

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/20/2023

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	28.33	26.02	24.83	23.09	22.55	23.89	24.92	27.54	30.29	32.29	33.60	36.05	38.49	40.62	43.63	46.50	51.91	54.58	51.60	44.73	40.22	37.24	33.59	30.16
24138	2.15	1.95	1.78	1.71	1.59	1.61	1.85	2.34	2.78	2.88	3.03	2.96	2.99	3.07	3.22	3.61	4.46	5.23	4.30	2.81	2.67	2.73	2.69	2.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.30	-0.50	-0.57	-0.28	-0.14	-0.60	-0.46	-0.56	-0.02	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	28.36	26.05	24.86	23.11	22.45	23.87	24.90	27.54	30.30	32.35	33.45	35.99	38.38	40.55	43.51	46.46	51.86	54.49	51.60	44.65	40.29	37.31	33.72	30.16
24260	2.17	1.97	1.80	1.73	1.49	1.58	1.82	2.34	2.78	2.94	2.89	2.89	2.89	2.99	3.10	3.57	4.41	5.13	4.30	2.73	2.74	2.80	2.81	2.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.30	-0.50	-0.57	-0.28	-0.14	-0.60	-0.46	-0.56	-0.02	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	28.36	26.05	24.86	23.11	22.45	23.87	24.90	27.54	30.30	32.35	33.45	35.99	38.38	40.55	43.51	46.46	51.86	54.49	51.60	44.65	40.29	37.31	33.72	30.16
24261	2.17	1.97	1.80	1.73	1.49	1.58	1.82	2.34	2.78	2.94	2.89	2.89	2.89	2.99	3.10	3.57	4.41	5.13	4.30	2.73	2.74	2.80	2.81	2.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.30	-0.50	-0.57	-0.28	-0.14	-0.60	-0.46	-0.56	-0.02	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	27.44	25.20	24.21	22.45	21.94	23.40	24.25	26.66	29.08	30.26	30.86	33.43	36.51	39.07	41.07	44.31	49.27	53.21	51.08	45.03	40.37	37.17	33.07	29.52
24011	1.26	1.13	1.15	1.07	0.99	1.11	1.18	1.46	1.57	1.51	1.41	1.59	1.62	1.83	1.99	2.42	3.05	3.90	3.78	3.10	2.82	2.66	2.16	1.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.36	0.61	0.69	0.33	0.17	0.72	0.55	0.67	0.02	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	27.55	25.32	24.33	22.56	22.09	23.51	24.39	26.83	29.30	30.44	31.14	33.66	36.79	39.37	41.44	44.70	49.75	53.70	51.60	45.49	40.74	37.49	33.32	29.72
23798	1.36	1.25	1.27	1.18	1.13	1.22	1.31	1.64	1.79	1.69	1.68	1.82	1.90	2.13	2.35	2.80	3.52	4.39	4.30	3.56	3.19	2.97	2.41	2.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.36	0.60	0.68	0.33	0.17	0.72	0.54	0.67	0.02	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	27.44	25.20	24.21	22.45	21.94	23.40	24.25	26.66	29.08	30.26	30.86	33.43	36.51	39.07	41.07	44.31	49.27	53.21	51.08	45.03	40.37	37.17	33.07	29.52
24028	1.26	1.13	1.15	1.07	0.99	1.11	1.18	1.46	1.57	1.51	1.41	1.59	1.62	1.83	1.99	2.42	3.05	3.90	3.78	3.10	2.82	2.66	2.16	1.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.36	0.61	0.69	0.33	0.17	0.72	0.55	0.67	0.02	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	27.37	25.18	24.14	22.45	21.96	23.31	24.21	26.43	28.97	29.79	30.17	32.46	35.91	38.47	39.85	43.07	47.87	52.25	49.89	43.73	39.32	36.24	32.48	29.11
23527	1.18	1.11	1.08	1.07	1.01	1.03	1.13	1.23	1.46	1.43	1.35	1.33	1.37	1.42	1.51	1.74	2.34	2.96	2.60	1.80	1.77	1.73	1.58	1.39
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.74	1.24	1.40	0.68	0.36	1.47	1.12	1.37	0.05	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	26.58	24.43	23.47	21.81	21.29	22.64	23.47	25.70	28.12	29.38	30.02	32.42	35.39	37.78	39.74	42.70	47.49	50.94	48.62	42.68	38.34	35.31	31.61	28.33
24190	0.39	0.36	0.42	0.43	0.34	0.36	0.39	0.50	0.61	0.58	0.48	0.49	0.46	0.52	0.56	0.72	1.17	1.63	1.32	0.75	0.79	0.79	0.71	0.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.31	0.52	0.59	0.28	0.15	0.62	0.47	0.58	0.02	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	25.56	23.49	22.46	20.82	20.50	21.77	22.48	24.59	26.83	28.47	29.43	31.77	34.48	36.59	38.93	41.60	45.35	47.36	45.78	41.04	36.73	33.69	30.13	26.97
355683	-0.63	-0.58	-0.60	-0.56	-0.46	-0.51	-0.60	-0.60	-0.69	-0.64	-0.63	-0.75	-0.74	-0.82	-0.88	-0.85	-1.55	-1.97	-1.51	-0.88	-0.83	-0.83	-0.77	-0.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	26.58	24.43	23.47	21.81	21.29	22.64	23.47	25.70	28.12	29.38	30.02	32.42	35.39	37.78	39.74	42.70	47.49	50.94	48.62	42.68	38.34	35.31	31.61	28.33
23571	0.39	0.36	0.42	0.43	0.34	0.36	0.39	0.50	0.61	0.58	0.48	0.49	0.46	0.52	0.56	0.72	1.17	1.63	1.32	0.75	0.79	0.79	0.71	0.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.31	0.52	0.59	0.28	0.15	0.62	0.47	0.58	0.02	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___2	26.58	24.43	23.47	21.81	21.29	22.64	23.47	25.70	28.12	29.38	30.02	32.42	35.39	37.78	39.74	42.70	47.49	50.94	48.62	42.68	38.34	35.31	31.61	28.33
23572	0.39	0.36	0.42	0.43	0.34	0.36	0.39	0.50	0.61	0.58	0.48	0.49	0.46	0.52	0.56	0.72	1.17	1.63	1.32	0.75	0.79	0.79	0.71	0.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.31	0.52	0.59	0.28	0.15	0.62	0.47	0.58	0.02	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___3	26.58	24.43	23.47	21.81	21.29	22.64	23.47	25.70	28.12	29.38	30.02	32.42	35.39	37.78	39.74	42.70	47.49	50.94	48.62	42.68	38.34	35.31	31.61	28.33
23573	0.39	0.36	0.42	0.43	0.34	0.36	0.39	0.50	0.61	0.58	0.48	0.49	0.46	0.52	0.56	0.72	1.17	1.63	1.32	0.75	0.79	0.79	0.71	0.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.31	0.52	0.59	0.28	0.15	0.62	0.47	0.58	0.02	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___4 23574	26.58 0.39 0.00	24.43 0.36 0.00	23.47 0.42 0.00	21.81 0.43 0.00	21.29 0.34 0.00	22.64 0.36 0.00	23.47 0.39 0.00	25.70 0.50 0.00	28.12 0.61 0.00	29.38 0.58 0.31	30.02 0.48 0.52	32.42 0.49 0.59	35.39 0.46 0.28	37.78 0.52 0.15	39.74 0.56 0.62	42.70 0.72 0.47	47.49 1.17 0.58	50.94 1.63 0.02	48.62 1.32 0.00	42.68 0.75 0.00	38.34 0.79 0.00	35.31 0.79 0.00	31.61 0.71 0.00	28.33 0.61 0.00
ALBANY___LFGE 323615	26.84 0.65 0.00	24.70 0.62 0.00	23.73 0.67 0.00	22.04 0.66 0.00	21.57 0.61 0.00	22.89 0.60 0.00	23.72 0.65 0.00	25.98 0.78 0.00	28.42 0.91 0.00	29.68 0.90 0.33	30.43 0.93 0.56	32.77 0.88 0.63	35.79 0.88 0.31	38.22 0.97 0.16	40.21 1.08 0.67	43.26 1.32 0.51	48.06 1.78 0.62	51.63 2.32 0.02	49.28 1.99 0.00	43.27 1.34 0.00	38.83 1.28 0.00	35.76 1.24 0.00	31.98 1.08 0.00	28.66 0.94 0.00
ALCOA_PA_115KV_PL-6C 55860	25.61 -0.58 0.00	23.52 -0.55 0.00	22.48 -0.58 0.00	20.85 -0.53 0.00	20.52 -0.44 0.00	21.79 -0.49 0.00	22.50 -0.58 0.00	24.59 -0.60 0.00	26.83 -0.69 0.00	28.53 -0.58 0.00	29.46 -0.60 0.00	31.84 -0.68 0.00	34.55 -0.67 0.00	36.66 -0.75 0.00	39.01 -0.80 0.00	41.72 -0.72 0.00	45.49 -1.41 0.00	47.26 -2.07 0.00	45.92 -1.37 0.00	41.17 -0.75 0.00	36.84 -0.71 0.00	33.76 -0.76 0.00	30.19 -0.71 0.00	27.00 -0.72 0.00
ALCOA_RYNLDS___DRP 24188	25.61 -0.58 0.00	23.52 -0.55 0.00	22.48 -0.58 0.00	20.85 -0.53 0.00	20.52 -0.44 0.00	21.79 -0.49 0.00	22.50 -0.58 0.00	24.59 -0.60 0.00	26.83 -0.69 0.00	28.53 -0.58 0.00	29.46 -0.60 0.00	31.84 -0.68 0.00	34.55 -0.67 0.00	36.66 -0.75 0.00	39.01 -0.80 0.00	41.72 -0.72 0.00	45.49 -1.41 0.00	47.26 -2.07 0.00	45.92 -1.37 0.00	41.17 -0.75 0.00	36.84 -0.71 0.00	33.76 -0.76 0.00	30.19 -0.71 0.00	27.00 -0.72 0.00
ALCOA___DSASP 323711	25.61 -0.58 0.00	23.54 -0.53 0.00	22.48 -0.58 0.00	20.85 -0.53 0.00	20.46 -0.50 0.00	21.79 -0.49 0.00	22.50 -0.58 0.00	24.59 -0.60 0.00	26.83 -0.69 0.00	28.53 -0.58 0.00	29.55 -0.51 0.00	31.84 -0.68 0.00	34.55 -0.67 0.00	36.66 -0.75 0.00	39.01 -0.80 0.00	41.72 -0.72 0.00	45.49 -1.41 0.00	47.22 -2.12 0.00	45.92 -1.37 0.00	41.17 -0.75 0.00	36.84 -0.71 0.00	33.76 -0.76 0.00	30.19 -0.71 0.00	27.00 -0.72 0.00
ALLEGHENY___COGEN 23514	28.36 2.17 0.00	26.02 1.95 0.00	24.86 1.80 0.00	22.79 1.41 0.00	22.40 1.45 0.00	24.02 1.74 0.00	24.74 1.66 0.00	26.46 1.26 0.00	28.34 0.82 0.00	29.81 0.70 0.00	30.66 0.60 0.00	33.76 1.24 0.00	35.61 0.39 0.00	37.71 0.30 0.00	40.24 0.44 0.00	43.29 0.85 0.00	48.77 1.88 0.00	51.16 1.83 0.00	49.19 1.89 0.00	44.19 2.26 0.00	39.54 1.99 0.00	36.38 1.86 0.00	33.19 2.29 0.00	30.13 2.41 0.00
ALTAMONT_115KV_TB 2 55880	26.97 0.79 0.00	24.79 0.72 0.00	23.80 0.74 0.00	22.11 0.73 0.00	21.59 0.63 0.00	22.98 0.69 0.00	23.79 0.72 0.00	26.05 0.86 0.00	28.51 0.99 0.00	29.85 0.96 0.22	30.59 0.90 0.37	33.05 0.94 0.42	35.97 0.95 0.20	38.31 1.01 0.11	40.44 1.07 0.44	43.38 1.27 0.33	48.22 1.74 0.41	51.54 2.22 0.02	49.19 1.89 0.00	43.22 1.30 0.00	38.79 1.24 0.00	35.72 1.21 0.00	32.02 1.11 0.00	28.69 0.97 0.00
ALTONA_WT_PWR 323606	26.37 0.18 0.00	24.24 0.17 0.00	23.13 0.07 0.00	21.47 0.09 0.00	21.11 0.15 0.00	22.53 0.25 0.00	23.24 0.16 0.00	25.47 0.28 0.00	27.76 0.25 0.00	29.60 0.49 0.00	30.63 0.57 0.00	32.91 0.39 0.00	35.75 0.53 0.00	37.89 0.49 0.00	40.44 0.63 0.00	43.12 0.68 0.00	47.27 0.37 0.00	49.34 0.00 0.00	47.77 0.47 0.00	42.59 0.67 0.00	37.89 0.34 0.00	34.52 0.00 0.00	30.75 -0.15 0.00	27.39 -0.33 0.00
AMERICAN_REF_FUEL 24010	27.02 0.84 0.00	24.82 0.75 0.00	23.68 0.62 0.00	21.74 0.36 0.00	21.38 0.42 0.00	22.93 0.65 0.00	23.49 0.42 0.00	25.05 -0.15 0.00	26.88 -0.63 0.00	28.44 -0.67 0.00	29.13 -0.93 0.00	32.39 -0.13 0.00	35.36 0.14 0.00	37.48 0.07 0.00	39.77 -0.04 0.00	41.81 -0.64 0.00	46.85 -0.05 0.00	49.09 -0.25 0.00	47.20 -0.09 0.00	42.01 0.08 0.00	37.33 -0.22 0.00	34.38 -0.14 0.00	30.62 -0.28 0.00	28.22 0.50 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	28.25 2.07 0.00	25.88 1.81 0.00	24.65 1.59 0.00	22.62 1.24 0.00	22.26 1.30 0.00	23.91 1.63 0.00	24.62 1.55 0.00	26.48 1.28 0.00	28.45 0.94 0.00	30.19 1.08 0.00	31.14 1.08 0.00	34.44 1.92 0.00	37.68 2.46 0.00	39.99 2.58 0.00	42.31 2.51 0.00	44.61 2.16 0.00	49.99 3.09 0.00	52.40 3.06 0.00	50.28 2.98 0.00	44.65 2.72 0.00	39.47 1.91 0.00	36.31 1.79 0.00	32.20 1.30 0.00	29.30 1.58 0.00
ARTHUR_KILL_GT_1 23520	28.42 2.22 -0.01	26.10 2.02 -0.01	24.89 1.82 -0.01	23.14 1.75 -0.01	22.55 1.59 0.00	23.69 1.40 0.00	24.57 1.50 0.00	27.33 2.14 0.01	30.09 2.59 0.01	33.81 2.79 -1.90	35.46 2.91 -2.48	35.75 2.67 -0.56	38.20 2.71 -0.27	40.31 2.77 -0.14	43.14 2.74 -0.59	46.12 3.22 -0.45	51.43 3.98 -0.55	54.09 4.74 -0.01	51.12 3.83 0.01	44.22 2.30 0.01	40.17 2.63 0.01	37.26 2.73 -0.02	35.72 2.84 -1.98	30.20 2.47 -0.02
ARTHUR_KILL_2 23512	28.34 2.15 -0.01	26.01 1.93 -0.01	24.80 1.73 -0.01	23.08 1.69 -0.01	22.49 1.53 0.00	23.62 1.34 0.00	24.51 1.43 0.00	27.23 2.04 0.01	30.01 2.50 0.01	33.72 2.71 -1.90	35.34 2.80 -2.48	35.65 2.57 -0.56	38.05 2.57 -0.27	40.16 2.62 -0.14	42.98 2.59 -0.59	45.91 3.01 -0.45	51.20 3.75 -0.55	53.84 4.49 -0.01	50.88 3.59 0.01	44.01 2.10 0.01	40.02 2.48 0.01	37.13 2.59 -0.02	35.57 2.69 -1.98	30.12 2.38 -0.02
ARTHUR_KILL_3 23513	28.05 1.86 0.00	25.76 1.68 0.00	24.56 1.50 0.00	22.83 1.45 0.00	22.34 1.38 0.00	23.62 1.34 0.00	24.64 1.57 0.00	27.24 2.04 0.00	29.96 2.45 0.00	33.58 2.56 -1.91	35.16 2.61 -2.49	35.53 2.44 -0.57	37.89 2.40 -0.28	39.98 2.43 -0.14	42.91 2.51 -0.60	45.79 2.89 -0.46	51.16 3.70 -0.56	53.75 4.39 -0.02	50.84 3.55 0.00	44.02 2.10 0.00	39.69 2.14 0.00	36.86 2.31 -0.03	35.30 2.41 -1.99	29.83 2.11 -0.01
ARTHUR_KILL_COGEN 323718	28.42 2.22 -0.01	26.10 2.02 -0.01	24.89 1.82 -0.01	23.14 1.75 -0.01	22.55 1.59 0.00	23.69 1.40 0.00	24.57 1.50 0.00	27.33 2.14 0.01	30.09 2.59 0.01	33.81 2.79 -1.90	35.46 2.91 -2.48	35.75 2.67 -0.56	38.20 2.71 -0.27	40.31 2.77 -0.14	43.14 2.74 -0.59	46.12 3.22 -0.45	51.43 3.98 -0.55	54.09 4.74 -0.01	51.12 3.83 0.01	44.22 2.30 0.01	40.17 2.63 0.01	37.26 2.73 -0.02	35.72 2.84 -1.98	30.20 2.47 -0.02
ASHOKAN____ 23654	27.08 0.89 0.00	24.91 0.84 0.00	23.87 0.81 0.00	22.17 0.79 0.00	21.59 0.63 0.00	22.82 0.53 0.00	23.70 0.62 0.00	25.62 0.43 0.00	27.98 0.47 0.00	30.48 1.37 0.00	31.56 1.50 0.00	34.02 1.50 0.00	36.77 1.55 0.00	39.24 1.83 0.00	41.76 1.95 0.00	44.90 2.46 0.00	50.09 3.19 0.00	51.85 2.51 0.00	49.19 1.89 0.00	42.97 1.05 0.00	38.68 1.13 0.00	35.62 1.10 0.00	31.98 1.08 0.00	28.61 0.89 0.00

ASTORIA_EAST_ENERGY_CC1 323581	28.37 2.17 -0.01	26.05 1.97 -0.01	24.90 1.85 0.00	23.18 1.80 -0.01	22.59 1.64 0.00	23.76 1.47 0.00	24.59 1.52 0.01	27.39 2.19 0.00	30.10 2.59 0.00	32.12 2.71 -0.31	33.35 2.80 -0.50	35.65 2.57 -0.56	38.05 2.57 -0.27	40.09 2.55 -0.14	42.95 2.55 -0.59	45.86 2.97 -0.45	51.10 3.66 -0.55	53.84 4.49 -0.01	50.65 3.36 0.01	43.93 2.01 0.01	39.84 2.29 0.01	37.07 2.55 0.00	33.63 2.72 -0.01	30.17 2.44 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	28.37 2.17 -0.01	26.05 1.97 -0.01	24.90 1.85 0.00	23.18 1.80 -0.01	22.59 1.64 0.00	23.76 1.47 0.00	24.59 1.52 0.01	27.39 2.19 0.00	30.10 2.59 0.00	32.12 2.71 -0.31	33.35 2.80 -0.50	35.65 2.57 -0.56	38.05 2.57 -0.27	40.09 2.55 -0.14	42.95 2.55 -0.59	45.86 2.97 -0.45	51.10 3.66 -0.55	53.84 4.49 -0.01	50.65 3.36 0.01	43.93 2.01 0.01	39.84 2.29 0.01	37.07 2.55 0.00	33.63 2.72 -0.01	30.17 2.44 -0.01
ASTORIA_GT2_1 24094	28.37 2.17 -0.01	26.08 2.00 -0.01	24.90 1.84 0.00	23.18 1.80 -0.01	22.49 1.53 0.00	23.78 1.49 0.00	24.60 1.52 0.00	27.39 2.19 0.00	30.13 2.61 0.00	32.12 2.71 -0.31	33.20 2.65 -0.50	35.66 2.57 -0.57	38.06 2.57 -0.28	40.13 2.58 -0.14	42.95 2.55 -0.60	45.91 3.01 -0.46	51.15 3.70 -0.55	53.84 4.49 -0.01	51.02 3.74 0.01	43.98 2.05 0.00	39.88 2.33 0.00	37.07 2.55 0.00	33.66 2.75 -0.01	30.20 2.47 -0.01
ASTORIA_GT2_2 24095	28.37 2.17 -0.01	26.08 2.00 -0.01	24.90 1.84 0.00	23.18 1.80 -0.01	22.49 1.53 0.00	23.78 1.49 0.00	24.60 1.52 0.00	27.39 2.19 0.00	30.13 2.61 0.00	32.12 2.71 -0.31	33.20 2.65 -0.50	35.66 2.57 -0.57	38.06 2.57 -0.28	40.13 2.58 -0.14	42.95 2.55 -0.60	45.91 3.01 -0.46	51.15 3.70 -0.55	53.84 4.49 -0.01	51.02 3.74 0.01	43.98 2.05 0.00	39.88 2.33 0.00	37.07 2.55 0.00	33.66 2.75 -0.01	30.20 2.47 -0.01
ASTORIA_GT2_3 24096	28.37 2.17 -0.01	26.08 2.00 -0.01	24.90 1.84 0.00	23.18 1.80 -0.01	22.49 1.53 0.00	23.78 1.49 0.00	24.60 1.52 0.00	27.39 2.19 0.00	30.13 2.61 0.00	32.12 2.71 -0.31	33.20 2.65 -0.50	35.66 2.57 -0.57	38.06 2.57 -0.28	40.13 2.58 -0.14	42.95 2.55 -0.60	45.91 3.01 -0.46	51.15 3.70 -0.55	53.84 4.49 -0.01	51.02 3.74 0.01	43.98 2.05 0.00	39.88 2.33 0.00	37.07 2.55 0.00	33.66 2.75 -0.01	30.20 2.47 -0.01
ASTORIA_GT2_4 24097	28.37 2.17 -0.01	26.08 2.00 -0.01	24.90 1.84 0.00	23.18 1.80 -0.01	22.49 1.53 0.00	23.78 1.49 0.00	24.60 1.52 0.00	27.39 2.19 0.00	30.13 2.61 0.00	32.12 2.71 -0.31	33.20 2.65 -0.50	35.66 2.57 -0.57	38.06 2.57 -0.28	40.13 2.58 -0.14	42.95 2.55 -0.60	45.91 3.01 -0.46	51.15 3.70 -0.55	53.84 4.49 -0.01	51.02 3.74 0.01	43.98 2.05 0.00	39.88 2.33 0.00	37.07 2.55 0.00	33.66 2.75 -0.01	30.20 2.47 -0.01
ASTORIA_GT3_1 24098	28.37 2.17 -0.01	26.08 2.00 -0.01	24.90 1.84 0.00	23.18 1.80 -0.01	22.49 1.53 0.00	23.78 1.49 0.00	24.60 1.52 0.00	27.39 2.19 0.00	30.13 2.61 0.00	32.12 2.71 -0.31	33.20 2.65 -0.50	35.66 2.57 -0.57	38.06 2.57 -0.28	40.13 2.58 -0.14	42.95 2.55 -0.60	45.91 3.01 -0.46	51.15 3.70 -0.55	53.84 4.49 -0.01	51.02 3.74 0.01	43.98 2.05 0.00	39.88 2.33 0.00	37.07 2.55 0.00	33.66 2.75 -0.01	30.20 2.47 -0.01
ASTORIA_GT3_2 24099	28.37 2.17 -0.01	26.08 2.00 -0.01	24.90 1.84 0.00	23.18 1.80 -0.01	22.49 1.53 0.00	23.78 1.49 0.00	24.60 1.52 0.00	27.39 2.19 0.00	30.13 2.61 0.00	32.12 2.71 -0.31	33.20 2.65 -0.50	35.66 2.57 -0.57	38.06 2.57 -0.28	40.13 2.58 -0.14	42.95 2.55 -0.60	45.91 3.01 -0.46	51.15 3.70 -0.55	53.84 4.49 -0.01	51.02 3.74 0.01	43.98 2.05 0.00	39.88 2.33 0.00	37.07 2.55 0.00	33.66 2.75 -0.01	30.20 2.47 -0.01
ASTORIA_GT3_3 24100	28.37 2.17 -0.01	26.08 2.00 -0.01	24.90 1.84 0.00	23.18 1.80 -0.01	22.49 1.53 0.00	23.78 1.49 0.00	24.60 1.52 0.00	27.39 2.19 0.00	30.13 2.61 0.00	32.12 2.71 -0.31	33.20 2.65 -0.50	35.66 2.57 -0.57	38.06 2.57 -0.28	40.13 2.58 -0.14	42.95 2.55 -0.60	45.91 3.01 -0.46	51.15 3.70 -0.55	53.84 4.49 -0.01	51.02 3.74 0.01	43.98 2.05 0.00	39.88 2.33 0.00	37.07 2.55 0.00	33.66 2.75 -0.01	30.20 2.47 -0.01
ASTORIA_GT3_4 24101	28.37 2.17 -0.01	26.08 2.00 -0.01	24.90 1.84 0.00	23.18 1.80 -0.01	22.49 1.53 0.00	23.78 1.49 0.00	24.60 1.52 0.00	27.39 2.19 0.00	30.13 2.61 0.00	32.12 2.71 -0.31	33.20 2.65 -0.50	35.66 2.57 -0.57	38.06 2.57 -0.28	40.13 2.58 -0.14	42.95 2.55 -0.60	45.91 3.01 -0.46	51.15 3.70 -0.55	53.84 4.49 -0.01	51.02 3.74 0.01	43.98 2.05 0.00	39.88 2.33 0.00	37.07 2.55 0.00	33.66 2.75 -0.01	30.20 2.47 -0.01
ASTORIA_GT4_1 24102	28.37 2.17 -0.01	26.08 2.00 -0.01	24.90 1.84 0.00	23.18 1.80 -0.01	22.49 1.53 0.00	23.78 1.49 0.00	24.60 1.52 0.00	27.39 2.19 0.00	30.13 2.61 0.00	32.12 2.71 -0.31	33.20 2.65 -0.50	35.66 2.57 -0.57	38.06 2.57 -0.28	40.13 2.58 -0.14	42.95 2.55 -0.60	45.91 3.01 -0.46	51.15 3.70 -0.55	53.84 4.49 -0.01	51.02 3.74 0.01	43.98 2.05 0.00	39.88 2.33 0.00	37.07 2.55 0.00	33.66 2.75 -0.01	30.20 2.47 -0.01
ASTORIA_GT4_2 24103	28.37 2.17 -0.01	26.08 2.00 -0.01	24.90 1.84 0.00	23.18 1.80 -0.01	22.49 1.53 0.00	23.78 1.49 0.00	24.60 1.52 0.00	27.39 2.19 0.00	30.13 2.61 0.00	32.12 2.71 -0.31	33.20 2.65 -0.50	35.66 2.57 -0.57	38.06 2.57 -0.28	40.13 2.58 -0.14	42.95 2.55 -0.60	45.91 3.01 -0.46	51.15 3.70 -0.55	53.84 4.49 -0.01	51.02 3.74 0.01	43.98 2.05 0.00	39.88 2.33 0.00	37.07 2.55 0.00	33.66 2.75 -0.01	30.20 2.47 -0.01
ASTORIA_GT4_3 24104	28.37 2.17 -0.01	26.08 2.00 -0.01	24.90 1.84 0.00	23.18 1.80 -0.01	22.49 1.53 0.00	23.78 1.49 0.00	24.60 1.52 0.00	27.39 2.19 0.00	30.13 2.61 0.00	32.12 2.71 -0.31	33.20 2.65 -0.50	35.66 2.57 -0.57	38.06 2.57 -0.28	40.13 2.58 -0.14	42.95 2.55 -0.60	45.91 3.01 -0.46	51.15 3.70 -0.55	53.84 4.49 -0.01	51.02 3.74 0.01	43.98 2.05 0.00	39.88 2.33 0.00	37.07 2.55 0.00	33.66 2.75 -0.01	30.20 2.47 -0.01
ASTORIA_GT4_4 24105	28.37 2.17 -0.01	26.08 2.00 -0.01	24.90 1.84 0.00	23.18 1.80 -0.01	22.49 1.53 0.00	23.78 1.49 0.00	24.60 1.52 0.00	27.39 2.19 0.00	30.13 2.61 0.00	32.12 2.71 -0.31	33.20 2.65 -0.50	35.66 2.57 -0.57	38.06 2.57 -0.28	40.13 2.58 -0.14	42.95 2.55 -0.60	45.91 3.01 -0.46	51.15 3.70 -0.55	53.84 4.49 -0.01	51.02 3.74 0.01	43.98 2.05 0.00	39.88 2.33 0.00	37.07 2.55 0.00	33.66 2.75 -0.01	30.20 2.47 -0.01
ASTORIA_GT_1 23523	28.45 2.25 -0.01	26.13 2.04 -0.01	24.95 1.89 0.00	23.23 1.84 -0.01	22.66 1.70 0.00	23.82 1.54 0.00	24.64 1.57 0.01	27.47 2.27 0.00	30.18 2.67 0.00	32.21 2.79 -0.31	33.44 2.89 -0.50	35.75 2.67 -0.56	38.16 2.68 -0.27	40.20 2.66 -0.14	43.06 2.67 -0.59	46.03 3.14 -0.45	51.29 3.85 -0.55	54.04 4.69 -0.01	50.79 3.50 0.01	44.05 2.14 0.01	39.95 2.41 0.01	37.17 2.66 0.00	33.72 2.81 -0.01	30.25 2.52 -0.01

ASTORIA_GT_10 24110	28.25 2.07 0.00	25.95 1.88 0.00	24.77 1.71 0.00	23.03 1.65 0.00	22.36 1.40 0.00	23.71 1.43 0.00	24.67 1.59 0.00	27.36 2.17 0.00	30.10 2.59 0.00	32.18 2.77 -0.31	33.90 2.71 -1.14	35.73 2.63 -0.57	38.10 2.61 -0.28	40.17 2.62 -0.14	43.03 2.63 -0.60	45.96 3.06 -0.46	51.15 3.70 -0.55	53.79 4.44 -0.01	50.93 3.64 0.01	44.06 2.14 0.00	39.96 2.40 0.00	37.07 2.55 0.00	33.60 2.69 -0.01	30.02 2.30 0.00
ASTORIA_GT_11 24225	28.25 2.07 0.00	25.95 1.88 0.00	24.77 1.71 0.00	23.03 1.65 0.00	22.36 1.40 0.00	23.71 1.43 0.00	24.67 1.59 0.00	27.36 2.17 0.00	30.10 2.59 0.00	32.18 2.77 -0.31	33.90 2.71 -1.14	35.73 2.63 -0.57	38.10 2.61 -0.28	40.17 2.62 -0.14	43.03 2.63 -0.60	45.96 3.06 -0.46	51.15 3.70 -0.55	53.79 4.44 -0.01	50.93 3.64 0.01	44.06 2.14 0.00	39.96 2.40 0.00	37.07 2.55 0.00	33.60 2.69 -0.01	30.02 2.30 0.00
ASTORIA_GT_12 24226	28.25 2.07 0.00	25.95 1.88 0.00	24.77 1.71 0.00	23.03 1.65 0.00	22.49 1.53 0.00	23.71 1.43 0.00	24.67 1.59 0.00	27.36 2.17 0.00	30.10 2.59 0.00	32.18 2.77 -0.31	34.05 2.86 -1.14	35.72 2.63 -0.57	38.14 2.64 -0.28	40.21 2.66 -0.14	43.03 2.63 -0.60	45.96 3.06 -0.46	51.15 3.70 -0.55	53.84 4.49 -0.01	50.79 3.50 0.01	44.06 2.14 0.00	39.96 2.41 0.00	37.07 2.55 0.00	33.60 2.69 -0.01	30.02 2.30 0.00
ASTORIA_GT_13 24227	28.25 2.07 0.00	25.95 1.88 0.00	24.77 1.71 0.00	23.03 1.65 0.00	22.49 1.53 0.00	23.71 1.43 0.00	24.67 1.59 0.00	27.36 2.17 0.00	30.10 2.59 0.00	32.18 2.77 -0.31	34.05 2.86 -1.14	35.72 2.63 -0.57	38.14 2.64 -0.28	40.21 2.66 -0.14	43.03 2.63 -0.60	45.96 3.06 -0.46	51.15 3.70 -0.55	53.84 4.49 -0.01	50.79 3.50 0.01	44.06 2.14 0.00	39.96 2.41 0.00	37.07 2.55 0.00	33.60 2.69 -0.01	30.02 2.30 0.00
ASTORIA_GT_5 24106	28.45 2.25 -0.01	26.13 2.04 -0.01	24.95 1.89 0.00	23.23 1.84 -0.01	22.66 1.70 0.00	23.82 1.54 0.00	24.64 1.57 0.01	27.47 2.27 0.00	30.18 2.67 0.00	32.21 2.79 -0.31	33.44 2.89 -0.50	35.75 2.67 -0.56	38.16 2.68 -0.27	40.20 2.66 -0.14	43.06 2.67 -0.59	46.03 3.14 -0.45	51.29 3.85 -0.55	54.04 4.69 -0.01	50.79 3.50 0.01	44.05 2.14 0.01	39.95 2.41 0.01	37.17 2.66 0.00	33.72 2.81 -0.01	30.25 2.52 -0.01
ASTORIA_GT_7 24107	28.45 2.25 -0.01	26.13 2.04 -0.01	24.95 1.89 0.00	23.23 1.84 -0.01	22.66 1.70 0.00	23.82 1.54 0.00	24.64 1.57 0.01	27.47 2.27 0.00	30.18 2.67 0.00	32.21 2.79 -0.31	33.44 2.89 -0.50	35.75 2.67 -0.56	38.16 2.68 -0.27	40.20 2.66 -0.14	43.06 2.67 -0.59	46.03 3.14 -0.45	51.29 3.85 -0.55	54.04 4.69 -0.01	50.79 3.50 0.01	44.05 2.14 0.01	39.95 2.41 0.01	37.17 2.66 0.00	33.72 2.81 -0.01	30.25 2.52 -0.01
ASTORIA_GT_8 24108	28.42 2.23 -0.01	26.13 2.05 -0.01	24.95 1.89 0.00	23.23 1.84 -0.01	22.53 1.57 0.00	23.82 1.54 0.00	24.67 1.59 0.00	27.46 2.27 0.00	30.19 2.67 0.00	32.21 2.79 -0.31	33.29 2.74 -0.50	35.76 2.67 -0.57	38.13 2.64 -0.28	40.21 2.66 -0.14	43.07 2.67 -0.60	46.04 3.14 -0.46	51.29 3.85 -0.55	53.99 4.64 -0.01	51.17 3.88 0.01	44.06 2.14 0.00	39.96 2.40 0.00	37.17 2.66 0.00	33.72 2.81 -0.01	30.25 2.52 -0.01
ASTORIA___2 24149	28.37 2.17 -0.01	26.08 2.00 -0.01	24.90 1.85 0.00	23.18 1.80 -0.01	22.61 1.66 0.00	23.78 1.49 0.00	24.59 1.52 0.01	27.39 2.19 0.00	30.13 2.62 0.00	32.12 2.71 -0.31	33.38 2.82 -0.50	35.65 2.57 -0.56	38.05 2.57 -0.27	40.12 2.58 -0.14	42.98 2.59 -0.59	45.91 3.01 -0.45	51.15 3.70 -0.55	53.88 4.54 -0.01	50.65 3.36 0.01	43.97 2.05 0.01	39.87 2.33 0.01	37.07 2.55 0.00	33.66 2.75 -0.01	30.19 2.47 -0.01
ASTORIA___3 23516	28.25 2.07 0.00	25.95 1.88 0.00	24.77 1.71 0.00	23.03 1.65 0.00	22.47 1.51 0.00	23.71 1.43 0.00	24.67 1.59 0.00	27.36 2.17 0.00	30.10 2.59 0.00	32.18 2.77 -0.31	34.05 2.86 -1.14	35.72 2.63 -0.57	38.14 2.64 -0.28	40.21 2.66 -0.14	43.03 2.63 -0.60	45.96 3.06 -0.46	51.15 3.70 -0.55	53.84 4.49 -0.01	50.79 3.50 0.01	44.06 2.14 0.00	39.96 2.41 0.00	37.07 2.55 0.00	33.60 2.69 -0.01	30.02 2.30 0.00
ASTORIA___4 23517	28.25 2.07 0.00	25.95 1.88 0.00	24.77 1.71 0.00	23.03 1.65 0.00	22.36 1.40 0.00	23.71 1.43 0.00	24.67 1.59 0.00	27.36 2.17 0.00	30.10 2.59 0.00	32.18 2.77 -0.31	33.90 2.71 -1.14	35.73 2.63 -0.57	38.10 2.61 -0.28	40.17 2.62 -0.14	43.03 2.63 -0.60	45.96 3.06 -0.46	51.15 3.70 -0.55	53.79 4.44 -0.01	50.93 3.64 0.01	44.06 2.14 0.00	39.96 2.40 0.00	37.07 2.55 0.00	33.60 2.69 -0.01	30.02 2.30 0.00
ASTORIA___5 23518	28.25 2.07 0.00	25.95 1.88 0.00	24.77 1.71 0.00	23.03 1.65 0.00	22.49 1.53 0.00	23.71 1.43 0.00	24.67 1.59 0.00	27.36 2.17 0.00	30.10 2.59 0.00	32.18 2.77 -0.31	34.05 2.86 -1.14	35.72 2.63 -0.57	38.14 2.64 -0.28	40.21 2.66 -0.14	43.03 2.63 -0.60	45.96 3.06 -0.46	51.15 3.70 -0.55	53.79 4.44 -0.01	50.79 3.50 0.01	44.06 2.14 0.00	39.96 2.41 0.00	37.07 2.55 0.00	33.60 2.69 -0.01	30.02 2.30 0.00
AST_ENERGY_2_CC3 323677	28.12 1.94 0.00	25.83 1.76 0.00	24.65 1.59 0.00	22.94 1.56 0.00	22.40 1.45 0.00	23.69 1.40 0.00	24.71 1.64 0.00	27.29 2.09 0.00	30.02 2.50 0.00	32.06 2.65 -0.30	33.27 2.71 -0.50	35.63 2.54 -0.57	38.03 2.54 -0.28	40.13 2.58 -0.14	43.07 2.67 -0.60	46.00 3.10 -0.46	51.34 3.89 -0.56	53.99 4.64 -0.02	51.03 3.74 0.00	44.23 2.30 0.00	39.88 2.33 0.00	36.97 2.45 0.00	33.41 2.50 0.00	29.91 2.19 0.00
AST_ENERGY_2_CC4 323678	28.12 1.94 0.00	25.83 1.76 0.00	24.65 1.59 0.00	22.94 1.56 0.00	22.40 1.45 0.00	23.69 1.40 0.00	24.71 1.64 0.00	27.29 2.09 0.00	30.02 2.50 0.00	32.06 2.65 -0.30	33.27 2.71 -0.50	35.63 2.54 -0.57	38.03 2.54 -0.28	40.13 2.58 -0.14	43.07 2.67 -0.60	46.00 3.10 -0.46	51.34 3.89 -0.56	53.99 4.64 -0.02	51.03 3.74 0.00	44.23 2.30 0.00	39.88 2.33 0.00	36.97 2.45 0.00	33.41 2.50 0.00	29.91 2.19 0.00
ATHENS_STG_1 23668	27.13 0.94 0.00	24.96 0.89 0.00	23.93 0.88 0.00	22.26 0.88 0.00	21.78 0.82 0.00	23.09 0.80 0.00	23.95 0.88 0.00	26.21 1.01 0.00	28.73 1.21 0.00	30.42 1.22 -0.09	31.48 1.26 -0.16	33.87 1.17 -0.18	36.46 1.16 -0.09	38.65 1.20 -0.04	41.26 1.27 -0.19	44.03 1.44 -0.14	49.04 1.97 -0.17	51.81 2.47 -0.01	49.33 2.03 0.00	43.18 1.26 0.00	38.83 1.28 0.00	35.83 1.31 0.00	32.17 1.27 0.00	28.83 1.11 0.00
ATHENS_STG_2 23670	27.13 0.94 0.00	24.96 0.89 0.00	23.93 0.88 0.00	22.26 0.88 0.00	21.78 0.82 0.00	23.09 0.80 0.00	23.95 0.88 0.00	26.21 1.01 0.00	28.73 1.21 0.00	30.42 1.22 -0.09	31.48 1.26 -0.16	33.87 1.17 -0.18	36.46 1.16 -0.09	38.65 1.20 -0.04	41.26 1.27 -0.19	44.03 1.44 -0.14	49.04 1.97 -0.17	51.81 2.47 -0.01	49.33 2.03 0.00	43.18 1.26 0.00	38.83 1.28 0.00	35.83 1.31 0.00	32.17 1.27 0.00	28.83 1.11 0.00

