.48 -0.79 0.00	31.13 -0.57 0.00
SITHE_IND_GS2 24170	25.95 -0.58 0.00	24.08 -0.57 0.00	23.56 -0.60 0.00	22.87 -0.61 0.00	22.65 -0.60 0.00	23.79 -0.61 0.00	24.69 -0.61 0.00	28.52 -0.70 0.00	30.75 -0.89 0.00	32.83 -1.01 0.00	32.88 -0.88 0.00	36.41 -0.93 0.00	39.75 -1.02 0.00	38.53 -1.05 4.21	38.58 -1.02 5.03	38.24 -0.97 11.51	44.78 -1.13 13.31	45.81 -1.14 16.23	42.66 -0.98 13.72	38.93 -0.63 8.47	44.53 -0.86 0.00	38.12 -0.82 0.00	33.48 -0.79 0.00	31.13 -0.57 0.00
SITHE_IND_GS3 24171	25.95 -0.58 0.00	24.08 -0.57 0.00	23.56 -0.60 0.00	22.87 -0.61 0.00	22.65 -0.60 0.00	23.79 -0.61 0.00	24.69 -0.61 0.00	28.52 -0.70 0.00	30.75 -0.89 0.00	32.83 -1.01 0.00	32.88 -0.88 0.00	36.41 -0.93 0.00	39.75 -1.02 0.00	38.53 -1.05 4.21	38.58 -1.02 5.03	38.24 -0.97 11.51	44.78 -1.13 13.31	45.81 -1.14 16.23	42.66 -0.98 13.72	38.93 -0.63 8.47	44.53 -0.86 0.00	38.12 -0.82 0.00	33.48 -0.79 0.00	31.13 -0.57 0.00
SITHE_IND_GS4 24172	25.95 -0.58 0.00	24.08 -0.57 0.00	23.56 -0.60 0.00	22.87 -0.61 0.00	22.65 -0.60 0.00	23.79 -0.61 0.00	24.69 -0.61 0.00	28.52 -0.70 0.00	30.75 -0.89 0.00	32.83 -1.01 0.00	32.88 -0.88 0.00	36.41 -0.93 0.00	39.75 -1.02 0.00	38.53 -1.05 4.21	38.58 -1.02 5.03	38.24 -0.97 11.51	44.78 -1.13 13.31	45.81 -1.14 16.23	42.66 -0.98 13.72	38.93 -0.63 8.47	44.53 -0.86 0.00	38.12 -0.82 0.00	33.48 -0.79 0.00	31.13 -0.57 0.00
SITHE____BATAVIA 24024	28.78 2.25 0.00	26.59 1.95 0.00	25.71 1.55 0.00	24.89 1.41 0.00	24.69 1.44 0.00	26.01 1.61 0.00	27.20 1.90 0.00	31.18 1.96 0.00	32.87 1.23 0.00	34.76 0.91 0.00	35.21 1.45 0.00	38.98 1.64 0.00	42.64 1.88 0.00	45.40 1.75 0.14	46.61 2.14 0.17	53.17 2.84 0.38	61.97 3.20 0.44	67.08 3.60 -0.30	60.26 3.21 0.31	52.26 4.51 0.28	48.44 3.04 0.00	41.47 2.53 0.00	36.15 1.88 0.00	34.11 2.41 0.00
SITHE____INDEPEND 23800	25.95 -0.58 0.00	24.08 -0.57 0.00	23.56 -0.60 0.00	22.87 -0.61 0.00	22.65 -0.60 0.00	23.79 -0.61 0.00	24.69 -0.61 0.00	28.52 -0.70 0.00	30.75 -0.89 0.00	32.83 -1.02 0.00	32.88 -0.88 0.00	36.40 -0.93 0.00	39.79 -0.98 0.00	38.53 -1.05 4.21	38.62 -0.98 5.03	38.24 -0.96 11.51	44.78 -1.13 13.31	45.81 -1.14 16.23	42.72 -0.92 13.72	38.88 -0.67 8.47	44.53 -0.86 0.00	38.12 -0.82 0.00	33.48 -0.79 0.00	31.10 -0.60 0.00
SITHE____MASSENA 23902	25.76 -0.77 0.00	23.95 -0.69 0.00	23.51 -0.65 0.00	22.87 -0.61 0.00	22.74 -0.51 0.00	23.84 -0.56 0.00	24.64 -0.66 0.00	28.49 -0.73 0.00	30.97 -0.67 0.00	33.20 -0.64 0.00	33.15 -0.61 0.00	36.67 -0.67 0.00	39.99 -0.78 0.00	42.96 -0.83 0.00	43.65 -0.98 0.00	48.59 -2.13 0.00	56.26 -2.96 0.00	52.58 -3.73 6.88	53.05 -3.10 1.22	46.53 -1.49 0.00	44.62 -0.77 0.00	38.20 -0.74 0.00	33.51 -0.75 0.00	30.91 -0.79 0.00
SITHE____OGDNSBRG 24021	25.81 -0.72 0.00	23.98 -0.67 0.00	23.56 -0.60 0.00	22.94 -0.54 0.00	22.86 -0.40 0.00	23.98 -0.41 0.00	24.77 -0.53 0.00	28.64 -0.58 0.00	31.13 -0.51 0.00	33.41 -0.44 0.00	33.32 -0.44 0.00	36.89 -0.45 0.00	40.24 -0.53 0.00	43.26 -0.53 0.00	43.79 -0.85 0.00	48.64 -2.08 0.00	56.32 -2.90 0.00	46.96 -3.73 12.49	52.34 -2.81 2.21	47.16 -0.86 0.00	45.35 -0.05 0.00	38.55 -0.39 0.00	33.72 -0.55 0.00	31.00 -0.70 0.00
SITHE____STERLING 23777	27.38 0.85 0.00	25.36 0.72 0.00	24.86 0.70 0.00	24.14 0.66 0.00	23.95 0.70 0.00	25.15 0.76 0.00	26.16 0.86 0.00	30.22 0.99 0.00	32.65 1.01 0.00	34.86 1.01 0.00	34.94 1.18 0.00	38.76 1.42 0.00	42.32 1.55 0.00	45.65 1.71 -0.16	46.48 1.65 -0.19	53.29 2.13 -0.44	62.33 2.60 -0.51	69.64 2.91 -3.55	61.56 3.15 -1.05	51.18 2.83 -0.33	47.93 2.54 0.00	40.65 1.71 0.00	35.57 1.30 0.00	32.78 1.08 0.00
SLEIGHT__34_KV_TB1 80719	27.75 1.22 0.00	25.68 1.04 0.00	25.03 0.87 0.00	24.28 0.80 0.00	24.11 0.86 0.00	25.42 1.02 0.00	26.44 1.14 0.00	30.62 1.40 0.00	32.90 1.27 0.00	35.06 1.22 0.00	35.38 1.62 0.00	39.28 1.94 0.00	42.97 2.20 0.00	46.65 2.54 -0.32	47.70 2.68 -0.38	54.99 3.40 -0.87	64.14 3.91 -1.01	69.89 4.42 -2.29	62.78 4.19 -1.23	52.51 3.84 -0.64	48.53 3.13 0.00	41.28 2.34 0.00	35.98 1.71 0.00	33.38 1.68 0.00
SOUTH CAIRO____GT 23612	27.96 1.43 0.00	25.93 1.28 0.00	25.40 1.23 0.00	24.70 1.22 0.00	24.30 1.05 0.00	25.47 1.07 0.00	26.44 1.14 0.00	30.22 0.99 0.00	33.02 1.49 0.10	35.18 1.56 0.23	34.91 1.15 0.00	38.76 1.50 0.08	41.83 1.06 0.00	45.05 1.27 0.01	46.11 1.47 0.00	52.95 2.59 0.35	62.37 3.61 0.46	66.57 3.66 0.27	60.72 3.38 0.02	50.37 2.35 0.00	47.30 1.91 0.00	40.65 1.71 0.00	36.22 1.95 0.00	33.35 1.65 0.00