ATHENS_STG_3 23677	27.13 0.94 0.00	24.96 0.89 0.00	23.93 0.88 0.00	22.26 0.88 0.00	21.78 0.82 0.00	23.09 0.80 0.00	23.95 0.88 0.00	26.21 1.01 0.00	28.73 1.21 0.00	30.42 1.22 -0.09	31.48 1.26 -0.16	33.87 1.17 -0.18	36.46 1.16 -0.09	38.65 1.20 -0.04	41.26 1.27 -0.19	44.03 1.44 -0.14	49.04 1.97 -0.17	51.81 2.47 -0.01	49.33 2.03 0.00	43.18 1.26 0.00	38.83 1.28 0.00	35.83 1.31 0.00	32.17 1.27 0.00	28.83 1.11 0.00
AUBURN____LFGE 323710	26.89 0.71 0.00	24.75 0.67 0.00	23.70 0.65 0.00	21.89 0.51 0.00	21.50 0.54 0.00	22.95 0.67 0.00	23.77 0.69 0.00	25.88 0.68 0.00	28.23 0.72 0.00	29.86 0.76 0.00	30.93 0.87 0.00	33.59 1.07 0.00	36.49 1.27 0.00	38.72 1.31 0.00	41.28 1.47 0.00	43.93 1.49 0.00	49.38 2.30 -0.19	51.66 2.32 0.00	49.57 2.27 0.00	43.73 1.80 0.00	39.06 1.50 0.00	35.79 1.28 0.00	31.98 1.08 0.00	28.66 0.94 0.00
BABYLON_RES_REC 323704	33.77 2.70 -4.89	30.38 2.43 -3.87	25.36 2.31 0.00	23.52 2.14 0.00	22.99 2.03 0.00	24.36 2.07 0.00	25.44 2.35 -0.01	31.80 2.77 -3.83	33.50 3.19 -2.80	33.48 3.32 -1.06	33.53 2.98 -0.50	36.08 2.99 -0.56	38.16 2.68 -0.27	40.39 2.84 -0.14	44.89 3.26 -1.82	46.12 3.22 -0.45	51.67 4.22 -0.55	54.58 5.23 -0.01	51.55 4.26 0.01	44.48 2.56 0.01	40.42 2.82 -0.05	37.21 2.69 0.00	33.87 2.97 0.00	31.84 2.97 -1.15
BABYLON__69_KV_BK2 356345	34.18 3.06 -4.93	30.74 2.77 -3.90	25.62 2.56 0.00	23.82 2.44 0.00	23.16 2.20 0.00	24.65 2.36 0.00	25.74 2.65 -0.01	32.18 3.12 -3.86	33.91 3.58 -2.82	33.87 3.70 -1.07	33.65 3.10 -0.50	36.60 3.51 -0.56	38.97 3.49 -0.27	41.34 3.78 -0.15	47.91 4.06 -4.05	47.22 4.33 -0.45	52.75 5.30 -0.55	55.76 6.41 -0.01	52.68 5.39 0.01	45.48 3.56 0.01	41.42 3.72 -0.15	38.01 3.49 -0.01	34.31 3.40 -0.01	32.26 3.38 -1.16
BARON_WINDS____WT_PWR 323822	27.47 1.28 0.00	25.20 1.13 0.00	24.03 0.97 0.00	22.11 0.73 0.00	21.78 0.82 0.00	23.31 1.03 0.00	24.07 0.99 0.00	25.98 0.78 0.00	28.07 0.55 0.00	29.69 0.58 0.00	30.63 0.57 0.00	33.73 1.20 0.00	36.63 1.41 0.00	38.87 1.46 0.00	41.12 1.31 0.00	43.59 1.15 0.00	48.86 1.97 0.00	51.36 2.02 0.00	49.33 2.03 0.00	43.64 1.72 0.00	38.83 1.28 0.00	35.69 1.17 0.00	31.86 0.96 0.00	28.94 1.22 0.00
BARRETT_IC_1 23704	33.61 2.28 -5.15	30.24 2.09 -4.08	25.02 1.96 0.00	23.24 1.86 0.00	22.70 1.74 0.00	24.05 1.76 0.00	25.07 1.98 -0.02	31.65 2.42 -4.03	33.27 2.81 -2.94	33.11 2.91 -1.09	33.11 2.55 -0.50	35.55 2.47 -0.56	37.88 2.40 -0.27	40.16 2.62 -0.14	43.30 2.90 -0.59	46.12 3.22 -0.45	51.57 4.13 -0.55	54.33 4.98 -0.01	51.31 4.02 0.01	44.30 2.39 0.01	39.91 2.37 0.01	36.82 2.31 0.01	33.44 2.53 -0.01	31.47 2.52 -1.22
BARRETT_IC_10 23701	33.61 2.28 -5.15	30.24 2.09 -4.08	25.02 1.96 0.00	23.24 1.86 0.00	22.70 1.74 0.00	24.05 1.76 0.00	25.07 1.98 -0.02	31.65 2.42 -4.03	33.27 2.81 -2.94	33.11 2.91 -1.09	33.11 2.55 -0.50	35.55 2.47 -0.56	37.88 2.40 -0.27	40.16 2.62 -0.14	43.30 2.90 -0.59	46.12 3.22 -0.45	51.57 4.13 -0.55	54.33 4.98 -0.01	51.31 4.02 0.01	44.30 2.39 0.01	39.91 2.37 0.01	36.82 2.31 0.01	33.44 2.53 -0.01	31.47 2.52 -1.22
BARRETT_IC_11 23702	33.61 2.28 -5.15	30.24 2.09 -4.08	25.02 1.96 0.00	23.24 1.86 0.00	22.70 1.74 0.00	24.05 1.76 0.00	25.07 1.98 -0.02	31.65 2.42 -4.03	33.27 2.81 -2.94	33.11 2.91 -1.09	33.11 2.55 -0.50	35.55 2.47 -0.56	37.88 2.40 -0.27	40.16 2.62 -0.14	43.30 2.90 -0.59	46.12 3.22 -0.45	51.57 4.13 -0.55	54.33 4.98 -0.01	51.31 4.02 0.01	44.30 2.39 0.01	39.91 2.37 0.01	36.82 2.31 0.01	33.44 2.53 -0.01	31.47 2.52 -1.22
BARRETT_IC_12 23703	33.61 2.28 -5.15	30.24 2.09 -4.08	25.02 1.96 0.00	23.24 1.86 0.00	22.70 1.74 0.00	24.05 1.76 0.00	25.07 1.98 -0.02	31.65 2.42 -4.03	33.27 2.81 -2.94	33.11 2.91 -1.09	33.11 2.55 -0.50	35.55 2.47 -0.56	37.88 2.40 -0.27	40.16 2.62 -0.14	43.30 2.90 -0.59	46.12 3.22 -0.45	51.57 4.13 -0.55	54.33 4.98 -0.01	51.31 4.02 0.01	44.30 2.39 0.01	39.91 2.37 0.01	36.82 2.31 0.01	33.44 2.53 -0.01	31.47 2.52 -1.22
BARRETT_IC_2 23705	33.61 2.28 -5.15	30.24 2.09 -4.08	25.02 1.96 0.00	23.24 1.86 0.00	22.70 1.74 0.00	24.05 1.76 0.00	25.07 1.98 -0.02	31.65 2.42 -4.03	33.27 2.81 -2.94	33.11 2.91 -1.09	33.11 2.55 -0.50	35.55 2.47 -0.56	37.88 2.40 -0.27	40.16 2.62 -0.14	43.30 2.90 -0.59	46.12 3.22 -0.45	51.57 4.13 -0.55	54.33 4.98 -0.01	51.31 4.02 0.01	44.30 2.39 0.01	39.91 2.37 0.01	36.82 2.31 0.01	33.44 2.53 -0.01	31.47 2.52 -1.22
BARRETT_IC_3 23706	33.61 2.28 -5.15	30.24 2.09 -4.08	25.02 1.96 0.00	23.24 1.86 0.00	22.70 1.74 0.00	24.05 1.76 0.00	25.07 1.98 -0.02	31.65 2.42 -4.03	33.27 2.81 -2.94	33.11 2.91 -1.09	33.11 2.55 -0.50	35.55 2.47 -0.56	37.88 2.40 -0.27	40.16 2.62 -0.14	43.30 2.90 -0.59	46.12 3.22 -0.45	51.57 4.13 -0.55	54.33 4.98 -0.01	51.31 4.02 0.01	44.30 2.39 0.01	39.91 2.37 0.01	36.82 2.31 0.01	33.44 2.53 -0.01	31.47 2.52 -1.22
BARRETT_IC_4 23707	33.61 2.28 -5.15	30.24 2.09 -4.08	25.02 1.96 0.00	23.24 1.86 0.00	22.70 1.74 0.00	24.05 1.76 0.00	25.07 1.98 -0.02	31.65 2.42 -4.03	33.27 2.81 -2.94	33.11 2.91 -1.09	33.11 2.55 -0.50	35.55 2.47 -0.56	37.88 2.40 -0.27	40.16 2.62 -0.14	43.30 2.90 -0.59	46.12 3.22 -0.45	51.57 4.13 -0.55	54.33 4.98 -0.01	51.31 4.02 0.01	44.30 2.39 0.01	39.91 2.37 0.01	36.82 2.31 0.01	33.44 2.53 -0.01	31.47 2.52 -1.22
BARRETT_IC_5 23708	33.61 2.28 -5.15	30.24 2.09 -4.08	25.02 1.96 0.00	23.24 1.86 0.00	22.70 1.74 0.00	24.05 1.76 0.00	25.07 1.98 -0.02	31.65 2.42 -4.03	33.27 2.81 -2.94	33.11 2.91 -1.09	33.11 2.55 -0.50	35.55 2.47 -0.56	37.88 2.40 -0.27	40.16 2.62 -0.14	43.30 2.90 -0.59	46.12 3.22 -0.45	51.57 4.13 -0.55	54.33 4.98 -0.01	51.31 4.02 0.01	44.30 2.39 0.01	39.91 2.37 0.01	36.82 2.31 0.01	33.44 2.53 -0.01	31.47 2.52 -1.22
BARRETT_IC_6 23709	33.61 2.28 -5.15	30.24 2.09 -4.08	25.02 1.96 0.00	23.24 1.86 0.00	22.70 1.74 0.00	24.05 1.76 0.00	25.07 1.98 -0.02	31.65 2.42 -4.03	33.27 2.81 -2.94	33.11 2.91 -1.09	33.11 2.55 -0.50	35.55 2.47 -0.56	37.88 2.40 -0.27	40.16 2.62 -0.14	43.30 2.90 -0.59	46.12 3.22 -0.45	51.57 4.13 -0.55	54.33 4.98 -0.01	51.31 4.02 0.01	44.30 2.39 0.01	39.91 2.37 0.01	36.82 2.31 0.01	33.44 2.53 -0.01	31.47 2.52 -1.22
BARRETT_IC_7 23710	33.61 2.28 -5.15	30.24 2.09 -4.08	25.00 1.94 0.00	23.26 1.88 0.00	22.59 1.63 0.00	24.05 1.76 0.00	25.07 1.98 -0.02	31.65 2.42 -4.03	33.27 2.81 -2.94	33.11 2.91 -1.09	32.90 2.34 -0.50	35.56 2.47 -0.56	37.85 2.36 -0.27	40.17 2.62 -0.14	43.26 2.87 -0.59	46.12 3.23 -0.45	51.57 4.13 -0.55	54.28 4.93 -0.01	51.31 4.02 0.01	44.31 2.39 0.01	39.91 2.37 0.01	36.82 2.31 0.01	33.41 2.50 0.00	31.47 2.52 -1.22

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BEACON___LESR 323632	26.97 0.78 0.00	24.82 0.75 0.00	23.84 0.78 0.00	22.13 0.75 0.00	21.67 0.71 0.00	23.00 0.71 0.00	23.86 0.78 0.00	26.15 0.96 0.00	28.59 1.07 0.00	29.80 1.02 0.33	30.59 1.08 0.55	32.97 1.07 0.62	36.01 1.09 0.30	38.45 1.20 0.16	40.42 1.27 0.65	43.52 1.57 0.50	48.35 2.06 0.61	52.03 2.71 0.02	49.66 2.36 0.00	43.60 1.68 0.00	39.13 1.58 0.00	36.00 1.48 0.00	32.20 1.30 0.00	28.83 1.11 0.00
BEAVER RIVER___HYD 24048	26.11 -0.08 0.00	23.98 -0.10 0.00	22.94 -0.11 0.00	21.17 -0.21 0.00	20.79 -0.17 0.00	22.20 -0.09 0.00	23.10 0.02 0.00	25.05 -0.15 0.00	27.21 -0.30 0.00	28.87 -0.23 0.00	29.85 -0.21 0.00	32.36 -0.16 0.00	35.22 0.00 0.00	37.60 0.19 0.00	39.89 0.08 0.00	42.78 0.34 0.00	47.39 0.37 -0.12	49.29 -0.05 0.00	47.72 0.42 0.00	42.59 0.67 0.00	38.19 0.64 0.00	34.83 0.31 0.00	30.81 -0.09 0.00	27.53 -0.19 0.00
BEEBEE_GT_13 23619	27.15 0.97 0.00	24.91 0.84 0.00	23.82 0.76 0.00	21.87 0.49 0.00	21.50 0.54 0.00	23.00 0.71 0.00	23.77 0.69 0.00	25.68 0.48 0.00	27.85 0.33 0.00	29.52 0.41 0.00	30.84 0.78 0.00	33.50 0.98 0.00	36.49 1.27 0.00	38.68 1.27 0.00	41.16 1.35 0.00	43.51 1.06 0.00	48.63 1.74 0.00	51.11 1.78 0.00	49.00 1.70 0.00	43.52 1.59 0.00	38.68 1.13 0.00	35.52 1.00 0.00	31.68 0.77 0.00	28.75 1.03 0.00
BENSHRST_27_KV_BENSHRST_1 355998	28.58 2.38 -0.01	26.25 2.17 -0.01	25.03 1.96 -0.01	23.27 1.88 -0.01	22.55 1.59 0.00	23.87 1.58 0.00	24.83 1.75 0.00	27.59 2.39 0.00	30.38 2.86 0.00	35.68 3.11 -3.46	38.17 3.10 -5.02	36.15 3.06 -0.57	38.56 3.06 -0.28	40.70 3.14 -0.14	43.59 3.18 -0.60	46.65 3.69 -0.51	84.68 4.46 -33.33	83.87 5.18 -29.36	79.08 4.40 -27.39	44.65 2.73 0.00	40.58 2.97 -0.06	37.61 3.04 -0.06	37.88 3.09 -3.89	30.37 2.63 -0.02
BETHLEHEM___GRP 23843	26.58 0.39 0.00	24.43 0.36 0.00	23.47 0.42 0.00	21.81 0.43 0.00	21.29 0.34 0.00	22.64 0.36 0.00	23.47 0.39 0.00	25.70 0.50 0.00	28.12 0.61 0.00	29.38 0.58 0.31	30.02 0.48 0.52	32.42 0.49 0.59	35.39 0.46 0.28	37.78 0.52 0.15	39.74 0.56 0.62	42.70 0.72 0.47	47.49 1.17 0.58	50.94 1.63 0.02	48.62 1.32 0.00	42.68 0.75 0.00	38.34 0.79 0.00	35.31 0.79 0.00	31.61 0.71 0.00	28.33 0.61 0.00
BETHLEHEM___GS1 323560	26.58 0.39 0.00	24.46 0.38 0.00	23.50 0.44 0.00	21.81 0.43 0.00	21.34 0.38 0.00	22.64 0.36 0.00	23.47 0.39 0.00	25.70 0.50 0.00	28.12 0.60 0.00	29.38 0.58 0.31	30.11 0.57 0.52	32.42 0.49 0.59	35.39 0.46 0.28	37.78 0.52 0.15	39.74 0.56 0.62	42.69 0.72 0.47	47.49 1.17 0.58	50.99 1.68 0.02	48.62 1.32 0.00	42.68 0.76 0.00	38.34 0.79 0.00	35.31 0.79 0.00	31.61 0.71 0.00	28.33 0.61 0.00
BETHLEHEM___GS2 323561	26.58 0.39 0.00	24.46 0.38 0.00	23.50 0.44 0.00	21.81 0.43 0.00	21.34 0.38 0.00	22.64 0.36 0.00	23.47 0.39 0.00	25.70 0.50 0.00	28.12 0.60 0.00	29.38 0.58 0.31	30.11 0.57 0.52	32.42 0.49 0.59	35.39 0.46 0.28	37.78 0.52 0.15	39.74 0.56 0.62	42.69 0.72 0.47	47.49 1.17 0.58	50.99 1.68 0.02	48.62 1.32 0.00	42.68 0.76 0.00	38.34 0.79 0.00	35.31 0.79 0.00	31.61 0.71 0.00	28.33 0.61 0.00
BETHLEHEM___GS3 323562	26.58 0.39 0.00	24.46 0.38 0.00	23.50 0.44 0.00	21.81 0.43 0.00	21.34 0.38 0.00	22.64 0.36 0.00	23.47 0.39 0.00	25.70 0.50 0.00	28.12 0.60 0.00	29.38 0.58 0.31	30.11 0.57 0.52	32.42 0.49 0.59	35.39 0.46 0.28	37.78 0.52 0.15	39.74 0.56 0.62	42.69 0.72 0.47	47.49 1.17 0.58	50.99 1.68 0.02	48.62 1.32 0.00	42.68 0.76 0.00	38.34 0.79 0.00	35.31 0.79 0.00	31.61 0.71 0.00	28.33 0.61 0.00
BETHLEHEM___STEEL 23779	27.68 1.49 0.00	25.42 1.35 0.00	24.26 1.20 0.00	22.24 0.86 0.00	21.86 0.90 0.00	23.47 1.18 0.00	24.14 1.06 0.00	25.85 0.66 0.00	27.76 0.25 0.00	29.43 0.32 0.00	30.99 0.93 0.00	33.59 1.07 0.00	36.84 1.62 0.00	38.94 1.53 0.00	41.24 1.43 0.00	43.46 1.02 0.00	48.68 1.78 0.00	51.06 1.73 0.00	49.05 1.75 0.00	43.56 1.64 0.00	38.64 1.09 0.00	35.55 1.04 0.00	31.64 0.74 0.00	29.08 1.36 0.00
BETHLHEM_115KV_TB1 79974	26.66 0.47 0.00	24.51 0.43 0.00	23.54 0.48 0.00	21.87 0.49 0.00	21.36 0.40 0.00	22.71 0.42 0.00	23.54 0.46 0.00	25.78 0.58 0.00	28.20 0.69 0.00	29.48 0.67 0.30	30.13 0.57 0.50	32.54 0.59 0.56	35.51 0.56 0.27	37.86 0.60 0.14	39.89 0.68 0.59	42.84 0.85 0.45	47.61 1.27 0.55	51.09 1.78 0.02	48.76 1.47 0.00	42.80 0.88 0.00	38.42 0.86 0.00	35.38 0.86 0.00	31.71 0.80 0.00	28.41 0.69 0.00
BETHPAGE_CC_5 323564	33.55 2.57 -4.79	30.20 2.33 -3.80	25.25 2.19 0.00	23.43 2.05 0.00	22.91 1.95 0.00	24.27 1.98 0.00	25.30 2.22 -0.01	31.60 2.64 -3.76	33.31 3.05 -2.74	33.35 3.20 -1.04	33.50 2.95 -0.50	36.01 2.93 -0.57	38.41 2.92 -0.27	40.69 3.14 -0.14	44.50 3.46 -1.24	46.67 3.78 -0.45	52.14 4.69 -0.55	54.97 5.62 -0.02	51.93 4.64 0.01	44.85 2.93 0.01	40.51 2.93 -0.02	37.31 2.79 0.00	33.78 2.87 0.00	31.71 2.86 -1.13
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	27.76 1.57 0.00	25.47 1.40 0.00	24.28 1.22 0.00	22.26 0.88 0.00	21.90 0.94 0.00	23.51 1.23 0.00	24.18 1.11 0.00	25.90 0.71 0.00	27.82 0.30 0.00	29.49 0.38 0.00	31.08 1.02 0.00	33.69 1.17 0.00	36.94 1.73 0.00	39.09 1.68 0.00	41.40 1.59 0.00	43.63 1.19 0.00	48.86 1.97 0.00	51.21 1.87 0.00	49.23 1.94 0.00	43.68 1.76 0.00	38.72 1.16 0.00	35.66 1.14 0.00	31.74 0.83 0.00	29.16 1.44 0.00
BINGHAMTON___COGEN 23790	27.00 0.81 0.00	24.82 0.75 0.00	23.73 0.67 0.00	21.91 0.53 0.00	21.50 0.54 0.00	22.95 0.67 0.00	23.77 0.69 0.00	25.85 0.66 0.00	28.12 0.61 0.00	29.72 0.61 0.00	30.87 0.81 0.00	33.46 0.94 0.00	36.38 1.16 0.00	38.57 1.16 0.00	40.92 1.11 0.00	43.59 1.15 0.00	48.71 1.74 -0.08	51.16 1.83 0.00	49.05 1.75 0.00	43.27 1.34 0.00	38.68 1.13 0.00	35.52 1.00 0.00	31.74 0.83 0.00	28.61 0.89 0.00
BIXINCNT_115KV_LOAD 355685	27.78 1.60 0.00	25.52 1.44 0.00	24.28 1.22 0.00	22.26 0.88 0.00	21.90 0.94 0.00	23.53 1.25 0.00	24.21 1.13 0.00	25.95 0.76 0.00	27.93 0.41 0.00	29.66 0.55 0.00	31.32 1.26 0.00	33.92 1.40 0.00	37.23 2.01 0.00	39.24 1.83 0.00	41.44 1.63 0.00	43.68 1.23 0.00	48.91 2.02 0.00	51.41 2.07 0.00	49.42 2.13 0.00	43.77 1.84 0.00	38.68 1.13 0.00	35.66 1.14 0.00	31.77 0.87 0.00	29.13 1.41 0.00
BLACK RIVER___HYD 24047	26.47 0.29 0.00	24.29 0.22 0.00	23.27 0.21 0.00	21.44 0.06 0.00	21.06 0.11 0.00	22.49 0.20 0.00	23.47 0.39 0.00	25.32 0.13 0.00	27.46 -0.05 0.00	29.11 0.00 0.00	30.12 0.06 0.00	32.75 0.23 0.00	35.64 0.42 0.00	38.08 0.67 0.00	40.44 0.63 0.00	43.42 0.98 0.00	48.35 1.27 -0.19	50.27 0.94 0.00	48.67 1.37 0.00	43.43 1.51 0.00	38.98 1.43 0.00	35.48 0.97 0.00	31.40 0.49 0.00	28.05 0.33 0.00

BLACKRVR_115KV_TB2 79977	26.47 0.29 0.00	24.31 0.24 0.00	23.27 0.21 0.00	21.44 0.06 0.00	21.06 0.10 0.00	22.49 0.20 0.00	23.47 0.39 0.00	25.32 0.13 0.00	27.46 -0.06 0.00	29.11 0.00 0.00	30.12 0.06 0.00	32.75 0.23 0.00	35.64 0.42 0.00	38.08 0.67 0.00	40.52 0.72 0.00	43.46 1.02 0.00	48.35 1.27 -0.19	50.27 0.94 0.00	48.67 1.37 0.00	43.43 1.51 0.00	38.98 1.43 0.00	35.48 0.97 0.00	31.40 0.49 0.00	28.05 0.33 0.00
BLISS_WT_PWR 323608	27.78 1.60 0.00	25.47 1.40 0.00	24.23 1.18 0.00	22.26 0.88 0.00	21.92 0.96 0.00	23.53 1.25 0.00	24.18 1.11 0.00	25.93 0.73 0.00	27.93 0.41 0.00	29.69 0.58 0.00	30.63 0.57 0.00	33.92 1.40 0.00	36.98 1.76 0.00	39.24 1.83 0.00	41.44 1.63 0.00	43.59 1.15 0.00	48.91 2.02 0.00	51.41 2.07 0.00	49.43 2.13 0.00	43.73 1.80 0.00	38.68 1.13 0.00	35.62 1.10 0.00	31.77 0.86 0.00	29.08 1.36 0.00
BLUE_CIRC_CHEM_DRP 24182	27.00 0.81 0.00	24.82 0.75 0.00	23.87 0.81 0.00	22.15 0.77 0.00	21.63 0.67 0.00	23.02 0.74 0.00	23.84 0.76 0.00	26.08 0.88 0.00	28.51 0.99 0.00	29.85 0.96 0.22	30.59 0.90 0.37	33.08 0.98 0.41	35.97 0.95 0.20	38.35 1.05 0.11	40.48 1.11 0.44	43.47 1.36 0.33	48.32 1.83 0.41	51.69 2.37 0.01	49.38 2.08 0.00	43.43 1.51 0.00	38.98 1.43 0.00	35.86 1.35 0.00	32.11 1.21 0.00	28.77 1.05 0.00
BOC_GAS_DRP 24189	26.87 0.68 0.00	24.70 0.63 0.00	23.73 0.67 0.00	22.04 0.66 0.00	21.52 0.57 0.00	22.89 0.60 0.00	23.72 0.65 0.00	25.95 0.76 0.00	28.40 0.88 0.00	29.77 0.87 0.22	30.51 0.81 0.36	32.96 0.85 0.41	35.83 0.81 0.20	38.17 0.86 0.10	40.29 0.92 0.43	43.18 1.06 0.32	48.00 1.50 0.40	51.30 1.97 0.01	48.90 1.61 0.00	42.93 1.01 0.00	38.57 1.01 0.00	35.55 1.04 0.00	31.86 0.96 0.00	28.55 0.83 0.00
BOONVILLE_115KV_TB1 79983	26.63 0.45 0.00	24.46 0.39 0.00	23.43 0.37 0.00	21.64 0.26 0.00	21.23 0.27 0.00	22.66 0.38 0.00	23.56 0.48 0.00	25.60 0.40 0.00	27.90 0.39 0.00	29.49 0.38 0.00	30.60 0.54 0.00	33.17 0.65 0.00	36.10 0.88 0.00	38.49 1.08 0.00	40.80 1.00 0.00	43.80 1.36 0.00	48.39 1.45 -0.04	50.67 1.33 0.00	48.76 1.47 0.00	43.22 1.30 0.00	38.72 1.16 0.00	35.38 0.86 0.00	31.49 0.59 0.00	28.19 0.47 0.00
BORALEX_4TH_BRANCH 23824	27.37 1.18 0.00	25.18 1.11 0.00	24.14 1.08 0.00	22.45 1.07 0.00	21.96 1.01 0.00	23.31 1.03 0.00	24.21 1.13 0.00	26.43 1.23 0.00	28.97 1.46 0.00	29.79 1.43 0.74	30.17 1.35 1.24	32.46 1.33 1.40	35.91 1.37 0.68	38.47 1.42 0.36	39.85 1.51 1.47	43.07 1.74 1.12	47.87 2.34 1.37	52.25 2.96 0.05	49.89 2.60 0.00	43.73 1.80 0.00	39.32 1.77 0.00	36.24 1.73 0.00	32.48 1.58 0.00	29.11 1.39 0.00
BOWLINE___1 23526	27.81 1.62 0.00	25.54 1.47 0.00	24.40 1.34 0.00	22.66 1.28 0.00	22.15 1.19 0.00	23.49 1.20 0.00	24.44 1.36 0.00	26.88 1.69 0.00	29.50 1.98 0.00	31.42 2.04 -0.28	32.63 2.10 -0.47	35.03 1.98 -0.53	37.44 1.97 -0.25	39.56 2.02 -0.13	42.47 2.11 -0.55	45.24 2.38 -0.42	50.55 3.14 -0.51	53.21 3.85 -0.02	50.42 3.12 0.00	43.81 1.89 0.00	39.47 1.91 0.00	36.48 1.97 0.00	32.85 1.95 0.00	29.47 1.75 0.00
BOWLINE___2 23595	27.78 1.60 0.00	25.54 1.47 0.00	24.37 1.31 0.00	22.66 1.28 0.00	22.15 1.19 0.00	23.47 1.18 0.00	24.44 1.36 0.00	26.88 1.69 0.00	29.47 1.95 0.00	31.37 1.98 -0.28	32.60 2.07 -0.47	35.00 1.95 -0.53	37.41 1.94 -0.25	39.49 1.94 -0.13	42.39 2.03 -0.55	45.15 2.29 -0.42	50.46 3.05 -0.51	53.10 3.75 -0.02	50.32 3.03 0.00	43.73 1.80 0.00	39.43 1.88 0.00	36.41 1.90 0.00	32.79 1.89 0.00	29.44 1.72 0.00
BRADY___115KV_TB2 356060	25.64 -0.55 0.00	23.57 -0.51 0.00	22.48 -0.58 0.00	20.82 -0.56 0.00	20.52 -0.44 0.00	21.82 -0.47 0.00	22.54 -0.53 0.00	24.62 -0.58 0.00	26.80 -0.72 0.00	28.50 -0.61 0.00	29.43 -0.63 0.00	31.81 -0.72 0.00	34.62 -0.60 0.00	36.77 -0.64 0.00	39.13 -0.68 0.00	41.93 -0.51 0.00	45.68 -1.22 0.00	47.36 -1.97 0.00	46.11 -1.18 0.00	41.42 -0.50 0.00	37.07 -0.49 0.00	33.90 -0.62 0.00	30.29 -0.62 0.00	27.03 -0.69 0.00
BRANSCOMB___SOLAR 323811	27.37 1.18 0.00	25.18 1.11 0.00	24.17 1.11 0.00	22.43 1.05 0.00	21.96 1.01 0.00	23.33 1.05 0.00	24.16 1.08 0.00	26.43 1.23 0.00	28.89 1.38 0.00	30.05 1.34 0.40	30.71 1.32 0.67	33.13 1.37 0.76	36.26 1.41 0.37	38.75 1.53 0.19	40.68 1.67 0.80	43.84 2.00 0.60	48.73 2.58 0.74	52.62 3.31 0.03	50.42 3.12 0.00	44.48 2.56 0.00	39.92 2.37 0.00	36.73 2.21 0.00	32.76 1.85 0.00	29.30 1.58 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	34.09 2.88 -5.02	30.67 2.62 -3.98	25.50 2.44 0.00	23.71 2.33 0.00	23.05 2.10 0.00	24.54 2.25 0.00	25.63 2.54 -0.01	32.13 3.00 -3.94	33.80 3.41 -2.87	33.71 3.52 -1.08	33.26 2.71 -0.50	36.17 3.09 -0.56	38.52 3.03 -0.27	40.91 3.33 -0.17	52.87 3.58 -9.48	46.46 3.57 -0.45	51.90 4.46 -0.55	54.88 5.53 -0.01	51.83 4.54 0.01	44.85 2.93 0.01	41.24 3.30 -0.38	37.65 3.11 -0.03	33.96 3.03 -0.03	32.06 3.16 -1.18
BRISTLHL_115KV_TB1 79998	26.03 -0.16 0.00	23.93 -0.14 0.00	22.92 -0.14 0.00	21.23 -0.15 0.00	20.83 -0.13 0.00	22.17 -0.11 0.00	22.96 -0.12 0.00	24.99 -0.20 0.00	27.27 -0.25 0.00	28.85 -0.26 0.00	29.91 -0.15 0.00	32.46 -0.07 0.00	35.18 -0.04 0.00	37.41 0.00 0.00	39.69 -0.12 0.00	42.44 0.00 0.00	47.43 0.14 -0.39	49.44 0.10 0.00	47.39 0.09 0.00	41.88 -0.04 0.00	37.44 -0.11 0.00	34.38 -0.14 0.00	30.78 -0.12 0.00	27.66 -0.06 0.00
BROOKHAVEN___DRP 24191	34.01 2.78 -5.05	30.58 2.50 -4.00	25.39 2.33 0.00	23.58 2.20 0.00	22.95 1.99 0.00	24.38 2.09 0.00	25.54 2.45 -0.02	32.03 2.87 -3.96	33.68 3.27 -2.89	33.42 3.23 -1.09	33.02 2.46 -0.50	35.95 2.86 -0.56	38.23 2.75 -0.27	40.62 3.07 -0.14	46.21 3.22 -3.18	46.54 3.65 -0.45	52.09 4.64 -0.55	55.12 5.77 -0.01	52.02 4.73 0.01	44.85 2.93 0.01	40.70 3.04 -0.10	37.38 2.86 0.00	33.75 2.84 0.00	31.90 2.99 -1.19
BROOKLYN_NAVY_YARD 23515	28.15 1.96 0.00	25.85 1.78 0.00	24.65 1.59 0.00	22.92 1.54 0.00	22.38 1.43 0.00	23.71 1.43 0.00	24.71 1.64 0.00	27.36 2.17 0.00	30.10 2.59 0.00	32.14 2.74 -0.30	33.33 2.76 -0.50	35.69 2.60 -0.57	38.06 2.57 -0.28	40.21 2.66 -0.14	43.15 2.74 -0.60	46.08 3.18 -0.46	51.49 4.03 -0.56	54.09 4.74 -0.02	51.17 3.88 0.00	44.31 2.39 0.00	39.96 2.41 0.00	37.00 2.49 0.00	33.50 2.60 0.00	29.96 2.24 0.00
BROOKLYN___ARMY_DRP 323595	28.42 2.23 -0.01	26.13 2.05 -0.01	24.91 1.84 -0.01	23.16 1.77 -0.01	22.47 1.51 0.00	23.78 1.49 0.00	24.71 1.64 0.00	27.46 2.27 0.00	30.24 2.72 0.00	35.50 2.94 -3.46	37.99 2.92 -5.02	35.95 2.86 -0.57	38.35 2.85 -0.28	40.43 2.88 -0.14	43.35 2.95 -0.60	46.35 3.40 -0.51	84.35 4.13 -33.33	83.53 4.83 -29.36	78.75 4.07 -27.39	44.36 2.43 0.00	40.35 2.74 -0.06	37.40 2.83 -0.06	37.70 2.90 -3.89	30.23 2.49 -0.02

BROOKVLE_69_KV_TB1 55790	32.48 2.38 -3.91	29.36 2.19 -3.09	25.06 2.01 0.00	23.30 1.92 0.00	22.66 1.70 0.00	24.11 1.83 0.00	25.14 2.05 -0.01	30.75 2.49 -3.06	32.67 2.92 -2.24	33.10 3.09 -0.91	33.48 2.92 -0.51	36.21 3.12 -0.57	38.52 3.03 -0.28	40.85 3.29 -0.15	43.91 3.50 -0.60	46.85 3.95 -0.46	52.28 4.83 -0.56	54.98 5.62 -0.02	52.03 4.73 0.00	44.99 3.06 0.00	40.52 2.97 0.00	37.38 2.86 0.00	33.81 2.90 0.00	31.33 2.69 -0.92
BROOME_2_LFGE 323671	27.00 0.81 0.00	24.79 0.72 0.00	23.70 0.64 0.00	21.91 0.53 0.00	21.52 0.57 0.00	22.95 0.67 0.00	23.77 0.69 0.00	25.85 0.65 0.00	28.12 0.60 0.00	29.72 0.61 0.00	30.72 0.66 0.00	33.46 0.94 0.00	36.34 1.13 0.00	38.57 1.16 0.00	40.92 1.11 0.00	43.59 1.15 0.00	48.71 1.74 -0.08	51.21 1.87 0.00	49.05 1.75 0.00	43.27 1.34 0.00	38.68 1.13 0.00	35.52 1.00 0.00	31.74 0.83 0.00	28.61 0.89 0.00
BROOME__LFGE 323600	27.00 0.81 0.00	24.79 0.72 0.00	23.70 0.64 0.00	21.91 0.53 0.00	21.52 0.57 0.00	22.95 0.67 0.00	23.77 0.69 0.00	25.85 0.65 0.00	28.12 0.60 0.00	29.72 0.61 0.00	30.72 0.66 0.00	33.46 0.94 0.00	36.34 1.13 0.00	38.57 1.16 0.00	40.92 1.11 0.00	43.59 1.15 0.00	48.71 1.74 -0.08	51.21 1.87 0.00	49.05 1.75 0.00	43.27 1.34 0.00	38.68 1.13 0.00	35.52 1.00 0.00	31.74 0.83 0.00	28.61 0.89 0.00
BROWNFLS_115KV_TB_3_5 80003	25.58 -0.60 0.00	23.47 -0.60 0.00	22.46 -0.60 0.00	20.76 -0.62 0.00	20.41 -0.54 0.00	21.75 -0.53 0.00	22.57 -0.51 0.00	24.54 -0.66 0.00	26.72 -0.80 0.00	28.38 -0.73 0.00	29.31 -0.75 0.00	31.74 -0.78 0.00	34.55 -0.67 0.00	36.81 -0.60 0.00	39.17 -0.64 0.00	41.93 -0.51 0.00	46.13 -0.84 -0.08	47.86 -1.48 0.00	46.49 -0.80 0.00	41.59 -0.34 0.00	37.25 -0.30 0.00	34.00 -0.52 0.00	30.16 -0.74 0.00	26.94 -0.78 0.00
BROWNSV1_27_KV_LOAD 356125	28.41 2.23 0.00	26.12 2.05 0.00	24.90 1.84 0.00	23.15 1.77 0.00	22.49 1.53 0.00	23.91 1.63 0.00	24.94 1.87 0.00	27.59 2.39 0.00	30.35 2.83 0.00	32.41 3.00 -0.30	33.51 2.95 -0.50	36.05 2.96 -0.57	38.45 2.96 -0.28	40.66 3.10 -0.14	43.63 3.22 -0.60	46.59 3.69 -0.46	52.05 4.60 -0.56	54.69 5.33 -0.02	51.74 4.45 0.00	44.77 2.85 0.00	40.37 2.82 0.00	37.42 2.90 0.00	33.81 2.90 0.00	30.24 2.52 0.00
BURROWS__LYONSDAL 23803	26.50 0.31 0.00	24.34 0.26 0.00	23.31 0.25 0.00	21.53 0.15 0.00	21.13 0.17 0.00	22.53 0.25 0.00	23.44 0.37 0.00	25.47 0.28 0.00	27.74 0.22 0.00	29.34 0.23 0.00	30.42 0.36 0.00	32.98 0.46 0.00	35.89 0.67 0.00	38.27 0.86 0.00	40.60 0.80 0.00	43.55 1.10 0.00	48.13 1.17 -0.06	50.37 1.04 0.00	48.52 1.23 0.00	43.06 1.13 0.00	38.57 1.01 0.00	35.24 0.72 0.00	31.27 0.37 0.00	28.00 0.28 0.00
CAITHNESS_CC_1 323624	33.96 2.72 -5.05	30.53 2.46 -4.00	25.39 2.33 0.00	23.52 2.14 0.00	23.01 2.06 0.00	24.36 2.07 0.00	25.47 2.38 -0.02	31.88 2.72 -3.96	33.60 3.19 -2.89	33.39 3.20 -1.08	33.35 2.80 -0.50	35.85 2.76 -0.56	38.24 2.75 -0.27	40.51 2.95 -0.14	46.40 3.42 -3.17	46.41 3.52 -0.45	51.95 4.50 -0.55	54.97 5.62 -0.01	51.87 4.59 0.01	44.73 2.81 0.01	40.59 2.93 -0.10	37.28 2.76 0.00	33.72 2.81 0.00	31.85 2.94 -1.19
CALPINE BETH_PAGE_GT4 24209	33.40 2.54 -4.68	30.09 2.31 -3.70	25.20 2.14 0.00	23.43 2.05 0.00	22.78 1.82 0.00	24.25 1.96 0.00	25.30 2.22 -0.01	31.51 2.65 -3.67	33.19 3.00 -2.68	33.28 3.14 -1.03	33.26 2.71 -0.50	35.95 2.86 -0.57	38.27 2.78 -0.27	40.62 3.07 -0.14	44.16 3.30 -1.05	46.59 3.69 -0.45	52.04 4.60 -0.55	54.88 5.53 -0.02	51.83 4.54 0.00	44.77 2.85 0.00	40.39 2.82 -0.02	37.21 2.69 0.00	33.72 2.81 0.00	31.65 2.83 -1.10
CALPINE_BETH_PAGE_GT_4 323586	33.40 2.54 -4.68	30.09 2.31 -3.70	25.23 2.17 0.00	23.41 2.03 0.00	22.89 1.93 0.00	24.25 1.96 0.00	25.30 2.22 -0.01	31.48 2.62 -3.67	33.19 3.00 -2.68	33.28 3.14 -1.03	33.51 2.95 -0.50	35.95 2.86 -0.57	38.34 2.85 -0.27	40.62 3.07 -0.14	44.24 3.38 -1.05	46.59 3.69 -0.45	52.05 4.60 -0.55	54.88 5.52 -0.02	51.83 4.54 0.00	44.77 2.85 0.00	40.39 2.82 -0.02	37.21 2.69 0.00	33.74 2.84 0.00	31.65 2.83 -1.10
CALPINE_BP_GT1 23823	33.40 2.54 -4.68	30.09 2.31 -3.70	25.23 2.17 0.00	23.41 2.03 0.00	22.89 1.93 0.00	24.25 1.96 0.00	25.30 2.22 -0.01	31.48 2.62 -3.67	33.19 3.00 -2.68	33.28 3.14 -1.03	33.51 2.95 -0.50	35.95 2.86 -0.57	38.34 2.85 -0.27	40.62 3.07 -0.14	44.24 3.38 -1.05	46.59 3.69 -0.45	52.05 4.60 -0.55	54.88 5.52 -0.02	51.83 4.54 0.00	44.77 2.85 0.00	40.39 2.82 -0.02	37.21 2.69 0.00	33.74 2.84 0.00	31.65 2.83 -1.10
CALSPAN__DRP 24200	27.68 1.49 0.00	25.42 1.35 0.00	24.26 1.20 0.00	22.24 0.86 0.00	21.86 0.90 0.00	23.47 1.18 0.00	24.14 1.06 0.00	25.85 0.66 0.00	27.76 0.25 0.00	29.43 0.32 0.00	30.99 0.93 0.00	33.59 1.07 0.00	36.84 1.62 0.00	38.94 1.53 0.00	41.24 1.43 0.00	43.46 1.02 0.00	48.68 1.78 0.00	51.06 1.73 0.00	49.05 1.75 0.00	43.56 1.64 0.00	38.64 1.09 0.00	35.55 1.04 0.00	31.64 0.74 0.00	29.08 1.36 0.00
CALVERTON__SOLAR 323806	34.12 2.88 -5.05	30.67 2.60 -4.00	25.50 2.44 0.00	23.65 2.27 0.00	23.12 2.16 0.00	24.47 2.19 0.00	25.61 2.52 -0.02	32.03 2.87 -3.96	33.79 3.38 -2.89	33.54 3.35 -1.08	33.56 3.01 -0.50	36.11 3.02 -0.56	38.52 3.03 -0.27	40.84 3.29 -0.14	46.77 3.78 -3.18	46.79 3.90 -0.45	52.37 4.92 -0.55	55.47 6.12 -0.01	52.35 5.06 0.01	45.10 3.18 0.01	40.92 3.27 -0.10	37.55 3.04 0.00	33.93 3.03 0.00	32.01 3.10 -1.19
CANDIGU_WT_PWR 323617	27.47 1.28 0.00	25.20 1.13 0.00	24.03 0.97 0.00	22.11 0.73 0.00	21.78 0.82 0.00	23.31 1.03 0.00	24.07 0.99 0.00	25.98 0.78 0.00	28.07 0.55 0.00	29.69 0.58 0.00	30.63 0.57 0.00	33.73 1.20 0.00	36.63 1.41 0.00	38.87 1.46 0.00	41.12 1.31 0.00	43.59 1.15 0.00	48.86 1.97 0.00	51.36 2.02 0.00	49.33 2.03 0.00	43.64 1.72 0.00	38.83 1.28 0.00	35.69 1.17 0.00	31.86 0.96 0.00	28.94 1.22 0.00
CARR STREET_E_SYR 24060	26.21 0.03 0.00	24.10 0.02 0.00	23.08 0.02 0.00	21.36 -0.02 0.00	20.98 0.02 0.00	22.33 0.04 0.00	23.12 0.05 0.00	25.20 0.00 0.00	27.49 -0.03 0.00	29.08 -0.03 0.00	30.06 0.00 0.00	32.75 0.23 0.00	35.53 0.32 0.00	37.78 0.37 0.00	40.12 0.32 0.00	42.83 0.38 0.00	47.66 0.66 -0.11	49.93 0.59 0.00	47.82 0.52 0.00	42.26 0.33 0.00	37.78 0.23 0.00	34.66 0.14 0.00	31.00 0.09 0.00	27.86 0.14 0.00
CARTHAGE__PAPER 23857	26.24 0.05 0.00	24.07 0.00 0.00	23.06 0.00 0.00	21.25 -0.13 0.00	20.88 -0.08 0.00	22.31 0.02 0.00	23.24 0.16 0.00	25.12 -0.08 0.00	27.27 -0.25 0.00	28.93 -0.17 0.00	29.91 -0.15 0.00	32.46 -0.06 0.00	35.32 0.11 0.00	37.74 0.34 0.00	40.05 0.24 0.00	42.99 0.55 0.00	47.71 0.66 -0.16	49.58 0.25 0.00	48.10 0.80 0.00	42.97 1.05 0.00	38.53 0.97 0.00	35.10 0.59 0.00	31.06 0.16 0.00	27.72 0.00 0.00