SOUTH HAMPTN____IC 23720	36.35 3.37 -6.45	35.35 3.40 -7.30	33.54 3.26 -6.12	30.00 3.05 -3.46	30.26 2.93 -4.08	32.00 3.10 -4.51	33.78 3.47 -5.01	34.54 3.77 -1.55	37.83 4.46 -1.73	39.94 5.01 -1.09	41.67 4.86 -3.04	43.20 5.12 -0.75	50.59 5.75 -4.08	50.38 6.04 -0.55	60.55 6.07 -9.84	78.12 7.40 -20.00	92.87 8.65 -25.01	115.83 9.03 -43.61	123.21 8.03 -57.82	113.07 5.47 -59.57	59.23 4.81 -9.02	46.12 4.17 -3.01	39.95 3.87 -1.81	35.58 3.83 -0.04
SOUTHDOW_115KV_TB1 355954	29.37 2.84 0.00	27.18 2.54 0.00	26.27 2.10 0.00	25.34 1.86 0.00	25.14 1.88 0.00	26.64 2.24 0.00	27.93 2.63 0.00	32.26 3.04 0.00	34.36 2.72 0.00	36.49 2.64 0.00	36.93 3.17 0.00	40.81 3.47 0.00	44.72 3.95 0.00	46.90 3.11 0.00	48.07 3.44 0.00	54.88 4.16 0.00	64.01 4.80 0.00	69.10 5.12 -0.80	62.21 4.70 -0.14	52.92 4.90 0.00	49.80 4.40 0.00	42.83 3.89 0.00	37.42 3.15 0.00	35.00 3.30 0.00
SOUTHOLD_69_KV_BK 2 55809	37.09 4.11 -6.45	36.01 4.07 -7.30	34.20 3.91 -6.12	30.61 3.66 -3.46	30.87 3.53 -4.08	32.64 3.73 -4.51	34.49 4.17 -5.01	35.41 4.65 -1.55	38.84 5.47 -1.73	41.06 6.13 -1.09	43.02 6.21 -3.05	44.55 6.46 -0.75	52.22 7.38 -4.08	51.57 7.75 -0.03	62.29 7.81 -9.84	80.15 9.43 -20.00	95.13 10.90 -25.02	118.27 11.44 -43.65	102.76 10.21 -35.19	114.87 7.25 -59.60	60.73 6.31 -9.03	47.91 5.96 -3.02	41.01 4.93 -1.81	36.56 4.82 -0.04

SOUTHOLD___IC 23719	37.09 4.11 -6.45	35.99 4.04 -7.30	34.20 3.91 -6.12	30.61 3.66 -3.46	30.86 3.53 -4.08	32.64 3.73 -4.51	34.49 4.17 -5.01	35.41 4.65 -1.55	38.85 5.47 -1.73	41.09 6.16 -1.09	42.98 6.18 -3.05	44.73 6.65 -0.75	52.27 7.42 -4.08	52.09 7.75 -0.55	62.29 7.81 -9.84	80.15 9.43 -20.00	95.19 10.95 -25.02	118.39 11.56 -43.65	125.47 10.27 -57.85	114.92 7.30 -59.60	60.86 6.44 -9.03	47.41 5.45 -3.02	41.01 4.94 -1.81	36.56 4.82 -0.04
SPIERFLS_115KV_TB 1 80737	27.83 1.30 0.00	25.85 1.21 0.00	25.35 1.18 0.00	24.66 1.17 0.00	24.37 1.12 0.00	25.71 1.32 0.00	26.62 1.32 0.00	30.71 1.49 0.00	33.24 1.83 0.23	35.19 1.86 0.51	35.25 1.49 0.00	38.70 1.53 0.17	42.56 1.79 0.00	45.74 1.97 0.02	46.74 2.10 0.00	52.72 2.79 0.79	62.39 4.20 1.03	67.12 4.55 0.61	61.89 4.59 0.05	51.53 3.51 0.00	48.03 2.63 0.00	41.20 2.26 0.00	36.25 1.99 0.00	33.28 1.58 0.00
ST LAWRENCE____ 23600	25.63 -0.90 0.00	23.81 -0.84 0.00	23.37 -0.80 0.00	22.73 -0.75 0.00	22.58 -0.68 0.00	23.66 -0.73 0.00	24.49 -0.81 0.00	28.32 -0.91 0.00	30.75 -0.89 0.00	32.97 -0.88 0.00	32.88 -0.88 0.00	36.37 -0.97 0.00	39.67 -1.10 0.00	42.61 -1.18 0.00	43.34 -1.30 0.00	48.44 -2.28 0.00	56.20 -3.02 0.00	54.86 -3.35 4.98	53.61 -2.87 0.88	46.05 -1.97 0.00	44.17 -1.22 0.00	37.89 -1.05 0.00	33.27 -0.99 0.00	30.72 -0.98 0.00
STATE_CA_115KV_115_LB 55624	27.33 0.80 0.00	25.41 0.76 0.00	24.96 0.80 0.00	24.28 0.80 0.00	23.97 0.72 0.00	25.15 0.76 0.00	26.04 0.73 0.00	30.01 0.79 0.00	32.43 1.01 0.22	34.44 1.08 0.49	34.81 1.05 0.00	38.26 1.08 0.16	41.91 1.14 0.00	45.00 1.23 0.02	45.93 1.29 0.00	51.94 1.98 0.75	61.02 2.78 0.98	65.45 2.84 0.58	59.66 2.35 0.05	49.61 1.58 0.00	46.35 0.95 0.00	39.84 0.90 0.00	35.29 1.03 0.00	32.52 0.82 0.00
STATE_ST_34_KV_LOAD 55959	27.41 0.88 0.00	25.41 0.76 0.00	24.79 0.63 0.00	24.05 0.56 0.00	23.88 0.63 0.00	25.10 0.71 0.00	26.09 0.78 0.00	30.16 0.94 0.00	32.43 0.79 0.00	34.62 0.78 0.00	34.54 0.78 0.00	38.31 0.97 0.00	41.87 1.10 0.00	45.60 1.27 -0.54	47.11 1.83 -0.64	54.57 2.38 -1.47	63.70 2.78 -1.70	69.61 3.22 -3.21	62.47 3.15 -1.95	51.84 2.74 -1.08	47.66 2.27 0.00	40.61 1.67 0.00	35.50 1.23 0.00	32.90 1.20 0.00
STATION 5_MISC_HYD 23604	27.83 1.30 0.00	25.73 1.08 0.00	25.03 0.87 0.00	24.17 0.68 0.00	23.97 0.72 0.00	25.23 0.83 0.00	26.36 1.06 0.00	30.33 1.11 0.00	32.37 0.73 0.00	34.39 0.54 0.00	34.67 0.91 0.00	38.46 1.12 0.00	42.03 1.27 0.00	45.06 1.44 0.17	46.22 1.79 0.21	52.72 2.48 0.48	61.39 2.73 0.55	66.40 3.03 -0.18	59.58 2.64 0.42	51.18 3.50 0.35	47.48 2.09 0.00	40.61 1.67 0.00	35.50 1.23 0.00	33.28 1.58 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	27.62 1.09 0.00	25.56 0.91 0.00	24.86 0.70 0.00	24.07 0.59 0.00	23.88 0.63 0.00	25.15 0.76 0.00	26.21 0.91 0.00	30.30 1.08 0.00	32.40 0.76 0.00	34.56 0.71 0.00	34.81 1.05 0.00	38.65 1.31 0.00	42.24 1.47 0.00	45.50 1.71 0.00	46.56 1.92 0.00	53.25 2.54 0.00	62.12 2.90 0.00	67.46 3.35 -0.93	60.56 3.04 -0.16	51.24 3.22 0.00	47.66 2.27 0.00	40.65 1.71 0.00	35.53 1.27 0.00	33.13 1.43 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	27.56 1.03 0.00	25.48 0.84 0.00	24.79 0.63 0.00	23.95 0.47 0.00	23.76 0.51 0.00	25.03 0.63 0.00	26.09 0.78 0.00	30.10 0.88 0.00	32.14 0.51 0.00	34.25 0.41 0.00	34.50 0.74 0.00	38.35 1.01 0.00	41.91 1.14 0.00	44.93 1.31 0.17	46.04 1.61 0.20	52.38 2.13 0.46	61.17 2.49 0.54	66.17 2.78 -0.21	59.37 2.41 0.40	50.56 2.88 0.34	47.26 1.86 0.00	40.34 1.40 0.00	35.29 1.03 0.00	33.00 1.30 0.00
STA_56___34_KV_BUS2 355983	27.56 1.03 0.00	25.48 0.84 0.00	24.79 0.63 0.00	23.95 0.47 0.00	23.76 0.51 0.00	25.03 0.63 0.00	26.09 0.78 0.00	30.10 0.88 0.00	32.14 0.51 0.00	34.25 0.41 0.00	34.50 0.74 0.00	38.35 1.01 0.00	41.91 1.14 0.00	44.93 1.31 0.17	46.04 1.61 0.20	52.38 2.13 0.46	61.17 2.49 0.54	66.17 2.78 -0.21	59.37 2.41 0.40	50.56 2.88 0.34	47.26 1.86 0.00	40.34 1.40 0.00	35.29 1.03 0.00	33.00 1.30 0.00
STA_67___115KV_BK2 355882	27.75 1.22 0.00	25.68 1.04 0.00	24.94 0.77 0.00	24.12 0.63 0.00	23.90 0.65 0.00	25.18 0.78 0.00	26.24 0.94 0.00	30.24 1.02 0.00	32.27 0.63 0.00	34.39 0.54 0.00	34.60 0.84 0.00	38.42 1.08 0.00	41.95 1.18 0.00	44.97 1.36 0.18	46.17 1.74 0.21	52.52 2.28 0.48	61.27 2.61 0.56	66.33 2.97 -0.18	59.52 2.58 0.42	50.74 3.07 0.35	47.39 2.00 0.00	40.50 1.56 0.00	35.46 1.20 0.00	33.19 1.49 0.00
STA_7___115KV_9TRANS 80674	27.99 1.46 0.00	25.88 1.23 0.00	25.13 0.97 0.00	24.31 0.82 0.00	24.11 0.86 0.00	25.37 0.98 0.00	26.47 1.16 0.00	30.51 1.29 0.00	32.55 0.92 0.00	34.69 0.85 0.00	34.91 1.15 0.00	38.79 1.46 0.00	42.40 1.63 0.00	45.50 1.88 0.17	46.71 2.28 0.21	53.13 2.89 0.48	61.92 3.26 0.55	67.03 3.66 -0.18	60.16 3.21 0.42	51.37 3.70 0.35	47.98 2.59 0.00	40.96 2.02 0.00	35.84 1.58 0.00	33.51 1.81 0.00
STA_82___115KV_TB1 80780	27.78 1.25 0.00	25.68 1.04 0.00	24.96 0.80 0.00	24.14 0.66 0.00	23.93 0.67 0.00	25.20 0.81 0.00	26.26 0.96 0.00	30.27 1.05 0.00	32.30 0.66 0.00	34.42 0.58 0.00	34.60 0.84 0.00	38.46 1.12 0.00	41.99 1.22 0.00	45.02 1.40 0.17	46.18 1.74 0.20	52.54 2.28 0.46	61.36 2.66 0.53	66.37 2.97 -0.21	59.61 2.64 0.39	50.81 3.12 0.34	47.44 2.04 0.00	40.54 1.60 0.00	35.50 1.23 0.00	33.22 1.52 0.00
STEEL___WIND 323596	28.57 2.04 0.00	26.44 1.80 0.00	25.61 1.45 0.00	24.70 1.22 0.00	24.48 1.23 0.00	25.83 1.44 0.00	27.07 1.77 0.00	30.95 1.72 0.00	32.87 1.23 0.00	34.76 0.91 0.00	35.24 1.48 0.00	38.98 1.64 0.00	42.68 1.92 0.00	45.01 1.22 0.00	46.29 1.65 0.00	53.00 2.28 0.00	61.88 2.67 0.00	66.97 2.97 -0.81	60.09 2.58 -0.14	51.72 3.70 0.00	47.93 2.54 0.00	41.28 2.34 0.00	35.98 1.71 0.00	33.95 2.25 0.00
STEPHTWN_115KV_BK_2 55603	27.46 0.93 0.00	25.51 0.86 0.00	25.06 0.89 0.00	24.38 0.89 0.00	24.07 0.81 0.00	25.27 0.88 0.00	26.16 0.86 0.00	30.19 0.96 0.00	32.63 1.20 0.21	34.65 1.29 0.48	34.97 1.22 0.00	38.45 1.27 0.16	42.07 1.30 0.00	45.21 1.45 0.02	46.24 1.61 0.00	52.41 2.43 0.74	61.63 3.38 0.96	66.15 3.54 0.57	60.29 2.98 0.05	50.14 2.11 0.00	46.80 1.41 0.00	40.22 1.29 0.00	35.67 1.40 0.00	32.81 1.11 0.00
STEUBEN_REC_LFGE 323667	28.73 2.20 0.00	26.57 1.92 0.00	25.78 1.62 0.00	24.92 1.43 0.00	24.74 1.49 0.00	26.15 1.76 0.00	27.30 2.00 0.00	31.53 2.31 0.00	33.60 1.96 0.00	35.71 1.86 0.00	36.12 2.36 0.00	39.95 2.61 0.00	43.62 2.85 0.00	46.37 2.58 0.00	47.45 2.81 0.00	54.32 3.60 0.00	63.54 4.32 0.00	69.05 5.05 -0.81	62.38 4.88 -0.14	52.73 4.71 0.00	49.39 3.99 0.00	42.25 3.31 0.00	36.87 2.60 0.00	34.33 2.63 0.00

STONY___BROOK 24151	35.97 3.00 -6.45	34.83 2.88 -7.30	33.04 2.75 -6.12	29.53 2.58 -3.46	29.77 2.44 -4.08	31.49 2.58 -4.51	33.27 2.96 -5.01	34.10 3.33 -1.55	37.23 3.86 -1.74	39.20 4.26 -1.09	40.43 3.71 -2.95	42.07 3.81 -0.92	49.68 4.12 -4.80	48.68 4.34 -0.55	60.60 4.42 -11.55	81.75 5.68 -25.35	97.54 6.63 -31.69	130.07 6.89 -60.00	137.04 5.85 -73.82	127.94 3.84 -76.07	60.23 3.31 -11.52	47.47 3.04 -5.49	38.89 3.09 -1.54	34.91 3.17 -0.04
STURGEON_POOL_HYD 23609	28.04 1.51 0.00	26.07 1.43 0.00	25.49 1.33 0.00	24.71 1.22 0.00	24.32 1.07 0.00	25.44 1.05 0.00	26.57 1.27 0.00	30.57 1.34 0.00	33.54 1.83 -0.07	36.07 2.06 -0.16	35.52 1.76 0.00	39.52 2.13 -0.05	42.97 2.20 0.00	46.20 2.41 -0.01	47.00 2.37 0.00	55.02 4.06 -0.25	64.46 4.92 -0.33	68.43 5.05 -0.19	61.45 4.07 -0.02	50.04 2.02 0.00	46.80 1.41 0.00	40.69 1.75 0.00	35.81 1.54 0.00	33.09 1.39 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	27.99 1.46 0.00	26.00 1.36 0.00	25.42 1.26 0.00	24.63 1.15 0.00	24.30 1.05 0.00	25.47 1.07 0.00	26.59 1.29 0.00	30.65 1.43 0.00	33.48 1.68 -0.16	36.07 1.86 -0.36	35.58 1.82 0.00	39.40 1.94 -0.12	42.97 2.20 0.00	46.21 2.41 -0.01	47.00 2.37 0.00	54.83 3.55 -0.56	64.33 4.38 -0.73	68.16 4.55 -0.43	61.07 3.67 -0.04	50.18 2.16 0.00	46.89 1.50 0.00	40.61 1.67 0.00	35.81 1.54 0.00	33.06 1.36 0.00