CASSADAGA_WT_PWR 323784	28.41 2.22 0.00	26.02 1.95 0.00	24.79 1.73 0.00	22.75 1.37 0.00	22.38 1.43 0.00	24.05 1.76 0.00	24.78 1.71 0.00	26.68 1.49 0.00	28.64 1.13 0.00	30.42 1.31 0.00	31.44 1.38 0.00	34.70 2.18 0.00	37.93 2.71 0.00	40.25 2.84 0.00	42.59 2.79 0.00	44.90 2.46 0.00	50.27 3.38 0.00	52.69 3.36 0.00	50.60 3.31 0.00	44.98 3.06 0.00	39.73 2.18 0.00	36.66 2.14 0.00	32.48 1.58 0.00	29.47 1.75 0.00
CE_DUNWOOD___DRP 24194	27.97 1.78 0.00	25.71 1.64 0.00	24.53 1.48 0.00	22.81 1.43 0.00	22.20 1.24 0.00	23.62 1.34 0.00	24.60 1.52 0.00	27.11 1.91 0.00	29.77 2.26 0.00	31.77 2.36 -0.30	32.82 2.25 -0.50	35.40 2.31 -0.57	37.82 2.32 -0.27	39.95 2.39 -0.14	42.91 2.51 -0.60	45.74 2.84 -0.45	51.11 3.66 -0.56	53.70 4.34 -0.02	50.89 3.59 0.00	44.19 2.26 0.00	39.81 2.25 0.00	36.79 2.28 0.00	33.16 2.26 0.00	29.72 2.00 0.00
CE_MILLWOOD___DRP 24193	27.89 1.70 0.00	25.66 1.59 0.00	24.49 1.43 0.00	22.77 1.39 0.00	22.15 1.19 0.00	23.58 1.29 0.00	24.55 1.48 0.00	27.04 1.84 0.00	29.69 2.17 0.00	31.65 2.24 -0.30	32.69 2.13 -0.50	35.26 2.18 -0.56	37.71 2.22 -0.27	39.87 2.32 -0.14	42.79 2.39 -0.59	45.61 2.72 -0.45	50.96 3.52 -0.55	53.55 4.19 -0.02	50.75 3.45 0.00	44.10 2.18 0.00	39.73 2.18 0.00	36.73 2.21 0.00	33.07 2.16 0.00	29.66 1.94 0.00
CE_NYC2_DRP 24202	28.25 2.07 0.00	25.97 1.90 0.00	24.77 1.71 0.00	23.03 1.65 0.00	22.36 1.40 0.00	23.71 1.43 0.00	24.69 1.62 0.00	27.39 2.19 0.00	30.13 2.61 0.00	32.21 2.79 -0.31	33.93 2.74 -1.14	35.76 2.67 -0.57	38.13 2.64 -0.28	40.25 2.69 -0.14	43.07 2.67 -0.60	46.04 3.14 -0.46	51.24 3.80 -0.55	53.84 4.49 -0.01	50.98 3.69 0.01	44.10 2.18 0.00	39.99 2.44 0.00	37.11 2.59 0.00	33.60 2.69 -0.01	30.05 2.33 0.00
CE_NYC_DRP 24195	28.18 1.99 0.00	25.88 1.81 0.00	24.70 1.64 0.00	22.96 1.58 0.00	22.32 1.36 0.00	23.73 1.45 0.00	24.76 1.68 0.00	27.34 2.14 0.00	30.08 2.56 0.00	32.12 2.71 -0.30	33.21 2.65 -0.50	35.73 2.63 -0.57	38.10 2.61 -0.28	40.25 2.69 -0.14	43.19 2.79 -0.60	46.12 3.23 -0.46	51.53 4.08 -0.56	54.14 4.79 -0.02	51.22 3.93 0.00	44.31 2.39 0.00	39.96 2.40 0.00	37.04 2.52 0.00	33.47 2.56 0.00	29.97 2.25 0.00
CHAFFEE___LFGE 323603	27.73 1.54 0.00	25.42 1.35 0.00	24.23 1.18 0.00	22.24 0.86 0.00	21.88 0.92 0.00	23.49 1.20 0.00	24.18 1.11 0.00	25.90 0.70 0.00	27.85 0.33 0.00	29.49 0.38 0.00	30.36 0.30 0.00	33.69 1.17 0.00	36.84 1.62 0.00	39.13 1.72 0.00	41.44 1.63 0.00	43.72 1.27 0.00	48.91 2.02 0.00	51.31 1.98 0.00	49.28 1.99 0.00	43.73 1.80 0.00	38.79 1.24 0.00	35.69 1.17 0.00	31.74 0.83 0.00	29.16 1.44 0.00
CHATEAUG_35_KV_LOAD 355732	26.19 0.00 0.00	24.07 0.00 0.00	22.97 -0.09 0.00	21.32 -0.06 0.00	21.00 0.04 0.00	22.37 0.09 0.00	23.08 0.00 0.00	25.27 0.08 0.00	27.57 0.06 0.00	29.37 0.26 0.00	30.27 0.21 0.00	32.65 0.13 0.00	35.46 0.25 0.00	37.60 0.19 0.00	40.12 0.32 0.00	42.78 0.34 0.00	46.85 -0.05 0.00	48.99 -0.35 0.00	47.39 0.09 0.00	42.30 0.38 0.00	37.63 0.08 0.00	34.28 -0.24 0.00	30.53 -0.37 0.00	27.22 -0.50 0.00
CHATEAUG_WT_PWR 323614	26.24 0.05 0.00	24.12 0.05 0.00	23.01 -0.05 0.00	21.34 -0.04 0.00	20.98 0.02 0.00	22.40 0.11 0.00	23.12 0.05 0.00	25.32 0.13 0.00	27.63 0.11 0.00	29.43 0.32 0.00	30.45 0.39 0.00	32.75 0.23 0.00	35.57 0.35 0.00	37.67 0.26 0.00	40.20 0.40 0.00	42.87 0.42 0.00	46.99 0.09 0.00	49.04 -0.29 0.00	47.44 0.14 0.00	42.30 0.38 0.00	37.63 0.08 0.00	34.31 -0.21 0.00	30.56 -0.34 0.00	27.25 -0.47 0.00
CHAT_HIGH_FALL_HYD 323578	26.19 0.00 0.00	24.07 0.00 0.00	22.97 -0.09 0.00	21.32 -0.06 0.00	20.94 -0.02 0.00	22.37 0.09 0.00	23.08 0.00 0.00	25.27 0.08 0.00	27.57 0.06 0.00	29.37 0.26 0.00	30.39 0.33 0.00	32.65 0.13 0.00	35.47 0.25 0.00	37.60 0.19 0.00	40.12 0.32 0.00	42.78 0.34 0.00	46.85 -0.05 0.00	48.94 -0.40 0.00	47.39 0.09 0.00	42.30 0.38 0.00	37.63 0.08 0.00	34.28 -0.24 0.00	30.53 -0.37 0.00	27.22 -0.50 0.00
CHAUTAUQUA___LFGE 323629	28.15 1.96 0.00	25.81 1.73 0.00	24.56 1.50 0.00	22.56 1.18 0.00	22.19 1.24 0.00	23.84 1.56 0.00	24.55 1.48 0.00	26.41 1.21 0.00	28.37 0.85 0.00	30.07 0.96 0.00	30.99 0.93 0.00	34.31 1.79 0.00	37.51 2.29 0.00	39.81 2.40 0.00	42.11 2.31 0.00	44.40 1.95 0.00	49.76 2.86 0.00	52.15 2.81 0.00	50.09 2.79 0.00	44.48 2.56 0.00	39.39 1.84 0.00	36.24 1.73 0.00	32.20 1.30 0.00	29.38 1.66 0.00
CHERRYST_13_KV_LD 356241	28.25 2.07 0.00	25.97 1.90 0.00	24.77 1.71 0.00	23.05 1.67 0.00	22.38 1.43 0.00	23.82 1.54 0.00	24.85 1.78 0.00	27.46 2.27 0.00	30.21 2.70 0.00	32.26 2.85 -0.30	33.39 2.83 -0.50	35.92 2.83 -0.57	38.31 2.82 -0.28	40.47 2.92 -0.14	43.39 2.99 -0.60	46.38 3.48 -0.46	51.77 4.31 -0.56	54.39 5.03 -0.02	51.41 4.11 0.00	44.48 2.56 0.00	40.11 2.55 0.00	37.17 2.66 0.00	33.59 2.69 0.00	30.08 2.36 0.00
CHESTROR_138KV_BK263 355645	27.60 1.41 0.00	25.37 1.30 0.00	24.23 1.18 0.00	22.53 1.15 0.00	21.92 0.96 0.00	23.33 1.05 0.00	24.28 1.20 0.00	26.61 1.41 0.00	29.14 1.62 0.00	31.01 1.66 -0.25	32.06 1.59 -0.41	34.61 1.63 -0.47	37.06 1.62 -0.22	39.21 1.68 -0.12	42.05 1.75 -0.49	44.81 1.99 -0.37	50.07 2.72 -0.45	52.66 3.31 -0.02	49.99 2.70 0.00	43.56 1.64 0.00	39.24 1.69 0.00	36.24 1.73 0.00	32.60 1.70 0.00	29.24 1.52 0.00
CH_MIDHUDSON___DRP 24192	27.78 1.60 0.00	25.54 1.47 0.00	24.42 1.36 0.00	22.73 1.35 0.00	22.09 1.13 0.00	23.49 1.20 0.00	24.44 1.36 0.00	26.73 1.54 0.00	29.33 1.82 0.00	31.20 1.89 -0.20	32.20 1.80 -0.34	34.72 1.82 -0.38	37.27 1.87 -0.18	39.49 1.98 -0.10	42.32 2.11 -0.40	45.12 2.38 -0.30	50.46 3.19 -0.37	53.15 3.80 -0.01	50.42 3.12 0.00	43.89 1.97 0.00	39.54 1.99 0.00	36.52 2.00 0.00	32.85 1.95 0.00	29.44 1.72 0.00
CH_MISC_IPPS 23765	27.97 1.78 0.00	25.71 1.64 0.00	24.58 1.52 0.00	22.85 1.47 0.00	22.28 1.32 0.00	23.58 1.29 0.00	24.53 1.45 0.00	26.83 1.64 0.00	29.41 1.90 0.00	31.28 1.95 -0.22	32.45 2.01 -0.38	34.86 1.92 -0.42	37.43 2.01 -0.21	39.65 2.13 -0.11	42.56 2.31 -0.45	45.37 2.59 -0.34	50.78 3.47 -0.41	53.50 4.14 -0.02	50.75 3.45 0.00	44.14 2.22 0.00	39.77 2.22 0.00	36.69 2.18 0.00	33.01 2.10 0.00	29.61 1.89 0.00
CH_RES_BVR_FALLS 23983	25.77 -0.42 0.00	23.69 -0.39 0.00	22.69 -0.37 0.00	21.04 -0.34 0.00	20.62 -0.34 0.00	21.95 -0.33 0.00	22.71 -0.37 0.00	24.79 -0.40 0.00	27.07 -0.44 0.00	28.70 -0.41 0.00	29.67 -0.39 0.00	32.03 -0.49 0.00	34.72 -0.49 0.00	36.85 -0.56 0.00	39.21 -0.60 0.00	41.85 -0.59 0.00	45.91 -0.99 0.00	48.10 -1.23 0.00	46.35 -0.95 0.00	41.34 -0.59 0.00	36.99 -0.56 0.00	33.96 -0.55 0.00	30.41 -0.50 0.00	27.22 -0.50 0.00

CH_RES_NIAGARA 23895	26.76 0.58 0.00	24.55 0.48 0.00	23.43 0.37 0.00	21.51 0.13 0.00	21.15 0.19 0.00	22.69 0.40 0.00	23.33 0.25 0.00	24.94 -0.25 0.00	26.75 -0.77 0.00	28.32 -0.78 0.00	28.98 -1.08 0.00	32.23 -0.29 0.00	35.18 -0.04 0.00	37.26 -0.15 0.00	39.53 -0.28 0.00	41.51 -0.93 0.00	46.52 -0.38 0.00	48.75 -0.59 0.00	46.87 -0.43 0.00	41.67 -0.25 0.00	37.06 -0.49 0.00	34.17 -0.35 0.00	30.47 -0.43 0.00	28.11 0.39 0.00
CH_RES_SYRACUSE 23985	26.37 0.18 0.00	24.24 0.17 0.00	23.22 0.16 0.00	21.49 0.11 0.00	21.09 0.13 0.00	22.46 0.18 0.00	23.26 0.18 0.00	25.35 0.15 0.00	27.65 0.14 0.00	29.25 0.15 0.00	30.27 0.21 0.00	32.98 0.46 0.00	35.78 0.56 0.00	38.04 0.64 0.00	40.32 0.52 0.00	43.12 0.68 0.00	48.05 0.94 -0.21	50.27 0.94 0.00	48.15 0.85 0.00	42.55 0.63 0.00	38.04 0.49 0.00	34.90 0.38 0.00	31.21 0.31 0.00	28.03 0.31 0.00
CLINTON_WT_PWR 323605	26.24 0.05 0.00	24.12 0.05 0.00	23.01 -0.05 0.00	21.34 -0.04 0.00	20.98 0.02 0.00	22.40 0.11 0.00	23.12 0.05 0.00	25.32 0.13 0.00	27.63 0.11 0.00	29.43 0.32 0.00	30.45 0.39 0.00	32.75 0.23 0.00	35.57 0.35 0.00	37.67 0.26 0.00	40.20 0.40 0.00	42.87 0.42 0.00	46.99 0.09 0.00	49.04 -0.29 0.00	47.44 0.14 0.00	42.30 0.38 0.00	37.63 0.08 0.00	34.31 -0.21 0.00	30.56 -0.34 0.00	27.25 -0.47 0.00
CLINTON___LFGE 323618	26.47 0.29 0.00	24.34 0.27 0.00	23.17 0.12 0.00	21.51 0.13 0.00	21.15 0.19 0.00	22.62 0.33 0.00	23.31 0.23 0.00	25.55 0.35 0.00	27.85 0.33 0.00	29.72 0.61 0.00	30.75 0.69 0.00	33.07 0.55 0.00	35.96 0.74 0.00	38.04 0.64 0.00	40.60 0.80 0.00	43.29 0.85 0.00	47.50 0.61 0.00	49.63 0.30 0.00	48.05 0.75 0.00	42.84 0.92 0.00	38.08 0.53 0.00	34.69 0.17 0.00	30.87 -0.03 0.00	27.50 -0.22 0.00
COBBLENY_34_KV_TB1 80064	27.73 1.54 0.00	25.47 1.40 0.00	24.28 1.22 0.00	22.24 0.86 0.00	21.88 0.92 0.00	23.49 1.20 0.00	24.18 1.11 0.00	25.90 0.71 0.00	27.85 0.33 0.00	29.49 0.38 0.00	31.08 1.02 0.00	33.69 1.17 0.00	36.98 1.76 0.00	39.13 1.72 0.00	41.44 1.63 0.00	43.72 1.27 0.00	48.91 2.02 0.00	51.31 1.97 0.00	49.33 2.03 0.00	43.77 1.84 0.00	38.79 1.24 0.00	35.69 1.17 0.00	31.74 0.83 0.00	29.16 1.44 0.00
COFFEEN___115KV_TB3 355620	26.66 0.47 0.00	24.48 0.41 0.00	23.43 0.37 0.00	21.57 0.19 0.00	21.21 0.25 0.00	22.64 0.36 0.00	23.65 0.58 0.00	25.47 0.28 0.00	27.63 0.11 0.00	29.28 0.17 0.00	30.30 0.24 0.00	32.94 0.42 0.00	35.92 0.70 0.00	38.42 1.01 0.00	40.84 1.03 0.00	43.84 1.40 0.00	48.77 1.69 -0.19	50.72 1.38 0.00	49.14 1.84 0.00	43.85 1.93 0.00	39.39 1.84 0.00	35.83 1.31 0.00	31.71 0.80 0.00	28.30 0.58 0.00
COLDSPRG_115KV_BK1 355956	28.46 2.28 0.00	26.12 2.05 0.00	24.88 1.82 0.00	22.79 1.41 0.00	22.43 1.47 0.00	24.11 1.83 0.00	24.87 1.80 0.00	26.78 1.59 0.00	28.78 1.27 0.00	30.50 1.40 0.00	32.22 2.16 0.00	34.83 2.31 0.00	38.25 3.03 0.00	40.29 2.88 0.00	42.59 2.79 0.00	44.91 2.46 0.00	50.32 3.42 0.00	52.69 3.35 0.00	50.61 3.31 0.00	45.03 3.10 0.00	39.88 2.33 0.00	36.86 2.35 0.00	32.70 1.79 0.00	29.80 2.08 0.00
COLONIE_LFGE___ 323577	27.16 0.97 0.00	24.96 0.89 0.00	23.98 0.92 0.00	22.26 0.88 0.00	21.80 0.84 0.00	23.13 0.85 0.00	24.00 0.92 0.00	26.23 1.03 0.00	28.73 1.21 0.00	29.81 1.17 0.46	30.43 1.14 0.77	32.79 1.14 0.87	35.96 1.16 0.42	38.42 1.23 0.22	40.24 1.35 0.92	43.32 1.57 0.70	48.15 2.11 0.85	52.02 2.71 0.03	49.71 2.41 0.00	43.64 1.72 0.00	39.20 1.65 0.00	36.11 1.59 0.00	32.30 1.39 0.00	28.94 1.22 0.00
COOPERNY_115KV_TB1 80082	27.26 1.07 0.00	25.06 0.99 0.00	23.96 0.90 0.00	22.24 0.86 0.00	21.69 0.73 0.00	23.09 0.80 0.00	24.00 0.92 0.00	26.28 1.08 0.00	28.78 1.27 0.00	30.53 1.28 -0.14	31.53 1.23 -0.24	34.06 1.27 -0.27	36.65 1.30 -0.13	38.82 1.35 -0.07	41.49 1.39 -0.29	44.23 1.57 -0.22	49.27 2.11 -0.27	51.91 2.57 -0.01	49.42 2.13 0.00	43.27 1.34 0.00	38.91 1.35 0.00	35.86 1.35 0.00	32.20 1.30 0.00	28.88 1.16 0.00
COPENHAGEN_WT_PWR 323753	26.42 0.24 0.00	24.26 0.19 0.00	23.24 0.18 0.00	21.40 0.02 0.00	21.04 0.08 0.00	22.46 0.18 0.00	23.40 0.32 0.00	25.30 0.10 0.00	27.43 -0.08 0.00	29.08 -0.03 0.00	30.06 0.00 0.00	32.72 0.20 0.00	35.57 0.35 0.00	38.01 0.60 0.00	40.36 0.56 0.00	43.34 0.89 0.00	48.22 1.12 -0.20	50.12 0.79 0.00	48.52 1.23 0.00	43.27 1.34 0.00	38.79 1.24 0.00	35.34 0.83 0.00	31.34 0.43 0.00	28.00 0.28 0.00
CORNELL___ 23752	27.13 0.94 0.00	24.94 0.87 0.00	23.87 0.81 0.00	22.02 0.64 0.00	21.63 0.67 0.00	23.09 0.80 0.00	23.93 0.85 0.00	26.00 0.81 0.00	28.29 0.77 0.00	29.86 0.76 0.00	31.02 0.96 0.00	33.66 1.14 0.00	36.59 1.37 0.00	38.87 1.46 0.00	41.24 1.43 0.00	44.10 1.66 0.00	49.31 2.30 -0.11	51.85 2.52 0.00	49.80 2.51 0.00	43.98 2.05 0.00	39.28 1.73 0.00	35.97 1.45 0.00	32.11 1.21 0.00	28.86 1.14 0.00
CORONA_AV_69_KV_TB1 355595	32.94 2.44 -4.32	29.71 2.21 -3.42	25.11 2.05 0.00	23.37 1.99 0.00	22.70 1.74 0.00	24.16 1.87 0.00	25.19 2.10 -0.01	31.08 2.49 -3.39	32.90 2.92 -2.47	33.13 3.06 -0.96	33.32 2.77 -0.50	36.05 2.96 -0.57	38.45 2.96 -0.27	40.80 3.25 -0.14	43.79 3.38 -0.60	46.84 3.95 -0.45	52.33 4.88 -0.55	55.08 5.72 -0.02	52.07 4.78 0.00	44.98 3.06 0.00	40.52 2.97 0.00	37.38 2.86 0.00	33.75 2.84 0.00	31.49 2.74 -1.02
CORTLAND_115KV_TB3 80093	26.84 0.65 0.00	24.67 0.60 0.00	23.61 0.55 0.00	21.81 0.43 0.00	21.40 0.44 0.00	22.84 0.56 0.00	23.68 0.60 0.00	25.78 0.58 0.00	28.07 0.55 0.00	29.66 0.55 0.00	30.78 0.72 0.00	33.40 0.88 0.00	36.27 1.06 0.00	38.57 1.16 0.00	40.92 1.11 0.00	43.72 1.27 0.00	48.75 1.74 -0.12	51.21 1.87 0.00	49.09 1.80 0.00	43.35 1.43 0.00	38.76 1.20 0.00	35.55 1.04 0.00	31.74 0.83 0.00	28.52 0.80 0.00
COXSACKIE___GT 23611	27.73 1.54 0.00	25.52 1.44 0.00	24.51 1.45 0.00	22.77 1.39 0.00	22.15 1.19 0.00	23.49 1.20 0.00	24.39 1.31 0.00	26.33 1.13 0.00	28.67 1.16 0.00	30.26 1.31 0.16	31.03 1.23 0.26	33.49 1.27 0.30	36.41 1.34 0.14	38.98 1.64 0.08	41.52 2.03 0.31	44.50 2.29 0.24	49.89 3.28 0.29	53.12 3.80 0.01	50.80 3.50 0.00	44.69 2.77 0.00	40.18 2.63 0.00	36.90 2.38 0.00	32.97 2.07 0.00	29.44 1.72 0.00
CPV_VALLEY___CC1 323721	27.39 1.21 0.00	25.18 1.11 0.00	24.05 0.99 0.00	22.34 0.96 0.00	21.86 0.90 0.00	23.18 0.89 0.00	24.09 1.01 0.00	26.43 1.23 0.00	28.95 1.43 0.00	30.77 1.45 -0.21	31.94 1.53 -0.35	34.35 1.43 -0.40	36.82 1.41 -0.19	38.97 1.46 -0.10	41.74 1.51 -0.42	44.46 1.70 -0.32	49.63 2.34 -0.39	52.26 2.91 -0.01	49.61 2.32 0.00	43.31 1.38 0.00	38.98 1.43 0.00	35.97 1.45 0.00	32.36 1.45 0.00	29.02 1.30 0.00

CPV_VALLEY___CC2 323722	27.39 1.21 0.00	25.18 1.11 0.00	24.05 0.99 0.00	22.34 0.96 0.00	21.86 0.90 0.00	23.18 0.89 0.00	24.09 1.01 0.00	26.43 1.23 0.00	28.95 1.43 0.00	30.77 1.45 -0.21	31.94 1.53 -0.35	34.35 1.43 -0.40	36.82 1.41 -0.19	38.97 1.46 -0.10	41.74 1.51 -0.42	44.46 1.70 -0.32	49.63 2.34 -0.39	52.26 2.91 -0.01	49.61 2.32 0.00	43.31 1.38 0.00	38.98 1.43 0.00	35.97 1.45 0.00	32.36 1.45 0.00	29.02 1.30 0.00
CRESCENT___HYD 24018	27.16 0.97 0.00	24.96 0.89 0.00	23.98 0.92 0.00	22.26 0.88 0.00	21.80 0.84 0.00	23.13 0.85 0.00	24.00 0.92 0.00	26.23 1.03 0.00	28.73 1.21 0.00	29.81 1.17 0.46	30.43 1.14 0.77	32.79 1.14 0.87	35.96 1.16 0.42	38.42 1.23 0.22	40.24 1.35 0.92	43.32 1.57 0.70	48.15 2.11 0.85	52.02 2.71 0.03	49.71 2.41 0.00	43.64 1.72 0.00	39.20 1.65 0.00	36.11 1.59 0.00	32.30 1.39 0.00	28.94 1.22 0.00
CRICKET___VALLEY_CC1 323756	27.34 1.15 0.00	25.18 1.11 0.00	24.12 1.06 0.00	22.45 1.07 0.00	21.94 0.99 0.00	23.24 0.96 0.00	24.16 1.08 0.00	26.46 1.26 0.00	29.03 1.51 0.00	26.08 1.54 4.57	23.98 1.56 7.64	25.28 1.40 8.64	32.41 1.37 4.18	36.64 1.42 2.19	32.23 1.51 9.09	37.25 1.70 6.90	40.83 2.39 8.45	52.04 3.01 0.31	49.71 2.41 0.00	43.31 1.38 0.00	39.02 1.46 0.00	36.03 1.52 0.00	32.42 1.51 0.00	29.05 1.33 0.00
CRICKET___VALLEY_CC2 323757	27.34 1.15 0.00	25.18 1.11 0.00	24.12 1.06 0.00	22.45 1.07 0.00	21.94 0.99 0.00	23.24 0.96 0.00	24.16 1.08 0.00	26.46 1.26 0.00	29.03 1.51 0.00	26.08 1.54 4.57	23.98 1.56 7.64	25.28 1.40 8.64	32.41 1.37 4.18	36.64 1.42 2.19	32.23 1.51 9.09	37.25 1.70 6.90	40.83 2.39 8.45	52.04 3.01 0.31	49.71 2.41 0.00	43.31 1.38 0.00	39.02 1.46 0.00	36.03 1.52 0.00	32.42 1.51 0.00	29.05 1.33 0.00
CRICKET___VALLEY_CC3 323758	27.34 1.15 0.00	25.18 1.11 0.00	24.12 1.06 0.00	22.45 1.07 0.00	21.94 0.99 0.00	23.24 0.96 0.00	24.16 1.08 0.00	26.46 1.26 0.00	29.03 1.51 0.00	26.08 1.54 4.57	23.98 1.56 7.64	25.28 1.40 8.64	32.41 1.37 4.18	36.64 1.42 2.19	32.23 1.51 9.09	37.25 1.70 6.90	40.83 2.39 8.45	52.04 3.01 0.31	49.71 2.41 0.00	43.31 1.38 0.00	39.02 1.46 0.00	36.03 1.52 0.00	32.42 1.51 0.00	29.05 1.33 0.00
CRUCIBLE_METL_DRP 24180	26.37 0.18 0.00	24.26 0.19 0.00	23.22 0.16 0.00	21.49 0.11 0.00	21.08 0.13 0.00	22.46 0.18 0.00	23.26 0.18 0.00	25.35 0.15 0.00	27.65 0.14 0.00	29.25 0.15 0.00	30.39 0.33 0.00	32.98 0.46 0.00	35.78 0.56 0.00	38.04 0.64 0.00	40.32 0.52 0.00	43.12 0.68 0.00	48.05 0.94 -0.21	50.22 0.89 0.00	48.15 0.85 0.00	42.55 0.63 0.00	38.04 0.49 0.00	34.90 0.38 0.00	31.21 0.31 0.00	28.02 0.30 0.00
DAHOWA___HYDRO 323763	27.39 1.21 0.00	25.18 1.11 0.00	24.17 1.11 0.00	22.43 1.05 0.00	21.96 1.01 0.00	23.35 1.07 0.00	24.18 1.11 0.00	26.51 1.31 0.00	28.95 1.43 0.00	30.09 1.37 0.39	30.77 1.35 0.65	33.22 1.43 0.73	36.34 1.48 0.35	38.87 1.64 0.19	40.79 1.75 0.77	43.98 2.12 0.58	48.90 2.72 0.71	52.81 3.50 0.03	50.65 3.36 0.00	44.69 2.77 0.00	40.07 2.52 0.00	36.87 2.35 0.00	32.85 1.95 0.00	29.36 1.64 0.00
DANC___LFGE 323619	26.26 0.08 0.00	24.12 0.05 0.00	23.10 0.05 0.00	21.34 -0.04 0.00	20.94 -0.02 0.00	22.33 0.04 0.00	23.24 0.16 0.00	25.17 -0.03 0.00	27.35 -0.16 0.00	28.96 -0.14 0.00	29.94 -0.12 0.00	32.59 0.07 0.00	35.36 0.14 0.00	37.71 0.30 0.00	40.09 0.28 0.00	42.91 0.47 0.00	47.85 0.70 -0.25	49.78 0.44 0.00	47.96 0.66 0.00	42.64 0.71 0.00	38.23 0.68 0.00	34.93 0.42 0.00	31.09 0.19 0.00	27.83 0.11 0.00
DANSKAMMER___1 23586	27.97 1.78 0.00	25.71 1.64 0.00	24.58 1.52 0.00	22.85 1.47 0.00	22.28 1.32 0.00	23.58 1.29 0.00	24.53 1.45 0.00	26.83 1.64 0.00	29.41 1.90 0.00	31.28 1.95 -0.22	32.45 2.01 -0.38	34.86 1.92 -0.42	37.43 2.01 -0.21	39.65 2.13 -0.11	42.56 2.31 -0.45	45.37 2.59 -0.34	50.78 3.47 -0.41	53.50 4.14 -0.02	50.75 3.45 0.00	44.14 2.22 0.00	39.77 2.22 0.00	36.69 2.18 0.00	33.01 2.10 0.00	29.61 1.89 0.00
DANSKAMMER___2 23589	27.97 1.78 0.00	25.71 1.64 0.00	24.58 1.52 0.00	22.85 1.47 0.00	22.28 1.32 0.00	23.58 1.29 0.00	24.53 1.45 0.00	26.83 1.64 0.00	29.41 1.90 0.00	31.28 1.95 -0.22	32.45 2.01 -0.38	34.86 1.92 -0.42	37.43 2.01 -0.21	39.65 2.13 -0.11	42.56 2.31 -0.45	45.37 2.59 -0.34	50.78 3.47 -0.41	53.50 4.14 -0.02	50.75 3.45 0.00	44.14 2.22 0.00	39.77 2.22 0.00	36.69 2.18 0.00	33.01 2.10 0.00	29.61 1.89 0.00
DANSKAMMER___3 23590	27.97 1.78 0.00	25.71 1.64 0.00	24.58 1.52 0.00	22.85 1.47 0.00	22.28 1.32 0.00	23.58 1.29 0.00	24.53 1.45 0.00	26.83 1.64 0.00	29.41 1.90 0.00	31.28 1.95 -0.22	32.45 2.01 -0.38	34.86 1.92 -0.42	37.43 2.01 -0.21	39.65 2.13 -0.11	42.56 2.31 -0.45	45.37 2.59 -0.34	50.78 3.47 -0.41	53.50 4.14 -0.02	50.75 3.45 0.00	44.14 2.22 0.00	39.77 2.22 0.00	36.69 2.18 0.00	33.01 2.10 0.00	29.61 1.89 0.00
DANSKAMMER___4 23591	27.97 1.78 0.00	25.71 1.64 0.00	24.58 1.52 0.00	22.85 1.47 0.00	22.28 1.32 0.00	23.58 1.29 0.00	24.53 1.45 0.00	26.83 1.64 0.00	29.41 1.90 0.00	31.28 1.95 -0.22	32.45 2.01 -0.38	34.86 1.92 -0.42	37.43 2.01 -0.21	39.65 2.13 -0.11	42.56 2.31 -0.45	45.37 2.59 -0.34	50.78 3.47 -0.41	53.50 4.14 -0.02	50.75 3.45 0.00	44.14 2.22 0.00	39.77 2.22 0.00	36.69 2.18 0.00	33.01 2.10 0.00	29.61 1.89 0.00
DANSKAMMER___DIESEL 23592	27.97 1.78 0.00	25.73 1.66 0.00	24.56 1.50 0.00	22.86 1.48 0.00	22.20 1.24 0.00	23.58 1.29 0.00	24.55 1.48 0.00	26.83 1.64 0.00	29.41 1.90 0.00	31.28 1.95 -0.22	32.33 1.89 -0.38	34.86 1.92 -0.42	37.40 1.97 -0.21	39.65 2.13 -0.11	42.56 2.31 -0.45	45.37 2.59 -0.34	50.78 3.47 -0.41	53.50 4.14 -0.02	50.75 3.45 0.00	44.15 2.22 0.00	39.77 2.22 0.00	36.69 2.17 0.00	33.00 2.10 0.00	29.60 1.88 0.00
DARBY___SOLAR 323810	27.37 1.18 0.00	25.18 1.11 0.00	24.17 1.11 0.00	22.43 1.05 0.00	21.96 1.01 0.00	23.33 1.05 0.00	24.18 1.11 0.00	26.51 1.31 0.00	28.97 1.46 0.00	30.11 1.40 0.40	30.77 1.38 0.67	33.20 1.43 0.75	36.33 1.48 0.36	38.86 1.64 0.19	40.80 1.79 0.79	43.96 2.12 0.60	48.88 2.72 0.74	52.76 3.45 0.03	50.51 3.22 0.00	44.52 2.60 0.00	39.92 2.37 0.00	36.76 2.24 0.00	32.79 1.89 0.00	29.33 1.61 0.00
DASHVILLE___HYD 23610	27.55 1.36 0.00	25.37 1.30 0.00	24.21 1.15 0.00	22.53 1.15 0.00	21.88 0.92 0.00	23.24 0.96 0.00	24.18 1.11 0.00	26.41 1.21 0.00	28.97 1.46 0.00	31.10 1.89 -0.10	32.06 1.83 -0.17	34.57 1.85 -0.19	37.18 1.87 -0.09	39.40 1.95 -0.05	42.08 2.07 -0.20	44.93 2.33 -0.15	50.23 3.14 -0.19	52.75 3.40 -0.01	49.71 2.41 0.00	43.18 1.26 0.00	38.94 1.39 0.00	35.97 1.45 0.00	32.48 1.58 0.00	29.11 1.39 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	34.90 3.67 -5.05	31.37 3.30 -4.00	26.10 3.04 0.00	24.27 2.89 0.00	23.60 2.64 0.00	25.09 2.81 0.00	26.25 3.16 -0.02	32.83 3.68 -3.96	34.67 4.26 -2.89	34.53 4.34 -1.09	34.31 3.76 -0.50	37.44 4.36 -0.56	39.92 4.44 -0.27	42.45 4.90 -0.14	48.20 5.21 -3.18	48.71 5.81 -0.45	54.43 6.99 -0.55	57.64 8.29 -0.01	54.43 7.14 0.01	46.82 4.91 0.01	42.35 4.69 -0.10	38.83 4.31 0.00	34.99 4.08 0.00	32.96 4.05 -1.19
DELAWARE___LFGE 323621	27.26 1.07 0.00	25.03 0.96 0.00	24.00 0.95 0.00	22.24 0.86 0.00	21.73 0.78 0.00	23.18 0.89 0.00	24.04 0.97 0.00	26.23 1.03 0.00	28.62 1.10 0.00	30.24 1.14 0.00	31.26 1.20 0.00	33.82 1.30 0.00	36.66 1.44 0.00	38.94 1.53 0.00	41.40 1.59 0.00	44.18 1.74 0.00	49.15 2.25 0.00	51.85 2.52 0.00	49.61 2.32 0.00	43.68 1.76 0.00	39.17 1.61 0.00	36.00 1.48 0.00	32.23 1.33 0.00	28.91 1.19 0.00
DERFIELD_115KV_TB7 355931	26.26 0.08 0.00	24.14 0.07 0.00	23.13 0.07 0.00	21.44 0.06 0.00	21.02 0.06 0.00	22.35 0.07 0.00	23.14 0.07 0.00	25.27 0.08 0.00	27.60 0.08 0.00	29.17 0.06 0.00	30.15 0.09 0.00	32.62 0.10 0.00	35.32 0.11 0.00	37.56 0.15 0.00	39.93 0.12 0.00	42.57 0.13 0.00	47.08 0.19 0.00	49.58 0.25 0.00	47.48 0.19 0.00	42.01 0.08 0.00	37.63 0.08 0.00	34.62 0.10 0.00	30.97 0.06 0.00	27.78 0.06 0.00
DOGLEVILLE___HYD 23807	26.16 -0.03 0.00	24.05 -0.02 0.00	23.04 -0.02 0.00	21.32 -0.06 0.00	20.92 -0.04 0.00	22.24 -0.04 0.00	22.96 -0.11 0.00	25.02 -0.18 0.00	27.32 -0.19 0.00	28.93 -0.17 0.00	30.03 -0.03 0.00	32.52 0.00 0.00	35.25 0.04 0.00	37.52 0.11 0.00	39.69 -0.12 0.00	42.57 0.13 0.00	46.85 -0.05 0.00	49.24 -0.10 0.00	47.11 -0.19 0.00	41.59 -0.34 0.00	37.18 -0.38 0.00	34.21 -0.31 0.00	30.56 -0.34 0.00	27.42 -0.30 0.00
DUNKIRK___115KV_TB_200 55889	28.10 1.91 0.00	25.78 1.71 0.00	24.56 1.50 0.00	22.51 1.13 0.00	22.15 1.19 0.00	23.80 1.52 0.00	24.51 1.43 0.00	26.33 1.13 0.00	28.31 0.80 0.00	29.98 0.87 0.00	31.62 1.56 0.00	34.24 1.72 0.00	37.54 2.32 0.00	39.69 2.28 0.00	42.00 2.19 0.00	44.27 1.83 0.00	49.61 2.72 0.00	52.05 2.71 0.00	49.99 2.70 0.00	44.36 2.43 0.00	39.32 1.77 0.00	36.17 1.66 0.00	32.14 1.24 0.00	29.36 1.64 0.00
DUNKIRK___1 23563	28.10 1.91 0.00	25.78 1.71 0.00	24.56 1.50 0.00	22.51 1.13 0.00	22.15 1.19 0.00	23.80 1.52 0.00	24.51 1.43 0.00	26.33 1.13 0.00	28.31 0.80 0.00	29.98 0.87 0.00	31.62 1.56 0.00	34.24 1.72 0.00	37.54 2.32 0.00	39.69 2.28 0.00	42.00 2.19 0.00	44.27 1.83 0.00	49.61 2.72 0.00	52.05 2.71 0.00	49.99 2.70 0.00	44.36 2.43 0.00	39.32 1.77 0.00	36.17 1.66 0.00	32.14 1.24 0.00	29.36 1.64 0.00
DUNKIRK___2 23564	28.10 1.91 0.00	25.78 1.71 0.00	24.56 1.50 0.00	22.51 1.13 0.00	22.15 1.19 0.00	23.80 1.52 0.00	24.51 1.43 0.00	26.33 1.13 0.00	28.31 0.80 0.00	29.98 0.87 0.00	31.62 1.56 0.00	34.24 1.72 0.00	37.54 2.32 0.00	39.69 2.28 0.00	42.00 2.19 0.00	44.27 1.83 0.00	49.61 2.72 0.00	52.05 2.71 0.00	49.99 2.70 0.00	44.36 2.43 0.00	39.32 1.77 0.00	36.17 1.66 0.00	32.14 1.24 0.00	29.36 1.64 0.00
DUNKIRK___3 23565	27.89 1.70 0.00	25.59 1.52 0.00	24.40 1.34 0.00	22.36 0.98 0.00	22.01 1.05 0.00	23.62 1.34 0.00	24.34 1.27 0.00	26.13 0.93 0.00	28.09 0.58 0.00	29.75 0.64 0.00	31.32 1.26 0.00	33.95 1.43 0.00	37.23 2.01 0.00	39.32 1.91 0.00	41.64 1.83 0.00	43.84 1.40 0.00	49.19 2.30 0.00	51.61 2.27 0.00	49.57 2.27 0.00	43.98 2.05 0.00	38.98 1.43 0.00	35.90 1.38 0.00	31.92 1.02 0.00	29.22 1.50 0.00
DUNKIRK___4 23566	27.89 1.70 0.00	25.59 1.52 0.00	24.40 1.34 0.00	22.36 0.98 0.00	22.01 1.05 0.00	23.62 1.34 0.00	24.34 1.27 0.00	26.13 0.93 0.00	28.09 0.58 0.00	29.75 0.64 0.00	31.32 1.26 0.00	33.95 1.43 0.00	37.23 2.01 0.00	39.32 1.91 0.00	41.64 1.83 0.00	43.84 1.40 0.00	49.19 2.30 0.00	51.61 2.27 0.00	49.57 2.27 0.00	43.98 2.05 0.00	38.98 1.43 0.00	35.90 1.38 0.00	31.92 1.02 0.00	29.22 1.50 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	28.05 1.86 0.00	25.78 1.71 0.00	24.60 1.54 0.00	22.88 1.50 0.00	22.26 1.30 0.00	23.69 1.40 0.00	24.67 1.59 0.00	27.21 2.02 0.00	29.88 2.37 0.00	31.88 2.47 -0.30	32.94 2.37 -0.50	35.50 2.41 -0.57	37.92 2.43 -0.28	40.10 2.54 -0.14	43.03 2.63 -0.60	45.91 3.01 -0.46	51.30 3.85 -0.56	53.90 4.54 -0.02	51.08 3.78 0.00	44.31 2.39 0.00	39.96 2.40 0.00	36.93 2.42 0.00	33.28 2.38 0.00	29.83 2.11 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	27.76 1.57 0.00	25.52 1.44 0.00	24.37 1.31 0.00	22.66 1.28 0.00	22.03 1.07 0.00	23.44 1.16 0.00	24.39 1.32 0.00	26.68 1.49 0.00	29.25 1.73 0.00	31.14 1.80 -0.22	32.18 1.74 -0.37	34.70 1.76 -0.42	37.18 1.76 -0.20	39.39 1.87 -0.11	42.24 1.99 -0.45	45.03 2.25 -0.34	50.36 3.05 -0.41	53.00 3.65 -0.02	50.27 2.98 0.00	43.77 1.84 0.00	39.43 1.88 0.00	36.42 1.90 0.00	32.76 1.85 0.00	29.38 1.66 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	28.34 2.15 -0.01	26.05 1.97 -0.01	24.83 1.78 0.00	23.12 1.73 -0.01	22.43 1.47 0.00	23.71 1.43 0.00	24.57 1.50 0.00	27.36 2.17 0.00	30.08 2.56 0.00	32.12 2.71 -0.31	33.14 2.59 -0.50	35.60 2.50 -0.57	37.99 2.50 -0.28	40.06 2.51 -0.14	42.91 2.51 -0.60	45.83 2.93 -0.46	51.06 3.61 -0.55	53.69 4.34 -0.01	50.88 3.59 0.01	43.89 1.97 0.00	39.81 2.25 0.00	37.00 2.49 0.00	33.60 2.69 -0.01	30.14 2.41 -0.01
E179THST_13_KV_LOAD 356214	28.50 2.30 -0.01	26.22 2.14 -0.01	24.97 1.91 0.00	23.23 1.84 -0.01	22.53 1.57 0.00	23.82 1.54 0.00	24.71 1.64 0.00	27.51 2.32 0.00	30.24 2.72 0.00	32.30 2.88 -0.31	33.35 2.80 -0.50	35.82 2.73 -0.57	38.21 2.71 -0.28	40.32 2.77 -0.14	43.19 2.79 -0.60	46.17 3.27 -0.46	51.38 3.94 -0.55	54.09 4.74 -0.01	51.26 3.97 0.01	44.19 2.26 0.00	40.07 2.52 0.00	37.24 2.73 0.00	33.82 2.90 -0.01	30.33 2.61 -0.01
EAST HAMPTON___GT 23717	35.40 4.16 -5.05	31.82 3.75 -4.00	26.56 3.50 0.00	24.63 3.25 0.00	24.08 3.12 0.00	25.50 3.21 0.00	26.67 3.58 -0.02	33.24 4.08 -3.96	35.19 4.79 -2.89	35.14 4.95 -1.08	35.42 4.87 -0.50	38.32 5.24 -0.56	40.91 5.42 -0.27	43.42 5.87 -0.14	49.48 6.49 -3.18	49.81 6.92 -0.45	55.60 8.16 -0.55	59.02 9.67 -0.01	55.66 8.37 0.01	47.91 5.99 0.01	43.25 5.60 -0.10	39.66 5.14 0.00	35.72 4.82 0.00	33.54 4.63 -1.19
EAST RIVER___6 23660	28.20 2.02 0.00	25.88 1.81 0.00	24.72 1.66 0.00	23.03 1.65 0.00	22.49 1.53 0.00	23.78 1.49 0.00	24.78 1.71 0.00	27.36 2.17 0.00	30.10 2.59 0.00	32.23 2.82 -0.30	33.45 2.89 -0.50	35.82 2.73 -0.57	38.24 2.75 -0.28	40.21 2.66 -0.14	43.27 2.87 -0.60	46.08 3.18 -0.46	51.62 4.17 -0.56	54.24 4.89 -0.02	51.27 3.97 0.00	44.31 2.39 0.00	39.96 2.41 0.00	37.04 2.52 0.00	33.50 2.60 0.00	29.99 2.27 0.00