SWANROAD_115KV_TB1 355699	27.99 1.46 0.00	25.88 1.23 0.00	25.13 0.97 0.00	24.21 0.73 0.00	23.97 0.72 0.00	25.25 0.85 0.00	26.31 1.01 0.00	29.95 0.73 0.00	31.64 0.00 0.00	33.64 -0.20 0.00	33.89 0.14 0.00	37.56 0.22 0.00	41.05 0.29 0.00	43.49 -0.18 0.12	44.71 0.22 0.15	50.68 0.30 0.34	59.30 0.47 0.39	64.22 0.70 -0.34	57.67 0.57 0.26	49.45 1.68 0.25	46.21 0.82 0.00	39.72 0.78 0.00	34.78 0.51 0.00	32.81 1.11 0.00
SYNERGY___BIOGAS 323694	28.78 2.25 0.00	26.59 1.95 0.00	25.71 1.55 0.00	24.89 1.41 0.00	24.69 1.44 0.00	26.01 1.61 0.00	27.20 1.90 0.00	31.18 1.96 0.00	32.87 1.23 0.00	34.76 0.91 0.00	35.21 1.45 0.00	38.98 1.64 0.00	42.64 1.88 0.00	45.40 1.75 0.14	46.61 2.14 0.17	53.17 2.84 0.38	61.97 3.20 0.44	67.08 3.60 -0.30	60.26 3.21 0.31	52.26 4.51 0.28	48.44 3.04 0.00	41.47 2.53 0.00	36.15 1.88 0.00	34.11 2.41 0.00
SYRACUSE___ENERGY_ST1 323597	26.80 0.27 0.00	24.84 0.20 0.00	24.28 0.12 0.00	23.55 0.07 0.00	23.35 0.09 0.00	24.54 0.15 0.00	25.50 0.20 0.00	29.48 0.26 0.00	31.73 0.09 0.00	33.88 0.03 0.00	34.00 0.24 0.00	37.67 0.34 0.00	41.18 0.41 0.00	44.93 0.53 -0.61	45.99 0.62 -0.73	53.40 1.01 -1.67	62.34 1.18 -1.93	68.25 1.39 -3.67	61.02 1.43 -2.23	50.50 1.25 -1.23	46.26 0.86 0.00	39.52 0.58 0.00	34.64 0.38 0.00	32.14 0.44 0.00
SYRACUSE___ENERGY_ST2 323598	26.80 0.27 0.00	24.84 0.20 0.00	24.28 0.12 0.00	23.55 0.07 0.00	23.35 0.09 0.00	24.54 0.15 0.00	25.50 0.20 0.00	29.48 0.26 0.00	31.73 0.09 0.00	33.88 0.03 0.00	34.00 0.24 0.00	37.67 0.34 0.00	41.18 0.41 0.00	44.93 0.53 -0.61	45.99 0.62 -0.73	53.40 1.01 -1.67	62.34 1.18 -1.93	68.25 1.39 -3.67	61.02 1.43 -2.23	50.50 1.25 -1.23	46.26 0.86 0.00	39.52 0.58 0.00	34.64 0.38 0.00	32.14 0.44 0.00
SYRACUSE___POWER 24017	26.72 0.19 0.00	24.77 0.12 0.00	24.21 0.05 0.00	23.51 0.02 0.00	23.28 0.02 0.00	24.47 0.07 0.00	25.43 0.13 0.00	29.40 0.18 0.00	31.64 0.00 0.00	33.78 -0.07 0.00	33.89 0.14 0.00	37.56 0.22 0.00	41.05 0.29 0.00	44.50 0.35 -0.36	45.52 0.45 -0.43	52.52 0.81 -0.99	61.31 0.95 -1.15	67.09 1.14 -2.77	59.99 1.43 -1.43	49.81 1.06 -0.73	46.07 0.68 0.00	39.37 0.43 0.00	34.50 0.24 0.00	32.02 0.32 0.00
TALLMAN__138KV_BK151 55660	28.23 1.70 0.00	26.22 1.58 0.00	25.61 1.45 0.00	24.82 1.34 0.00	24.46 1.21 0.00	25.69 1.29 0.00	26.82 1.52 0.00	30.97 1.75 0.00	33.87 2.06 -0.17	36.51 2.27 -0.39	35.89 2.13 0.00	39.78 2.31 -0.13	43.34 2.57 0.00	46.61 2.80 -0.02	47.49 2.86 0.00	55.53 4.21 -0.60	65.16 5.15 -0.79	69.02 5.37 -0.47	61.76 4.36 -0.04	50.57 2.55 0.00	47.16 1.77 0.00	40.89 1.95 0.00	36.05 1.78 0.00	33.25 1.55 0.00
TEALLAVE_115KV_TB7 355573	26.64 0.11 0.00	24.69 0.05 0.00	24.14 -0.02 0.00	23.41 -0.07 0.00	23.21 -0.05 0.00	24.40 0.00 0.00	25.33 0.03 0.00	29.28 0.06 0.00	31.48 -0.16 0.00	33.64 -0.20 0.00	33.73 -0.03 0.00	37.38 0.04 0.00	40.85 0.08 0.00	44.24 0.18 -0.28	45.19 0.22 -0.33	52.03 0.56 -0.75	60.74 0.65 -0.87	66.60 0.82 -2.60	59.39 0.86 -1.17	49.39 0.82 -0.55	45.80 0.41 0.00	39.13 0.19 0.00	34.33 0.07 0.00	31.89 0.19 0.00
TELGRAPH_34_KV_EAST 80808	28.49 1.96 0.00	26.35 1.70 0.00	25.54 1.38 0.00	24.63 1.15 0.00	24.42 1.16 0.00	25.71 1.32 0.00	26.85 1.54 0.00	30.71 1.49 0.00	32.36 0.73 0.00	34.39 0.54 0.00	34.74 0.98 0.00	38.53 1.19 0.00	42.11 1.35 0.00	44.71 1.05 0.13	45.91 1.43 0.16	52.13 1.78 0.36	60.93 2.13 0.42	66.03 2.53 -0.32	59.25 2.18 0.29	50.88 3.12 0.27	47.53 2.13 0.00	40.73 1.79 0.00	35.64 1.37 0.00	33.54 1.84 0.00
TEMPLE___115KV_TB 2 55572	26.66 0.13 0.00	24.72 0.07 0.00	24.16 0.00 0.00	23.44 -0.05 0.00	23.23 -0.02 0.00	24.42 0.02 0.00	25.35 0.05 0.00	29.31 0.09 0.00	31.51 -0.13 0.00	33.64 -0.20 0.00	33.76 0.00 0.00	37.41 0.07 0.00	40.89 0.12 0.00	44.28 0.22 -0.27	45.23 0.27 -0.33	52.08 0.61 -0.75	60.80 0.71 -0.87	66.63 0.88 -2.56	59.44 0.92 -1.16	49.44 0.86 -0.55	45.85 0.45 0.00	39.17 0.23 0.00	34.37 0.10 0.00	31.92 0.22 0.00
TIANA____69_KV_BK 1 55817	36.16 3.18 -6.45	35.15 3.20 -7.30	33.38 3.09 -6.12	29.81 2.87 -3.46	30.08 2.74 -4.08	31.81 2.90 -4.51	33.60 3.29 -5.01	34.30 3.54 -1.55	37.58 4.21 -1.73	39.57 4.64 -1.09	41.33 4.52 -3.05	42.64 4.56 -0.75	50.14 5.30 -4.08	49.38 5.56 -0.03	60.10 5.62 -9.84	77.62 6.90 -20.00	92.23 7.99 -25.02	115.16 8.34 -43.64	100.00 7.46 -35.18	112.66 5.04 -59.60	58.73 4.31 -9.03	46.24 4.28 -3.01	39.64 3.56 -1.81	35.36 3.61 -0.04
TILDEN___115KV_TB1 80814	26.72 0.19 0.00	24.77 0.12 0.00	24.21 0.05 0.00	23.51 0.02 0.00	23.28 0.02 0.00	24.47 0.07 0.00	25.43 0.13 0.00	29.40 0.18 0.00	31.64 0.00 0.00	33.78 -0.07 0.00	33.89 0.14 0.00	37.56 0.22 0.00	41.05 0.29 0.00	44.50 0.35 -0.36	45.52 0.45 -0.43	52.52 0.81 -0.99	61.31 0.95 -1.15	67.09 1.14 -2.77	59.99 1.43 -1.43	49.81 1.06 -0.73	46.07 0.68 0.00	39.37 0.43 0.00	34.50 0.24 0.00	32.02 0.32 0.00
TRIGEN___CC 323695	35.34 2.36 -6.45	34.14 2.19 -7.30	32.34 2.05 -6.12	28.87 1.93 -3.46	29.12 1.79 -4.08	30.78 1.88 -4.51	32.49 2.18 -5.01	33.31 2.54 -1.55	36.25 2.88 -1.73	38.11 3.18 -1.09	39.13 2.94 -2.44	40.47 2.99 -0.15	45.71 3.47 -1.48	47.44 3.63 -0.02	52.04 3.70 -3.69	56.36 4.97 -0.67	65.85 5.74 -0.88	69.64 5.94 -0.52	62.40 4.99 -0.05	51.14 3.12 0.00	47.85 2.45 0.00	41.59 2.65 0.00	36.66 2.40 0.00	34.09 2.35 -0.04

TRINITY__115KV__4 BK 55933	27.22 0.69 0.00	25.31 0.67 0.00	24.86 0.70 0.00	24.21 0.73 0.00	23.90 0.65 0.00	25.05 0.66 0.00	25.91 0.61 0.00	29.86 0.64 0.00	32.28 0.85 0.21	34.31 0.95 0.48	34.60 0.84 0.00	38.04 0.86 0.16	41.66 0.90 0.00	44.73 0.96 0.02	45.66 1.03 0.00	51.65 1.67 0.74	60.62 2.37 0.97	65.01 2.40 0.57	59.26 1.95 0.05	49.27 1.25 0.00	46.07 0.68 0.00	39.64 0.70 0.00	35.16 0.89 0.00	32.40 0.70 0.00
UNION__PROCESSING_DRP 323587	27.78 1.25 0.00	25.70 1.06 0.00	24.99 0.82 0.00	24.14 0.66 0.00	23.95 0.70 0.00	25.20 0.81 0.00	26.29 0.99 0.00	30.30 1.08 0.00	32.30 0.66 0.00	34.42 0.58 0.00	34.64 0.88 0.00	38.46 1.12 0.00	42.03 1.26 0.00	45.07 1.45 0.16	46.23 1.79 0.19	52.60 2.33 0.45	61.37 2.66 0.52	66.44 3.03 -0.23	59.67 2.70 0.38	50.86 3.17 0.33	47.48 2.09 0.00	40.58 1.64 0.00	35.53 1.27 0.00	33.22 1.52 0.00
UPPER HUDSON__HYD 24058	27.83 1.30 0.00	25.85 1.21 0.00	25.35 1.18 0.00	24.66 1.17 0.00	24.37 1.12 0.00	25.71 1.32 0.00	26.62 1.31 0.00	30.71 1.49 0.00	33.24 1.83 0.23	35.23 1.89 0.51	35.24 1.48 0.00	38.74 1.57 0.17	42.56 1.79 0.00	45.74 1.97 0.02	46.74 2.10 0.00	52.72 2.79 0.79	62.45 4.27 1.03	67.18 4.61 0.61	61.95 4.64 0.05	51.58 3.55 0.00	48.12 2.72 0.00	41.20 2.26 0.00	36.29 2.02 0.00	33.28 1.58 0.00
UPPER RAQUET__HYD 24056	25.15 -1.38 0.00	23.36 -1.28 0.00	22.96 -1.21 0.00	22.33 -1.15 0.00	22.25 -1.00 0.00	23.35 -1.05 0.00	24.14 -1.16 0.00	27.94 -1.29 0.00	30.40 -1.23 0.00	32.59 -1.25 0.00	32.51 -1.25 0.00	36.03 -1.31 0.00	39.26 -1.51 0.00	42.34 -1.57 -0.12	43.00 -1.79 -0.15	47.57 -3.14 0.00	55.07 -4.15 0.00	41.94 -5.18 16.06	50.45 -4.07 2.84	45.96 -2.06 0.00	44.17 -1.22 0.00	37.62 -1.32 0.00	32.89 -1.37 0.00	30.24 -1.46 0.00
VALLEY44_115KV_TB2 355964	28.28 1.75 0.00	26.20 1.55 0.00	25.35 1.18 0.00	24.47 0.99 0.00	24.25 1.00 0.00	25.66 1.27 0.00	26.87 1.57 0.00	30.92 1.69 0.00	32.97 1.33 0.00	35.00 1.15 0.00	35.35 1.59 0.00	38.94 1.61 0.00	42.56 1.79 0.00	44.31 0.53 0.00	45.57 0.94 0.00	52.04 1.32 0.00	60.88 1.66 0.00	65.94 1.96 -0.80	59.22 1.72 -0.14	50.14 2.11 0.00	47.71 2.32 0.00	41.08 2.14 0.00	36.01 1.75 0.00	33.63 1.93 0.00
VALLEY__115KV_TB 1-4 80826	26.74 0.21 0.00	24.82 0.17 0.00	24.36 0.19 0.00	23.70 0.21 0.00	23.46 0.21 0.00	24.62 0.22 0.00	25.56 0.25 0.00	29.51 0.29 0.00	31.99 0.35 0.00	34.18 0.34 0.00	34.27 0.51 0.00	37.90 0.56 0.00	41.38 0.61 0.00	44.45 0.66 0.00	44.90 0.27 0.00	51.22 0.51 0.00	59.81 0.59 0.00	65.27 0.63 -1.45	58.36 0.75 -0.26	48.55 0.53 0.00	45.94 0.54 0.00	39.33 0.39 0.00	34.61 0.34 0.00	31.95 0.25 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	28.25 1.72 0.00	26.22 1.58 0.00	25.73 1.57 0.00	25.03 1.55 0.00	24.81 1.56 0.00	26.03 1.63 0.00	27.05 1.75 0.00	31.12 1.90 0.00	33.73 2.09 0.00	37.06 3.22 0.00	37.10 3.34 0.00	41.22 3.88 0.00	44.97 4.20 0.00	48.44 4.42 -0.23	49.60 4.69 -0.27	57.28 5.93 -0.63	68.06 8.11 -0.72	72.72 8.66 -0.88	67.34 9.23 -0.75	56.45 7.97 -0.46	52.97 7.58 0.00	44.39 5.45 0.00	38.55 4.28 0.00	35.38 3.68 0.00
VISCHER__FERRY HYD 24020	27.64 1.11 0.00	25.70 1.06 0.00	25.23 1.06 0.00	24.56 1.08 0.00	24.25 1.00 0.00	25.44 1.05 0.00	26.32 1.01 0.00	30.33 1.11 0.00	32.67 1.33 0.30	34.63 1.45 0.67	35.11 1.35 0.00	38.50 1.38 0.22	42.32 1.55 0.00	45.43 1.66 0.03	46.38 1.74 0.00	52.22 2.53 1.03	61.24 3.37 1.35	65.98 3.60 0.80	60.33 3.04 0.07	50.23 2.21 0.00	47.03 1.63 0.00	40.34 1.40 0.00	35.70 1.44 0.00	32.90 1.20 0.00
V_A_10_SYNC_DSASP 323832	27.72 1.19 0.00	25.66 1.01 0.00	24.91 0.75 0.00	24.02 0.54 0.00	23.81 0.56 0.00	25.08 0.68 0.00	26.21 0.91 0.00	30.07 0.85 0.00	31.92 0.28 0.00	34.02 0.17 0.00	34.23 0.47 0.00	37.94 0.60 0.00	41.42 0.65 0.00	44.23 0.61 0.17	45.41 0.98 0.21	51.56 1.32 0.47	60.27 1.60 0.55	65.30 1.96 -0.16	58.66 1.72 0.42	50.12 2.45 0.35	46.66 1.27 0.00	39.99 1.05 0.00	35.05 0.79 0.00	32.94 1.24 0.00