EAST_RIVER___7 23524	28.20 2.02 0.00	25.88 1.81 0.00	24.72 1.66 0.00	23.03 1.65 0.00	22.49 1.53 0.00	23.78 1.49 0.00	24.78 1.71 0.00	27.36 2.17 0.00	30.10 2.59 0.00	32.23 2.82 -0.30	33.45 2.89 -0.50	35.82 2.73 -0.57	38.24 2.75 -0.28	40.21 2.66 -0.14	43.27 2.87 -0.60	46.08 3.18 -0.46	51.62 4.17 -0.56	54.24 4.89 -0.02	51.27 3.97 0.00	44.31 2.39 0.00	39.96 2.41 0.00	37.04 2.52 0.00	33.50 2.60 0.00	29.99 2.27 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	27.97 1.78 0.00	25.71 1.64 0.00	24.53 1.48 0.00	22.81 1.43 0.00	22.20 1.24 0.00	23.62 1.34 0.00	24.60 1.52 0.00	27.11 1.91 0.00	29.77 2.26 0.00	31.77 2.36 -0.30	32.82 2.25 -0.50	35.40 2.31 -0.57	37.82 2.32 -0.27	39.95 2.39 -0.14	42.91 2.51 -0.60	45.74 2.84 -0.45	51.11 3.66 -0.56	53.70 4.34 -0.02	50.89 3.59 0.00	44.19 2.26 0.00	39.81 2.25 0.00	36.79 2.28 0.00	33.16 2.26 0.00	29.72 2.00 0.00
EAST_HAMPTON___DIESEL 23722	35.40 4.16 -5.05	31.82 3.75 -4.00	26.56 3.50 0.00	24.65 3.27 0.00	24.08 3.12 0.00	25.50 3.21 0.00	26.69 3.60 -0.02	33.26 4.11 -3.96	35.22 4.81 -2.89	35.14 4.95 -1.08	35.42 4.87 -0.50	38.32 5.24 -0.56	40.95 5.46 -0.27	43.42 5.87 -0.14	49.52 6.53 -3.18	49.85 6.96 -0.45	55.65 8.20 -0.55	59.02 9.67 -0.01	55.71 8.42 0.01	47.91 5.99 0.01	43.25 5.60 -0.10	39.66 5.14 0.00	35.72 4.82 0.00	33.54 4.63 -1.19
EAST_PULASKI___ESR 323781	26.11 -0.08 0.00	24.00 -0.07 0.00	22.99 -0.07 0.00	21.25 -0.13 0.00	20.87 -0.08 0.00	22.24 -0.04 0.00	23.05 -0.02 0.00	25.07 -0.13 0.00	27.30 -0.22 0.00	28.87 -0.23 0.00	29.94 -0.12 0.00	32.49 -0.03 0.00	35.15 -0.07 0.00	37.41 0.00 0.00	39.77 -0.04 0.00	42.49 0.04 0.00	47.43 0.19 -0.35	49.39 0.05 0.00	47.44 0.14 0.00	42.01 0.08 0.00	37.63 0.08 0.00	34.48 -0.03 0.00	30.87 -0.03 0.00	27.69 -0.03 0.00
EAST_RIVER___1 323558	28.18 1.99 0.00	25.88 1.81 0.00	24.70 1.64 0.00	22.96 1.58 0.00	22.45 1.49 0.00	23.73 1.45 0.00	24.76 1.68 0.00	27.34 2.14 0.00	30.08 2.56 0.00	32.12 2.71 -0.30	33.36 2.80 -0.50	35.72 2.63 -0.57	38.14 2.64 -0.28	40.25 2.69 -0.14	43.23 2.83 -0.60	46.12 3.22 -0.46	51.53 4.08 -0.56	54.14 4.78 -0.02	51.17 3.88 0.00	44.31 2.39 0.00	39.96 2.41 0.00	37.04 2.52 0.00	33.47 2.56 0.00	29.96 2.24 0.00
EAST_RIVER___2 323559	28.20 2.02 0.00	25.88 1.81 0.00	24.72 1.66 0.00	23.03 1.65 0.00	22.49 1.53 0.00	23.78 1.49 0.00	24.78 1.71 0.00	27.36 2.17 0.00	30.10 2.59 0.00	32.23 2.82 -0.30	33.45 2.89 -0.50	35.82 2.73 -0.57	38.24 2.75 -0.28	40.21 2.66 -0.14	43.27 2.87 -0.60	46.08 3.18 -0.46	51.62 4.17 -0.56	54.24 4.89 -0.02	51.27 3.97 0.00	44.31 2.39 0.00	39.96 2.41 0.00	37.04 2.52 0.00	33.50 2.60 0.00	29.99 2.27 0.00
EAST___DELAWARE_HYD 23607	27.91 1.73 0.00	25.64 1.56 0.00	24.49 1.43 0.00	22.73 1.35 0.00	22.19 1.24 0.00	23.51 1.22 0.00	24.46 1.38 0.00	26.68 1.49 0.00	29.22 1.71 0.00	31.00 1.75 -0.14	32.19 1.89 -0.24	34.65 1.85 -0.27	37.29 1.94 -0.13	39.53 2.06 -0.07	42.24 2.15 -0.29	45.17 2.50 -0.22	50.40 3.23 -0.27	53.15 3.80 -0.01	50.46 3.17 0.00	43.98 2.05 0.00	39.62 2.06 0.00	36.52 2.00 0.00	32.88 1.98 0.00	29.44 1.72 0.00
EIGHT_POINT___WT_PWR 323820	27.89 1.70 0.00	25.59 1.52 0.00	24.40 1.34 0.00	22.43 1.05 0.00	22.09 1.13 0.00	23.69 1.40 0.00	24.44 1.36 0.00	26.36 1.16 0.00	28.45 0.94 0.00	30.10 0.99 0.00	31.11 1.05 0.00	34.34 1.82 0.00	37.26 2.04 0.00	39.54 2.13 0.00	41.80 1.99 0.00	44.40 1.95 0.00	49.85 2.96 0.00	52.30 2.96 0.00	50.28 2.98 0.00	44.48 2.56 0.00	39.50 1.95 0.00	36.31 1.79 0.00	32.39 1.48 0.00	29.44 1.72 0.00
ELBRIDGE_115KV_TB2 80188	26.34 0.16 0.00	24.22 0.14 0.00	23.20 0.14 0.00	21.47 0.09 0.00	21.06 0.10 0.00	22.44 0.16 0.00	23.21 0.14 0.00	25.30 0.10 0.00	27.57 0.06 0.00	29.17 0.06 0.00	30.24 0.18 0.00	32.81 0.29 0.00	35.61 0.39 0.00	37.82 0.41 0.00	40.20 0.40 0.00	42.87 0.42 0.00	47.92 0.80 -0.23	50.13 0.79 0.00	48.05 0.76 0.00	42.47 0.55 0.00	37.97 0.41 0.00	34.83 0.31 0.00	31.15 0.25 0.00	27.97 0.25 0.00
ELEC_TRO_TEK 24086	32.64 2.20 -4.26	29.46 2.02 -3.37	24.93 1.87 0.00	23.20 1.82 0.00	22.55 1.59 0.00	24.00 1.72 0.00	25.03 1.94 -0.01	30.85 2.32 -3.33	32.65 2.70 -2.43	32.89 2.82 -0.96	33.05 2.49 -0.50	35.76 2.67 -0.57	38.10 2.61 -0.27	40.39 2.84 -0.14	43.43 3.03 -0.60	46.33 3.44 -0.45	51.76 4.31 -0.55	54.48 5.13 -0.02	51.50 4.21 0.00	44.52 2.60 0.00	40.10 2.55 0.00	37.00 2.49 0.00	33.44 2.53 0.00	31.19 2.47 -1.01
ELLENBURG_WT_PWR 323604	26.24 0.05 0.00	24.12 0.05 0.00	23.01 -0.05 0.00	21.34 -0.04 0.00	20.98 0.02 0.00	22.40 0.11 0.00	23.12 0.05 0.00	25.32 0.13 0.00	27.63 0.11 0.00	29.43 0.32 0.00	30.45 0.39 0.00	32.75 0.23 0.00	35.57 0.35 0.00	37.67 0.26 0.00	40.20 0.40 0.00	42.87 0.42 0.00	46.99 0.09 0.00	49.04 -0.29 0.00	47.44 0.14 0.00	42.30 0.38 0.00	37.63 0.08 0.00	34.31 -0.21 0.00	30.56 -0.34 0.00	27.25 -0.47 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	27.55 1.36 0.00	25.30 1.23 0.00	24.12 1.06 0.00	22.13 0.75 0.00	21.75 0.80 0.00	23.35 1.07 0.00	24.02 0.95 0.00	25.73 0.53 0.00	27.63 0.11 0.00	29.25 0.15 0.00	30.81 0.75 0.00	33.37 0.85 0.00	36.56 1.34 0.00	38.68 1.27 0.00	40.96 1.15 0.00	43.17 0.72 0.00	48.35 1.45 0.00	50.67 1.33 0.00	48.71 1.42 0.00	43.22 1.30 0.00	38.38 0.83 0.00	35.35 0.83 0.00	31.46 0.56 0.00	28.91 1.19 0.00
EMPIRE_CC_1 323656	26.79 0.60 0.00	24.70 0.62 0.00	23.75 0.69 0.00	22.08 0.70 0.00	21.61 0.65 0.00	22.91 0.62 0.00	23.70 0.62 0.00	25.88 0.68 0.00	28.37 0.85 0.00	29.32 0.81 0.60	29.83 0.78 1.01	32.07 0.68 1.14	35.34 0.67 0.55	37.76 0.64 0.29	39.33 0.72 1.20	42.43 0.89 0.91	47.09 1.31 1.11	51.12 1.83 0.04	48.81 1.51 0.00	42.81 0.88 0.00	38.49 0.94 0.00	35.48 0.97 0.00	31.80 0.90 0.00	28.50 0.78 0.00
EMPIRE_CC_2 323658	26.79 0.60 0.00	24.70 0.62 0.00	23.75 0.69 0.00	22.08 0.70 0.00	21.61 0.65 0.00	22.91 0.62 0.00	23.70 0.62 0.00	25.88 0.68 0.00	28.37 0.85 0.00	29.32 0.81 0.60	29.83 0.78 1.01	32.07 0.68 1.14	35.34 0.67 0.55	37.76 0.64 0.29	39.33 0.72 1.20	42.43 0.89 0.91	47.09 1.31 1.11	51.12 1.83 0.04	48.81 1.51 0.00	42.81 0.88 0.00	38.49 0.94 0.00	35.48 0.97 0.00	31.80 0.90 0.00	28.50 0.78 0.00
ENORWICH_115KV_TB1 80156	28.36 2.17 0.00	26.02 1.95 0.00	24.90 1.84 0.00	22.88 1.50 0.00	22.47 1.51 0.00	24.07 1.78 0.00	25.11 2.03 0.00	27.09 1.89 0.00	29.28 1.76 0.00	30.83 1.72 0.00	32.04 1.98 0.00	34.83 2.31 0.00	38.07 2.85 0.00	40.59 3.18 0.00	42.95 3.14 0.00	46.26 3.82 0.00	51.57 4.60 -0.08	54.17 4.83 0.00	52.36 5.06 0.00	46.37 4.44 0.00	41.46 3.91 0.00	37.76 3.24 0.00	33.53 2.63 0.00	30.02 2.30 0.00

ERIE_ST__34_KV_TB1-2 80199	27.86 1.68 0.00	25.56 1.49 0.00	24.37 1.31 0.00	22.32 0.94 0.00	21.96 1.01 0.00	23.58 1.29 0.00	24.28 1.20 0.00	25.98 0.78 0.00	27.93 0.41 0.00	29.60 0.49 0.00	31.23 1.17 0.00	33.85 1.33 0.00	37.15 1.94 0.00	39.32 1.91 0.00	41.64 1.83 0.00	43.97 1.53 0.00	49.19 2.30 0.00	51.61 2.27 0.00	49.57 2.27 0.00	43.94 2.01 0.00	38.91 1.35 0.00	35.83 1.31 0.00	31.83 0.93 0.00	29.27 1.55 0.00
ERIE_WT_PWR 323693	27.70 1.52 0.00	25.42 1.35 0.00	24.23 1.18 0.00	22.24 0.86 0.00	21.88 0.92 0.00	23.47 1.18 0.00	24.16 1.08 0.00	25.88 0.68 0.00	27.79 0.28 0.00	29.43 0.32 0.00	30.27 0.21 0.00	33.59 1.07 0.00	36.73 1.51 0.00	38.98 1.57 0.00	41.28 1.47 0.00	43.51 1.06 0.00	48.72 1.83 0.00	51.06 1.73 0.00	49.09 1.80 0.00	43.60 1.68 0.00	38.68 1.13 0.00	35.59 1.07 0.00	31.68 0.77 0.00	29.11 1.39 0.00
ESPRGFLD_115KV_TB1 80157	28.07 1.89 0.00	25.76 1.69 0.00	24.70 1.64 0.00	22.81 1.43 0.00	22.34 1.38 0.00	23.89 1.60 0.00	24.76 1.68 0.00	27.01 1.81 0.00	29.39 1.87 0.00	30.84 1.89 0.16	31.81 2.01 0.26	34.44 2.21 0.30	37.54 2.47 0.14	39.99 2.66 0.08	42.36 2.87 0.31	45.43 3.23 0.24	50.50 3.89 0.29	53.77 4.44 0.01	51.69 4.40 0.00	45.61 3.69 0.00	40.90 3.34 0.00	37.52 3.00 0.00	33.41 2.50 0.00	29.94 2.22 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	27.10 0.92 0.00	24.91 0.84 0.00	23.82 0.76 0.00	22.00 0.62 0.00	21.61 0.65 0.00	23.07 0.78 0.00	23.88 0.81 0.00	25.98 0.78 0.00	28.26 0.74 0.00	29.84 0.73 0.00	30.96 0.90 0.00	33.59 1.07 0.00	36.52 1.30 0.00	38.79 1.38 0.00	41.16 1.35 0.00	44.01 1.57 0.00	49.22 2.20 -0.12	51.70 2.37 0.00	49.66 2.36 0.00	43.89 1.97 0.00	39.21 1.65 0.00	35.90 1.38 0.00	32.05 1.14 0.00	28.80 1.08 0.00
ETNA____115KV_TB2 80207	27.10 0.92 0.00	24.91 0.84 0.00	23.82 0.76 0.00	22.00 0.62 0.00	21.61 0.65 0.00	23.07 0.78 0.00	23.88 0.81 0.00	25.98 0.78 0.00	28.26 0.74 0.00	29.84 0.73 0.00	30.96 0.90 0.00	33.59 1.07 0.00	36.52 1.30 0.00	38.79 1.38 0.00	41.16 1.35 0.00	44.01 1.57 0.00	49.22 2.20 -0.12	51.70 2.37 0.00	49.66 2.36 0.00	43.89 1.97 0.00	39.21 1.65 0.00	35.90 1.38 0.00	32.05 1.14 0.00	28.80 1.08 0.00
EUCLID____115KV_TB2 356179	26.06 -0.13 0.00	23.95 -0.12 0.00	22.94 -0.12 0.00	21.25 -0.13 0.00	20.85 -0.10 0.00	22.20 -0.09 0.00	22.98 -0.09 0.00	25.05 -0.15 0.00	27.30 -0.22 0.00	28.90 -0.20 0.00	29.97 -0.09 0.00	32.52 0.00 0.00	35.29 0.07 0.00	37.52 0.11 0.00	39.81 0.00 0.00	42.49 0.04 0.00	47.22 0.23 -0.09	49.53 0.20 0.00	47.44 0.14 0.00	41.97 0.04 0.00	37.52 -0.04 0.00	34.41 -0.10 0.00	30.78 -0.12 0.00	27.66 -0.06 0.00
E_CANADA_CAP_HY 24051	28.41 2.22 0.00	26.07 2.00 0.00	25.02 1.96 0.00	23.15 1.77 0.00	22.72 1.76 0.00	24.22 1.94 0.00	25.01 1.94 0.00	27.34 2.14 0.00	29.77 2.26 0.00	31.07 2.18 0.22	31.98 2.28 0.36	34.55 2.44 0.41	37.66 2.64 0.20	40.11 2.81 0.10	42.48 3.11 0.43	45.72 3.61 0.33	50.95 4.46 0.40	54.60 5.28 0.01	52.54 5.25 0.00	46.45 4.53 0.00	41.65 4.09 0.00	38.31 3.80 0.00	34.02 3.12 0.00	30.46 2.74 0.00
E_CANADA_MHWK_HY 24050	26.16 -0.03 0.00	24.05 -0.02 0.00	23.04 -0.02 0.00	21.32 -0.06 0.00	20.92 -0.04 0.00	22.24 -0.04 0.00	22.96 -0.11 0.00	25.02 -0.18 0.00	27.32 -0.19 0.00	28.93 -0.17 0.00	30.03 -0.03 0.00	32.52 0.00 0.00	35.25 0.04 0.00	37.52 0.11 0.00	39.69 -0.12 0.00	42.57 0.13 0.00	46.85 -0.05 0.00	49.24 -0.10 0.00	47.11 -0.19 0.00	41.59 -0.34 0.00	37.18 -0.38 0.00	34.21 -0.31 0.00	30.56 -0.34 0.00	27.42 -0.30 0.00
E_FISHKILL____LBMP 23776	27.68 1.49 0.00	25.44 1.37 0.00	24.33 1.27 0.00	22.62 1.24 0.00	22.03 1.07 0.00	23.42 1.14 0.00	24.37 1.29 0.00	26.78 1.59 0.00	29.39 1.87 0.00	31.34 1.92 -0.31	32.41 1.83 -0.52	34.96 1.85 -0.59	37.33 1.83 -0.28	39.47 1.91 -0.15	42.41 1.99 -0.62	45.21 2.29 -0.47	50.47 3.00 -0.58	53.01 3.65 -0.02	50.27 2.98 0.00	43.77 1.84 0.00	39.43 1.88 0.00	36.42 1.90 0.00	32.79 1.89 0.00	29.38 1.66 0.00
FALCON____SEABRD_CC1 323796	26.55 0.37 0.00	24.41 0.34 0.00	23.27 0.21 0.00	21.59 0.21 0.00	21.21 0.25 0.00	22.69 0.40 0.00	23.37 0.30 0.00	25.62 0.43 0.00	27.93 0.41 0.00	29.81 0.70 0.00	30.81 0.75 0.00	33.11 0.59 0.00	35.99 0.77 0.00	38.12 0.71 0.00	40.72 0.92 0.00	43.38 0.93 0.00	47.60 0.70 0.00	49.68 0.35 0.00	48.10 0.80 0.00	42.89 0.96 0.00	38.12 0.56 0.00	34.76 0.24 0.00	30.93 0.03 0.00	27.58 -0.14 0.00
FALCON____SEABRD_CC2 323797	26.55 0.37 0.00	24.41 0.34 0.00	23.27 0.21 0.00	21.59 0.21 0.00	21.21 0.25 0.00	22.69 0.40 0.00	23.37 0.30 0.00	25.62 0.43 0.00	27.93 0.41 0.00	29.81 0.70 0.00	30.81 0.75 0.00	33.11 0.59 0.00	35.99 0.77 0.00	38.12 0.71 0.00	40.72 0.92 0.00	43.38 0.93 0.00	47.60 0.70 0.00	49.68 0.35 0.00	48.10 0.80 0.00	42.89 0.96 0.00	38.12 0.56 0.00	34.76 0.24 0.00	30.93 0.03 0.00	27.58 -0.14 0.00
FAR ROCKAWAY____4 23548	33.38 2.70 -4.50	30.09 2.46 -3.56	25.32 2.26 0.00	23.56 2.18 0.00	22.89 1.93 0.00	24.36 2.07 0.00	25.40 2.31 -0.01	31.47 2.75 -3.52	33.28 3.19 -2.57	33.45 3.35 -0.99	33.65 3.10 -0.50	36.47 3.38 -0.57	38.91 3.42 -0.27	41.29 3.74 -0.14	44.46 4.06 -0.60	47.44 4.54 -0.45	53.03 5.58 -0.55	55.82 6.46 -0.02	52.73 5.44 0.00	45.52 3.61 0.00	40.97 3.42 0.00	37.79 3.28 0.00	34.12 3.21 0.00	31.86 3.08 -1.07
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	28.20 2.02 0.00	25.90 1.83 0.00	24.72 1.66 0.00	22.98 1.60 0.00	22.32 1.36 0.00	23.76 1.47 0.00	24.78 1.71 0.00	27.39 2.19 0.00	30.13 2.61 0.00	32.15 2.74 -0.30	33.24 2.68 -0.50	35.76 2.67 -0.57	38.13 2.64 -0.28	40.28 2.73 -0.14	43.23 2.83 -0.60	46.17 3.27 -0.46	51.53 4.08 -0.56	54.14 4.79 -0.02	51.27 3.97 0.00	44.40 2.47 0.00	40.03 2.48 0.00	37.07 2.55 0.00	33.53 2.63 0.00	29.99 2.27 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	28.20 2.02 0.00	25.93 1.85 0.00	24.72 1.66 0.00	22.98 1.60 0.00	22.34 1.38 0.00	23.76 1.47 0.00	24.78 1.71 0.00	27.39 2.19 0.00	30.13 2.61 0.00	32.15 2.74 -0.30	33.24 2.68 -0.50	35.76 2.67 -0.57	38.13 2.64 -0.28	40.28 2.73 -0.14	43.23 2.83 -0.60	46.17 3.27 -0.46	51.53 4.08 -0.56	54.14 4.79 -0.02	51.27 3.97 0.00	44.40 2.47 0.00	40.03 2.48 0.00	37.11 2.59 0.00	33.53 2.63 0.00	30.02 2.30 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	28.18 1.99 0.00	25.90 1.83 0.00	24.70 1.64 0.00	22.96 1.58 0.00	22.32 1.36 0.00	23.73 1.45 0.00	24.76 1.68 0.00	27.36 2.17 0.00	30.10 2.59 0.00	32.12 2.71 -0.30	33.21 2.65 -0.50	35.73 2.63 -0.57	38.10 2.61 -0.28	40.25 2.69 -0.14	43.19 2.79 -0.60	46.12 3.23 -0.46	51.49 4.03 -0.56	54.09 4.74 -0.02	51.22 3.93 0.00	44.36 2.43 0.00	39.99 2.44 0.00	37.04 2.52 0.00	33.50 2.60 0.00	29.99 2.27 0.00

FARRAGUT___LBMP 323566	28.15 1.96 0.00	25.88 1.81 0.00	24.67 1.61 0.00	22.94 1.56 0.00	22.30 1.34 0.00	23.73 1.45 0.00	24.74 1.66 0.00	27.34 2.14 0.00	30.08 2.56 0.00	32.09 2.68 -0.30	33.18 2.62 -0.50	35.69 2.60 -0.57	38.06 2.57 -0.28	40.21 2.66 -0.14	43.15 2.75 -0.60	46.04 3.14 -0.46	51.44 3.99 -0.56	54.04 4.69 -0.02	51.13 3.83 0.00	44.31 2.39 0.00	39.96 2.40 0.00	37.00 2.49 0.00	33.47 2.56 0.00	29.97 2.25 0.00
FENNER___WINDPWR 24204	26.79 0.60 0.00	24.60 0.53 0.00	23.57 0.51 0.00	21.77 0.39 0.00	21.38 0.42 0.00	22.80 0.51 0.00	23.67 0.60 0.00	25.75 0.55 0.00	28.07 0.55 0.00	29.66 0.55 0.00	30.72 0.66 0.00	33.40 0.88 0.00	36.31 1.09 0.00	38.68 1.27 0.00	41.00 1.19 0.00	43.89 1.44 0.00	48.76 1.78 -0.09	51.11 1.77 0.00	49.05 1.75 0.00	43.39 1.47 0.00	38.83 1.28 0.00	35.55 1.03 0.00	31.71 0.80 0.00	28.44 0.72 0.00
FIBERTEK___ENERGY 23856	26.37 0.18 0.00	24.26 0.19 0.00	23.22 0.16 0.00	21.49 0.11 0.00	21.08 0.13 0.00	22.46 0.18 0.00	23.26 0.18 0.00	25.35 0.15 0.00	27.65 0.14 0.00	29.25 0.15 0.00	30.39 0.33 0.00	32.98 0.46 0.00	35.78 0.56 0.00	38.04 0.64 0.00	40.32 0.52 0.00	43.12 0.68 0.00	48.05 0.94 -0.21	50.22 0.89 0.00	48.15 0.85 0.00	42.55 0.63 0.00	38.04 0.49 0.00	34.90 0.38 0.00	31.21 0.31 0.00	28.02 0.30 0.00
FITZPATRICK____ 23598	25.61 -0.58 0.00	23.52 -0.55 0.00	22.55 -0.51 0.00	20.89 -0.49 0.00	20.50 -0.46 0.00	21.82 -0.47 0.00	22.57 -0.51 0.00	24.59 -0.60 0.00	26.80 -0.72 0.00	28.35 -0.76 0.00	29.31 -0.75 0.00	31.84 -0.68 0.00	34.51 -0.70 0.00	36.66 -0.75 0.00	38.97 -0.84 0.00	41.55 -0.89 0.00	44.70 -0.84 1.35	48.40 -0.94 0.00	46.40 -0.90 0.00	41.04 -0.88 0.00	36.73 -0.83 0.00	33.76 -0.76 0.00	30.19 -0.71 0.00	27.14 -0.58 0.00
FLOWRFLD_69_KV_BK1 356044	34.16 2.93 -5.04	30.74 2.67 -3.99	25.53 2.47 0.00	23.73 2.35 0.00	23.05 2.10 0.00	24.54 2.25 0.00	25.65 2.56 -0.02	32.17 3.02 -3.95	33.84 3.44 -2.88	33.68 3.49 -1.08	33.23 2.68 -0.50	36.14 3.06 -0.56	38.44 2.96 -0.27	40.84 3.29 -0.14	45.90 3.38 -2.71	46.67 3.78 -0.45	52.28 4.83 -0.55	55.32 5.97 -0.01	52.21 4.92 0.01	44.98 3.06 0.01	40.94 3.30 -0.08	37.65 3.14 0.00	34.03 3.12 0.00	32.12 3.22 -1.19
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	28.02 1.83 0.00	25.78 1.71 0.00	24.63 1.57 0.00	22.90 1.52 0.00	22.24 1.28 0.00	23.62 1.34 0.00	24.57 1.50 0.00	26.86 1.66 0.00	29.47 1.95 0.00	31.35 2.01 -0.23	32.37 1.92 -0.38	34.94 1.98 -0.43	37.47 2.04 -0.21	39.73 2.21 -0.11	42.65 2.39 -0.46	45.46 2.67 -0.35	50.88 3.56 -0.42	53.59 4.24 -0.02	50.84 3.55 0.00	44.23 2.31 0.00	39.84 2.29 0.00	36.76 2.24 0.00	33.07 2.16 0.00	29.63 1.91 0.00
FORT ORANGE____ 23900	26.84 0.65 0.00	24.70 0.62 0.00	23.73 0.67 0.00	22.04 0.66 0.00	21.54 0.59 0.00	22.86 0.58 0.00	23.70 0.62 0.00	25.93 0.73 0.00	28.37 0.85 0.00	29.64 0.84 0.31	30.38 0.84 0.52	32.71 0.78 0.59	35.71 0.77 0.28	38.12 0.86 0.15	40.14 0.95 0.62	43.16 1.19 0.47	48.01 1.69 0.57	51.54 2.22 0.02	49.19 1.89 0.00	43.18 1.26 0.00	38.79 1.24 0.00	35.69 1.17 0.00	31.95 1.05 0.00	28.61 0.89 0.00
FORT_DRUM_COGEN 23780	26.45 0.26 0.00	24.29 0.22 0.00	23.24 0.18 0.00	21.42 0.04 0.00	21.04 0.08 0.00	22.49 0.20 0.00	23.44 0.37 0.00	25.30 0.10 0.00	27.46 -0.06 0.00	29.11 0.00 0.00	30.09 0.03 0.00	32.72 0.20 0.00	35.61 0.39 0.00	38.04 0.64 0.00	40.48 0.68 0.00	43.38 0.93 0.00	48.30 1.22 -0.18	50.18 0.84 0.00	48.57 1.28 0.00	43.35 1.43 0.00	38.91 1.35 0.00	35.41 0.90 0.00	31.37 0.46 0.00	28.02 0.30 0.00
FPL_FAR_ROCK_GT1 24212	33.38 2.70 -4.50	30.09 2.46 -3.56	25.34 2.28 0.00	23.54 2.16 0.00	22.99 2.03 0.00	24.36 2.07 0.00	25.40 2.31 -0.01	31.47 2.75 -3.52	33.28 3.19 -2.57	33.45 3.35 -0.99	33.84 3.28 -0.50	36.47 3.38 -0.57	38.94 3.45 -0.27	41.29 3.74 -0.14	44.50 4.10 -0.60	47.44 4.54 -0.45	53.03 5.58 -0.55	55.86 6.51 -0.02	52.73 5.44 0.00	45.53 3.61 0.00	40.97 3.42 0.00	37.79 3.28 0.00	34.12 3.21 0.00	31.86 3.08 -1.07
FPL_FAR_ROCK_GT2 23815	33.38 2.70 -4.50	30.09 2.46 -3.56	25.34 2.28 0.00	23.54 2.16 0.00	22.99 2.03 0.00	24.36 2.07 0.00	25.40 2.31 -0.01	31.47 2.75 -3.52	33.28 3.19 -2.57	33.45 3.35 -0.99	33.84 3.28 -0.50	36.47 3.38 -0.57	38.94 3.45 -0.27	41.29 3.74 -0.14	44.50 4.10 -0.60	47.44 4.54 -0.45	53.03 5.58 -0.55	55.86 6.51 -0.02	52.73 5.44 0.00	45.53 3.61 0.00	40.97 3.42 0.00	37.79 3.28 0.00	34.12 3.21 0.00	31.86 3.08 -1.07
FRANKLIN_FALL_HYD 24054	26.00 -0.18 0.00	23.88 -0.19 0.00	22.76 -0.30 0.00	21.12 -0.26 0.00	20.81 -0.15 0.00	22.20 -0.09 0.00	22.89 -0.18 0.00	25.07 -0.13 0.00	27.35 -0.17 0.00	29.20 0.09 0.00	30.15 0.09 0.00	32.49 -0.03 0.00	35.36 0.14 0.00	37.45 0.04 0.00	39.93 0.12 0.00	42.66 0.21 0.00	46.66 -0.23 0.00	48.60 -0.74 0.00	47.15 -0.14 0.00	42.13 0.21 0.00	37.52 -0.04 0.00	34.17 -0.35 0.00	30.44 -0.46 0.00	27.11 -0.61 0.00
FREEPORT_EQUS_GT1 23764	33.27 2.54 -4.55	29.99 2.31 -3.60	25.23 2.17 0.00	23.41 2.03 0.00	22.89 1.93 0.00	24.25 1.96 0.00	25.28 2.19 -0.01	31.38 2.62 -3.56	33.14 3.03 -2.60	33.29 3.17 -1.00	33.56 3.01 -0.50	36.11 3.02 -0.57	38.52 3.03 -0.27	40.84 3.29 -0.14	44.02 3.62 -0.60	46.88 3.99 -0.45	52.37 4.92 -0.55	55.22 5.87 -0.02	52.16 4.87 0.00	45.07 3.15 0.00	40.63 3.08 0.00	37.45 2.93 0.00	33.87 2.97 0.00	31.65 2.86 -1.07
FREEPORT___CT2 23818	33.27 2.54 -4.55	29.99 2.31 -3.60	25.23 2.17 0.00	23.41 2.03 0.00	22.89 1.93 0.00	24.25 1.96 0.00	25.28 2.19 -0.01	31.38 2.62 -3.56	33.14 3.03 -2.60	33.29 3.17 -1.00	33.56 3.01 -0.50	36.11 3.02 -0.57	38.52 3.03 -0.27	40.84 3.29 -0.14	44.02 3.62 -0.60	46.88 3.99 -0.45	52.37 4.92 -0.55	55.22 5.87 -0.02	52.16 4.87 0.00	45.07 3.15 0.00	40.63 3.08 0.00	37.45 2.93 0.00	33.87 2.97 0.00	31.65 2.86 -1.07
FRESHKLS_33_KV_LOAD 356253	28.42 2.23 -0.01	26.10 2.02 -0.01	24.87 1.80 -0.01	23.14 1.75 -0.01	22.43 1.47 0.00	23.69 1.40 0.00	24.57 1.50 0.00	27.33 2.14 0.01	30.09 2.59 0.01	33.81 2.79 -1.90	35.31 2.77 -2.48	35.75 2.67 -0.56	38.16 2.68 -0.27	40.20 2.66 -0.14	43.14 2.75 -0.59	46.12 3.23 -0.45	51.43 3.99 -0.55	54.04 4.69 -0.01	51.21 3.93 0.01	44.22 2.31 0.01	40.17 2.63 0.01	37.26 2.73 -0.02	35.73 2.84 -1.98	30.20 2.47 -0.02
FULTON COGEN____ 23766	26.03 -0.16 0.00	23.93 -0.14 0.00	22.92 -0.14 0.00	21.23 -0.15 0.00	20.83 -0.13 0.00	22.17 -0.11 0.00	22.96 -0.12 0.00	24.99 -0.20 0.00	27.27 -0.25 0.00	28.85 -0.26 0.00	29.91 -0.15 0.00	32.46 -0.07 0.00	35.18 -0.04 0.00	37.41 0.00 0.00	39.69 -0.12 0.00	42.44 0.00 0.00	47.43 0.14 -0.39	49.44 0.10 0.00	47.39 0.09 0.00	41.88 -0.04 0.00	37.44 -0.11 0.00	34.38 -0.14 0.00	30.78 -0.12 0.00	27.66 -0.06 0.00

FULTON___LFGE 323630	28.78 2.59 0.00	26.43 2.36 0.00	25.36 2.31 0.00	23.48 2.10 0.00	23.03 2.08 0.00	24.58 2.30 0.00	25.45 2.38 0.00	27.92 2.72 0.00	30.32 2.81 0.00	31.54 2.68 0.24	32.99 3.34 0.41	35.60 3.55 0.46	38.76 3.77 0.22	41.44 4.15 0.12	43.22 3.90 0.49	47.85 5.77 0.37	52.02 5.58 0.45	56.18 6.86 0.02	54.11 6.81 0.00	47.84 5.91 0.00	42.74 5.18 0.00	39.17 4.66 0.00	34.64 3.74 0.00	31.10 3.38 0.00
G.F.CEMENT___DRP 24184	27.44 1.26 0.00	25.20 1.13 0.00	24.21 1.15 0.00	22.45 1.07 0.00	21.94 0.99 0.00	23.40 1.11 0.00	24.25 1.18 0.00	26.66 1.46 0.00	29.08 1.57 0.00	30.26 1.51 0.36	30.86 1.41 0.61	33.43 1.59 0.69	36.51 1.62 0.33	39.07 1.83 0.17	41.07 1.99 0.72	44.31 2.42 0.55	49.27 3.05 0.67	53.21 3.90 0.02	51.08 3.78 0.00	45.03 3.10 0.00	40.37 2.82 0.00	37.17 2.66 0.00	33.07 2.16 0.00	29.52 1.80 0.00
GARDENVILLE___LBMP 24039	27.63 1.44 0.00	25.37 1.30 0.00	24.19 1.13 0.00	22.17 0.79 0.00	21.82 0.86 0.00	23.40 1.11 0.00	24.09 1.02 0.00	25.80 0.60 0.00	27.71 0.19 0.00	29.34 0.23 0.00	30.93 0.87 0.00	33.50 0.98 0.00	36.70 1.48 0.00	38.83 1.42 0.00	41.12 1.31 0.00	43.34 0.89 0.00	48.54 1.64 0.00	50.92 1.58 0.00	48.90 1.61 0.00	43.43 1.51 0.00	38.53 0.98 0.00	35.48 0.97 0.00	31.58 0.68 0.00	29.00 1.28 0.00
GARDNVLA_35_KV_LD 355827	27.73 1.54 0.00	25.47 1.40 0.00	24.30 1.25 0.00	22.26 0.88 0.00	21.90 0.94 0.00	23.51 1.23 0.00	24.18 1.11 0.00	25.90 0.71 0.00	27.82 0.30 0.00	29.49 0.38 0.00	31.08 1.02 0.00	33.66 1.14 0.00	36.91 1.69 0.00	39.05 1.65 0.00	41.36 1.55 0.00	43.59 1.15 0.00	48.86 1.97 0.00	51.21 1.87 0.00	49.19 1.89 0.00	43.68 1.76 0.00	38.72 1.16 0.00	35.66 1.14 0.00	31.74 0.83 0.00	29.16 1.44 0.00
GELCKHM___115KV_LOAD 80723	26.19 0.00 0.00	24.07 0.00 0.00	23.04 -0.02 0.00	21.34 -0.04 0.00	20.94 -0.02 0.00	22.29 0.00 0.00	23.08 0.00 0.00	25.15 -0.05 0.00	27.43 -0.08 0.00	29.02 -0.09 0.00	30.12 0.06 0.00	32.68 0.16 0.00	35.46 0.25 0.00	37.67 0.26 0.00	40.00 0.20 0.00	42.70 0.25 0.00	47.55 0.52 -0.14	49.78 0.44 0.00	47.72 0.43 0.00	42.18 0.25 0.00	37.70 0.15 0.00	34.59 0.07 0.00	30.93 0.03 0.00	27.78 0.06 0.00
GENERAL___MILLS 23808	27.68 1.49 0.00	25.42 1.35 0.00	24.26 1.20 0.00	22.24 0.86 0.00	21.86 0.90 0.00	23.47 1.18 0.00	24.14 1.06 0.00	25.85 0.66 0.00	27.76 0.25 0.00	29.43 0.32 0.00	30.99 0.93 0.00	33.59 1.07 0.00	36.84 1.62 0.00	38.94 1.53 0.00	41.24 1.43 0.00	43.46 1.02 0.00	48.68 1.78 0.00	51.06 1.73 0.00	49.05 1.75 0.00	43.56 1.64 0.00	38.64 1.09 0.00	35.55 1.04 0.00	31.64 0.74 0.00	29.08 1.36 0.00
GE_PLASTICS___DRP 24183	26.87 0.68 0.00	24.70 0.63 0.00	23.70 0.65 0.00	22.04 0.66 0.00	21.50 0.54 0.00	22.86 0.58 0.00	23.70 0.62 0.00	25.93 0.73 0.00	28.37 0.85 0.00	29.70 0.84 0.25	30.42 0.78 0.42	32.86 0.81 0.48	35.76 0.77 0.23	38.15 0.86 0.12	40.22 0.92 0.50	43.17 1.10 0.38	47.97 1.55 0.47	51.34 2.02 0.02	49.00 1.70 0.00	43.01 1.09 0.00	38.64 1.09 0.00	35.59 1.07 0.00	31.89 0.99 0.00	28.58 0.86 0.00
GILBOA___1 23756	27.02 0.84 0.00	24.84 0.77 0.00	23.89 0.83 0.00	22.19 0.81 0.00	21.73 0.78 0.00	23.06 0.78 0.00	23.84 0.76 0.00	26.08 0.88 0.00	28.53 1.02 0.00	30.13 1.02 0.00	31.11 1.05 0.00	33.53 1.01 0.00	36.27 1.06 0.00	38.49 1.09 0.00	40.92 1.11 0.00	43.63 1.19 0.00	48.54 1.64 0.00	51.41 2.07 0.00	49.00 1.70 0.00	43.10 1.17 0.00	38.72 1.17 0.00	35.65 1.14 0.00	31.98 1.08 0.00	28.69 0.97 0.00
GILBOA___2 23757	27.02 0.84 0.00	24.84 0.77 0.00	23.89 0.83 0.00	22.19 0.81 0.00	21.73 0.78 0.00	23.06 0.78 0.00	23.84 0.76 0.00	26.08 0.88 0.00	28.53 1.02 0.00	30.13 1.02 0.00	31.11 1.05 0.00	33.53 1.01 0.00	36.27 1.06 0.00	38.49 1.09 0.00	40.92 1.11 0.00	43.63 1.19 0.00	48.54 1.64 0.00	51.41 2.07 0.00	49.00 1.70 0.00	43.10 1.17 0.00	38.72 1.17 0.00	35.65 1.14 0.00	31.98 1.08 0.00	28.69 0.97 0.00
GILBOA___3 23758	27.02 0.84 0.00	24.84 0.77 0.00	23.89 0.83 0.00	22.19 0.81 0.00	21.73 0.78 0.00	23.06 0.78 0.00	23.84 0.76 0.00	26.08 0.88 0.00	28.53 1.02 0.00	30.13 1.02 0.00	31.11 1.05 0.00	33.53 1.01 0.00	36.27 1.06 0.00	38.49 1.09 0.00	40.92 1.11 0.00	43.63 1.19 0.00	48.54 1.64 0.00	51.41 2.07 0.00	49.00 1.70 0.00	43.10 1.17 0.00	38.72 1.17 0.00	35.65 1.14 0.00	31.98 1.08 0.00	28.69 0.97 0.00
GILBOA___4 23759	27.02 0.84 0.00	24.84 0.77 0.00	23.89 0.83 0.00	22.19 0.81 0.00	21.73 0.78 0.00	23.06 0.78 0.00	23.84 0.76 0.00	26.08 0.88 0.00	28.53 1.02 0.00	30.13 1.02 0.00	31.11 1.05 0.00	33.53 1.01 0.00	36.27 1.06 0.00	38.49 1.09 0.00	40.92 1.11 0.00	43.63 1.19 0.00	48.54 1.64 0.00	51.41 2.07 0.00	49.00 1.70 0.00	43.10 1.17 0.00	38.72 1.17 0.00	35.65 1.14 0.00	31.98 1.08 0.00	28.69 0.97 0.00
GILBOA___ 23599	27.02 0.84 0.00	24.84 0.77 0.00	23.89 0.83 0.00	22.19 0.81 0.00	21.67 0.71 0.00	23.07 0.78 0.00	23.84 0.76 0.00	26.08 0.88 0.00	28.53 1.02 0.00	30.13 1.02 0.00	31.05 0.99 0.00	33.53 1.01 0.00	36.24 1.02 0.00	38.49 1.08 0.00	40.92 1.11 0.00	43.63 1.19 0.00	48.54 1.64 0.00	51.41 2.07 0.00	49.00 1.70 0.00	43.10 1.17 0.00	38.72 1.16 0.00	35.66 1.14 0.00	31.98 1.08 0.00	28.69 0.97 0.00
GINNA___ 23603	25.61 -0.58 0.00	23.49 -0.58 0.00	22.46 -0.60 0.00	20.65 -0.73 0.00	20.27 -0.69 0.00	21.68 -0.60 0.00	22.43 -0.65 0.00	24.31 -0.88 0.00	26.47 -1.05 0.00	28.03 -1.08 0.00	28.89 -1.17 0.00	31.81 -0.72 0.00	34.58 -0.63 0.00	36.77 -0.64 0.00	39.09 -0.72 0.00	41.43 -1.02 0.00	46.24 -0.66 0.00	48.65 -0.69 0.00	46.59 -0.71 0.00	41.34 -0.59 0.00	36.76 -0.79 0.00	33.72 -0.79 0.00	30.10 -0.80 0.00	27.19 -0.53 0.00
GLEN PARK___ 23778	26.63 0.44 0.00	24.41 0.34 0.00	23.41 0.35 0.00	21.53 0.15 0.00	21.17 0.21 0.00	22.62 0.33 0.00	23.61 0.53 0.00	25.45 0.25 0.00	27.57 0.06 0.00	29.22 0.12 0.00	30.24 0.18 0.00	32.91 0.39 0.00	35.85 0.63 0.00	38.31 0.90 0.00	40.68 0.87 0.00	43.72 1.27 0.00	48.68 1.60 -0.19	50.57 1.23 0.00	49.00 1.70 0.00	43.77 1.84 0.00	39.28 1.73 0.00	35.72 1.21 0.00	31.61 0.71 0.00	28.25 0.53 0.00
GLENDALE_27_KV_LOAD 356172	28.39 2.20 0.00	26.09 2.02 0.00	24.88 1.82 0.00	23.13 1.75 0.00	22.45 1.49 0.00	23.82 1.54 0.00	24.81 1.73 0.00	27.54 2.34 0.00	30.30 2.78 0.00	32.39 2.97 -0.31	34.11 2.92 -1.14	35.95 2.86 -0.57	38.38 2.89 -0.28	40.51 2.96 -0.14	43.35 2.95 -0.60	46.34 3.44 -0.46	51.62 4.17 -0.55	54.23 4.88 -0.01	51.36 4.07 0.01	44.40 2.47 0.00	40.26 2.70 0.00	37.35 2.83 0.00	33.82 2.90 -0.01	30.19 2.47 0.00

GLENWOOD_IC_1_G5 23712	32.11 2.23 -3.70	29.04 2.05 -2.92	24.93 1.87 0.00	23.18 1.80 0.00	22.53 1.57 0.00	23.98 1.69 0.00	25.00 1.92 -0.01	30.43 2.34 -2.89	32.38 2.75 -2.11	32.86 2.88 -0.87	33.30 2.74 -0.51	35.99 2.89 -0.57	38.17 2.68 -0.28	40.44 2.88 -0.15	43.47 3.07 -0.60	46.34 3.44 -0.46	51.77 4.31 -0.56	54.44 5.08 -0.02	51.51 4.21 0.00	44.57 2.64 0.00	40.15 2.59 0.00	37.07 2.55 0.00	33.62 2.72 0.00	31.12 2.52 -0.87
GLENWOOD_IC_2_G1 23688	33.55 2.17 -5.19	30.16 1.97 -4.11	24.95 1.89 0.00	23.15 1.77 0.00	22.64 1.68 0.00	23.96 1.67 0.00	24.98 1.89 -0.02	31.56 2.29 -4.07	33.15 2.67 -2.97	33.01 2.79 -1.11	33.17 2.61 -0.50	35.69 2.60 -0.56	38.06 2.57 -0.27	40.31 2.77 -0.14	43.42 3.02 -0.59	46.24 3.35 -0.45	51.67 4.22 -0.55	54.38 5.03 -0.01	51.40 4.11 0.01	44.43 2.52 0.01	40.02 2.48 0.01	36.92 2.42 0.01	33.37 2.47 0.00	31.38 2.44 -1.22
GLENWOOD_IC_3_G1 23689	33.55 2.17 -5.19	30.16 1.97 -4.11	24.95 1.89 0.00	23.15 1.77 0.00	22.64 1.68 0.00	23.96 1.67 0.00	24.98 1.89 -0.02	31.56 2.29 -4.07	33.15 2.67 -2.97	33.01 2.79 -1.11	33.17 2.61 -0.50	35.69 2.60 -0.56	38.06 2.57 -0.27	40.31 2.77 -0.14	43.42 3.02 -0.59	46.24 3.35 -0.45	51.67 4.22 -0.55	54.38 5.03 -0.01	51.40 4.11 0.01	44.43 2.52 0.01	40.02 2.48 0.01	36.92 2.42 0.01	33.37 2.47 0.00	31.38 2.44 -1.22
GLENWOOD___4 23550	32.11 2.23 -3.70	29.04 2.05 -2.92	24.93 1.87 0.00	23.18 1.80 0.00	22.53 1.57 0.00	23.98 1.69 0.00	25.00 1.92 -0.01	30.43 2.34 -2.89	32.38 2.75 -2.11	32.86 2.88 -0.87	33.30 2.74 -0.51	35.99 2.89 -0.57	38.28 2.78 -0.28	40.51 2.96 -0.15	43.55 3.14 -0.60	46.47 3.57 -0.46	51.91 4.46 -0.56	54.59 5.23 -0.02	51.65 4.35 0.00	44.69 2.77 0.00	40.26 2.70 0.00	37.18 2.66 0.00	33.62 2.72 0.00	31.12 2.52 -0.87
GLENWOOD___5 23614	32.11 2.23 -3.70	29.04 2.05 -2.92	24.93 1.87 0.00	23.18 1.80 0.00	22.53 1.57 0.00	23.98 1.69 0.00	25.00 1.92 -0.01	30.43 2.34 -2.89	32.38 2.75 -2.11	32.86 2.88 -0.87	33.30 2.74 -0.51	35.99 2.89 -0.57	38.28 2.78 -0.28	40.51 2.96 -0.15	43.55 3.14 -0.60	46.47 3.57 -0.46	51.91 4.46 -0.56	54.59 5.23 -0.02	51.65 4.35 0.00	44.69 2.77 0.00	40.26 2.70 0.00	37.18 2.66 0.00	33.62 2.72 0.00	31.12 2.52 -0.87
GLOBAL GREEN_PORT_GT1 23814	35.29 4.06 -5.05	31.73 3.66 -4.00	26.47 3.41 0.00	24.54 3.16 0.00	24.00 3.04 0.00	25.40 3.12 0.00	26.57 3.48 -0.02	33.16 4.01 -3.96	35.11 4.70 -2.89	35.02 4.83 -1.08	35.27 4.72 -0.50	38.13 5.04 -0.56	40.74 5.25 -0.27	43.23 5.68 -0.14	49.32 6.33 -3.19	49.60 6.70 -0.45	55.42 7.97 -0.55	58.78 9.43 -0.01	55.47 8.18 0.01	47.74 5.83 0.01	43.10 5.44 -0.10	39.52 5.00 0.00	35.60 4.70 0.00	33.43 4.52 -1.19
GLOBE___DSASP 323697	26.68 0.50 0.00	24.51 0.43 0.00	23.40 0.35 0.00	21.44 0.06 0.00	21.11 0.15 0.00	22.62 0.33 0.00	23.28 0.21 0.00	24.87 -0.33 0.00	26.66 -0.85 0.00	28.23 -0.87 0.00	29.70 -0.36 0.00	32.13 -0.39 0.00	35.15 -0.07 0.00	37.11 -0.30 0.00	39.41 -0.40 0.00	41.38 -1.06 0.00	46.38 -0.52 0.00	48.60 -0.74 0.00	46.73 -0.57 0.00	41.55 -0.38 0.00	36.95 -0.60 0.00	34.07 -0.45 0.00	30.38 -0.53 0.00	28.02 0.30 0.00
GOETHSLN___LBMP 323567	28.02 1.83 0.00	25.76 1.69 0.00	24.56 1.50 0.00	22.83 1.45 0.00	22.17 1.22 0.00	23.62 1.34 0.00	24.64 1.57 0.00	27.24 2.04 0.00	29.97 2.45 0.00	31.97 2.56 -0.30	33.03 2.46 -0.50	35.53 2.44 -0.57	37.85 2.36 -0.28	39.99 2.43 -0.14	42.87 2.47 -0.60	45.79 2.89 -0.46	51.16 3.70 -0.56	53.75 4.39 -0.02	50.84 3.55 0.00	44.02 2.10 0.00	39.69 2.14 0.00	36.79 2.28 0.00	33.28 2.38 0.00	29.83 2.11 0.00
GOLAH___69_KV_TB 1_2 80279	27.31 1.13 0.00	25.13 1.06 0.00	24.00 0.95 0.00	22.02 0.64 0.00	21.63 0.67 0.00	23.15 0.87 0.00	23.91 0.83 0.00	25.78 0.58 0.00	27.87 0.36 0.00	29.52 0.41 0.00	30.99 0.93 0.00	33.63 1.11 0.00	36.63 1.41 0.00	38.83 1.42 0.00	41.08 1.27 0.00	43.59 1.15 0.00	48.44 1.55 0.00	50.96 1.63 0.00	48.95 1.66 0.00	43.43 1.51 0.00	38.64 1.09 0.00	35.55 1.04 0.00	31.68 0.77 0.00	28.86 1.14 0.00
GOODYEAR_LAKE_HYD 323669	27.57 1.39 0.00	25.32 1.25 0.00	24.26 1.20 0.00	22.45 1.07 0.00	21.96 1.01 0.00	23.44 1.16 0.00	24.34 1.27 0.00	26.53 1.34 0.00	28.92 1.40 0.00	30.56 1.46 0.00	31.62 1.56 0.00	34.21 1.69 0.00	37.15 1.94 0.00	39.50 2.09 0.00	42.00 2.19 0.00	44.86 2.42 0.00	49.85 2.95 0.00	52.59 3.26 0.00	50.42 3.12 0.00	44.44 2.52 0.00	39.84 2.29 0.00	36.55 2.04 0.00	32.66 1.76 0.00	29.30 1.58 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	27.02 0.84 0.00	24.82 0.75 0.00	23.75 0.69 0.00	21.91 0.53 0.00	21.50 0.54 0.00	22.98 0.69 0.00	23.77 0.69 0.00	25.85 0.66 0.00	28.12 0.61 0.00	29.72 0.61 0.00	30.87 0.81 0.00	33.50 0.98 0.00	36.38 1.16 0.00	38.57 1.16 0.00	40.92 1.11 0.00	43.59 1.15 0.00	48.66 1.69 -0.08	51.16 1.83 0.00	49.05 1.75 0.00	43.27 1.34 0.00	38.68 1.13 0.00	35.55 1.04 0.00	31.74 0.83 0.00	28.63 0.91 0.00
GOUDEY___7 23579	27.05 0.86 0.00	24.84 0.77 0.00	23.75 0.69 0.00	21.94 0.56 0.00	21.52 0.57 0.00	23.00 0.71 0.00	23.79 0.72 0.00	25.88 0.68 0.00	28.15 0.63 0.00	29.75 0.64 0.00	30.93 0.87 0.00	33.53 1.01 0.00	36.45 1.23 0.00	38.64 1.23 0.00	40.96 1.15 0.00	43.63 1.19 0.00	48.75 1.78 -0.08	51.26 1.92 0.00	49.14 1.84 0.00	43.35 1.43 0.00	38.72 1.16 0.00	35.59 1.07 0.00	31.77 0.87 0.00	28.66 0.94 0.00
GOUDEY___8 23580	27.02 0.84 0.00	24.82 0.75 0.00	23.75 0.69 0.00	21.91 0.53 0.00	21.50 0.54 0.00	22.98 0.69 0.00	23.77 0.69 0.00	25.85 0.66 0.00	28.12 0.61 0.00	29.72 0.61 0.00	30.87 0.81 0.00	33.50 0.98 0.00	36.38 1.16 0.00	38.57 1.16 0.00	40.92 1.11 0.00	43.59 1.15 0.00	48.66 1.69 -0.08	51.16 1.83 0.00	49.05 1.75 0.00	43.27 1.34 0.00	38.68 1.13 0.00	35.55 1.04 0.00	31.74 0.83 0.00	28.63 0.91 0.00
GOWANUS_GT1_1 24077	28.42 2.23 -0.01	26.13 2.05 -0.01	24.91 1.84 -0.01	23.16 1.77 -0.01	22.47 1.51 0.00	23.78 1.49 0.00	24.71 1.64 0.00	27.46 2.27 0.00	30.24 2.72 0.00	35.50 2.94 -3.46	37.99 2.92 -5.02	35.95 2.86 -0.57	38.35 2.85 -0.28	40.43 2.88 -0.14	43.35 2.95 -0.60	46.35 3.40 -0.51	84.35 4.13 -33.33	83.53 4.83 -29.36	78.75 4.07 -27.39	44.36 2.43 0.00	40.35 2.74 -0.06	37.40 2.83 -0.06	37.70 2.90 -3.89	30.23 2.49 -0.02
GOWANUS_GT1_2 24078	28.42 2.23 -0.01	26.13 2.05 -0.01	24.91 1.84 -0.01	23.16 1.77 -0.01	22.47 1.51 0.00	23.78 1.49 0.00	24.71 1.64 0.00	27.46 2.27 0.00	30.24 2.72 0.00	35.50 2.94 -3.46	37.99 2.92 -5.02	35.95 2.86 -0.57	38.35 2.85 -0.28	40.43 2.88 -0.14	43.35 2.95 -0.60	46.35 3.40 -0.51	84.35 4.13 -33.33	83.53 4.83 -29.36	78.75 4.07 -27.39	44.36 2.43 0.00	40.35 2.74 -0.06	37.40 2.83 -0.06	37.70 2.90 -3.89	30.23 2.49 -0.02

GOWANUS_GT1_3 24079	28.42 2.23 -0.01	26.13 2.05 -0.01	24.91 1.84 -0.01	23.16 1.77 -0.01	22.47 1.51 0.00	23.78 1.49 0.00	24.71 1.64 0.00	27.46 2.27 0.00	30.24 2.72 0.00	35.50 2.94 -3.46	37.99 2.92 -5.02	35.95 2.86 -0.57	38.35 2.85 -0.28	40.43 2.88 -0.14	43.35 2.95 -0.60	46.35 3.40 -0.51	84.35 4.13 -33.33	83.53 4.83 -29.36	78.75 4.07 -27.39	44.36 2.43 0.00	40.35 2.74 -0.06	37.40 2.83 -0.06	37.70 2.90 -3.89	30.23 2.49 -0.02
GOWANUS_GT1_4 24080	28.42 2.23 -0.01	26.13 2.05 -0.01	24.91 1.84 -0.01	23.16 1.77 -0.01	22.47 1.51 0.00	23.78 1.49 0.00	24.71 1.64 0.00	27.46 2.27 0.00	30.24 2.72 0.00	35.50 2.94 -3.46	37.99 2.92 -5.02	35.95 2.86 -0.57	38.35 2.85 -0.28	40.43 2.88 -0.14	43.35 2.95 -0.60	46.35 3.40 -0.51	84.35 4.13 -33.33	83.53 4.83 -29.36	78.75 4.07 -27.39	44.36 2.43 0.00	40.35 2.74 -0.06	37.40 2.83 -0.06	37.70 2.90 -3.89	30.23 2.49 -0.02
GOWANUS_GT1_5 24084	28.42 2.23 -0.01	26.13 2.05 -0.01	24.91 1.84 -0.01	23.16 1.77 -0.01	22.47 1.51 0.00	23.78 1.49 0.00	24.71 1.64 0.00	27.46 2.27 0.00	30.24 2.72 0.00	35.50 2.94 -3.46	37.99 2.92 -5.02	35.95 2.86 -0.57	38.35 2.85 -0.28	40.43 2.88 -0.14	43.35 2.95 -0.60	46.35 3.40 -0.51	84.35 4.13 -33.33	83.53 4.83 -29.36	78.75 4.07 -27.39	44.36 2.43 0.00	40.35 2.74 -0.06	37.40 2.83 -0.06	37.70 2.90 -3.89	30.23 2.49 -0.02
GOWANUS_GT1_6 24111	28.42 2.23 -0.01	26.13 2.05 -0.01	24.91 1.84 -0.01	23.16 1.77 -0.01	22.47 1.51 0.00	23.78 1.49 0.00	24.71 1.64 0.00	27.46 2.27 0.00	30.24 2.72 0.00	35.50 2.94 -3.46	37.99 2.92 -5.02	35.95 2.86 -0.57	38.35 2.85 -0.28	40.43 2.88 -0.14	43.35 2.95 -0.60	46.35 3.40 -0.51	84.35 4.13 -33.33	83.53 4.83 -29.36	78.75 4.07 -27.39	44.36 2.43 0.00	40.35 2.74 -0.06	37.40 2.83 -0.06	37.70 2.90 -3.89	30.23 2.49 -0.02
GOWANUS_GT1_7 24112	28.42 2.23 -0.01	26.13 2.05 -0.01	24.91 1.84 -0.01	23.16 1.77 -0.01	22.47 1.51 0.00	23.78 1.49 0.00	24.71 1.64 0.00	27.46 2.27 0.00	30.24 2.72 0.00	35.50 2.94 -3.46	37.99 2.92 -5.02	35.95 2.86 -0.57	38.35 2.85 -0.28	40.43 2.88 -0.14	43.35 2.95 -0.60	46.35 3.40 -0.51	84.35 4.13 -33.33	83.53 4.83 -29.36	78.75 4.07 -27.39	44.36 2.43 0.00	40.35 2.74 -0.06	37.40 2.83 -0.06	37.70 2.90 -3.89	30.23 2.49 -0.02
GOWANUS_GT1_8 24113	28.42 2.23 -0.01	26.13 2.05 -0.01	24.91 1.84 -0.01	23.16 1.77 -0.01	22.47 1.51 0.00	23.78 1.49 0.00	24.71 1.64 0.00	27.46 2.27 0.00	30.24 2.72 0.00	35.50 2.94 -3.46	37.99 2.92 -5.02	35.95 2.86 -0.57	38.35 2.85 -0.28	40.43 2.88 -0.14	43.35 2.95 -0.60	46.35 3.40 -0.51	84.35 4.13 -33.33	83.53 4.83 -29.36	78.75 4.07 -27.39	44.36 2.43 0.00	40.35 2.74 -0.06	37.40 2.83 -0.06	37.70 2.90 -3.89	30.23 2.49 -0.02
GOWANUS_GT2_1 24114	28.42 2.22 -0.01	26.10 2.02 -0.01	24.91 1.85 -0.01	23.16 1.77 -0.01	22.59 1.64 0.00	23.78 1.49 0.00	24.71 1.64 0.00	27.47 2.27 0.00	30.24 2.72 0.00	35.50 2.94 -3.46	38.14 3.07 -5.02	35.95 2.86 -0.57	38.38 2.89 -0.28	40.47 2.92 -0.14	43.31 2.90 -0.60	46.35 3.40 -0.51	84.35 4.13 -33.33	83.58 4.89 -29.36	78.65 3.97 -27.39	44.35 2.43 0.00	40.35 2.74 -0.06	37.40 2.83 -0.06	37.70 2.90 -3.89	30.23 2.50 -0.02
GOWANUS_GT2_2 24115	28.42 2.22 -0.01	26.10 2.02 -0.01	24.91 1.85 -0.01	23.16 1.77 -0.01	22.59 1.64 0.00	23.78 1.49 0.00	24.71 1.64 0.00	27.47 2.27 0.00	30.24 2.72 0.00	35.50 2.94 -3.46	38.14 3.07 -5.02	35.95 2.86 -0.57	38.38 2.89 -0.28	40.47 2.92 -0.14	43.31 2.90 -0.60	46.35 3.40 -0.51	84.35 4.13 -33.33	83.58 4.89 -29.36	78.65 3.97 -27.39	44.35 2.43 0.00	40.35 2.74 -0.06	37.40 2.83 -0.06	37.70 2.90 -3.89	30.23 2.50 -0.02
GOWANUS_GT2_3 24116	28.42 2.22 -0.01	26.10 2.02 -0.01	24.91 1.85 -0.01	23.16 1.77 -0.01	22.59 1.64 0.00	23.78 1.49 0.00	24.71 1.64 0.00	27.47 2.27 0.00	30.24 2.72 0.00	35.50 2.94 -3.46	38.14 3.07 -5.02	35.95 2.86 -0.57	38.38 2.89 -0.28	40.47 2.92 -0.14	43.31 2.90 -0.60	46.35 3.40 -0.51	84.35 4.13 -33.33	83.58 4.89 -29.36	78.65 3.97 -27.39	44.35 2.43 0.00	40.35 2.74 -0.06	37.40 2.83 -0.06	37.70 2.90 -3.89	30.23 2.50 -0.02
GOWANUS_GT2_4 24117	28.42 2.22 -0.01	26.10 2.02 -0.01	24.91 1.85 -0.01	23.16 1.77 -0.01	22.59 1.64 0.00	23.78 1.49 0.00	24.71 1.64 0.00	27.47 2.27 0.00	30.24 2.72 0.00	35.50 2.94 -3.46	38.14 3.07 -5.02	35.95 2.86 -0.57	38.38 2.89 -0.28	40.47 2.92 -0.14	43.31 2.90 -0.60	46.35 3.40 -0.51	84.35 4.13 -33.33	83.58 4.89 -29.36	78.65 3.97 -27.39	44.35 2.43 0.00	40.35 2.74 -0.06	37.40 2.83 -0.06	37.70 2.90 -3.89	30.23 2.50 -0.02
GOWANUS_GT2_5 24118	28.42 2.22 -0.01	26.10 2.02 -0.01	24.91 1.85 -0.01	23.16 1.77 -0.01	22.59 1.64 0.00	23.78 1.49 0.00	24.71 1.64 0.00	27.47 2.27 0.00	30.24 2.72 0.00	35.50 2.94 -3.46	38.14 3.07 -5.02	35.95 2.86 -0.57	38.38 2.89 -0.28	40.47 2.92 -0.14	43.31 2.90 -0.60	46.35 3.40 -0.51	84.35 4.13 -33.33	83.58 4.89 -29.36	78.65 3.97 -27.39	44.35 2.43 0.00	40.35 2.74 -0.06	37.40 2.83 -0.06	37.70 2.90 -3.89	30.23 2.50 -0.02
GOWANUS_GT2_6 24119	28.42 2.22 -0.01	26.10 2.02 -0.01	24.91 1.85 -0.01	23.16 1.77 -0.01	22.59 1.64 0.00	23.78 1.49 0.00	24.71 1.64 0.00	27.47 2.27 0.00	30.24 2.72 0.00	35.50 2.94 -3.46	38.14 3.07 -5.02	35.95 2.86 -0.57	38.38 2.89 -0.28	40.47 2.92 -0.14	43.31 2.90 -0.60	46.35 3.40 -0.51	84.35 4.13 -33.33	83.58 4.89 -29.36	78.65 3.97 -27.39	44.35 2.43 0.00	40.35 2.74 -0.06	37.40 2.83 -0.06	37.70 2.90 -3.89	30.23 2.50 -0.02
GOWANUS_GT2_7 24120	28.42 2.22 -0.01	26.10 2.02 -0.01	24.91 1.85 -0.01	23.16 1.77 -0.01	22.59 1.64 0.00	23.78 1.49 0.00	24.71 1.64 0.00	27.47 2.27 0.00	30.24 2.72 0.00	35.50 2.94 -3.46	38.14 3.07 -5.02	35.95 2.86 -0.57	38.38 2.89 -0.28	40.47 2.92 -0.14	43.31 2.90 -0.60	46.35 3.40 -0.51	84.35 4.13 -33.33	83.58 4.89 -29.36	78.65 3.97 -27.39	44.35 2.43 0.00	40.35 2.74 -0.06	37.40 2.83 -0.06	37.70 2.90 -3.89	30.23 2.50 -0.02
GOWANUS_GT2_8 24121	28.42 2.22 -0.01	26.10 2.02 -0.01	24.91 1.85 -0.01	23.16 1.77 -0.01	22.59 1.64 0.00	23.78 1.49 0.00	24.71 1.64 0.00	27.47 2.27 0.00	30.24 2.72 0.00	35.50 2.94 -3.46	38.14 3.07 -5.02	35.95 2.86 -0.57	38.38 2.89 -0.28	40.47 2.92 -0.14	43.31 2.90 -0.60	46.35 3.40 -0.51	84.35 4.13 -33.33	83.58 4.89 -29.36	78.65 3.97 -27.39	44.35 2.43 0.00	40.35 2.74 -0.06	37.40 2.83 -0.06	37.70 2.90 -3.89	30.23 2.50 -0.02
GOWANUS_GT3_1 24122	28.42 2.22 -0.01	26.10 2.02 -0.01	24.91 1.85 -0.01	23.16 1.77 -0.01	22.59 1.64 0.00	23.78 1.49 0.00	24.71 1.64 0.00	27.47 2.27 0.00	30.24 2.72 0.00	35.50 2.94 -3.46	38.14 3.07 -5.02	35.95 2.86 -0.57	38.38 2.89 -0.28	40.47 2.92 -0.14	43.31 2.90 -0.60	46.35 3.40 -0.51	84.35 4.13 -33.33	83.58 4.89 -29.36	78.65 3.97 -27.39	44.35 2.43 0.00	40.35 2.74 -0.06	37.40 2.83 -0.06	37.70 2.90 -3.89	30.23 2.50 -0.02

GOWANUS_GT3_2 24123	28.42 2.22 -0.01	26.10 2.02 -0.01	24.91 1.85 -0.01	23.16 1.77 -0.01	22.59 1.64 0.00	23.78 1.49 0.00	24.71 1.64 0.00	27.47 2.27 0.00	30.24 2.72 0.00	35.50 2.94 -3.46	38.14 3.07 -5.02	35.95 2.86 -0.57	38.38 2.89 -0.28	40.47 2.92 -0.14	43.31 2.90 -0.60	46.35 3.40 -0.51	84.35 4.13 -33.33	83.58 4.89 -29.36	78.65 3.97 -27.39	44.35 2.43 0.00	40.35 2.74 -0.06	37.40 2.83 -0.06	37.70 2.90 -3.89	30.23 2.50 -0.02
GOWANUS_GT3_3 24124	28.42 2.22 -0.01	26.10 2.02 -0.01	24.91 1.85 -0.01	23.16 1.77 -0.01	22.59 1.64 0.00	23.78 1.49 0.00	24.71 1.64 0.00	27.47 2.27 0.00	30.24 2.72 0.00	35.50 2.94 -3.46	38.14 3.07 -5.02	35.95 2.86 -0.57	38.38 2.89 -0.28	40.47 2.92 -0.14	43.31 2.90 -0.60	46.35 3.40 -0.51	84.35 4.13 -33.33	83.58 4.89 -29.36	78.65 3.97 -27.39	44.35 2.43 0.00	40.35 2.74 -0.06	37.40 2.83 -0.06	37.70 2.90 -3.89	30.23 2.50 -0.02
GOWANUS_GT3_4 24125	28.42 2.22 -0.01	26.10 2.02 -0.01	24.91 1.85 -0.01	23.16 1.77 -0.01	22.59 1.64 0.00	23.78 1.49 0.00	24.71 1.64 0.00	27.47 2.27 0.00	30.24 2.72 0.00	35.50 2.94 -3.46	38.14 3.07 -5.02	35.95 2.86 -0.57	38.38 2.89 -0.28	40.47 2.92 -0.14	43.31 2.90 -0.60	46.35 3.40 -0.51	84.35 4.13 -33.33	83.58 4.89 -29.36	78.65 3.97 -27.39	44.35 2.43 0.00	40.35 2.74 -0.06	37.40 2.83 -0.06	37.70 2.90 -3.89	30.23 2.50 -0.02
GOWANUS_GT3_5 24126	28.42 2.22 -0.01	26.10 2.02 -0.01	24.91 1.85 -0.01	23.16 1.77 -0.01	22.59 1.64 0.00	23.78 1.49 0.00	24.71 1.64 0.00	27.47 2.27 0.00	30.24 2.72 0.00	35.50 2.94 -3.46	38.14 3.07 -5.02	35.95 2.86 -0.57	38.38 2.89 -0.28	40.47 2.92 -0.14	43.31 2.90 -0.60	46.35 3.40 -0.51	84.35 4.13 -33.33	83.58 4.89 -29.36	78.65 3.97 -27.39	44.35 2.43 0.00	40.35 2.74 -0.06	37.40 2.83 -0.06	37.70 2.90 -3.89	30.23 2.50 -0.02
GOWANUS_GT3_6 24127	28.42 2.22 -0.01	26.10 2.02 -0.01	24.91 1.85 -0.01	23.16 1.77 -0.01	22.59 1.64 0.00	23.78 1.49 0.00	24.71 1.64 0.00	27.47 2.27 0.00	30.24 2.72 0.00	35.50 2.94 -3.46	38.14 3.07 -5.02	35.95 2.86 -0.57	38.38 2.89 -0.28	40.47 2.92 -0.14	43.31 2.90 -0.60	46.35 3.40 -0.51	84.35 4.13 -33.33	83.58 4.89 -29.36	78.65 3.97 -27.39	44.35 2.43 0.00	40.35 2.74 -0.06	37.40 2.83 -0.06	37.70 2.90 -3.89	30.23 2.50 -0.02
GOWANUS_GT3_7 24128	28.42 2.22 -0.01	26.10 2.02 -0.01	24.91 1.85 -0.01	23.16 1.77 -0.01	22.59 1.64 0.00	23.78 1.49 0.00	24.71 1.64 0.00	27.47 2.27 0.00	30.24 2.72 0.00	35.50 2.94 -3.46	38.14 3.07 -5.02	35.95 2.86 -0.57	38.38 2.89 -0.28	40.47 2.92 -0.14	43.31 2.90 -0.60	46.35 3.40 -0.51	84.35 4.13 -33.33	83.58 4.89 -29.36	78.65 3.97 -27.39	44.35 2.43 0.00	40.35 2.74 -0.06	37.40 2.83 -0.06	37.70 2.90 -3.89	30.23 2.50 -0.02
GOWANUS_GT3_8 24129	28.42 2.22 -0.01	26.10 2.02 -0.01	24.91 1.85 -0.01	23.16 1.77 -0.01	22.59 1.64 0.00	23.78 1.49 0.00	24.71 1.64 0.00	27.47 2.27 0.00	30.24 2.72 0.00	35.50 2.94 -3.46	38.14 3.07 -5.02	35.95 2.86 -0.57	38.38 2.89 -0.28	40.47 2.92 -0.14	43.31 2.90 -0.60	46.35 3.40 -0.51	84.35 4.13 -33.33	83.58 4.89 -29.36	78.65 3.97 -27.39	44.35 2.43 0.00	40.35 2.74 -0.06	37.40 2.83 -0.06	37.70 2.90 -3.89	30.23 2.50 -0.02
GOWANUS_GT4_1 24130	28.42 2.23 -0.01	26.13 2.05 -0.01	24.91 1.84 -0.01	23.16 1.77 -0.01	22.47 1.51 0.00	23.78 1.49 0.00	24.71 1.64 0.00	27.46 2.27 0.00	30.24 2.72 0.00	35.50 2.94 -3.46	37.99 2.92 -5.02	35.95 2.86 -0.57	38.35 2.85 -0.28	40.43 2.88 -0.14	43.35 2.95 -0.60	46.35 3.40 -0.51	84.35 4.13 -33.33	83.53 4.83 -29.36	78.75 4.07 -27.39	44.36 2.43 0.00	40.35 2.74 -0.06	37.40 2.83 -0.06	37.70 2.90 -3.89	30.23 2.49 -0.02
GOWANUS_GT4_2 24131	28.42 2.23 -0.01	26.13 2.05 -0.01	24.91 1.84 -0.01	23.16 1.77 -0.01	22.47 1.51 0.00	23.78 1.49 0.00	24.71 1.64 0.00	27.46 2.27 0.00	30.24 2.72 0.00	35.50 2.94 -3.46	37.99 2.92 -5.02	35.95 2.86 -0.57	38.35 2.85 -0.28	40.43 2.88 -0.14	43.35 2.95 -0.60	46.35 3.40 -0.51	84.35 4.13 -33.33	83.53 4.83 -29.36	78.75 4.07 -27.39	44.36 2.43 0.00	40.35 2.74 -0.06	37.40 2.83 -0.06	37.70 2.90 -3.89	30.23 2.49 -0.02
GOWANUS_GT4_3 24132	28.42 2.23 -0.01	26.13 2.05 -0.01	24.91 1.84 -0.01	23.16 1.77 -0.01	22.47 1.51 0.00	23.78 1.49 0.00	24.71 1.64 0.00	27.46 2.27 0.00	30.24 2.72 0.00	35.50 2.94 -3.46	37.99 2.92 -5.02	35.95 2.86 -0.57	38.35 2.85 -0.28	40.43 2.88 -0.14	43.35 2.95 -0.60	46.35 3.40 -0.51	84.35 4.13 -33.33	83.53 4.83 -29.36	78.75 4.07 -27.39	44.36 2.43 0.00	40.35 2.74 -0.06	37.40 2.83 -0.06	37.70 2.90 -3.89	30.23 2.49 -0.02
GOWANUS_GT4_4 24133	28.42 2.23 -0.01	26.13 2.05 -0.01	24.91 1.84 -0.01	23.16 1.77 -0.01	22.47 1.51 0.00	23.78 1.49 0.00	24.71 1.64 0.00	27.46 2.27 0.00	30.24 2.72 0.00	35.50 2.94 -3.46	37.99 2.92 -5.02	35.95 2.86 -0.57	38.35 2.85 -0.28	40.43 2.88 -0.14	43.35 2.95 -0.60	46.35 3.40 -0.51	84.35 4.13 -33.33	83.53 4.83 -29.36	78.75 4.07 -27.39	44.36 2.43 0.00	40.35 2.74 -0.06	37.40 2.83 -0.06	37.70 2.90 -3.89	30.23 2.49 -0.02
GOWANUS_GT4_5 24134	28.42 2.23 -0.01	26.13 2.05 -0.01	24.91 1.84 -0.01	23.16 1.77 -0.01	22.47 1.51 0.00	23.78 1.49 0.00	24.71 1.64 0.00	27.46 2.27 0.00	30.24 2.72 0.00	35.50 2.94 -3.46	37.99 2.92 -5.02	35.95 2.86 -0.57	38.35 2.85 -0.28	40.43 2.88 -0.14	43.35 2.95 -0.60	46.35 3.40 -0.51	84.35 4.13 -33.33	83.53 4.83 -29.36	78.75 4.07 -27.39	44.36 2.43 0.00	40.35 2.74 -0.06	37.40 2.83 -0.06	37.70 2.90 -3.89	30.23 2.49 -0.02
GOWANUS_GT4_6 24135	28.42 2.23 -0.01	26.13 2.05 -0.01	24.91 1.84 -0.01	23.16 1.77 -0.01	22.47 1.51 0.00	23.78 1.49 0.00	24.71 1.64 0.00	27.46 2.27 0.00	30.24 2.72 0.00	35.50 2.94 -3.46	37.99 2.92 -5.02	35.95 2.86 -0.57	38.35 2.85 -0.28	40.43 2.88 -0.14	43.35 2.95 -0.60	46.35 3.40 -0.51	84.35 4.13 -33.33	83.53 4.83 -29.36	78.75 4.07 -27.39	44.36 2.43 0.00	40.35 2.74 -0.06	37.40 2.83 -0.06	37.70 2.90 -3.89	30.23 2.49 -0.02
GOWANUS_GT4_7 24136	28.42 2.23 -0.01	26.13 2.05 -0.01	24.91 1.84 -0.01	23.16 1.77 -0.01	22.47 1.51 0.00	23.78 1.49 0.00	24.71 1.64 0.00	27.46 2.27 0.00	30.24 2.72 0.00	35.50 2.94 -3.46	37.99 2.92 -5.02	35.95 2.86 -0.57	38.35 2.85 -0.28	40.43 2.88 -0.14	43.35 2.95 -0.60	46.35 3.40 -0.51	84.35 4.13 -33.33	83.53 4.83 -29.36	78.75 4.07 -27.39	44.36 2.43 0.00	40.35 2.74 -0.06	37.40 2.83 -0.06	37.70 2.90 -3.89	30.23 2.49 -0.02
GOWANUS_GT4_8 24137	28.42 2.23 -0.01	26.13 2.05 -0.01	24.91 1.84 -0.01	23.16 1.77 -0.01	22.47 1.51 0.00	23.78 1.49 0.00	24.71 1.64 0.00	27.46 2.27 0.00	30.24 2.72 0.00	35.50 2.94 -3.46	37.99 2.92 -5.02	35.95 2.86 -0.57	38.35 2.85 -0.28	40.43 2.88 -0.14	43.35 2.95 -0.60	46.35 3.40 -0.51	84.35 4.13 -33.33	83.53 4.83 -29.36	78.75 4.07 -27.39	44.36 2.43 0.00	40.35 2.74 -0.06	37.40 2.83 -0.06	37.70 2.90 -3.89	30.23 2.49 -0.02