V_CMM_10_SYNC_DSASP 323787	25.71 -0.82 0.00	23.91 -0.74 0.00	23.46 -0.70 0.00	22.83 -0.66 0.00	22.67 -0.58 0.00	23.76 -0.63 0.00	24.57 -0.73 0.00	28.43 -0.79 0.00	30.88 -0.76 0.00	33.10 -0.74 0.00	33.02 -0.74 0.00	36.52 -0.82 0.00	39.83 -0.94 0.00	42.78 -1.01 0.00	43.52 -1.11 0.00	48.59 -2.13 0.00	56.38 -2.84 0.00	55.05 -3.16 4.98	53.78 -2.69 0.88	46.30 -1.73 0.00	44.35 -1.04 0.00	38.05 -0.89 0.00	33.41 -0.86 0.00	30.85 -0.85 0.00
V_CMP_10_SYNC_DSASP 323788	25.87 -0.66 0.00	24.08 -0.57 0.00	23.66 -0.51 0.00	23.08 -0.40 0.00	23.04 -0.21 0.00	24.27 -0.12 0.00	25.18 -0.13 0.00	29.25 0.03 0.00	31.92 0.28 0.00	34.22 0.37 0.00	34.06 0.30 0.00	37.67 0.34 0.00	40.97 0.20 0.00	44.14 0.35 0.00	44.99 0.36 0.00	50.26 -0.46 0.00	58.03 -1.18 0.00	56.39 -1.07 5.72	55.95 -1.07 1.01	48.40 0.38 0.00	46.16 0.77 0.00	39.41 0.47 0.00	34.40 0.14 0.00	31.64 -0.06 0.00
V_E_10_SYNC_DSASP 323830	29.00 2.47 0.00	26.81 2.17 0.00	26.29 2.13 0.00	25.53 2.04 0.00	25.42 2.16 0.00	26.76 2.37 0.00	27.91 2.61 0.00	32.20 2.98 0.00	34.64 3.01 0.00	36.89 3.05 0.00	37.24 3.48 0.00	41.29 3.96 0.00	45.05 4.28 0.00	48.69 4.64 -0.26	49.42 4.46 -0.32	57.22 5.78 -0.72	67.16 7.10 -0.84	73.03 8.03 -1.82	67.37 9.01 -1.01	56.76 8.21 -0.53	53.02 7.62 0.00	44.43 5.49 0.00	38.44 4.18 0.00	35.28 3.58 0.00
V_F_30_NSYNC__DSASP 323816	28.04 1.51 0.00	26.05 1.40 0.00	25.56 1.40 0.00	24.87 1.39 0.00	24.58 1.32 0.00	25.86 1.46 0.00	26.74 1.44 0.00	30.86 1.64 0.00	33.33 1.93 0.24	35.34 2.03 0.54	35.62 1.86 0.00	39.14 1.98 0.18	43.01 2.24 0.00	46.17 2.41 0.02	47.18 2.54 0.00	53.24 3.35 0.83	62.76 4.62 1.08	67.48 4.93 0.64	61.78 4.48 0.06	51.53 3.50 0.00	48.12 2.72 0.00	41.24 2.30 0.00	36.39 2.13 0.00	33.47 1.77 0.00
V_F_30_SYNC_DSASP 323786	27.33 0.80 0.00	25.41 0.76 0.00	24.96 0.80 0.00	24.28 0.80 0.00	23.97 0.72 0.00	25.15 0.76 0.00	26.01 0.71 0.00	30.01 0.79 0.00	32.43 1.01 0.22	34.44 1.08 0.49	34.77 1.01 0.00	38.22 1.05 0.16	41.87 1.10 0.00	45.00 1.23 0.02	45.93 1.29 0.00	51.95 1.98 0.75	60.96 2.72 0.98	65.45 2.84 0.58	59.66 2.35 0.05	49.61 1.58 0.00	46.35 0.95 0.00	39.84 0.90 0.00	35.29 1.03 0.00	32.52 0.82 0.00
V_XM_10_SYNC_DSASP 323789	25.87 -0.66 0.00	24.08 -0.57 0.00	23.66 -0.51 0.00	23.08 -0.40 0.00	23.04 -0.21 0.00	24.27 -0.12 0.00	25.18 -0.13 0.00	29.25 0.03 0.00	31.92 0.28 0.00	34.22 0.37 0.00	34.06 0.30 0.00	37.67 0.34 0.00	40.97 0.20 0.00	44.14 0.35 0.00	44.99 0.36 0.00	50.26 -0.46 0.00	58.03 -1.18 0.00	56.39 -1.07 5.72	55.95 -1.07 1.01	48.40 0.38 0.00	46.16 0.77 0.00	39.41 0.47 0.00	34.40 0.14 0.00	31.64 -0.06 0.00

W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	28.31 1.78 0.00	26.30 1.65 0.00	25.69 1.52 0.00	24.89 1.41 0.00	24.53 1.28 0.00	25.74 1.34 0.00	26.90 1.59 0.00	31.03 1.81 0.00	33.90 2.09 -0.18	36.58 2.34 -0.40	35.95 2.19 0.00	39.86 2.39 -0.13	43.42 2.65 0.00	46.69 2.89 -0.02	47.58 2.95 0.00	55.64 4.31 -0.61	65.35 5.33 -0.80	69.15 5.50 -0.47	61.88 4.47 -0.04	50.66 2.64 0.00	47.30 1.91 0.00	41.00 2.06 0.00	36.15 1.88 0.00	33.35 1.65 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	28.55 2.02 0.00	26.52 1.87 0.00	25.90 1.74 0.00	25.08 1.60 0.00	24.72 1.46 0.00	25.93 1.54 0.00	27.17 1.87 0.00	31.50 2.28 0.00	34.49 2.66 -0.20	37.26 2.98 -0.44	36.49 2.73 0.00	40.47 2.99 -0.15	44.07 3.30 0.00	47.35 3.55 -0.02	48.21 3.57 0.00	56.51 5.12 -0.67	66.38 6.28 -0.88	70.21 6.51 -0.52	62.57 5.16 -0.05	51.05 3.03 0.00	47.62 2.22 0.00	41.35 2.41 0.00	36.49 2.23 0.00	33.70 2.00 0.00
W50THST__13_KV_LOAD 356117	28.71 2.18 0.00	26.64 2.00 0.00	26.02 1.86 0.00	25.20 1.71 0.00	24.83 1.58 0.00	26.08 1.68 0.00	27.35 2.05 0.00	31.71 2.48 0.00	34.74 2.91 -0.20	37.57 3.28 -0.44	36.76 3.00 0.00	40.77 3.29 -0.15	44.44 3.67 0.00	47.70 3.90 -0.02	48.57 3.93 0.00	56.97 5.58 -0.67	66.91 6.81 -0.88	70.72 7.01 -0.52	62.97 5.56 -0.05	51.34 3.31 0.00	47.89 2.50 0.00	41.59 2.65 0.00	36.70 2.43 0.00	33.89 2.19 0.00
WADING RIVER_IC_1 23522	35.60 2.63 -6.45	34.73 2.78 -7.30	32.94 2.66 -6.12	29.41 2.47 -3.46	29.68 2.35 -4.08	31.39 2.49 -4.51	33.15 2.83 -5.01	33.66 2.89 -1.55	36.82 3.45 -1.73	38.79 3.86 -1.09	40.42 3.61 -3.04	41.78 3.70 -0.75	49.04 4.20 -4.07	48.71 4.38 -0.55	58.84 4.38 -9.83	76.05 5.37 -19.96	90.45 6.27 -24.96	113.19 6.57 -43.43	121.04 5.97 -57.71	111.28 3.79 -59.46	57.71 3.31 -9.01	44.83 2.92 -2.97	38.88 2.81 -1.81	34.63 2.88 -0.04
WADING RIVER_IC_2 23547	35.60 2.63 -6.45	34.73 2.78 -7.30	32.94 2.66 -6.12	29.41 2.47 -3.46	29.68 2.35 -4.08	31.39 2.49 -4.51	33.15 2.83 -5.01	33.66 2.89 -1.55	36.82 3.45 -1.73	38.79 3.86 -1.09	40.42 3.61 -3.04	41.78 3.70 -0.75	49.04 4.20 -4.07	48.71 4.38 -0.55	58.84 4.38 -9.83	76.05 5.37 -19.96	90.45 6.27 -24.96	113.19 6.57 -43.43	121.04 5.97 -57.71	111.28 3.79 -59.46	57.71 3.31 -9.01	44.83 2.92 -2.97	38.88 2.81 -1.81	34.63 2.88 -0.04
WADING RIVER_IC_3 23601	35.60 2.63 -6.45	34.73 2.78 -7.30	32.94 2.66 -6.12	29.41 2.47 -3.46	29.68 2.35 -4.08	31.39 2.49 -4.51	33.15 2.83 -5.01	33.66 2.89 -1.55	36.82 3.45 -1.73	38.79 3.86 -1.09	40.42 3.61 -3.04	41.78 3.70 -0.75	49.04 4.20 -4.07	48.71 4.38 -0.55	58.84 4.38 -9.83	76.05 5.37 -19.96	90.45 6.27 -24.96	113.19 6.57 -43.43	121.04 5.97 -57.71	111.28 3.79 -59.46	57.71 3.31 -9.01	44.83 2.92 -2.97	38.88 2.81 -1.81	34.63 2.88 -0.04
WALDENNY_I2_KV_BK2 80841	28.63 2.10 0.00	26.47 1.82 0.00	25.64 1.47 0.00	24.73 1.24 0.00	24.51 1.26 0.00	25.86 1.46 0.00	27.02 1.72 0.00	30.97 1.75 0.00	32.87 1.23 0.00	34.96 1.12 0.00	35.31 1.55 0.00	39.13 1.79 0.00	42.85 2.08 0.00	45.28 1.49 0.00	46.56 1.92 0.00	53.10 2.38 0.00	62.12 2.90 0.00	67.28 3.29 -0.81	60.37 2.87 -0.14	51.43 3.41 0.00	48.07 2.68 0.00	41.32 2.38 0.00	36.08 1.82 0.00	33.95 2.25 0.00
WALDEN__HYDRO 24148	28.23 1.70 0.00	26.22 1.58 0.00	25.59 1.43 0.00	24.80 1.31 0.00	24.44 1.19 0.00	25.59 1.20 0.00	26.72 1.42 0.00	30.77 1.55 0.00	33.62 1.83 -0.15	36.27 2.10 -0.33	35.68 1.92 0.00	39.54 2.09 -0.11	43.09 2.32 0.00	46.38 2.58 -0.01	47.27 2.63 0.00	55.12 3.91 -0.50	64.73 4.86 -0.66	68.63 5.06 -0.39	61.64 4.24 -0.03	50.61 2.59 0.00	47.48 2.09 0.00	41.04 2.10 0.00	36.18 1.92 0.00	33.38 1.68 0.00
WARRENSBURG____ 23737	27.83 1.30 0.00	25.85 1.21 0.00	25.35 1.18 0.00	24.66 1.17 0.00	24.37 1.12 0.00	25.71 1.32 0.00	26.62 1.31 0.00	30.71 1.49 0.00	33.24 1.83 0.23	35.23 1.89 0.51	35.24 1.48 0.00	38.74 1.57 0.17	42.56 1.79 0.00	45.74 1.97 0.02	46.74 2.10 0.00	52.72 2.79 0.79	62.45 4.27 1.03	67.18 4.61 0.61	61.95 4.64 0.05	51.58 3.55 0.00	48.12 2.72 0.00	41.20 2.26 0.00	36.29 2.02 0.00	33.28 1.58 0.00
WATERSIDE____6 8 9 23538	28.65 2.12 0.00	26.62 1.97 0.00	25.98 1.81 0.00	25.15 1.67 0.00	24.76 1.51 0.00	25.98 1.59 0.00	27.28 1.97 0.00	31.56 2.34 0.00	34.59 2.75 -0.20	37.37 3.08 -0.45	36.53 2.77 -0.01	40.40 2.91 -0.15	43.87 3.10 0.00	47.09 3.28 -0.02	47.90 3.26 0.00	56.20 4.82 -0.67	66.01 5.92 -0.88	70.01 6.32 -0.51	62.33 4.93 -0.04	50.70 2.69 0.01	47.29 1.91 0.01	41.24 2.30 0.00	36.53 2.26 0.00	33.70 2.00 0.00
WATKINRD_115KV_LN8_ILLION 55919	26.74 0.21 0.00	24.82 0.17 0.00	24.36 0.19 0.00	23.67 0.19 0.00	23.46 0.21 0.00	24.62 0.22 0.00	25.53 0.23 0.00	29.48 0.26 0.00	31.95 0.32 0.00	34.15 0.30 0.00	34.13 0.37 0.00	37.75 0.41 0.00	41.26 0.49 0.00	44.27 0.48 0.00	44.90 0.27 0.00	51.22 0.51 0.00	59.81 0.59 0.00	65.27 0.63 -1.45	58.36 0.75 -0.26	48.55 0.53 0.00	45.89 0.50 0.00	39.29 0.35 0.00	34.57 0.31 0.00	31.95 0.25 0.00
WATSON__69_KV_BK 1 55734	36.24 3.26 -6.45	35.03 3.08 -7.30	33.23 2.95 -6.12	29.69 2.75 -3.46	29.96 2.63 -4.08	31.69 2.78 -4.51	33.48 3.16 -5.01	34.39 3.62 -1.55	37.55 4.18 -1.73	39.50 4.57 -1.09	41.66 4.32 -3.58	42.08 4.29 -0.45	48.52 4.97 -2.78	49.02 5.21 -0.02	56.58 5.18 -6.77	67.64 6.59 -10.33	79.80 7.64 -12.94	93.35 7.90 -22.27	82.42 6.94 -18.12	82.45 4.66 -29.77	53.99 4.09 -4.51	44.69 4.17 -1.58	41.25 3.60 -3.39	35.32 3.58 -0.04
WDELAWARE__HYD 323627	28.28 1.75 0.00	26.22 1.58 0.00	25.61 1.45 0.00	24.82 1.34 0.00	24.46 1.21 0.00	25.61 1.22 0.00	26.74 1.44 0.00	30.77 1.55 0.00	33.53 1.80 -0.09	36.12 2.06 -0.21	35.75 1.99 0.00	39.61 2.20 -0.07	43.25 2.49 0.00	46.56 2.76 -0.01	47.32 2.68 0.00	55.00 3.96 -0.32	64.50 4.86 -0.42	68.55 5.12 -0.25	61.80 4.42 -0.02	50.81 2.78 0.00	47.75 2.36 0.00	41.20 2.26 0.00	36.22 1.95 0.00	33.38 1.68 0.00
WEST BABYLON__IC 23714	36.08 3.10 -6.45	34.85 2.91 -7.30	33.04 2.75 -6.12	29.53 2.58 -3.46	29.80 2.46 -4.08	31.51 2.61 -4.51	33.27 2.96 -5.01	34.22 3.45 -1.55	37.30 3.92 -1.73	39.20 4.26 -1.09	40.71 4.02 -2.93	41.59 4.03 -0.22	47.21 4.65 -1.79	48.67 4.86 -0.02	53.89 4.82 -4.43	59.85 6.14 -3.00	70.11 7.11 -3.79	75.66 7.39 -5.08	67.88 6.48 -4.03	59.46 4.27 -7.17	50.16 3.68 -1.09	42.93 3.86 -0.13	39.12 3.39 -1.46	35.07 3.33 -0.04
WEST CANADA__HYD 24049	26.69 0.16 0.00	24.79 0.15 0.00	24.31 0.15 0.00	23.65 0.17 0.00	23.42 0.16 0.00	24.57 0.17 0.00	25.48 0.18 0.00	29.43 0.21 0.00	31.89 0.25 0.00	34.08 0.24 0.00	34.03 0.27 0.00	37.64 0.30 0.00	41.09 0.32 0.00	44.10 0.31 0.00	44.91 0.27 0.00	51.17 0.46 0.00	59.81 0.59 0.00	65.27 0.63 -1.45	58.25 0.63 -0.26	48.40 0.38 0.00	45.76 0.36 0.00	39.17 0.24 0.00	34.51 0.24 0.00	31.89 0.19 0.00