GREENBSH_115KV_TB3 55895	26.71 0.52 0.00	24.55 0.48 0.00	23.59 0.53 0.00	21.94 0.56 0.00	21.40 0.44 0.00	22.75 0.47 0.00	23.58 0.51 0.00	25.83 0.63 0.00	28.26 0.74 0.00	29.51 0.73 0.33	30.14 0.63 0.55	32.55 0.65 0.62	35.52 0.60 0.30	37.92 0.67 0.16	39.91 0.76 0.65	42.88 0.93 0.50	47.69 1.41 0.61	51.19 1.87 0.02	48.86 1.56 0.00	42.89 0.96 0.00	38.53 0.98 0.00	35.48 0.97 0.00	31.77 0.87 0.00	28.47 0.75 0.00
GREENDGE_115KV_TB5 80291	27.29 1.10 0.00	25.06 0.99 0.00	23.93 0.88 0.00	22.04 0.66 0.00	21.67 0.71 0.00	23.20 0.91 0.00	24.04 0.97 0.00	26.08 0.88 0.00	28.29 0.77 0.00	29.89 0.79 0.00	31.26 1.20 0.00	33.89 1.37 0.00	36.66 1.44 0.00	38.91 1.50 0.00	41.20 1.39 0.00	43.89 1.44 0.00	49.25 2.30 -0.06	51.66 2.32 0.00	49.66 2.36 0.00	43.85 1.93 0.00	39.02 1.46 0.00	35.72 1.21 0.00	32.11 1.21 0.00	29.00 1.28 0.00
GREENIDGE___3 23582	27.29 1.10 0.00	25.06 0.99 0.00	23.93 0.88 0.00	22.04 0.66 0.00	21.67 0.71 0.00	23.20 0.91 0.00	24.04 0.97 0.00	26.08 0.88 0.00	28.29 0.77 0.00	29.89 0.79 0.00	31.26 1.20 0.00	33.89 1.37 0.00	36.66 1.44 0.00	38.91 1.50 0.00	41.20 1.39 0.00	43.89 1.44 0.00	49.25 2.30 -0.06	51.66 2.32 0.00	49.66 2.36 0.00	43.85 1.93 0.00	39.02 1.46 0.00	35.72 1.21 0.00	32.11 1.21 0.00	29.00 1.28 0.00
GREENIDGE___4 23583	27.29 1.10 0.00	25.04 0.96 0.00	23.91 0.85 0.00	22.04 0.66 0.00	21.69 0.73 0.00	23.20 0.91 0.00	24.04 0.97 0.00	26.08 0.88 0.00	28.29 0.77 0.00	29.89 0.79 0.00	30.93 0.87 0.00	33.89 1.37 0.00	36.59 1.37 0.00	38.91 1.50 0.00	41.20 1.39 0.00	43.89 1.44 0.00	49.25 2.30 -0.06	51.66 2.32 0.00	49.66 2.36 0.00	43.85 1.93 0.00	39.02 1.46 0.00	35.72 1.21 0.00	32.11 1.20 0.00	29.00 1.28 0.00
GREENLWN_69_KV_BK 3 55738	33.47 2.28 -5.01	30.11 2.07 -3.97	24.97 1.91 0.00	23.24 1.86 0.00	22.55 1.59 0.00	24.00 1.72 0.00	25.05 1.96 -0.01	31.52 2.39 -3.93	33.16 2.78 -2.87	33.10 2.91 -1.08	32.72 2.16 -0.50	35.49 2.41 -0.56	37.81 2.32 -0.27	40.13 2.58 -0.14	42.87 2.83 -0.24	46.08 3.18 -0.45	51.53 4.08 -0.55	54.33 4.98 -0.01	51.31 4.02 0.01	44.22 2.31 0.01	39.86 2.33 0.02	36.75 2.24 0.01	33.19 2.29 0.00	31.31 2.41 -1.18
GREENWD_138_KV_38B11_REV_LBMP_J 345004	28.42 2.23 -0.01	26.13 2.05 -0.01	24.91 1.84 -0.01	23.16 1.77 -0.01	22.47 1.51 0.00	23.78 1.49 0.00	24.71 1.64 0.00	27.46 2.27 0.00	30.24 2.72 0.00	35.50 2.94 -3.46	37.99 2.92 -5.02	35.95 2.86 -0.57	38.35 2.85 -0.28	40.43 2.88 -0.14	43.35 2.95 -0.60	46.35 3.40 -0.51	84.35 4.13 -33.33	83.53 4.83 -29.36	78.75 4.07 -27.39	44.36 2.43 0.00	40.35 2.74 -0.06	37.40 2.83 -0.06	37.70 2.90 -3.89	30.23 2.49 -0.02
GRISSOM___SOLAR 323813	28.78 2.59 0.00	26.43 2.36 0.00	25.36 2.31 0.00	23.48 2.10 0.00	23.03 2.08 0.00	24.58 2.30 0.00	25.45 2.38 0.00	27.92 2.72 0.00	30.32 2.81 0.00	31.54 2.68 0.24	32.99 3.34 0.41	35.60 3.55 0.46	38.76 3.77 0.22	41.44 4.15 0.12	43.22 3.90 0.49	47.85 5.77 0.37	52.02 5.58 0.45	56.18 6.86 0.02	54.11 6.81 0.00	47.84 5.91 0.00	42.74 5.18 0.00	39.17 4.66 0.00	34.64 3.74 0.00	31.10 3.38 0.00
GROVEVILLE___HYD 323602	28.02 1.83 0.00	25.78 1.71 0.00	24.63 1.57 0.00	22.90 1.52 0.00	22.24 1.28 0.00	23.62 1.34 0.00	24.57 1.50 0.00	26.86 1.66 0.00	29.47 1.95 0.00	31.35 2.01 -0.23	32.37 1.92 -0.38	34.94 1.98 -0.43	37.47 2.04 -0.21	39.73 2.21 -0.11	42.65 2.39 -0.46	45.46 2.67 -0.35	50.88 3.56 -0.42	53.59 4.24 -0.02	50.84 3.55 0.00	44.23 2.31 0.00	39.84 2.29 0.00	36.76 2.24 0.00	33.07 2.16 0.00	29.63 1.91 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	26.37 0.18 0.00	24.26 0.19 0.00	23.22 0.16 0.00	21.49 0.11 0.00	21.08 0.13 0.00	22.46 0.18 0.00	23.26 0.18 0.00	25.35 0.15 0.00	27.65 0.14 0.00	29.25 0.15 0.00	30.39 0.33 0.00	32.98 0.46 0.00	35.78 0.56 0.00	38.04 0.64 0.00	40.32 0.52 0.00	43.12 0.68 0.00	48.05 0.94 -0.21	50.22 0.89 0.00	48.15 0.85 0.00	42.55 0.63 0.00	38.04 0.49 0.00	34.90 0.38 0.00	31.21 0.31 0.00	28.02 0.30 0.00
HAMLTNNY_34_KV_TB 80303	26.53 0.34 0.00	24.39 0.31 0.00	23.36 0.30 0.00	21.59 0.21 0.00	21.21 0.25 0.00	22.60 0.31 0.00	23.40 0.32 0.00	25.47 0.28 0.00	27.79 0.28 0.00	29.40 0.29 0.00	30.51 0.45 0.00	33.14 0.62 0.00	35.96 0.74 0.00	38.23 0.82 0.00	40.64 0.84 0.00	43.34 0.89 0.00	48.43 1.31 -0.22	50.62 1.28 0.00	48.52 1.23 0.00	42.89 0.96 0.00	38.30 0.75 0.00	35.14 0.62 0.00	31.40 0.49 0.00	28.22 0.50 0.00
HAMPSHIRE___PAPER_HYD 323593	25.58 -0.60 0.00	23.47 -0.60 0.00	22.46 -0.60 0.00	20.76 -0.62 0.00	20.37 -0.59 0.00	21.75 -0.54 0.00	22.57 -0.51 0.00	24.54 -0.66 0.00	26.72 -0.80 0.00	28.38 -0.73 0.00	29.37 -0.69 0.00	31.74 -0.78 0.00	34.55 -0.67 0.00	36.81 -0.60 0.00	39.13 -0.68 0.00	41.94 -0.51 0.00	46.13 -0.84 -0.08	47.81 -1.53 0.00	46.49 -0.80 0.00	41.59 -0.34 0.00	37.25 -0.30 0.00	34.00 -0.52 0.00	30.16 -0.74 0.00	26.94 -0.78 0.00
HARDSCRABBLE_WT_PWR 323673	26.21 0.03 0.00	24.10 0.02 0.00	23.08 0.02 0.00	21.36 -0.02 0.00	20.96 0.00 0.00	22.29 0.00 0.00	23.03 -0.05 0.00	25.10 -0.10 0.00	27.41 -0.11 0.00	28.99 -0.12 0.00	30.12 0.06 0.00	32.62 0.10 0.00	35.36 0.14 0.00	37.63 0.23 0.00	39.81 0.00 0.00	42.74 0.30 0.00	46.99 0.09 0.00	49.39 0.05 0.00	47.25 -0.05 0.00	41.67 -0.25 0.00	37.21 -0.34 0.00	34.21 -0.31 0.00	30.56 -0.34 0.00	27.44 -0.28 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	27.81 1.62 0.00	25.59 1.52 0.00	24.42 1.36 0.00	22.68 1.30 0.00	22.05 1.09 0.00	23.47 1.18 0.00	24.44 1.36 0.00	26.76 1.56 0.00	29.33 1.82 0.00	31.22 1.86 -0.25	32.35 1.86 -0.42	34.89 1.89 -0.48	37.35 1.90 -0.23	39.55 2.02 -0.12	42.38 2.07 -0.51	45.25 2.42 -0.38	50.55 3.19 -0.47	53.20 3.85 -0.02	50.46 3.17 0.00	43.85 1.93 0.00	39.54 1.99 0.00	36.48 1.97 0.00	32.85 1.95 0.00	29.44 1.72 0.00
HARSNRAD_115KV_TB1 81005	27.36 1.18 0.00	25.16 1.08 0.00	24.00 0.95 0.00	22.00 0.62 0.00	21.63 0.67 0.00	23.20 0.91 0.00	23.84 0.76 0.00	25.45 0.25 0.00	27.32 -0.19 0.00	28.93 -0.17 0.00	30.45 0.39 0.00	32.98 0.46 0.00	36.13 0.92 0.00	38.19 0.79 0.00	40.48 0.68 0.00	42.61 0.17 0.00	47.74 0.84 0.00	50.03 0.69 0.00	48.10 0.80 0.00	42.76 0.84 0.00	38.00 0.45 0.00	34.97 0.45 0.00	31.18 0.28 0.00	28.69 0.97 0.00
HARZA MOOSE___RIVER 24016	26.50 0.31 0.00	24.34 0.26 0.00	23.31 0.25 0.00	21.53 0.15 0.00	21.13 0.17 0.00	22.53 0.25 0.00	23.44 0.37 0.00	25.47 0.28 0.00	27.74 0.22 0.00	29.34 0.23 0.00	30.42 0.36 0.00	32.98 0.46 0.00	35.89 0.67 0.00	38.27 0.86 0.00	40.60 0.80 0.00	43.55 1.10 0.00	48.13 1.17 -0.06	50.37 1.04 0.00	48.52 1.23 0.00	43.06 1.13 0.00	38.57 1.01 0.00	35.24 0.72 0.00	31.27 0.37 0.00	28.00 0.28 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	26.21 0.03 0.00	24.10 0.02 0.00	23.08 0.02 0.00	21.36 -0.02 0.00	20.96 0.00 0.00	22.33 0.04 0.00	23.12 0.05 0.00	25.17 -0.03 0.00	27.46 -0.06 0.00	29.08 -0.03 0.00	30.18 0.12 0.00	32.75 0.23 0.00	35.53 0.32 0.00	37.78 0.37 0.00	40.08 0.28 0.00	42.78 0.34 0.00	47.61 0.61 -0.11	49.93 0.59 0.00	47.82 0.52 0.00	42.26 0.34 0.00	37.78 0.23 0.00	34.65 0.14 0.00	31.00 0.09 0.00	27.86 0.14 0.00
HELLGATE_13_KV_LD 55870	28.26 2.07 0.00	25.98 1.90 0.00	24.77 1.71 0.00	23.05 1.67 0.00	22.36 1.40 0.00	23.71 1.43 0.00	24.67 1.59 0.00	27.39 2.19 0.00	30.13 2.61 0.00	32.21 2.79 -0.31	33.90 2.71 -1.14	35.73 2.63 -0.57	38.10 2.61 -0.28	40.21 2.66 -0.14	43.03 2.63 -0.60	46.00 3.10 -0.46	51.20 3.75 -0.55	53.79 4.44 -0.01	50.98 3.69 0.01	44.06 2.14 0.00	39.96 2.40 0.00	37.07 2.55 0.00	33.60 2.69 -0.01	30.05 2.33 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	28.26 2.07 0.00	25.98 1.90 0.00	24.77 1.71 0.00	23.05 1.67 0.00	22.36 1.40 0.00	23.71 1.43 0.00	24.67 1.59 0.00	27.39 2.19 0.00	30.13 2.61 0.00	32.21 2.79 -0.31	33.90 2.71 -1.14	35.73 2.63 -0.57	38.10 2.61 -0.28	40.21 2.66 -0.14	43.03 2.63 -0.60	46.00 3.10 -0.46	51.20 3.75 -0.55	53.79 4.44 -0.01	50.98 3.69 0.01	44.06 2.14 0.00	39.96 2.40 0.00	37.07 2.55 0.00	33.60 2.69 -0.01	30.05 2.33 0.00
HEMPSTEAD____ 23647	32.71 2.28 -4.25	29.51 2.07 -3.37	25.00 1.94 0.00	23.22 1.84 0.00	22.68 1.72 0.00	24.02 1.74 0.00	25.05 1.96 -0.01	30.89 2.37 -3.33	32.73 2.78 -2.43	32.98 2.91 -0.96	33.32 2.76 -0.50	35.85 2.76 -0.57	38.20 2.71 -0.27	40.47 2.92 -0.14	43.59 3.19 -0.60	46.42 3.52 -0.45	51.91 4.46 -0.56	54.64 5.28 -0.02	51.64 4.35 0.00	44.65 2.72 0.00	40.22 2.67 0.00	37.11 2.59 0.00	33.56 2.66 0.00	31.27 2.55 -1.00
HEWLETT__69_KV_BK3 55828	33.22 2.54 -4.50	29.94 2.31 -3.56	25.20 2.14 0.00	23.45 2.07 0.00	22.78 1.82 0.00	24.25 1.96 0.00	25.28 2.19 -0.01	31.31 2.60 -3.52	33.11 3.03 -2.57	33.30 3.20 -0.99	33.44 2.89 -0.50	36.24 3.15 -0.57	38.62 3.13 -0.27	40.99 3.44 -0.14	44.10 3.70 -0.60	47.05 4.16 -0.45	52.61 5.16 -0.55	55.37 6.02 -0.02	52.30 5.01 0.00	45.19 3.27 0.00	40.70 3.15 0.00	37.52 3.00 0.00	33.90 3.00 0.00	31.67 2.88 -1.07
HICKLING__1 23621	28.15 1.96 0.00	25.88 1.81 0.00	24.67 1.61 0.00	22.68 1.30 0.00	22.32 1.36 0.00	23.96 1.67 0.00	24.76 1.68 0.00	26.86 1.66 0.00	29.14 1.62 0.00	30.80 1.69 0.00	32.13 2.07 0.00	34.96 2.44 0.00	38.11 2.89 0.00	40.40 2.99 0.00	42.83 3.03 0.00	45.50 3.06 0.00	51.23 4.27 -0.06	53.68 4.34 0.00	51.60 4.30 0.00	45.49 3.56 0.00	40.48 2.93 0.00	37.11 2.59 0.00	33.07 2.16 0.00	29.91 2.19 0.00
HICKLING__2 23622	28.15 1.96 0.00	25.88 1.81 0.00	24.67 1.61 0.00	22.68 1.30 0.00	22.32 1.36 0.00	23.96 1.67 0.00	24.76 1.68 0.00	26.86 1.66 0.00	29.14 1.62 0.00	30.80 1.69 0.00	32.13 2.07 0.00	34.96 2.44 0.00	38.11 2.89 0.00	40.40 2.99 0.00	42.83 3.03 0.00	45.50 3.06 0.00	51.23 4.27 -0.06	53.68 4.34 0.00	51.60 4.30 0.00	45.49 3.56 0.00	40.48 2.93 0.00	37.11 2.59 0.00	33.07 2.16 0.00	29.91 2.19 0.00
HIGH FALLS__HY 23754	27.94 1.75 0.00	25.71 1.64 0.00	24.53 1.48 0.00	22.79 1.41 0.00	22.13 1.17 0.00	23.53 1.25 0.00	24.48 1.41 0.00	26.71 1.51 0.00	29.28 1.76 0.00	31.09 1.86 -0.12	32.13 1.86 -0.21	34.67 1.92 -0.23	37.30 1.97 -0.11	39.56 2.09 -0.06	42.20 2.15 -0.25	45.14 2.50 -0.19	50.41 3.28 -0.23	53.19 3.85 -0.01	50.42 3.12 0.00	43.85 1.93 0.00	39.51 1.95 0.00	36.48 1.97 0.00	32.85 1.95 0.00	29.47 1.75 0.00
HILLBURN__GT 23639	27.81 1.62 0.00	25.54 1.47 0.00	24.37 1.31 0.00	22.64 1.26 0.00	22.15 1.19 0.00	23.47 1.18 0.00	24.44 1.36 0.00	26.88 1.69 0.00	29.50 1.98 0.00	31.41 2.04 -0.26	32.69 2.19 -0.44	35.10 2.08 -0.50	37.57 2.11 -0.24	39.67 2.13 -0.13	42.48 2.15 -0.53	45.35 2.50 -0.40	50.62 3.23 -0.49	53.25 3.90 -0.02	50.46 3.17 0.00	43.81 1.89 0.00	39.50 1.95 0.00	36.48 1.97 0.00	32.85 1.95 0.00	29.47 1.75 0.00
HILLSIDE_115KV_TB1 80332	27.18 1.00 0.00	24.96 0.89 0.00	23.82 0.76 0.00	21.91 0.53 0.00	21.55 0.59 0.00	23.11 0.82 0.00	23.86 0.78 0.00	25.88 0.68 0.00	28.07 0.55 0.00	29.66 0.55 0.00	30.96 0.90 0.00	33.63 1.11 0.00	36.63 1.41 0.00	38.76 1.35 0.00	41.04 1.23 0.00	43.55 1.10 0.00	48.88 1.92 -0.06	51.31 1.97 0.00	49.23 1.94 0.00	43.43 1.51 0.00	38.72 1.16 0.00	35.59 1.07 0.00	31.71 0.80 0.00	28.75 1.03 0.00
HISHELDN_WT_PWR 323625	27.52 1.33 0.00	25.25 1.18 0.00	24.07 1.01 0.00	22.11 0.73 0.00	21.75 0.80 0.00	23.33 1.05 0.00	24.04 0.97 0.00	25.78 0.58 0.00	27.74 0.22 0.00	29.37 0.26 0.00	30.21 0.15 0.00	33.46 0.94 0.00	36.48 1.27 0.00	38.68 1.27 0.00	41.00 1.19 0.00	43.25 0.80 0.00	48.49 1.60 0.00	50.87 1.53 0.00	48.85 1.56 0.00	43.35 1.43 0.00	38.49 0.94 0.00	35.45 0.93 0.00	31.55 0.65 0.00	28.91 1.19 0.00
HOLTSVILLE_IC_1 23690	33.96 2.72 -5.05	30.55 2.48 -4.00	25.41 2.35 0.00	23.54 2.16 0.00	23.03 2.08 0.00	24.38 2.09 0.00	25.49 2.40 -0.02	31.90 2.75 -3.96	33.62 3.22 -2.89	33.45 3.26 -1.08	33.35 2.80 -0.50	35.85 2.76 -0.56	38.24 2.75 -0.27	40.47 2.92 -0.14	46.34 3.38 -3.15	46.37 3.48 -0.45	51.90 4.46 -0.55	54.92 5.57 -0.01	51.78 4.50 0.01	44.68 2.77 0.01	40.58 2.93 -0.10	37.28 2.76 0.00	33.72 2.81 0.00	31.88 2.97 -1.19
HOLTSVILLE_IC_10 23699	34.18 2.96 -5.04	30.74 2.67 -3.99	25.57 2.51 0.00	23.71 2.33 0.00	23.18 2.22 0.00	24.56 2.27 0.00	25.67 2.58 -0.02	32.09 2.95 -3.95	33.87 3.47 -2.88	33.68 3.49 -1.08	33.56 3.01 -0.50	36.07 2.99 -0.56	38.52 3.03 -0.27	40.80 3.25 -0.14	46.90 3.78 -3.31	46.79 3.90 -0.45	52.41 4.97 -0.55	55.47 6.12 -0.01	52.35 5.06 0.01	45.15 3.23 0.01	41.00 3.34 -0.11	37.66 3.14 0.00	34.06 3.15 0.00	32.12 3.21 -1.19
HOLTSVILLE_IC_2 23691	33.96 2.72 -5.05	30.55 2.48 -4.00	25.41 2.35 0.00	23.54 2.16 0.00	23.03 2.08 0.00	24.38 2.09 0.00	25.49 2.40 -0.02	31.90 2.75 -3.96	33.62 3.22 -2.89	33.45 3.26 -1.08	33.35 2.80 -0.50	35.85 2.76 -0.56	38.24 2.75 -0.27	40.47 2.92 -0.14	46.34 3.38 -3.15	46.37 3.48 -0.45	51.90 4.46 -0.55	54.92 5.57 -0.01	51.78 4.50 0.01	44.68 2.77 0.01	40.58 2.93 -0.10	37.28 2.76 0.00	33.72 2.81 0.00	31.88 2.97 -1.19
HOLTSVILLE_IC_3 23692	33.96 2.72 -5.05	30.55 2.48 -4.00	25.41 2.35 0.00	23.54 2.16 0.00	23.03 2.08 0.00	24.38 2.09 0.00	25.49 2.40 -0.02	31.90 2.75 -3.96	33.62 3.22 -2.89	33.45 3.26 -1.08	33.35 2.80 -0.50	35.85 2.76 -0.56	38.24 2.75 -0.27	40.47 2.92 -0.14	46.34 3.38 -3.15	46.37 3.48 -0.45	51.90 4.46 -0.55	54.92 5.57 -0.01	51.78 4.50 0.01	44.68 2.77 0.01	40.58 2.93 -0.10	37.28 2.76 0.00	33.72 2.81 0.00	31.88 2.97 -1.19

HOLTSVILLE_IC_4 23693	33.96 2.72 -5.05	30.55 2.48 -4.00	25.41 2.35 0.00	23.54 2.16 0.00	23.03 2.08 0.00	24.38 2.09 0.00	25.49 2.40 -0.02	31.90 2.75 -3.96	33.62 3.22 -2.89	33.45 3.26 -1.08	33.35 2.80 -0.50	35.85 2.76 -0.56	38.24 2.75 -0.27	40.47 2.92 -0.14	46.34 3.38 -3.15	46.37 3.48 -0.45	51.90 4.46 -0.55	54.92 5.57 -0.01	51.78 4.50 0.01	44.68 2.77 0.01	40.58 2.93 -0.10	37.28 2.76 0.00	33.72 2.81 0.00	31.88 2.97 -1.19
HOLTSVILLE_IC_5 23694	33.96 2.72 -5.05	30.55 2.48 -4.00	25.41 2.35 0.00	23.54 2.16 0.00	23.03 2.08 0.00	24.38 2.09 0.00	25.49 2.40 -0.02	31.90 2.75 -3.96	33.62 3.22 -2.89	33.45 3.26 -1.08	33.35 2.80 -0.50	35.85 2.76 -0.56	38.24 2.75 -0.27	40.47 2.92 -0.14	46.34 3.38 -3.15	46.37 3.48 -0.45	51.90 4.46 -0.55	54.92 5.57 -0.01	51.78 4.50 0.01	44.68 2.77 0.01	40.58 2.93 -0.10	37.28 2.76 0.00	33.72 2.81 0.00	31.88 2.97 -1.19
HOLTSVILLE_IC_6 23695	34.18 2.96 -5.04	30.74 2.67 -3.99	25.57 2.51 0.00	23.71 2.33 0.00	23.18 2.22 0.00	24.56 2.27 0.00	25.67 2.58 -0.02	32.09 2.95 -3.95	33.87 3.47 -2.88	33.68 3.49 -1.08	33.56 3.01 -0.50	36.07 2.99 -0.56	38.52 3.03 -0.27	40.80 3.25 -0.14	46.90 3.78 -3.31	46.79 3.90 -0.45	52.41 4.97 -0.55	55.47 6.12 -0.01	52.35 5.06 0.01	45.15 3.23 0.01	41.00 3.34 -0.11	37.66 3.14 0.00	34.06 3.15 0.00	32.12 3.21 -1.19
HOLTSVILLE_IC_7 23696	34.18 2.96 -5.04	30.74 2.67 -3.99	25.57 2.51 0.00	23.71 2.33 0.00	23.18 2.22 0.00	24.56 2.27 0.00	25.67 2.58 -0.02	32.09 2.95 -3.95	33.87 3.47 -2.88	33.68 3.49 -1.08	33.56 3.01 -0.50	36.07 2.99 -0.56	38.52 3.03 -0.27	40.80 3.25 -0.14	46.90 3.78 -3.31	46.79 3.90 -0.45	52.41 4.97 -0.55	55.47 6.12 -0.01	52.35 5.06 0.01	45.15 3.23 0.01	41.00 3.34 -0.11	37.66 3.14 0.00	34.06 3.15 0.00	32.12 3.21 -1.19
HOLTSVILLE_IC_8 23697	34.18 2.96 -5.04	30.74 2.67 -3.99	25.57 2.51 0.00	23.71 2.33 0.00	23.18 2.22 0.00	24.56 2.27 0.00	25.67 2.58 -0.02	32.09 2.95 -3.95	33.87 3.47 -2.88	33.68 3.49 -1.08	33.56 3.01 -0.50	36.07 2.99 -0.56	38.52 3.03 -0.27	40.80 3.25 -0.14	46.90 3.78 -3.31	46.79 3.90 -0.45	52.41 4.97 -0.55	55.47 6.12 -0.01	52.35 5.06 0.01	45.15 3.23 0.01	41.00 3.34 -0.11	37.66 3.14 0.00	34.06 3.15 0.00	32.12 3.21 -1.19
HOLTSVILLE_IC_9 23698	34.18 2.96 -5.04	30.74 2.67 -3.99	25.57 2.51 0.00	23.71 2.33 0.00	23.18 2.22 0.00	24.56 2.27 0.00	25.67 2.58 -0.02	32.09 2.95 -3.95	33.87 3.47 -2.88	33.68 3.49 -1.08	33.56 3.01 -0.50	36.07 2.99 -0.56	38.52 3.03 -0.27	40.80 3.25 -0.14	46.90 3.78 -3.31	46.79 3.90 -0.45	52.41 4.97 -0.55	55.47 6.12 -0.01	52.35 5.06 0.01	45.15 3.23 0.01	41.00 3.34 -0.11	37.66 3.14 0.00	34.06 3.15 0.00	32.12 3.21 -1.19
HOMER_HL_115KV_TB2 355744	27.65 1.47 0.00	25.40 1.32 0.00	24.17 1.11 0.00	22.15 0.77 0.00	21.80 0.84 0.00	23.47 1.18 0.00	24.21 1.13 0.00	25.93 0.73 0.00	27.96 0.44 0.00	29.54 0.44 0.00	31.05 0.99 0.00	33.69 1.17 0.00	36.94 1.73 0.00	38.53 1.12 0.00	40.80 1.00 0.00	42.91 0.47 0.00	48.30 1.41 0.00	50.77 1.43 0.00	48.76 1.47 0.00	43.18 1.26 0.00	38.30 0.75 0.00	35.66 1.14 0.00	31.64 0.74 0.00	29.08 1.36 0.00
HOWARD_WT_PWR 323690	27.91 1.73 0.00	25.61 1.54 0.00	24.42 1.36 0.00	22.45 1.07 0.00	22.11 1.15 0.00	23.71 1.43 0.00	24.46 1.38 0.00	26.38 1.18 0.00	28.48 0.96 0.00	30.13 1.02 0.00	31.17 1.11 0.00	34.41 1.89 0.00	37.33 2.11 0.00	39.62 2.21 0.00	41.83 2.03 0.00	44.48 2.04 0.00	49.98 3.05 -0.04	52.40 3.06 0.00	50.37 3.07 0.00	44.57 2.64 0.00	39.58 2.03 0.00	36.34 1.83 0.00	32.42 1.51 0.00	29.44 1.72 0.00
HQ_GEN_CEDARS 23644	25.53 -0.65 0.00	23.45 -0.63 0.00	22.39 -0.67 0.00	20.76 -0.62 0.00	20.43 -0.52 0.00	21.73 -0.56 0.00	22.43 -0.65 0.00	24.52 -0.68 0.00	26.75 -0.77 0.00	28.44 -0.67 0.00	29.37 -0.69 0.00	31.74 -0.78 0.00	34.44 -0.77 0.00	36.59 -0.82 0.00	38.93 -0.88 0.00	41.60 -0.85 0.00	45.35 -1.55 0.00	47.02 -2.32 0.00	45.78 -1.51 0.00	41.09 -0.84 0.00	36.73 -0.83 0.00	33.65 -0.86 0.00	30.10 -0.80 0.00	26.92 -0.80 0.00
HQ_GEN_CEDARS_PROXY 323590	25.53 -0.65 0.00	23.45 -0.63 0.00	22.39 -0.67 0.00	20.76 -0.62 0.00	20.39 -0.56 0.00	21.73 -0.56 0.00	22.43 -0.65 0.00	24.52 -0.68 0.00	26.75 -0.77 0.00	28.44 -0.67 0.00	29.49 -0.57 0.00	31.74 -0.78 0.00	34.44 -0.77 0.00	36.59 -0.82 0.00	38.89 -0.91 0.00	41.60 -0.85 0.00	45.35 -1.55 0.00	46.92 -2.42 0.00	45.78 -1.52 0.00	41.09 -0.84 0.00	36.73 -0.83 0.00	33.66 -0.86 0.00	30.10 -0.80 0.00	26.92 -0.80 0.00
HQ_GEN_IMPORT 323601	25.74 -0.45 0.00	23.66 -0.41 0.00	22.64 -0.41 0.00	21.00 -0.38 0.00	20.60 -0.36 0.00	21.91 -0.38 0.00	22.66 -0.41 0.00	24.77 -0.43 0.00	27.05 -0.47 0.00	28.64 -0.47 0.00	29.61 -0.45 0.00	31.97 -0.55 0.00	34.65 -0.56 0.00	36.81 -0.60 0.00	39.17 -0.64 0.00	42.05 -0.68 -0.29	45.39 -1.22 0.29	47.81 -1.53 0.00	45.39 -1.18 0.72	41.98 -0.67 -0.72	36.95 -0.60 0.00	33.93 -0.59 0.00	30.35 -0.56 0.00	27.19 -0.53 0.00
HQ_GEN_WHEEL 23651	25.74 -0.45 0.00	23.66 -0.41 0.00	22.64 -0.41 0.00	21.00 -0.38 0.00	20.60 -0.36 0.00	21.91 -0.38 0.00	22.66 -0.41 0.00	24.77 -0.43 0.00	27.05 -0.47 0.00	28.64 -0.47 0.00	29.61 -0.45 0.00	31.97 -0.55 0.00	34.65 -0.56 0.00	36.81 -0.60 0.00	39.17 -0.64 0.00	42.05 -0.68 -0.29	45.39 -1.22 0.29	47.81 -1.53 0.00	45.39 -1.18 0.72	41.98 -0.67 -0.72	36.95 -0.60 0.00	33.93 -0.59 0.00	30.35 -0.56 0.00	27.19 -0.53 0.00
HUDSON_AVE_GT_3 23810	28.20 2.02 0.00	25.93 1.85 0.00	24.72 1.66 0.00	22.98 1.60 0.00	22.34 1.38 0.00	23.76 1.47 0.00	24.78 1.71 0.00	27.39 2.19 0.00	30.13 2.61 0.00	32.17 2.77 -0.30	33.24 2.68 -0.50	35.79 2.70 -0.57	38.17 2.68 -0.28	40.32 2.77 -0.14	43.27 2.87 -0.60	46.17 3.27 -0.46	51.58 4.13 -0.56	54.19 4.83 -0.02	51.32 4.02 0.00	44.40 2.47 0.00	40.03 2.48 0.00	37.11 2.59 0.00	33.53 2.63 0.00	30.02 2.30 0.00
HUDSON_AVE_GT_4 23540	28.20 2.02 0.00	25.93 1.85 0.00	24.72 1.66 0.00	22.98 1.60 0.00	22.34 1.38 0.00	23.76 1.47 0.00	24.78 1.71 0.00	27.39 2.19 0.00	30.13 2.61 0.00	32.17 2.77 -0.30	33.24 2.68 -0.50	35.79 2.70 -0.57	38.17 2.68 -0.28	40.32 2.77 -0.14	43.27 2.87 -0.60	46.17 3.27 -0.46	51.58 4.13 -0.56	54.19 4.83 -0.02	51.32 4.02 0.00	44.40 2.47 0.00	40.03 2.48 0.00	37.11 2.59 0.00	33.53 2.63 0.00	30.02 2.30 0.00
HUDSON_AVE_GT_5 23657	28.20 2.02 0.00	25.93 1.85 0.00	24.72 1.66 0.00	22.98 1.60 0.00	22.34 1.38 0.00	23.76 1.47 0.00	24.78 1.71 0.00	27.39 2.19 0.00	30.13 2.61 0.00	32.17 2.77 -0.30	33.24 2.68 -0.50	35.79 2.70 -0.57	38.17 2.68 -0.28	40.32 2.77 -0.14	43.27 2.87 -0.60	46.17 3.27 -0.46	51.58 4.13 -0.56	54.19 4.83 -0.02	51.32 4.02 0.00	44.40 2.47 0.00	40.03 2.48 0.00	37.11 2.59 0.00	33.53 2.63 0.00	30.02 2.30 0.00

HUDSON_AVE_10 24168	28.15 1.96 0.00	25.85 1.78 0.00	24.65 1.59 0.00	22.92 1.54 0.00	22.26 1.30 0.00	23.71 1.43 0.00	24.74 1.66 0.00	27.36 2.17 0.00	30.10 2.59 0.00	32.15 2.74 -0.30	33.18 2.62 -0.50	35.69 2.60 -0.57	38.03 2.54 -0.28	40.21 2.66 -0.14	43.15 2.75 -0.60	46.08 3.18 -0.46	51.49 4.03 -0.56	54.09 4.74 -0.02	51.17 3.88 0.00	44.31 2.39 0.00	39.96 2.40 0.00	37.00 2.49 0.00	33.50 2.60 0.00	29.97 2.25 0.00
HUDSON___115KV_TB 4 355613	27.21 1.02 0.00	24.99 0.91 0.00	24.03 0.97 0.00	22.32 0.94 0.00	21.73 0.78 0.00	23.13 0.85 0.00	23.98 0.90 0.00	26.15 0.96 0.00	28.56 1.05 0.00	29.98 1.11 0.23	30.72 1.05 0.39	33.22 1.14 0.44	36.17 1.16 0.21	38.64 1.35 0.11	40.85 1.51 0.46	43.92 1.83 0.35	48.95 2.49 0.43	52.43 3.11 0.02	49.99 2.70 0.00	43.98 2.05 0.00	39.47 1.92 0.00	36.28 1.76 0.00	32.42 1.51 0.00	29.00 1.28 0.00
HUNTER MOUNT___DRP 323613	27.29 1.10 0.00	25.06 0.99 0.00	24.10 1.04 0.00	22.38 1.00 0.00	21.78 0.82 0.00	23.18 0.89 0.00	24.02 0.95 0.00	26.08 0.88 0.00	28.45 0.94 0.00	30.03 1.08 0.16	30.79 0.99 0.26	33.33 1.11 0.30	36.20 1.13 0.14	38.72 1.38 0.08	41.09 1.59 0.31	44.12 1.91 0.24	49.28 2.67 0.29	52.53 3.21 0.01	50.09 2.79 0.00	44.10 2.18 0.00	39.62 2.07 0.00	36.38 1.86 0.00	32.51 1.61 0.00	29.05 1.33 0.00
HUNTINGTON_RES_REC 323705	33.86 2.64 -5.03	30.46 2.41 -3.99	25.32 2.26 0.00	23.48 2.10 0.00	22.91 1.95 0.00	24.27 1.98 0.00	25.35 2.26 -0.02	31.81 2.67 -3.94	33.50 3.11 -2.88	33.42 3.23 -1.08	33.26 2.71 -0.50	35.82 2.73 -0.56	38.24 2.75 -0.27	40.50 2.95 -0.14	43.81 3.42 -0.58	46.46 3.57 -0.45	51.99 4.55 -0.55	54.97 5.62 -0.01	51.87 4.59 0.01	44.73 2.81 0.01	40.44 2.89 0.01	37.23 2.73 0.01	33.65 2.75 0.00	31.73 2.83 -1.19
HUNTLEY___63 23557	27.47 1.28 0.00	25.25 1.18 0.00	24.10 1.04 0.00	22.06 0.68 0.00	21.71 0.75 0.00	23.29 1.00 0.00	23.95 0.88 0.00	25.62 0.43 0.00	27.52 0.00 0.00	29.14 0.03 0.00	30.72 0.66 0.00	33.27 0.75 0.00	36.49 1.27 0.00	38.49 1.08 0.00	40.80 1.00 0.00	42.95 0.51 0.00	48.07 1.17 0.00	50.37 1.04 0.00	48.43 1.14 0.00	43.01 1.09 0.00	38.19 0.64 0.00	35.28 0.76 0.00	31.40 0.49 0.00	28.86 1.14 0.00
HUNTLEY___64 23558	27.47 1.28 0.00	25.25 1.18 0.00	24.10 1.04 0.00	22.06 0.68 0.00	21.71 0.75 0.00	23.29 1.00 0.00	23.95 0.88 0.00	25.62 0.43 0.00	27.52 0.00 0.00	29.14 0.03 0.00	30.72 0.66 0.00	33.27 0.75 0.00	36.49 1.27 0.00	38.49 1.08 0.00	40.80 1.00 0.00	42.95 0.51 0.00	48.07 1.17 0.00	50.37 1.04 0.00	48.43 1.14 0.00	43.01 1.09 0.00	38.19 0.64 0.00	35.28 0.76 0.00	31.40 0.49 0.00	28.86 1.14 0.00
HUNTLEY___65 23559	27.47 1.28 0.00	25.25 1.18 0.00	24.10 1.04 0.00	22.06 0.68 0.00	21.71 0.75 0.00	23.29 1.00 0.00	23.95 0.88 0.00	25.62 0.43 0.00	27.52 0.00 0.00	29.14 0.03 0.00	30.72 0.66 0.00	33.27 0.75 0.00	36.49 1.27 0.00	38.49 1.08 0.00	40.80 1.00 0.00	42.95 0.51 0.00	48.07 1.17 0.00	50.37 1.04 0.00	48.43 1.14 0.00	43.01 1.09 0.00	38.19 0.64 0.00	35.28 0.76 0.00	31.40 0.49 0.00	28.86 1.14 0.00
HUNTLEY___66 23560	27.47 1.28 0.00	25.25 1.18 0.00	24.10 1.04 0.00	22.06 0.68 0.00	21.71 0.75 0.00	23.29 1.00 0.00	23.95 0.88 0.00	25.62 0.43 0.00	27.52 0.00 0.00	29.14 0.03 0.00	30.72 0.66 0.00	33.27 0.75 0.00	36.49 1.27 0.00	38.49 1.08 0.00	40.80 1.00 0.00	42.95 0.51 0.00	48.07 1.17 0.00	50.37 1.04 0.00	48.43 1.14 0.00	43.01 1.09 0.00	38.19 0.64 0.00	35.28 0.76 0.00	31.40 0.49 0.00	28.86 1.14 0.00
HUNTLEY___67 23561	27.36 1.18 0.00	25.13 1.06 0.00	23.96 0.90 0.00	21.98 0.60 0.00	21.63 0.67 0.00	23.20 0.91 0.00	23.86 0.78 0.00	25.52 0.33 0.00	27.41 -0.11 0.00	29.02 -0.09 0.00	30.54 0.48 0.00	33.07 0.55 0.00	36.24 1.02 0.00	38.27 0.86 0.00	40.60 0.80 0.00	42.74 0.30 0.00	47.88 0.98 0.00	50.18 0.84 0.00	48.24 0.95 0.00	42.85 0.92 0.00	38.04 0.49 0.00	35.03 0.52 0.00	31.21 0.31 0.00	28.72 1.00 0.00
HUNTLEY___68 23562	27.36 1.18 0.00	25.13 1.06 0.00	23.96 0.90 0.00	21.98 0.60 0.00	21.63 0.67 0.00	23.20 0.91 0.00	23.86 0.78 0.00	25.52 0.33 0.00	27.41 -0.11 0.00	29.02 -0.09 0.00	30.54 0.48 0.00	33.07 0.55 0.00	36.24 1.02 0.00	38.27 0.86 0.00	40.60 0.80 0.00	42.74 0.30 0.00	47.88 0.98 0.00	50.18 0.84 0.00	48.24 0.95 0.00	42.85 0.92 0.00	38.04 0.49 0.00	35.03 0.52 0.00	31.21 0.31 0.00	28.72 1.00 0.00
HYLAND___LFGE 323620	28.49 2.30 0.00	26.14 2.07 0.00	24.97 1.91 0.00	22.88 1.50 0.00	22.51 1.55 0.00	24.13 1.85 0.00	24.81 1.73 0.00	26.51 1.31 0.00	28.31 0.80 0.00	29.72 0.61 0.00	30.54 0.48 0.00	33.59 1.07 0.00	35.43 0.21 0.00	37.48 0.07 0.00	40.05 0.24 0.00	43.25 0.80 0.00	48.77 1.88 0.00	51.21 1.87 0.00	49.19 1.89 0.00	44.35 2.43 0.00	39.73 2.18 0.00	36.55 2.04 0.00	33.38 2.47 0.00	30.27 2.55 0.00
INDECK___CORINTH 23802	27.05 0.86 0.00	24.89 0.82 0.00	23.89 0.83 0.00	22.15 0.77 0.00	21.71 0.75 0.00	23.09 0.80 0.00	23.95 0.88 0.00	26.30 1.11 0.00	28.76 1.24 0.00	29.89 1.13 0.35	30.52 1.05 0.59	32.96 1.11 0.67	36.02 1.13 0.32	38.51 1.27 0.17	40.50 1.39 0.70	43.69 1.78 0.53	48.59 2.34 0.65	52.47 3.16 0.02	50.37 3.07 0.00	44.40 2.47 0.00	39.81 2.25 0.00	36.66 2.14 0.00	32.60 1.70 0.00	29.11 1.39 0.00
INDECK___ILION 23567	26.26 0.08 0.00	24.14 0.07 0.00	23.13 0.07 0.00	21.42 0.04 0.00	21.00 0.04 0.00	22.33 0.04 0.00	23.12 0.05 0.00	25.20 0.00 0.00	27.52 0.00 0.00	29.11 0.00 0.00	30.15 0.09 0.00	32.65 0.13 0.00	35.39 0.18 0.00	37.63 0.22 0.00	39.93 0.12 0.00	42.70 0.25 0.00	47.13 0.23 0.00	49.58 0.25 0.00	47.48 0.19 0.00	41.97 0.04 0.00	37.55 0.00 0.00	34.52 0.00 0.00	30.87 -0.03 0.00	27.69 -0.03 0.00
INDECK___OLEAN 23982	27.65 1.47 0.00	25.35 1.27 0.00	24.10 1.04 0.00	22.15 0.77 0.00	21.84 0.88 0.00	23.47 1.18 0.00	24.21 1.13 0.00	25.93 0.73 0.00	27.95 0.44 0.00	29.54 0.44 0.00	30.48 0.42 0.00	33.69 1.17 0.00	36.42 1.20 0.00	38.53 1.12 0.00	40.80 1.00 0.00	42.91 0.47 0.00	48.30 1.41 0.00	50.77 1.43 0.00	48.76 1.47 0.00	43.18 1.26 0.00	38.30 0.75 0.00	35.65 1.14 0.00	31.61 0.71 0.00	29.08 1.36 0.00
INDECK___OSWEGO 23783	25.90 -0.29 0.00	23.78 -0.29 0.00	22.81 -0.25 0.00	21.12 -0.26 0.00	20.73 -0.23 0.00	22.06 -0.22 0.00	22.82 -0.25 0.00	24.87 -0.33 0.00	27.10 -0.41 0.00	28.67 -0.44 0.00	29.64 -0.42 0.00	32.23 -0.29 0.00	34.65 -0.56 0.00	36.85 -0.56 0.00	39.17 -0.64 0.00	41.76 -0.68 0.00	46.90 -0.51 -0.52	48.75 -0.59 0.00	46.68 -0.62 0.00	41.30 -0.63 0.00	36.95 -0.60 0.00	33.96 -0.55 0.00	30.59 -0.31 0.00	27.47 -0.25 0.00

INDECK___YERKES 23781	27.49 1.31 0.00	25.25 1.18 0.00	24.07 1.01 0.00	22.08 0.70 0.00	21.73 0.78 0.00	23.31 1.03 0.00	23.97 0.90 0.00	25.65 0.45 0.00	27.54 0.03 0.00	29.17 0.06 0.00	29.97 -0.09 0.00	33.30 0.78 0.00	36.45 1.23 0.00	38.49 1.09 0.00	40.76 0.95 0.00	42.96 0.51 0.00	48.07 1.17 0.00	50.37 1.04 0.00	48.43 1.13 0.00	43.01 1.09 0.00	38.15 0.60 0.00	35.31 0.79 0.00	31.43 0.52 0.00	28.88 1.16 0.00
INDIAN POINT_GT_1 24139	27.86 1.68 0.00	25.64 1.56 0.00	24.47 1.41 0.00	22.75 1.37 0.00	22.13 1.17 0.00	23.56 1.27 0.00	24.53 1.45 0.00	27.01 1.81 0.00	29.66 2.15 0.00	31.61 2.21 -0.29	32.65 2.10 -0.49	35.22 2.15 -0.56	37.67 2.18 -0.27	39.83 2.28 -0.14	42.78 2.39 -0.59	45.56 2.67 -0.44	50.91 3.47 -0.54	53.55 4.19 -0.02	50.75 3.45 0.00	44.06 2.14 0.00	39.69 2.14 0.00	36.69 2.17 0.00	33.04 2.13 0.00	29.63 1.91 0.00
INDIAN POINT_GT_2 23659	27.86 1.68 0.00	25.64 1.56 0.00	24.47 1.41 0.00	22.75 1.37 0.00	22.13 1.17 0.00	23.56 1.27 0.00	24.53 1.45 0.00	27.01 1.81 0.00	29.66 2.15 0.00	31.61 2.21 -0.29	32.65 2.10 -0.49	35.22 2.15 -0.56	37.67 2.18 -0.27	39.83 2.28 -0.14	42.78 2.39 -0.59	45.56 2.67 -0.44	50.91 3.47 -0.54	53.55 4.19 -0.02	50.75 3.45 0.00	44.06 2.14 0.00	39.69 2.14 0.00	36.69 2.17 0.00	33.04 2.13 0.00	29.63 1.91 0.00
INDIAN POINT_GT_3 24019	27.86 1.68 0.00	25.64 1.56 0.00	24.47 1.41 0.00	22.75 1.37 0.00	22.13 1.17 0.00	23.56 1.27 0.00	24.53 1.45 0.00	27.01 1.81 0.00	29.66 2.15 0.00	31.61 2.21 -0.29	32.65 2.10 -0.49	35.22 2.15 -0.56	37.67 2.18 -0.27	39.83 2.28 -0.14	42.78 2.39 -0.59	45.56 2.67 -0.44	50.91 3.47 -0.54	53.55 4.19 -0.02	50.75 3.45 0.00	44.06 2.14 0.00	39.69 2.14 0.00	36.69 2.17 0.00	33.04 2.13 0.00	29.63 1.91 0.00
INDIAN POINT___2 23530	27.86 1.68 0.00	25.59 1.52 0.00	24.44 1.38 0.00	22.73 1.35 0.00	22.22 1.26 0.00	23.53 1.25 0.00	24.51 1.43 0.00	26.96 1.76 0.00	29.61 2.09 0.00	31.54 2.15 -0.28	32.76 2.22 -0.47	35.14 2.08 -0.54	37.59 2.11 -0.26	39.71 2.17 -0.14	42.64 2.27 -0.56	45.42 2.55 -0.43	50.75 3.33 -0.52	53.40 4.05 -0.02	50.60 3.26 0.00	43.94 2.01 0.00	39.62 2.06 0.00	36.62 2.11 0.00	32.97 2.07 0.00	29.58 1.86 0.00
INDIAN POINT___3 23531	27.84 1.65 0.00	25.59 1.52 0.00	24.44 1.38 0.00	22.73 1.35 0.00	22.11 1.15 0.00	23.53 1.25 0.00	24.51 1.43 0.00	26.96 1.76 0.00	29.58 2.06 0.00	31.53 2.12 -0.30	32.60 2.04 -0.49	35.16 2.08 -0.56	37.57 2.08 -0.27	39.68 2.13 -0.14	42.62 2.23 -0.59	45.39 2.50 -0.45	50.77 3.33 -0.55	53.35 4.00 -0.02	50.56 3.26 0.00	43.94 2.01 0.00	39.58 2.03 0.00	36.59 2.07 0.00	32.94 2.04 0.00	29.55 1.83 0.00
INGHAM_C_115KV_TB7 356103	26.16 -0.03 0.00	24.05 -0.02 0.00	23.04 -0.02 0.00	21.32 -0.06 0.00	20.90 -0.06 0.00	22.24 -0.04 0.00	22.96 -0.12 0.00	25.02 -0.18 0.00	27.32 -0.19 0.00	28.93 -0.17 0.00	30.00 -0.06 0.00	32.52 0.00 0.00	35.25 0.04 0.00	37.52 0.11 0.00	39.73 -0.08 0.00	42.57 0.13 0.00	46.85 -0.05 0.00	49.24 -0.10 0.00	47.11 -0.19 0.00	41.59 -0.34 0.00	37.18 -0.38 0.00	34.21 -0.31 0.00	30.56 -0.34 0.00	27.42 -0.30 0.00
IP CORINTH___1 23988	27.23 1.05 0.00	25.01 0.94 0.00	24.00 0.95 0.00	22.28 0.90 0.00	21.78 0.82 0.00	23.20 0.91 0.00	24.07 0.99 0.00	26.46 1.26 0.00	28.89 1.38 0.00	30.04 1.28 0.35	30.61 1.14 0.59	33.16 1.30 0.67	36.23 1.34 0.32	38.74 1.50 0.17	40.74 1.63 0.70	43.95 2.04 0.53	48.87 2.63 0.65	52.72 3.40 0.02	50.65 3.36 0.00	44.65 2.73 0.00	40.03 2.48 0.00	36.86 2.35 0.00	32.79 1.89 0.00	29.27 1.55 0.00
IP___TICONDEROGA 23804	28.60 2.41 0.00	26.24 2.17 0.00	25.23 2.17 0.00	23.37 1.99 0.00	22.87 1.91 0.00	24.42 2.14 0.00	25.36 2.28 0.00	28.02 2.82 0.00	30.52 3.00 0.00	31.63 2.88 0.36	32.43 2.98 0.60	35.29 3.45 0.68	38.52 3.63 0.33	41.39 4.15 0.17	43.51 4.42 0.72	47.12 5.22 0.54	52.37 6.14 0.67	56.52 7.20 0.02	54.34 7.05 0.00	47.96 6.04 0.00	42.81 5.26 0.00	39.45 4.94 0.00	34.86 3.96 0.00	31.05 3.33 0.00
ISLIP_RES_REC 323679	34.36 3.14 -5.03	30.90 2.84 -3.99	25.71 2.65 0.00	23.84 2.46 0.00	23.31 2.35 0.00	24.69 2.41 0.00	25.81 2.72 -0.02	32.29 3.15 -3.94	34.06 3.66 -2.88	33.94 3.76 -1.08	33.83 3.28 -0.50	36.44 3.35 -0.56	38.90 3.42 -0.27	41.22 3.67 -0.14	47.71 4.22 -3.68	47.27 4.37 -0.45	52.93 5.48 -0.55	56.01 6.66 -0.01	52.82 5.53 0.01	45.56 3.65 0.01	41.36 3.68 -0.13	38.00 3.48 0.00	34.31 3.40 0.00	32.34 3.44 -1.19
JAMAICA__27_KV_LOAD 355505	28.39 2.20 0.00	26.07 2.00 0.00	24.83 1.78 0.00	23.07 1.69 0.00	22.38 1.43 0.00	23.87 1.58 0.00	24.94 1.87 0.00	27.64 2.44 0.00	30.46 2.94 0.00	32.52 3.11 -0.30	33.45 2.89 -0.50	35.92 2.83 -0.57	38.31 2.82 -0.28	40.51 2.96 -0.14	43.47 3.07 -0.60	46.51 3.61 -0.46	52.00 4.55 -0.56	54.64 5.28 -0.02	51.69 4.40 0.00	44.69 2.77 0.00	40.29 2.74 0.00	37.31 2.80 0.00	33.87 2.97 0.00	30.24 2.52 0.00
JANIS___SOLAR 323808	27.76 1.57 0.00	25.49 1.42 0.00	24.40 1.34 0.00	22.47 1.09 0.00	22.09 1.13 0.00	23.62 1.34 0.00	24.53 1.45 0.00	26.53 1.33 0.00	28.67 1.16 0.00	30.19 1.08 0.00	31.17 1.11 0.00	33.99 1.46 0.00	37.01 1.80 0.00	39.43 2.02 0.00	41.76 1.95 0.00	44.86 2.42 0.00	50.28 3.28 -0.10	52.89 3.55 0.00	51.08 3.79 0.00	45.28 3.36 0.00	40.45 2.89 0.00	36.93 2.42 0.00	32.85 1.95 0.00	29.50 1.78 0.00
JARVIS____ 23743	26.26 0.08 0.00	24.14 0.07 0.00	23.13 0.07 0.00	21.44 0.06 0.00	21.02 0.06 0.00	22.35 0.07 0.00	23.14 0.07 0.00	25.27 0.08 0.00	27.60 0.08 0.00	29.17 0.06 0.00	30.15 0.09 0.00	32.62 0.10 0.00	35.32 0.11 0.00	37.56 0.15 0.00	39.89 0.08 0.00	42.57 0.13 0.00	47.08 0.19 0.00	49.58 0.25 0.00	47.49 0.19 0.00	42.01 0.08 0.00	37.63 0.08 0.00	34.62 0.10 0.00	30.97 0.06 0.00	27.78 0.06 0.00
JENNISON___1 23625	27.91 1.73 0.00	25.64 1.56 0.00	24.53 1.48 0.00	22.58 1.20 0.00	22.15 1.19 0.00	23.71 1.43 0.00	24.67 1.59 0.00	26.71 1.51 0.00	28.97 1.46 0.00	30.56 1.46 0.00	31.74 1.68 0.00	34.44 1.92 0.00	37.58 2.36 0.00	39.99 2.58 0.00	42.39 2.59 0.00	45.46 3.01 0.00	50.62 3.66 -0.07	53.18 3.85 0.00	51.22 3.93 0.00	45.28 3.35 0.00	40.52 2.97 0.00	37.04 2.52 0.00	32.97 2.07 0.00	29.58 1.86 0.00
JENNISON___2 23626	27.91 1.73 0.00	25.64 1.56 0.00	24.53 1.48 0.00	22.58 1.20 0.00	22.15 1.19 0.00	23.71 1.43 0.00	24.67 1.59 0.00	26.71 1.51 0.00	28.97 1.46 0.00	30.56 1.46 0.00	31.74 1.68 0.00	34.44 1.92 0.00	37.58 2.36 0.00	39.99 2.58 0.00	42.39 2.59 0.00	45.46 3.01 0.00	50.62 3.66 -0.07	53.18 3.85 0.00	51.22 3.93 0.00	45.28 3.35 0.00	40.52 2.97 0.00	37.04 2.52 0.00	32.97 2.07 0.00	29.58 1.86 0.00

JERICO_RISE_WT_PWR 323719	26.13 -0.05 0.00	24.02 -0.05 0.00	22.92 -0.14 0.00	21.27 -0.11 0.00	20.90 -0.06 0.00	22.31 0.02 0.00	23.03 -0.05 0.00	25.22 0.03 0.00	27.52 0.00 0.00	29.31 0.21 0.00	30.33 0.27 0.00	32.59 0.07 0.00	35.43 0.21 0.00	37.52 0.11 0.00	40.05 0.24 0.00	42.70 0.26 0.00	46.75 -0.14 0.00	48.79 -0.54 0.00	47.20 -0.09 0.00	42.13 0.21 0.00	37.48 -0.07 0.00	34.17 -0.35 0.00	30.44 -0.46 0.00	27.14 -0.58 0.00
KATONAH__115KV_46KV_TB4 355592	28.02 1.83 0.00	25.78 1.71 0.00	24.60 1.54 0.00	22.90 1.52 0.00	22.26 1.30 0.00	23.67 1.38 0.00	24.62 1.55 0.00	27.21 2.02 0.00	29.91 2.39 0.00	31.91 2.50 -0.30	32.87 2.31 -0.50	35.43 2.34 -0.56	38.13 2.64 -0.27	40.40 2.84 -0.14	43.42 3.03 -0.59	46.21 3.31 -0.45	51.67 4.22 -0.55	54.34 4.98 -0.02	51.46 4.16 0.00	44.77 2.85 0.00	40.14 2.59 0.00	37.04 2.52 0.00	33.25 2.35 0.00	29.91 2.19 0.00
KCE_NY_1 323755	27.52 1.33 0.00	25.30 1.23 0.00	24.30 1.24 0.00	22.53 1.15 0.00	22.07 1.11 0.00	23.47 1.18 0.00	24.32 1.25 0.00	26.63 1.44 0.00	29.11 1.60 0.00	30.31 1.57 0.37	31.00 1.56 0.62	33.48 1.66 0.70	36.61 1.73 0.34	39.14 1.91 0.18	41.14 2.07 0.74	44.30 2.42 0.56	49.26 3.05 0.68	53.11 3.80 0.03	50.84 3.55 0.00	44.73 2.81 0.00	40.11 2.55 0.00	36.90 2.38 0.00	32.94 2.04 0.00	29.47 1.75 0.00
KCE_NY_6_ESR 323823	27.70 1.52 0.00	25.42 1.35 0.00	24.23 1.18 0.00	22.24 0.86 0.00	21.88 0.92 0.00	23.47 1.18 0.00	24.16 1.08 0.00	25.88 0.68 0.00	27.79 0.28 0.00	29.43 0.32 0.00	30.27 0.21 0.00	33.59 1.07 0.00	36.73 1.51 0.00	38.98 1.57 0.00	41.28 1.47 0.00	43.51 1.06 0.00	48.72 1.83 0.00	51.06 1.73 0.00	49.09 1.80 0.00	43.60 1.68 0.00	38.68 1.13 0.00	35.59 1.07 0.00	31.68 0.77 0.00	29.11 1.39 0.00
KEDC_PORT_JEFF_GT2 24210	34.08 2.85 -5.04	30.64 2.58 -3.99	25.48 2.42 0.00	23.62 2.24 0.00	23.10 2.14 0.00	24.47 2.19 0.00	25.58 2.49 -0.02	32.00 2.85 -3.95	33.73 3.33 -2.89	33.57 3.37 -1.08	33.50 2.95 -0.50	36.01 2.93 -0.56	38.38 2.89 -0.27	40.62 3.07 -0.14	46.31 3.54 -2.96	46.29 3.40 -0.45	51.81 4.36 -0.55	54.83 5.48 -0.01	51.73 4.44 0.01	44.60 2.69 0.01	40.69 3.04 -0.09	37.45 2.93 0.00	33.90 3.00 0.00	32.01 3.10 -1.19
KEDC_PORT_JEFF_GT3 24211	34.08 2.85 -5.04	30.64 2.58 -3.99	25.48 2.42 0.00	23.62 2.24 0.00	23.10 2.14 0.00	24.47 2.19 0.00	25.58 2.49 -0.02	32.00 2.85 -3.95	33.73 3.33 -2.89	33.57 3.37 -1.08	33.50 2.95 -0.50	36.01 2.93 -0.56	38.38 2.89 -0.27	40.62 3.07 -0.14	46.31 3.54 -2.96	46.29 3.40 -0.45	51.81 4.36 -0.55	54.83 5.48 -0.01	51.73 4.44 0.01	44.60 2.69 0.01	40.69 3.04 -0.09	37.45 2.93 0.00	33.90 3.00 0.00	32.01 3.10 -1.19
KEDC_GLWD_GT4 24219	32.11 2.22 -3.70	29.02 2.02 -2.92	24.95 1.89 0.00	23.18 1.80 0.00	22.66 1.70 0.00	23.98 1.69 0.00	25.00 1.91 -0.01	30.43 2.34 -2.89	32.38 2.75 -2.11	32.86 2.88 -0.87	33.48 2.91 -0.51	36.02 2.93 -0.57	38.21 2.71 -0.28	40.44 2.88 -0.15	43.52 3.11 -0.60	46.34 3.44 -0.46	51.77 4.31 -0.56	54.49 5.13 -0.02	51.51 4.21 0.00	44.57 2.64 0.00	40.15 2.59 0.00	37.07 2.55 0.00	33.62 2.72 0.00	31.11 2.52 -0.87
KEDC_GLWD_GT5 24220	32.11 2.22 -3.70	29.02 2.02 -2.92	24.95 1.89 0.00	23.18 1.80 0.00	22.66 1.70 0.00	23.98 1.69 0.00	25.00 1.91 -0.01	30.43 2.34 -2.89	32.38 2.75 -2.11	32.86 2.88 -0.87	33.48 2.91 -0.51	36.02 2.93 -0.57	38.21 2.71 -0.28	40.44 2.88 -0.15	43.52 3.11 -0.60	46.34 3.44 -0.46	51.77 4.31 -0.56	54.49 5.13 -0.02	51.51 4.21 0.00	44.57 2.64 0.00	40.15 2.59 0.00	37.07 2.55 0.00	33.62 2.72 0.00	31.11 2.52 -0.87
KENSICO____ 23655	27.97 1.78 0.00	25.71 1.64 0.00	24.53 1.48 0.00	22.81 1.43 0.00	22.20 1.24 0.00	23.62 1.34 0.00	24.60 1.52 0.00	27.11 1.91 0.00	29.77 2.26 0.00	31.77 2.36 -0.30	32.82 2.25 -0.50	35.40 2.31 -0.57	37.82 2.32 -0.27	39.95 2.39 -0.14	42.91 2.51 -0.60	45.74 2.84 -0.45	51.11 3.66 -0.56	53.70 4.34 -0.02	50.89 3.59 0.00	44.19 2.26 0.00	39.81 2.25 0.00	36.79 2.28 0.00	33.16 2.26 0.00	29.72 2.00 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	27.99 1.81 0.00	25.73 1.66 0.00	24.56 1.50 0.00	22.83 1.45 0.00	22.17 1.22 0.00	23.58 1.29 0.00	24.53 1.45 0.00	26.76 1.56 0.00	29.33 1.82 0.00	31.12 1.86 -0.14	32.16 1.86 -0.24	34.71 1.92 -0.27	37.32 1.97 -0.13	39.61 2.13 -0.07	42.32 2.23 -0.29	45.25 2.59 -0.22	50.54 3.38 -0.27	53.29 3.95 -0.01	50.56 3.26 0.00	43.98 2.05 0.00	39.66 2.10 0.00	36.59 2.07 0.00	32.94 2.04 0.00	29.52 1.80 0.00
KIAC_JFK_GT1 23816	28.31 2.12 0.00	26.00 1.93 0.00	24.77 1.71 0.00	23.00 1.62 0.00	22.34 1.38 0.00	23.80 1.52 0.00	24.87 1.80 0.00	27.56 2.37 0.00	30.38 2.86 0.00	32.44 3.03 -0.30	33.30 2.74 -0.50	35.82 2.73 -0.57	38.17 2.68 -0.28	40.36 2.81 -0.14	43.35 2.95 -0.60	46.34 3.44 -0.46	51.81 4.36 -0.56	54.44 5.08 -0.02	51.50 4.21 0.00	44.56 2.64 0.00	40.18 2.63 0.00	37.21 2.69 0.00	33.78 2.87 0.00	30.16 2.44 0.00
KIAC_JFK_GT2 23817	28.31 2.12 0.00	26.00 1.93 0.00	24.77 1.71 0.00	23.00 1.62 0.00	22.34 1.38 0.00	23.80 1.52 0.00	24.87 1.80 0.00	27.56 2.37 0.00	30.38 2.86 0.00	32.44 3.03 -0.30	33.30 2.74 -0.50	35.82 2.73 -0.57	38.17 2.68 -0.28	40.36 2.81 -0.14	43.35 2.95 -0.60	46.34 3.44 -0.46	51.81 4.36 -0.56	54.44 5.08 -0.02	51.50 4.21 0.00	44.56 2.64 0.00	40.18 2.63 0.00	37.21 2.69 0.00	33.78 2.87 0.00	30.16 2.44 0.00
KIAC_JFK____ 323774	28.31 2.12 0.00	26.00 1.93 0.00	24.77 1.71 0.00	23.00 1.62 0.00	22.47 1.51 0.00	23.80 1.52 0.00	24.88 1.80 0.00	27.56 2.37 0.00	30.38 2.86 0.00	32.44 3.03 -0.30	33.48 2.91 -0.50	35.82 2.73 -0.57	38.21 2.71 -0.28	40.36 2.81 -0.14	43.35 2.95 -0.60	46.34 3.44 -0.46	51.81 4.36 -0.56	54.44 5.08 -0.02	51.55 4.26 0.00	44.57 2.64 0.00	40.18 2.63 0.00	37.21 2.69 0.00	33.78 2.87 0.00	30.16 2.44 0.00
KINTIGH____ 23543	26.97 0.79 0.00	24.77 0.70 0.00	23.66 0.60 0.00	21.72 0.34 0.00	21.36 0.40 0.00	22.86 0.58 0.00	23.58 0.51 0.00	25.35 0.15 0.00	27.30 -0.22 0.00	28.90 -0.20 0.00	30.30 0.24 0.00	32.81 0.29 0.00	35.82 0.60 0.00	37.90 0.49 0.00	40.24 0.44 0.00	42.36 -0.08 0.00	47.46 0.56 0.00	49.78 0.44 0.00	47.82 0.52 0.00	42.47 0.55 0.00	37.78 0.23 0.00	34.76 0.24 0.00	31.03 0.12 0.00	28.39 0.67 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	26.47 0.29 0.00	24.34 0.26 0.00	23.17 0.12 0.00	21.51 0.13 0.00	21.21 0.25 0.00	22.62 0.33 0.00	23.31 0.23 0.00	25.55 0.35 0.00	27.85 0.33 0.00	29.72 0.61 0.00	30.63 0.57 0.00	33.07 0.55 0.00	35.96 0.74 0.00	38.04 0.64 0.00	40.60 0.80 0.00	43.29 0.85 0.00	47.50 0.61 0.00	49.68 0.35 0.00	48.05 0.76 0.00	42.85 0.92 0.00	38.08 0.53 0.00	34.69 0.17 0.00	30.87 -0.03 0.00	27.50 -0.22 0.00

LACHUTE____HYDRO 323717	28.57 2.38 0.00	26.24 2.17 0.00	25.23 2.17 0.00	23.37 1.99 0.00	22.91 1.95 0.00	24.42 2.14 0.00	25.36 2.28 0.00	28.02 2.82 0.00	30.52 3.00 0.00	31.63 2.88 0.36	32.49 3.03 0.60	35.29 3.45 0.68	38.52 3.63 0.33	41.39 4.15 0.17	43.51 4.42 0.72	47.12 5.22 0.54	52.37 6.14 0.67	56.52 7.20 0.02	54.34 7.05 0.00	47.96 6.04 0.00	42.81 5.26 0.00	39.45 4.94 0.00	34.86 3.96 0.00	31.04 3.32 0.00
LAWRNCAY_115KV_TB1 80681	25.11 -1.07 0.00	23.09 -0.99 0.00	22.04 -1.01 0.00	20.42 -0.96 0.00	20.10 -0.86 0.00	21.39 -0.89 0.00	22.11 -0.97 0.00	24.16 -1.03 0.00	26.33 -1.18 0.00	28.03 -1.08 0.00	28.95 -1.11 0.00	31.29 -1.24 0.00	33.99 -1.23 0.00	36.14 -1.27 0.00	38.49 -1.31 0.00	41.17 -1.27 0.00	44.88 -2.02 0.00	46.43 -2.91 0.00	45.26 -2.03 0.00	40.67 -1.26 0.00	36.35 -1.20 0.00	33.24 -1.28 0.00	29.64 -1.27 0.00	26.44 -1.28 0.00
LEDERLE____ 23769	27.94 1.75 0.00	25.68 1.61 0.00	24.51 1.45 0.00	22.77 1.39 0.00	22.15 1.19 0.00	23.58 1.29 0.00	24.55 1.48 0.00	26.99 1.79 0.00	29.61 2.09 0.00	31.53 2.15 -0.27	32.62 2.10 -0.45	35.18 2.15 -0.51	37.61 2.15 -0.25	39.78 2.24 -0.13	42.66 2.31 -0.54	45.49 2.63 -0.41	50.82 3.42 -0.50	53.50 4.14 -0.02	50.70 3.41 0.00	44.02 2.10 0.00	39.69 2.14 0.00	36.69 2.17 0.00	33.00 2.10 0.00	29.60 1.88 0.00
LIGHTHSE_115KV_TB6 355974	26.19 0.00 0.00	24.05 -0.02 0.00	23.04 -0.02 0.00	21.29 -0.09 0.00	20.92 -0.04 0.00	22.29 0.00 0.00	23.12 0.05 0.00	25.12 -0.08 0.00	27.35 -0.17 0.00	28.93 -0.17 0.00	29.97 -0.09 0.00	32.55 0.03 0.00	35.29 0.07 0.00	37.56 0.15 0.00	39.93 0.12 0.00	42.70 0.25 0.00	47.60 0.42 -0.28	49.53 0.20 0.00	47.63 0.33 0.00	42.22 0.29 0.00	37.82 0.26 0.00	34.65 0.14 0.00	30.93 0.03 0.00	27.75 0.03 0.00
LINDEN COGEN____ 23786	28.02 1.83 0.00	25.73 1.66 0.00	24.54 1.48 0.00	22.81 1.43 0.00	22.32 1.36 0.00	23.60 1.31 0.00	24.62 1.55 0.00	27.21 2.02 0.00	29.94 2.42 0.00	31.94 2.53 -0.30	33.15 2.59 -0.50	35.50 2.41 -0.57	37.85 2.36 -0.28	39.95 2.40 -0.14	42.87 2.47 -0.60	45.79 2.89 -0.46	51.11 3.66 -0.56	53.70 4.34 -0.02	50.80 3.50 0.00	43.98 2.05 0.00	39.66 2.10 0.00	36.79 2.28 0.00	33.28 2.38 0.00	29.80 2.08 0.00
LINDHRST_69_KV_BK1 356055	33.91 2.95 -4.87	30.53 2.60 -3.85	25.46 2.40 0.00	23.69 2.31 0.00	23.01 2.05 0.00	24.49 2.21 0.00	25.58 2.49 -0.01	31.96 2.95 -3.81	33.68 3.38 -2.78	33.69 3.52 -1.06	33.50 2.95 -0.50	36.37 3.28 -0.56	38.73 3.24 -0.27	41.11 3.55 -0.14	45.71 3.82 -2.08	47.05 4.16 -0.45	52.61 5.16 -0.55	55.52 6.17 -0.01	52.44 5.16 0.01	45.31 3.40 0.01	41.03 3.42 -0.06	37.76 3.24 0.00	34.09 3.18 -0.01	32.06 3.19 -1.15
LIPA_MISC_IPP 23656	34.01 2.78 -5.05	30.58 2.50 -4.00	25.39 2.33 0.00	23.58 2.20 0.00	22.95 1.99 0.00	24.38 2.09 0.00	25.54 2.45 -0.02	32.03 2.87 -3.96	33.68 3.27 -2.89	33.42 3.23 -1.09	33.02 2.46 -0.50	35.95 2.86 -0.56	38.23 2.75 -0.27	40.62 3.07 -0.14	46.21 3.22 -3.18	46.54 3.65 -0.45	52.09 4.64 -0.55	55.12 5.77 -0.01	52.02 4.73 0.01	44.85 2.93 0.01	40.70 3.04 -0.10	37.38 2.86 0.00	33.75 2.84 0.00	31.90 2.99 -1.19
LISF____SOLAR 323691	34.04 2.80 -5.05	30.60 2.53 -4.00	25.46 2.40 0.00	23.58 2.20 0.00	23.07 2.12 0.00	24.42 2.14 0.00	25.56 2.47 -0.02	31.97 2.82 -3.96	33.70 3.30 -2.89	33.48 3.29 -1.08	33.47 2.91 -0.50	36.01 2.93 -0.56	38.45 2.96 -0.27	40.73 3.18 -0.14	46.63 3.62 -3.21	46.67 3.78 -0.45	52.18 4.73 -0.55	55.27 5.92 -0.01	52.16 4.87 0.01	44.94 3.02 0.01	40.77 3.12 -0.10	37.45 2.93 0.00	33.84 2.94 0.00	31.93 3.02 -1.19
LITTLE FALLS____HYD 24013	26.16 -0.03 0.00	24.05 -0.02 0.00	23.04 -0.02 0.00	21.32 -0.06 0.00	20.90 -0.06 0.00	22.24 -0.04 0.00	22.96 -0.12 0.00	25.02 -0.18 0.00	27.32 -0.19 0.00	28.93 -0.17 0.00	30.00 -0.06 0.00	32.52 0.00 0.00	35.25 0.04 0.00	37.52 0.11 0.00	39.73 -0.08 0.00	42.57 0.13 0.00	46.85 -0.05 0.00	49.24 -0.10 0.00	47.11 -0.19 0.00	41.59 -0.34 0.00	37.18 -0.38 0.00	34.21 -0.31 0.00	30.56 -0.34 0.00	27.42 -0.30 0.00
LITTLRIV_115KV_TB1 356100	25.32 -0.86 0.00	23.25 -0.82 0.00	22.21 -0.85 0.00	20.55 -0.83 0.00	20.25 -0.71 0.00	21.55 -0.74 0.00	22.31 -0.76 0.00	24.34 -0.86 0.00	26.50 -1.02 0.00	28.21 -0.90 0.00	29.19 -0.87 0.00	31.58 -0.94 0.00	34.37 -0.85 0.00	36.59 -0.82 0.00	38.89 -0.92 0.00	41.72 -0.72 0.00	45.39 -1.55 -0.04	46.82 -2.52 0.00	45.69 -1.61 0.00	41.09 -0.84 0.00	36.76 -0.79 0.00	33.55 -0.97 0.00	29.91 -0.99 0.00	26.67 -1.05 0.00
LI_NEWBRDGE____DRP 323616	33.52 2.17 -5.16	30.16 2.00 -4.09	24.90 1.84 0.00	23.18 1.80 0.00	22.51 1.55 0.00	23.96 1.67 0.00	25.01 1.92 -0.02	31.53 2.29 -4.04	33.14 2.67 -2.95	32.98 2.77 -1.10	32.87 2.31 -0.50	35.59 2.50 -0.56	37.92 2.43 -0.27	40.20 2.66 -0.14	43.26 2.87 -0.59	46.12 3.23 -0.45	51.52 4.08 -0.55	54.28 4.93 -0.01	51.31 4.02 0.01	44.31 2.39 0.01	39.95 2.40 0.01	36.86 2.35 0.01	33.31 2.41 0.00	31.35 2.41 -1.22
LOCKPORT_115KV_TB60_63_64 80432	27.36 1.18 0.00	25.16 1.08 0.00	24.00 0.95 0.00	22.00 0.62 0.00	21.63 0.67 0.00	23.22 0.94 0.00	23.81 0.74 0.00	25.45 0.25 0.00	27.32 -0.19 0.00	28.93 -0.17 0.00	30.48 0.42 0.00	32.98 0.46 0.00	36.13 0.92 0.00	38.19 0.79 0.00	40.52 0.72 0.00	42.66 0.21 0.00	47.79 0.89 0.00	50.08 0.74 0.00	48.15 0.85 0.00	42.80 0.88 0.00	38.00 0.45 0.00	35.00 0.48 0.00	31.18 0.28 0.00	28.66 0.94 0.00
LOCKPORT____CC1 323769	27.37 1.18 0.00	25.13 1.06 0.00	23.96 0.90 0.00	21.98 0.60 0.00	21.63 0.67 0.00	23.20 0.91 0.00	23.84 0.76 0.00	25.45 0.25 0.00	27.32 -0.19 0.00	28.93 -0.17 0.00	29.67 -0.39 0.00	32.98 0.46 0.00	36.03 0.81 0.00	38.20 0.79 0.00	40.48 0.68 0.00	42.61 0.17 0.00	47.74 0.84 0.00	50.03 0.69 0.00	48.10 0.80 0.00	42.76 0.84 0.00	38.01 0.45 0.00	34.96 0.45 0.00	31.18 0.28 0.00	28.69 0.97 0.00
LOCKPORT____CC2 323770	27.37 1.18 0.00	25.13 1.06 0.00	23.96 0.90 0.00	21.98 0.60 0.00	21.63 0.67 0.00	23.20 0.91 0.00	23.84 0.76 0.00	25.45 0.25 0.00	27.32 -0.19 0.00	28.93 -0.17 0.00	29.67 -0.39 0.00	32.98 0.46 0.00	36.03 0.81 0.00	38.20 0.79 0.00	40.48 0.68 0.00	42.61 0.17 0.00	47.74 0.84 0.00	50.03 0.69 0.00	48.10 0.80 0.00	42.76 0.84 0.00	38.01 0.45 0.00	34.96 0.45 0.00	31.18 0.28 0.00	28.69 0.97 0.00
LOCKPORT____CC3 323771	27.37 1.18 0.00	25.13 1.06 0.00	23.96 0.90 0.00	21.98 0.60 0.00	21.63 0.67 0.00	23.20 0.91 0.00	23.84 0.76 0.00	25.45 0.25 0.00	27.32 -0.19 0.00	28.93 -0.17 0.00	29.67 -0.39 0.00	32.98 0.46 0.00	36.03 0.81 0.00	38.20 0.79 0.00	40.48 0.68 0.00	42.61 0.17 0.00	47.74 0.84 0.00	50.03 0.69 0.00	48.10 0.80 0.00	42.76 0.84 0.00	38.01 0.45 0.00	34.96 0.45 0.00	31.18 0.28 0.00	28.69 0.97 0.00