WESTERN_NY_WIND 24143	28.78 2.25 0.00	26.59 1.95 0.00	25.71 1.55 0.00	24.87 1.39 0.00	24.67 1.42 0.00	26.01 1.61 0.00	27.20 1.90 0.00	31.15 1.93 0.00	32.84 1.20 0.00	34.72 0.88 0.00	35.14 1.38 0.00	38.94 1.60 0.00	42.56 1.79 0.00	45.32 1.66 0.14	46.53 2.05 0.16	53.03 2.69 0.37	61.86 3.08 0.43	66.96 3.47 -0.31	60.16 3.10 0.30	52.16 4.42 0.28	48.34 2.95 0.00	41.43 2.49 0.00	36.11 1.85 0.00	34.05 2.35 0.00
WESTOVER___LESR 323668	27.51 0.98 0.00	25.51 0.86 0.00	24.91 0.75 0.00	24.16 0.68 0.00	23.93 0.67 0.00	25.18 0.78 0.00	26.19 0.89 0.00	30.27 1.05 0.00	32.59 0.95 0.00	34.79 0.95 0.00	34.94 1.18 0.00	38.68 1.34 0.00	42.24 1.47 0.00	45.40 1.40 -0.21	46.40 1.52 -0.25	53.41 2.13 -0.57	62.48 2.61 -0.66	66.89 2.91 -0.80	60.85 2.81 -0.68	50.84 2.40 -0.42	47.35 1.95 0.00	40.58 1.64 0.00	35.53 1.27 0.00	32.90 1.20 0.00
WETHRSFD_WT_PWR 323626	28.31 1.78 0.00	26.20 1.55 0.00	25.42 1.26 0.00	24.54 1.06 0.00	24.32 1.07 0.00	25.66 1.27 0.00	26.87 1.57 0.00	30.80 1.58 0.00	32.77 1.14 0.00	34.69 0.85 0.00	35.11 1.35 0.00	38.83 1.50 0.00	42.40 1.63 0.00	44.97 1.18 0.00	46.16 1.52 0.00	52.85 2.13 0.00	61.76 2.54 0.00	66.83 2.85 -0.80	60.14 2.64 -0.14	51.53 3.50 0.00	47.75 2.36 0.00	41.08 2.14 0.00	35.84 1.58 0.00	33.67 1.97 0.00
WHAVSTOR_138KV_BK127 55557	28.20 1.67 0.00	26.20 1.55 0.00	25.59 1.43 0.00	24.82 1.34 0.00	24.46 1.21 0.00	25.66 1.27 0.00	26.82 1.52 0.00	30.95 1.72 0.00	33.81 1.99 -0.18	36.48 2.23 -0.40	35.82 2.06 0.00	39.71 2.24 -0.13	43.25 2.49 0.00	46.52 2.71 -0.02	47.36 2.72 0.00	55.39 4.06 -0.62	65.06 5.03 -0.81	68.90 5.24 -0.48	61.59 4.19 -0.04	50.47 2.45 0.00	47.07 1.68 0.00	40.81 1.87 0.00	36.01 1.75 0.00	33.22 1.52 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	28.20 1.67 0.00	26.20 1.55 0.00	25.59 1.43 0.00	24.82 1.34 0.00	24.46 1.21 0.00	25.66 1.27 0.00	26.82 1.52 0.00	30.95 1.72 0.00	33.81 1.99 -0.18	36.48 2.23 -0.40	35.82 2.06 0.00	39.71 2.24 -0.13	43.25 2.49 0.00	46.52 2.71 -0.02	47.36 2.72 0.00	55.39 4.06 -0.62	65.06 5.03 -0.81	68.90 5.24 -0.48	61.59 4.19 -0.04	50.47 2.45 0.00	47.07 1.68 0.00	40.81 1.87 0.00	36.01 1.75 0.00	33.22 1.52 0.00
WHITEHAL_115KV_TB1 80871	28.60 2.07 0.00	26.52 1.87 0.00	25.98 1.81 0.00	25.25 1.76 0.00	24.95 1.70 0.00	26.44 2.05 0.00	27.38 2.07 0.00	31.65 2.43 0.00	34.31 2.91 0.23	36.20 2.88 0.52	36.26 2.50 0.00	39.85 2.69 0.17	43.87 3.10 0.00	47.23 3.46 0.02	48.39 3.75 0.00	54.48 4.56 0.80	64.86 6.69 1.05	69.83 7.27 0.62	64.42 7.11 0.06	53.69 5.67 0.00	49.84 4.45 0.00	42.64 3.70 0.00	37.42 3.15 0.00	34.30 2.60 0.00
WHITEPLN_13_KV_LOAD 356215	28.60 2.07 0.00	26.54 1.90 0.00	25.95 1.79 0.00	25.15 1.67 0.00	24.81 1.56 0.00	26.03 1.63 0.00	27.23 1.92 0.00	31.53 2.31 0.00	34.52 2.69 -0.20	37.30 3.01 -0.44	36.87 3.11 0.00	40.96 3.47 -0.15	44.64 3.87 0.00	47.92 4.12 -0.02	48.34 3.70 0.00	56.61 5.22 -0.67	66.55 6.45 -0.88	70.46 6.76 -0.52	62.97 5.56 -0.05	51.43 3.41 0.00	47.98 2.59 0.00	41.51 2.57 0.00	36.60 2.33 0.00	33.76 2.06 0.00
WM_FLOYD_69_KV_BK2 356380	35.84 2.87 -6.45	34.81 2.86 -7.30	33.04 2.75 -6.12	29.48 2.54 -3.46	29.75 2.42 -4.08	31.47 2.56 -4.51	33.25 2.94 -5.01	33.92 3.16 -1.55	37.07 3.70 -1.73	38.99 4.06 -1.09	40.66 3.85 -3.05	41.87 3.77 -0.76	49.32 4.44 -4.11	48.50 4.69 -0.03	59.21 4.64 -9.93	76.82 5.83 -20.27	91.37 6.81 -25.35	115.01 7.08 -44.75	100.47 6.25 -36.85	112.56 4.13 -60.41	58.08 3.54 -9.15	45.81 3.62 -3.25	39.16 3.05 -1.84	34.88 3.14 -0.04
WOODARD___115KV_TB2 355635	26.56 0.03 0.00	24.62 -0.02 0.00	24.07 -0.10 0.00	23.37 -0.12 0.00	23.14 -0.12 0.00	24.32 -0.07 0.00	25.28 -0.03 0.00	29.19 -0.03 0.00	31.42 -0.22 0.00	33.58 -0.27 0.00	33.66 -0.10 0.00	37.30 -0.04 0.00	40.77 0.00 -0.37	44.25 0.09 -0.44	45.21 0.13 -1.01	52.18 0.46 -1.17	60.92 0.53 -2.89	66.77 0.70 -2.89	59.57 0.75 -1.46	49.44 0.67 -0.74	45.71 0.32 0.00	39.10 0.16 0.00	34.26 0.00 0.00	31.83 0.13 0.00
YORK___WARBASSE 23770	28.87 2.33 -0.01	26.80 2.14 -0.01	26.15 1.98 0.00	25.29 1.81 0.00	24.90 1.65 0.00	26.10 1.71 0.00	27.40 2.10 0.00	31.68 2.45 0.00	34.72 2.88 -0.20	37.58 3.28 -0.45	36.74 2.97 -0.01	40.66 3.17 -0.15	44.11 3.34 0.00	47.31 3.50 -0.02	48.12 3.48 0.00	81.57 5.22 -25.63	81.41 6.40 -15.80	77.96 6.82 -7.95	101.67 5.39 -38.92	50.94 2.93 0.01	47.52 2.13 0.01	41.47 2.53 0.00	36.73 2.47 0.00	33.86 2.16 0.00