LONG_LAKE_PHOENIX 24014	26.03 -0.16 0.00	23.93 -0.14 0.00	22.92 -0.14 0.00	21.23 -0.15 0.00	20.83 -0.13 0.00	22.17 -0.11 0.00	22.96 -0.12 0.00	24.99 -0.20 0.00	27.27 -0.25 0.00	28.85 -0.26 0.00	29.91 -0.15 0.00	32.46 -0.07 0.00	35.18 -0.04 0.00	37.41 0.00 0.00	39.69 -0.12 0.00	42.44 0.00 0.00	47.43 0.14 -0.39	49.44 0.10 0.00	47.39 0.09 0.00	41.88 -0.04 0.00	37.44 -0.11 0.00	34.38 -0.14 0.00	30.78 -0.12 0.00	27.66 -0.06 0.00
LOVETT___3 23632	27.81 1.62 0.00	25.56 1.49 0.00	24.40 1.34 0.00	22.68 1.30 0.00	22.07 1.11 0.00	23.49 1.20 0.00	24.46 1.38 0.00	26.91 1.71 0.00	29.52 2.01 0.00	31.42 2.04 -0.28	32.47 1.95 -0.46	35.03 1.98 -0.52	37.44 1.97 -0.25	39.56 2.02 -0.13	42.46 2.11 -0.55	45.24 2.38 -0.42	50.59 3.19 -0.51	53.20 3.85 -0.02	50.42 3.12 0.00	43.81 1.89 0.00	39.47 1.92 0.00	36.48 1.97 0.00	32.85 1.95 0.00	29.49 1.77 0.00
LOVETT___4 23642	27.81 1.62 0.00	25.56 1.49 0.00	24.40 1.34 0.00	22.68 1.30 0.00	22.07 1.11 0.00	23.49 1.20 0.00	24.46 1.38 0.00	26.91 1.71 0.00	29.52 2.01 0.00	31.42 2.04 -0.28	32.47 1.95 -0.46	35.03 1.98 -0.52	37.44 1.97 -0.25	39.56 2.02 -0.13	42.46 2.11 -0.55	45.24 2.38 -0.42	50.59 3.19 -0.51	53.20 3.85 -0.02	50.42 3.12 0.00	43.81 1.89 0.00	39.47 1.92 0.00	36.48 1.97 0.00	32.85 1.95 0.00	29.49 1.77 0.00
LOVETT___5 23593	27.81 1.62 0.00	25.56 1.49 0.00	24.40 1.34 0.00	22.68 1.30 0.00	22.07 1.11 0.00	23.49 1.20 0.00	24.46 1.38 0.00	26.91 1.71 0.00	29.52 2.01 0.00	31.42 2.04 -0.28	32.47 1.95 -0.46	35.03 1.98 -0.52	37.44 1.97 -0.25	39.56 2.02 -0.13	42.46 2.11 -0.55	45.24 2.38 -0.42	50.59 3.19 -0.51	53.20 3.85 -0.02	50.42 3.12 0.00	43.81 1.89 0.00	39.47 1.92 0.00	36.48 1.97 0.00	32.85 1.95 0.00	29.49 1.77 0.00
LOWER_RAQUET___HYD 24057	24.98 -1.20 0.00	22.97 -1.11 0.00	21.93 -1.13 0.00	20.29 -1.09 0.00	19.93 -1.03 0.00	21.28 -1.00 0.00	22.01 -1.06 0.00	24.04 -1.16 0.00	26.20 -1.32 0.00	27.89 -1.22 0.00	28.92 -1.14 0.00	31.12 -1.40 0.00	33.84 -1.37 0.00	35.99 -1.42 0.00	38.29 -1.51 0.00	41.00 -1.44 0.00	44.78 -2.16 -0.04	46.13 -3.21 0.00	45.07 -2.22 0.00	40.50 -1.43 0.00	36.20 -1.35 0.00	33.07 -1.45 0.00	29.48 -1.42 0.00	26.31 -1.41 0.00
LOWER___HUDSON 24059	27.16 0.97 0.00	24.96 0.89 0.00	23.98 0.92 0.00	22.26 0.88 0.00	21.80 0.84 0.00	23.13 0.85 0.00	24.00 0.92 0.00	26.23 1.03 0.00	28.73 1.21 0.00	29.81 1.17 0.46	30.43 1.14 0.77	32.79 1.14 0.87	35.96 1.16 0.42	38.42 1.23 0.22	40.24 1.35 0.92	43.32 1.57 0.70	48.15 2.11 0.85	52.02 2.71 0.03	49.71 2.41 0.00	43.64 1.72 0.00	39.20 1.65 0.00	36.11 1.59 0.00	32.30 1.39 0.00	28.94 1.22 0.00
LOWVILLE_115KV_TB2 356335	26.24 0.05 0.00	24.07 0.00 0.00	23.06 0.00 0.00	21.27 -0.11 0.00	20.92 -0.04 0.00	22.31 0.02 0.00	23.21 0.14 0.00	25.17 -0.03 0.00	27.35 -0.17 0.00	29.02 -0.09 0.00	30.00 -0.06 0.00	32.55 0.03 0.00	35.39 0.18 0.00	37.78 0.37 0.00	40.16 0.36 0.00	43.04 0.59 0.00	47.61 0.61 -0.10	49.63 0.30 0.00	47.96 0.66 0.00	42.72 0.80 0.00	38.30 0.75 0.00	34.93 0.41 0.00	30.81 -0.09 0.00	27.55 -0.17 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	27.52 1.34 0.00	25.28 1.20 0.00	24.28 1.22 0.00	22.53 1.15 0.00	22.01 1.05 0.00	23.44 1.16 0.00	24.30 1.22 0.00	26.63 1.44 0.00	29.11 1.60 0.00	30.28 1.54 0.37	30.91 1.47 0.62	33.45 1.63 0.70	36.57 1.69 0.34	39.10 1.87 0.18	41.10 2.03 0.74	44.26 2.38 0.56	49.21 3.00 0.68	53.01 3.70 0.03	50.80 3.50 0.00	44.69 2.77 0.00	40.07 2.52 0.00	36.90 2.38 0.00	32.91 2.01 0.00	29.47 1.75 0.00
LUTHERNY_35_KV_BK2 355980	27.52 1.34 0.00	25.30 1.23 0.00	24.28 1.22 0.00	22.53 1.15 0.00	22.03 1.07 0.00	23.47 1.18 0.00	24.32 1.25 0.00	26.63 1.44 0.00	29.11 1.60 0.00	30.31 1.57 0.37	30.91 1.47 0.62	33.48 1.66 0.70	36.57 1.69 0.34	39.14 1.91 0.18	41.14 2.07 0.74	44.31 2.42 0.56	49.26 3.05 0.68	53.06 3.75 0.03	50.84 3.55 0.00	44.73 2.81 0.00	40.11 2.55 0.00	36.90 2.38 0.00	32.94 2.04 0.00	29.47 1.75 0.00
LWR___OSWEGATCHIE_HYD 23850	25.58 -0.60 0.00	23.47 -0.60 0.00	22.46 -0.60 0.00	20.76 -0.62 0.00	20.41 -0.54 0.00	21.75 -0.53 0.00	22.57 -0.51 0.00	24.54 -0.66 0.00	26.72 -0.80 0.00	28.38 -0.73 0.00	29.31 -0.75 0.00	31.74 -0.78 0.00	34.55 -0.67 0.00	36.81 -0.60 0.00	39.17 -0.64 0.00	41.93 -0.51 0.00	46.13 -0.84 -0.08	47.86 -1.48 0.00	46.49 -0.80 0.00	41.59 -0.34 0.00	37.25 -0.30 0.00	34.00 -0.52 0.00	30.16 -0.74 0.00	26.94 -0.78 0.00
LYONS_FALL_HYD 23570	26.50 0.32 0.00	24.34 0.27 0.00	23.31 0.25 0.00	21.53 0.15 0.00	21.13 0.17 0.00	22.53 0.25 0.00	23.44 0.37 0.00	25.47 0.28 0.00	27.74 0.22 0.00	29.34 0.23 0.00	30.42 0.36 0.00	32.98 0.46 0.00	35.85 0.63 0.00	38.27 0.86 0.00	40.56 0.75 0.00	43.55 1.10 0.00	48.13 1.17 -0.06	50.32 0.99 0.00	48.52 1.23 0.00	43.06 1.13 0.00	38.57 1.01 0.00	35.24 0.73 0.00	31.28 0.37 0.00	28.00 0.28 0.00
MADISON___COUNTY_LFGE 323628	26.89 0.71 0.00	24.70 0.63 0.00	23.66 0.60 0.00	21.83 0.45 0.00	21.42 0.46 0.00	22.86 0.58 0.00	23.77 0.69 0.00	25.85 0.66 0.00	28.15 0.63 0.00	29.78 0.67 0.00	30.90 0.84 0.00	33.53 1.01 0.00	36.49 1.27 0.00	38.87 1.46 0.00	41.24 1.43 0.00	44.18 1.74 0.00	49.02 2.06 -0.06	51.36 2.02 0.00	49.33 2.03 0.00	43.64 1.72 0.00	39.09 1.54 0.00	35.72 1.21 0.00	31.83 0.93 0.00	28.52 0.80 0.00
MALONE___115KV_TB1 356076	26.00 -0.18 0.00	23.88 -0.19 0.00	22.76 -0.30 0.00	21.12 -0.26 0.00	20.81 -0.15 0.00	22.20 -0.09 0.00	22.89 -0.18 0.00	25.07 -0.13 0.00	27.35 -0.17 0.00	29.20 0.09 0.00	30.15 0.09 0.00	32.49 -0.03 0.00	35.36 0.14 0.00	37.45 0.04 0.00	39.93 0.12 0.00	42.66 0.21 0.00	46.66 -0.23 0.00	48.60 -0.74 0.00	47.15 -0.14 0.00	42.13 0.21 0.00	37.52 -0.04 0.00	34.17 -0.35 0.00	30.44 -0.46 0.00	27.11 -0.61 0.00
MAPLEWOD_115KV_TB3 80458	27.18 1.00 0.00	24.96 0.89 0.00	23.98 0.92 0.00	22.28 0.90 0.00	21.73 0.78 0.00	23.15 0.87 0.00	24.00 0.92 0.00	26.28 1.08 0.00	28.75 1.24 0.00	29.98 1.22 0.35	30.65 1.17 0.58	33.13 1.27 0.66	36.17 1.27 0.32	38.66 1.42 0.17	40.66 1.55 0.69	43.78 1.87 0.53	48.64 2.39 0.65	52.37 3.06 0.02	50.04 2.74 0.00	43.94 2.01 0.00	39.43 1.88 0.00	36.28 1.76 0.00	32.42 1.51 0.00	29.02 1.30 0.00
MAPLE_RIDGE_WT_1 323574	26.26 0.08 0.00	24.12 0.05 0.00	23.13 0.07 0.00	21.42 0.04 0.00	21.00 0.04 0.00	22.33 0.04 0.00	23.14 0.07 0.00	25.25 0.05 0.00	27.57 0.06 0.00	29.17 0.06 0.00	30.12 0.06 0.00	32.59 0.07 0.00	35.29 0.07 0.00	37.48 0.07 0.00	39.85 0.04 0.00	42.49 0.04 0.00	47.04 0.14 0.00	49.53 0.20 0.00	47.34 0.05 0.00	41.67 -0.25 0.00	37.10 -0.45 0.00	33.83 -0.69 0.00	30.10 -0.80 0.00	26.89 -0.83 0.00

MAPLE RIDGE_WT_2 323611	26.26 0.08 0.00	24.12 0.05 0.00	23.13 0.07 0.00	21.42 0.04 0.00	21.00 0.04 0.00	22.33 0.04 0.00	23.14 0.07 0.00	25.25 0.05 0.00	27.57 0.06 0.00	29.17 0.06 0.00	30.12 0.06 0.00	32.59 0.07 0.00	35.29 0.07 0.00	37.48 0.07 0.00	39.85 0.04 0.00	42.49 0.04 0.00	47.04 0.14 0.00	49.53 0.20 0.00	47.34 0.05 0.00	41.67 -0.25 0.00	37.10 -0.45 0.00	33.83 -0.69 0.00	30.10 -0.80 0.00	26.89 -0.83 0.00
MARBLE RIVER_WT_PWR 323696	26.24 0.05 0.00	24.12 0.05 0.00	23.01 -0.05 0.00	21.36 -0.02 0.00	20.98 0.02 0.00	22.40 0.11 0.00	23.12 0.05 0.00	25.32 0.13 0.00	27.63 0.11 0.00	29.43 0.32 0.00	30.45 0.39 0.00	32.72 0.20 0.00	35.57 0.35 0.00	37.67 0.26 0.00	40.20 0.40 0.00	42.87 0.42 0.00	46.99 0.09 0.00	49.04 -0.29 0.00	47.44 0.14 0.00	42.30 0.38 0.00	37.63 0.08 0.00	34.31 -0.21 0.00	30.56 -0.34 0.00	27.25 -0.47 0.00
MARSHVLE_115KV_TB1 80742	28.46 2.28 0.00	26.12 2.05 0.00	25.06 2.01 0.00	23.20 1.82 0.00	22.72 1.76 0.00	24.27 1.98 0.00	25.08 2.01 0.00	27.41 2.22 0.00	29.83 2.31 0.00	31.16 2.27 0.22	32.03 2.34 0.37	34.60 2.50 0.42	37.73 2.71 0.20	40.22 2.92 0.11	42.59 3.22 0.44	45.89 3.78 0.34	51.08 4.60 0.41	54.80 5.48 0.02	52.73 5.44 0.00	46.62 4.70 0.00	41.80 4.24 0.00	38.42 3.90 0.00	34.12 3.21 0.00	30.52 2.80 0.00
MARSH HILL_WT_PWR 323713	27.89 1.70 0.00	25.59 1.52 0.00	24.40 1.34 0.00	22.43 1.05 0.00	22.09 1.13 0.00	23.69 1.40 0.00	24.44 1.36 0.00	26.36 1.16 0.00	28.45 0.94 0.00	30.10 0.99 0.00	31.11 1.05 0.00	34.34 1.82 0.00	37.26 2.04 0.00	39.54 2.13 0.00	41.80 1.99 0.00	44.40 1.95 0.00	49.85 2.96 0.00	52.30 2.96 0.00	50.28 2.98 0.00	44.48 2.56 0.00	39.50 1.95 0.00	36.31 1.79 0.00	32.39 1.48 0.00	29.44 1.72 0.00
MCINTYRE_115KV_TB2 80467	25.61 -0.58 0.00	23.52 -0.55 0.00	22.44 -0.62 0.00	20.76 -0.62 0.00	20.46 -0.50 0.00	21.79 -0.49 0.00	22.54 -0.53 0.00	24.59 -0.60 0.00	26.75 -0.77 0.00	28.44 -0.67 0.00	29.37 -0.69 0.00	31.77 -0.75 0.00	34.62 -0.60 0.00	36.85 -0.56 0.00	39.21 -0.60 0.00	42.06 -0.38 0.00	45.72 -1.17 0.00	47.21 -2.12 0.00	46.11 -1.18 0.00	41.50 -0.42 0.00	37.14 -0.41 0.00	33.93 -0.59 0.00	30.25 -0.65 0.00	27.00 -0.72 0.00
MECO____69_KV_BK1 80468	28.78 2.59 0.00	26.43 2.36 0.00	25.36 2.31 0.00	23.48 2.10 0.00	22.99 2.03 0.00	24.58 2.30 0.00	25.45 2.38 0.00	27.92 2.72 0.00	30.32 2.81 0.00	31.54 2.68 0.24	32.99 3.34 0.41	35.60 3.54 0.46	38.76 3.77 0.22	41.44 4.15 0.12	43.26 3.94 0.49	47.85 5.77 0.37	52.02 5.58 0.45	56.13 6.81 0.02	54.11 6.81 0.00	47.84 5.91 0.00	42.74 5.18 0.00	39.18 4.66 0.00	34.64 3.74 0.00	31.10 3.38 0.00
MENANDS__115KV_TB5 355628	26.92 0.73 0.00	24.72 0.65 0.00	23.77 0.71 0.00	22.09 0.71 0.00	21.55 0.59 0.00	22.93 0.65 0.00	23.77 0.69 0.00	26.03 0.83 0.00	28.51 0.99 0.00	29.71 0.96 0.36	30.30 0.84 0.60	32.75 0.91 0.68	35.77 0.88 0.33	38.21 0.97 0.17	40.17 1.07 0.71	43.22 1.32 0.54	48.01 1.78 0.66	51.68 2.37 0.02	49.28 1.99 0.00	43.27 1.34 0.00	38.87 1.31 0.00	35.79 1.28 0.00	32.05 1.14 0.00	28.69 0.97 0.00
MG INDUSTRY__DRP 24185	27.00 0.81 0.00	24.82 0.75 0.00	23.87 0.81 0.00	22.15 0.77 0.00	21.63 0.67 0.00	23.02 0.74 0.00	23.84 0.76 0.00	26.08 0.88 0.00	28.51 0.99 0.00	29.85 0.96 0.22	30.59 0.90 0.37	33.08 0.98 0.41	35.97 0.95 0.20	38.35 1.05 0.11	40.48 1.11 0.44	43.47 1.36 0.33	48.32 1.83 0.41	51.69 2.37 0.01	49.38 2.08 0.00	43.43 1.51 0.00	38.98 1.43 0.00	35.86 1.35 0.00	32.11 1.21 0.00	28.77 1.05 0.00
MID__OSWEGATCHIE_HYD 23849	25.58 -0.60 0.00	23.47 -0.60 0.00	22.46 -0.60 0.00	20.76 -0.62 0.00	20.41 -0.54 0.00	21.75 -0.53 0.00	22.57 -0.51 0.00	24.54 -0.66 0.00	26.72 -0.80 0.00	28.38 -0.73 0.00	29.31 -0.75 0.00	31.74 -0.78 0.00	34.55 -0.67 0.00	36.81 -0.60 0.00	39.17 -0.64 0.00	41.93 -0.51 0.00	46.13 -0.84 -0.08	47.86 -1.48 0.00	46.49 -0.80 0.00	41.59 -0.34 0.00	37.25 -0.30 0.00	34.00 -0.52 0.00	30.16 -0.74 0.00	26.94 -0.78 0.00
MID__RAQUETTE_HYD 23851	24.98 -1.20 0.00	22.96 -1.11 0.00	21.93 -1.13 0.00	20.29 -1.09 0.00	19.99 -0.96 0.00	21.28 -1.00 0.00	22.01 -1.06 0.00	24.04 -1.16 0.00	26.20 -1.32 0.00	27.89 -1.22 0.00	28.80 -1.26 0.00	31.12 -1.40 0.00	33.84 -1.37 0.00	35.99 -1.42 0.00	38.33 -1.47 0.00	41.00 -1.44 0.00	44.78 -2.16 -0.04	46.23 -3.11 0.00	45.07 -2.22 0.00	40.50 -1.43 0.00	36.20 -1.35 0.00	33.07 -1.45 0.00	29.48 -1.42 0.00	26.31 -1.41 0.00
MILLIKEN__1 23584	27.08 0.89 0.00	24.89 0.82 0.00	23.82 0.76 0.00	22.00 0.62 0.00	21.59 0.63 0.00	23.04 0.76 0.00	23.88 0.81 0.00	25.98 0.78 0.00	28.29 0.77 0.00	29.86 0.76 0.00	30.99 0.93 0.00	33.66 1.14 0.00	36.59 1.37 0.00	38.87 1.46 0.00	41.20 1.39 0.00	44.10 1.66 0.00	49.28 2.25 -0.14	51.75 2.42 0.00	49.71 2.41 0.00	43.94 2.01 0.00	39.24 1.69 0.00	35.93 1.42 0.00	32.08 1.17 0.00	28.80 1.08 0.00
MILLIKEN__2 23585	27.08 0.89 0.00	24.89 0.82 0.00	23.82 0.76 0.00	22.00 0.62 0.00	21.59 0.63 0.00	23.04 0.76 0.00	23.88 0.81 0.00	25.98 0.78 0.00	28.29 0.77 0.00	29.86 0.76 0.00	30.99 0.93 0.00	33.66 1.14 0.00	36.59 1.37 0.00	38.87 1.46 0.00	41.20 1.39 0.00	44.10 1.66 0.00	49.28 2.25 -0.14	51.75 2.42 0.00	49.71 2.41 0.00	43.94 2.01 0.00	39.24 1.69 0.00	35.93 1.42 0.00	32.08 1.17 0.00	28.80 1.08 0.00
MILLIKEN__DIESEL 23629	27.08 0.89 0.00	24.89 0.82 0.00	23.82 0.76 0.00	22.00 0.62 0.00	21.59 0.63 0.00	23.04 0.76 0.00	23.88 0.81 0.00	25.98 0.78 0.00	28.29 0.77 0.00	29.86 0.76 0.00	30.99 0.93 0.00	33.66 1.14 0.00	36.59 1.37 0.00	38.87 1.46 0.00	41.20 1.39 0.00	44.10 1.66 0.00	49.28 2.25 -0.14	51.75 2.42 0.00	49.71 2.41 0.00	43.94 2.01 0.00	39.24 1.69 0.00	35.93 1.42 0.00	32.08 1.17 0.00	28.80 1.08 0.00
MILLSEAT__LFGE 323607	27.68 1.49 0.00	25.42 1.35 0.00	24.26 1.20 0.00	22.21 0.83 0.00	21.86 0.90 0.00	23.44 1.16 0.00	24.11 1.04 0.00	25.83 0.63 0.00	27.79 0.28 0.00	29.43 0.32 0.00	30.21 0.15 0.00	33.56 1.04 0.00	36.66 1.44 0.00	38.87 1.46 0.00	41.24 1.43 0.00	43.46 1.02 0.00	48.72 1.83 0.00	51.11 1.77 0.00	49.19 1.89 0.00	43.73 1.80 0.00	38.83 1.28 0.00	35.69 1.17 0.00	31.77 0.86 0.00	29.11 1.39 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	27.89 1.70 0.00	25.66 1.59 0.00	24.49 1.43 0.00	22.77 1.39 0.00	22.15 1.19 0.00	23.58 1.29 0.00	24.55 1.48 0.00	27.04 1.84 0.00	29.69 2.17 0.00	31.65 2.24 -0.30	32.69 2.13 -0.50	35.26 2.18 -0.56	37.71 2.22 -0.27	39.87 2.32 -0.14	42.79 2.39 -0.59	45.61 2.72 -0.45	50.96 3.52 -0.55	53.55 4.19 -0.02	50.75 3.45 0.00	44.10 2.18 0.00	39.73 2.18 0.00	36.73 2.21 0.00	33.07 2.16 0.00	29.66 1.94 0.00

MILLWOOD_13_KV_LOAD 356217	27.97 1.78 0.00	25.73 1.66 0.00	24.56 1.50 0.00	22.83 1.45 0.00	22.22 1.26 0.00	23.62 1.34 0.00	24.60 1.52 0.00	27.14 1.94 0.00	29.80 2.28 0.00	31.79 2.39 -0.30	32.81 2.25 -0.50	35.36 2.28 -0.56	37.92 2.43 -0.27	40.13 2.58 -0.14	43.11 2.71 -0.59	45.91 3.01 -0.45	51.29 3.85 -0.55	53.94 4.59 -0.02	51.08 3.78 0.00	44.40 2.47 0.00	39.92 2.37 0.00	36.86 2.35 0.00	33.16 2.26 0.00	29.80 2.08 0.00
MODEL_CITY_ENERGY 24167	27.10 0.92 0.00	24.91 0.84 0.00	23.75 0.69 0.00	21.81 0.43 0.00	21.44 0.48 0.00	23.02 0.73 0.00	23.58 0.51 0.00	25.17 -0.03 0.00	26.99 -0.52 0.00	28.58 -0.52 0.00	29.28 -0.78 0.00	32.55 0.03 0.00	35.57 0.35 0.00	37.67 0.26 0.00	39.97 0.16 0.00	42.06 -0.38 0.00	47.13 0.24 0.00	49.39 0.05 0.00	47.49 0.19 0.00	42.22 0.30 0.00	37.52 -0.04 0.00	34.55 0.03 0.00	30.78 -0.12 0.00	28.36 0.64 0.00
MODERN_LFGE_ 323580	27.10 0.92 0.00	24.91 0.84 0.00	23.75 0.69 0.00	21.81 0.43 0.00	21.44 0.48 0.00	23.02 0.73 0.00	23.58 0.51 0.00	25.17 -0.03 0.00	26.99 -0.52 0.00	28.58 -0.52 0.00	29.28 -0.78 0.00	32.55 0.03 0.00	35.57 0.35 0.00	37.67 0.26 0.00	39.97 0.16 0.00	42.06 -0.38 0.00	47.13 0.24 0.00	49.39 0.05 0.00	47.49 0.19 0.00	42.22 0.30 0.00	37.52 -0.04 0.00	34.55 0.03 0.00	30.78 -0.12 0.00	28.36 0.64 0.00
MOHAWK_PAPER___DRP 24187	27.18 1.00 0.00	24.96 0.89 0.00	23.98 0.92 0.00	22.28 0.90 0.00	21.73 0.78 0.00	23.15 0.87 0.00	24.00 0.92 0.00	26.28 1.08 0.00	28.75 1.24 0.00	29.98 1.22 0.35	30.65 1.17 0.58	33.13 1.27 0.66	36.17 1.27 0.32	38.66 1.42 0.17	40.66 1.55 0.69	43.78 1.87 0.53	48.64 2.39 0.65	52.37 3.06 0.02	50.04 2.74 0.00	43.94 2.01 0.00	39.43 1.88 0.00	36.28 1.76 0.00	32.42 1.51 0.00	29.02 1.30 0.00
MOHICAN__35_KV_115KV_LD 80490	27.44 1.26 0.00	25.20 1.13 0.00	24.21 1.15 0.00	22.45 1.07 0.00	21.94 0.99 0.00	23.40 1.11 0.00	24.25 1.18 0.00	26.66 1.46 0.00	29.08 1.57 0.00	30.26 1.51 0.36	30.86 1.41 0.61	33.43 1.59 0.69	36.51 1.62 0.33	39.07 1.83 0.17	41.07 1.99 0.72	44.31 2.42 0.55	49.27 3.05 0.67	53.21 3.90 0.02	51.08 3.78 0.00	45.03 3.10 0.00	40.37 2.82 0.00	37.17 2.66 0.00	33.07 2.16 0.00	29.52 1.80 0.00
MONGAUP___HYD 23641	27.49 1.31 0.00	25.25 1.18 0.00	24.12 1.06 0.00	22.41 1.03 0.00	21.88 0.92 0.00	23.18 0.89 0.00	24.09 1.01 0.00	26.33 1.13 0.00	28.81 1.29 0.00	30.66 1.31 -0.24	31.72 1.26 -0.40	34.14 1.17 -0.45	36.63 1.20 -0.22	38.80 1.27 -0.11	41.35 1.08 -0.47	43.99 1.19 -0.36	49.30 1.97 -0.44	51.87 2.51 -0.02	49.33 2.03 0.00	43.06 1.13 0.00	38.98 1.43 0.00	36.11 1.59 0.00	32.45 1.54 0.00	29.05 1.33 0.00
MONTAUK___DIESEL 23721	35.40 4.16 -5.05	31.83 3.76 -4.00	26.52 3.46 0.00	24.67 3.29 0.00	23.98 3.02 0.00	25.49 3.21 0.00	26.67 3.58 -0.02	33.31 4.16 -3.96	35.22 4.82 -2.89	35.14 4.95 -1.09	35.06 4.51 -0.50	38.32 5.24 -0.56	40.84 5.35 -0.27	43.42 5.87 -0.14	49.20 6.21 -3.18	49.81 6.92 -0.45	55.61 8.16 -0.55	58.97 9.62 -0.01	55.66 8.37 0.01	47.91 6.00 0.01	43.25 5.60 -0.10	39.66 5.14 0.00	35.70 4.79 0.00	33.57 4.66 -1.19
MOONROAD_115KV_HARTFLD_TB1-2 355988	28.41 2.23 0.00	26.07 2.00 0.00	24.83 1.78 0.00	22.75 1.37 0.00	22.38 1.43 0.00	24.05 1.76 0.00	24.78 1.71 0.00	26.68 1.49 0.00	28.64 1.13 0.00	30.42 1.31 0.00	32.13 2.07 0.00	34.73 2.21 0.00	38.11 2.89 0.00	40.25 2.84 0.00	42.59 2.79 0.00	44.91 2.46 0.00	50.27 3.38 0.00	52.69 3.35 0.00	50.61 3.31 0.00	44.98 3.06 0.00	39.73 2.18 0.00	36.66 2.14 0.00	32.48 1.58 0.00	29.47 1.75 0.00
MORTIMER_115KV_TB3 55949	27.10 0.92 0.00	24.89 0.82 0.00	23.80 0.74 0.00	21.85 0.47 0.00	21.48 0.52 0.00	22.98 0.69 0.00	23.74 0.67 0.00	25.65 0.45 0.00	27.79 0.28 0.00	29.46 0.35 0.00	30.78 0.72 0.00	33.43 0.91 0.00	36.42 1.20 0.00	38.61 1.20 0.00	41.08 1.27 0.00	43.38 0.93 0.00	48.54 1.64 0.00	50.96 1.63 0.00	48.90 1.61 0.00	43.39 1.47 0.00	38.60 1.05 0.00	35.45 0.93 0.00	31.64 0.74 0.00	28.72 1.00 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	28.15 1.96 0.00	25.88 1.81 0.00	24.67 1.61 0.00	22.96 1.58 0.00	22.30 1.34 0.00	23.73 1.45 0.00	24.71 1.64 0.00	27.31 2.12 0.00	30.02 2.50 0.00	32.06 2.65 -0.30	33.12 2.55 -0.50	35.66 2.57 -0.57	38.03 2.54 -0.28	40.17 2.62 -0.14	43.11 2.71 -0.60	46.00 3.10 -0.46	51.39 3.94 -0.56	53.99 4.64 -0.02	51.13 3.83 0.00	44.31 2.39 0.00	39.99 2.44 0.00	37.04 2.52 0.00	33.44 2.53 0.00	29.94 2.22 0.00
MUNSVILLE_WIND_PWR 323609	28.52 2.33 0.00	26.14 2.07 0.00	25.02 1.96 0.00	22.98 1.60 0.00	22.59 1.64 0.00	24.20 1.92 0.00	25.24 2.17 0.00	27.21 2.02 0.00	29.41 1.90 0.00	30.97 1.86 0.00	32.10 2.04 0.00	34.99 2.47 0.00	38.28 3.06 0.00	40.85 3.44 0.00	43.15 3.34 0.00	46.61 4.16 0.00	51.95 4.97 -0.08	54.47 5.13 0.00	52.68 5.39 0.00	46.66 4.74 0.00	41.72 4.17 0.00	37.97 3.45 0.00	33.65 2.75 0.00	30.16 2.44 0.00
N SALMON___HYD 24042	26.00 -0.18 0.00	23.88 -0.19 0.00	22.76 -0.30 0.00	21.12 -0.26 0.00	20.75 -0.21 0.00	22.20 -0.09 0.00	22.89 -0.19 0.00	25.07 -0.13 0.00	27.35 -0.16 0.00	29.20 0.09 0.00	30.27 0.21 0.00	32.49 -0.03 0.00	35.36 0.14 0.00	37.45 0.04 0.00	39.93 0.12 0.00	42.66 0.21 0.00	46.66 -0.23 0.00	48.60 -0.74 0.00	47.15 -0.14 0.00	42.13 0.21 0.00	37.52 -0.04 0.00	34.17 -0.35 0.00	30.44 -0.46 0.00	27.11 -0.61 0.00
N.AKRON__115KV_KNAPP 355671	27.70 1.52 0.00	25.44 1.37 0.00	24.30 1.25 0.00	22.24 0.86 0.00	21.88 0.92 0.00	23.47 1.18 0.00	24.14 1.06 0.00	25.83 0.63 0.00	27.79 0.28 0.00	29.43 0.32 0.00	30.99 0.93 0.00	33.59 1.07 0.00	36.80 1.58 0.00	38.91 1.50 0.00	41.24 1.43 0.00	43.46 1.02 0.00	48.68 1.78 0.00	51.11 1.78 0.00	49.14 1.84 0.00	43.73 1.80 0.00	38.79 1.24 0.00	35.69 1.17 0.00	31.77 0.87 0.00	29.11 1.39 0.00
N.BELMOR_69_KV_BK1 55787	33.12 2.46 -4.47	29.87 2.26 -3.54	25.13 2.08 0.00	23.39 2.01 0.00	22.72 1.76 0.00	24.18 1.89 0.00	25.23 2.15 -0.01	31.27 2.57 -3.50	33.04 2.97 -2.56	33.22 3.11 -0.99	33.29 2.74 -0.50	36.05 2.96 -0.57	38.41 2.92 -0.27	40.73 3.18 -0.14	43.87 3.46 -0.60	46.76 3.86 -0.45	52.28 4.83 -0.55	55.08 5.72 -0.02	52.02 4.73 0.00	44.94 3.02 0.00	40.52 2.97 0.00	37.34 2.83 0.00	33.78 2.87 0.00	31.55 2.77 -1.06
N.E_GEN_SANDY PD 24062	27.26 1.07 0.00	25.08 1.01 0.00	24.05 0.99 0.00	22.39 1.01 0.00	21.88 0.92 0.00	23.20 0.91 0.00	24.09 1.01 0.00	26.33 1.13 0.00	28.89 1.38 0.00	28.01 1.37 2.46	27.30 1.35 4.12	29.10 1.24 4.66	34.20 1.23 2.25	37.50 1.27 1.18	36.30 1.39 4.90	40.30 1.57 3.72	44.50 2.16 4.55	51.93 2.76 0.17	49.57 2.27 0.00	43.35 1.43 0.00	39.02 1.46 0.00	36.00 1.48 0.00	32.30 1.39 0.00	28.97 1.25 0.00

N. HEMPST_138_KV_BK345_REV_LBMP_G 345014	27.86 1.68 0.00	25.61 1.54 0.00	24.44 1.38 0.00	22.73 1.35 0.00	22.09 1.13 0.00	23.53 1.25 0.00	24.48 1.41 0.00	26.93 1.74 0.00	29.55 2.04 0.00	31.45 2.07 -0.27	32.53 2.01 -0.46	35.09 2.05 -0.52	37.51 2.04 -0.25	39.64 2.09 -0.13	42.54 2.19 -0.54	45.32 2.46 -0.41	50.68 3.28 -0.51	53.30 3.95 -0.02	50.51 3.22 0.00	43.89 1.97 0.00	39.54 1.99 0.00	36.55 2.04 0.00	32.91 2.01 0.00	29.52 1.80 0.00
N. QUEENS_27_KV_LOAD 356247	28.42 2.23 -0.01	26.13 2.05 -0.01	24.95 1.89 0.00	23.23 1.84 -0.01	22.53 1.57 0.00	23.82 1.54 0.00	24.67 1.59 0.00	27.46 2.27 0.00	30.19 2.67 0.00	32.21 2.79 -0.31	33.29 2.74 -0.50	35.76 2.67 -0.57	38.13 2.64 -0.28	40.21 2.66 -0.14	43.07 2.67 -0.60	46.04 3.14 -0.46	51.29 3.85 -0.55	53.99 4.64 -0.01	51.17 3.88 0.01	44.06 2.14 0.00	39.96 2.40 0.00	37.17 2.66 0.00	33.72 2.81 -0.01	30.25 2.52 -0.01
N. TROY___115KV_TB1 355778	27.15 0.97 0.00	24.96 0.89 0.00	23.96 0.90 0.00	22.26 0.88 0.00	21.73 0.78 0.00	23.13 0.85 0.00	24.00 0.92 0.00	26.23 1.03 0.00	28.73 1.21 0.00	29.81 1.16 0.46	30.34 1.05 0.77	32.79 1.14 0.87	35.96 1.16 0.42	38.42 1.23 0.22	40.24 1.35 0.92	43.32 1.57 0.70	48.15 2.11 0.85	52.02 2.71 0.03	49.71 2.41 0.00	43.64 1.72 0.00	39.21 1.65 0.00	36.10 1.59 0.00	32.29 1.39 0.00	28.94 1.22 0.00
NARROWS_GT1_1 24228	28.42 2.22 -0.01	26.10 2.02 -0.01	24.91 1.85 -0.01	23.16 1.77 -0.01	22.59 1.64 0.00	23.78 1.49 0.00	24.71 1.64 0.00	27.47 2.27 0.00	30.24 2.72 0.00	35.50 2.94 -3.46	38.14 3.07 -5.02	35.95 2.86 -0.57	38.38 2.89 -0.28	40.47 2.92 -0.14	43.31 2.90 -0.60	46.35 3.40 -0.51	84.35 4.13 -33.33	83.58 4.89 -29.36	78.65 3.97 -27.39	44.35 2.43 0.00	40.35 2.74 -0.06	37.40 2.83 -0.06	37.70 2.90 -3.89	30.23 2.50 -0.02
NARROWS_GT1_2 24229	28.42 2.22 -0.01	26.10 2.02 -0.01	24.91 1.85 -0.01	23.16 1.77 -0.01	22.59 1.64 0.00	23.78 1.49 0.00	24.71 1.64 0.00	27.47 2.27 0.00	30.24 2.72 0.00	35.50 2.94 -3.46	38.14 3.07 -5.02	35.95 2.86 -0.57	38.38 2.89 -0.28	40.47 2.92 -0.14	43.31 2.90 -0.60	46.35 3.40 -0.51	84.35 4.13 -33.33	83.58 4.89 -29.36	78.65 3.97 -27.39	44.35 2.43 0.00	40.35 2.74 -0.06	37.40 2.83 -0.06	37.70 2.90 -3.89	30.23 2.50 -0.02
NARROWS_GT1_3 24230	28.42 2.22 -0.01	26.10 2.02 -0.01	24.91 1.85 -0.01	23.16 1.77 -0.01	22.59 1.64 0.00	23.78 1.49 0.00	24.71 1.64 0.00	27.47 2.27 0.00	30.24 2.72 0.00	35.50 2.94 -3.46	38.14 3.07 -5.02	35.95 2.86 -0.57	38.38 2.89 -0.28	40.47 2.92 -0.14	43.31 2.90 -0.60	46.35 3.40 -0.51	84.35 4.13 -33.33	83.58 4.89 -29.36	78.65 3.97 -27.39	44.35 2.43 0.00	40.35 2.74 -0.06	37.40 2.83 -0.06	37.70 2.90 -3.89	30.23 2.50 -0.02
NARROWS_GT1_4 24231	28.42 2.22 -0.01	26.10 2.02 -0.01	24.91 1.85 -0.01	23.16 1.77 -0.01	22.59 1.64 0.00	23.78 1.49 0.00	24.71 1.64 0.00	27.47 2.27 0.00	30.24 2.72 0.00	35.50 2.94 -3.46	38.14 3.07 -5.02	35.95 2.86 -0.57	38.38 2.89 -0.28	40.47 2.92 -0.14	43.31 2.90 -0.60	46.35 3.40 -0.51	84.35 4.13 -33.33	83.58 4.89 -29.36	78.65 3.97 -27.39	44.35 2.43 0.00	40.35 2.74 -0.06	37.40 2.83 -0.06	37.70 2.90 -3.89	30.23 2.50 -0.02
NARROWS_GT1_5 24232	28.42 2.22 -0.01	26.10 2.02 -0.01	24.91 1.85 -0.01	23.16 1.77 -0.01	22.59 1.64 0.00	23.78 1.49 0.00	24.71 1.64 0.00	27.47 2.27 0.00	30.24 2.72 0.00	35.50 2.94 -3.46	38.14 3.07 -5.02	35.95 2.86 -0.57	38.38 2.89 -0.28	40.47 2.92 -0.14	43.31 2.90 -0.60	46.35 3.40 -0.51	84.35 4.13 -33.33	83.58 4.89 -29.36	78.65 3.97 -27.39	44.35 2.43 0.00	40.35 2.74 -0.06	37.40 2.83 -0.06	37.70 2.90 -3.89	30.23 2.50 -0.02
NARROWS_GT1_6 24233	28.42 2.22 -0.01	26.10 2.02 -0.01	24.91 1.85 -0.01	23.16 1.77 -0.01	22.59 1.64 0.00	23.78 1.49 0.00	24.71 1.64 0.00	27.47 2.27 0.00	30.24 2.72 0.00	35.50 2.94 -3.46	38.14 3.07 -5.02	35.95 2.86 -0.57	38.38 2.89 -0.28	40.47 2.92 -0.14	43.31 2.90 -0.60	46.35 3.40 -0.51	84.35 4.13 -33.33	83.58 4.89 -29.36	78.65 3.97 -27.39	44.35 2.43 0.00	40.35 2.74 -0.06	37.40 2.83 -0.06	37.70 2.90 -3.89	30.23 2.50 -0.02
NARROWS_GT1_7 24234	28.42 2.22 -0.01	26.10 2.02 -0.01	24.91 1.85 -0.01	23.16 1.77 -0.01	22.59 1.64 0.00	23.78 1.49 0.00	24.71 1.64 0.00	27.47 2.27 0.00	30.24 2.72 0.00	35.50 2.94 -3.46	38.14 3.07 -5.02	35.95 2.86 -0.57	38.38 2.89 -0.28	40.47 2.92 -0.14	43.31 2.90 -0.60	46.35 3.40 -0.51	84.35 4.13 -33.33	83.58 4.89 -29.36	78.65 3.97 -27.39	44.35 2.43 0.00	40.35 2.74 -0.06	37.40 2.83 -0.06	37.70 2.90 -3.89	30.23 2.50 -0.02
NARROWS_GT1_8 24235	28.42 2.22 -0.01	26.10 2.02 -0.01	24.91 1.85 -0.01	23.16 1.77 -0.01	22.59 1.64 0.00	23.78 1.49 0.00	24.71 1.64 0.00	27.47 2.27 0.00	30.24 2.72 0.00	35.50 2.94 -3.46	38.14 3.07 -5.02	35.95 2.86 -0.57	38.38 2.89 -0.28	40.47 2.92 -0.14	43.31 2.90 -0.60	46.35 3.40 -0.51	84.35 4.13 -33.33	83.58 4.89 -29.36	78.65 3.97 -27.39	44.35 2.43 0.00	40.35 2.74 -0.06	37.40 2.83 -0.06	37.70 2.90 -3.89	30.23 2.50 -0.02
NARROWS_GT2_1 24236	28.42 2.22 -0.01	26.10 2.02 -0.01	24.91 1.85 -0.01	23.16 1.77 -0.01	22.59 1.64 0.00	23.78 1.49 0.00	24.71 1.64 0.00	27.47 2.27 0.00	30.24 2.72 0.00	35.50 2.94 -3.46	38.14 3.07 -5.02	35.95 2.86 -0.57	38.38 2.89 -0.28	40.47 2.92 -0.14	43.31 2.90 -0.60	46.35 3.40 -0.51	84.35 4.13 -33.33	83.58 4.89 -29.36	78.65 3.97 -27.39	44.35 2.43 0.00	40.35 2.74 -0.06	37.40 2.83 -0.06	37.70 2.90 -3.89	30.23 2.50 -0.02
NARROWS_GT2_2 24237	28.42 2.22 -0.01	26.10 2.02 -0.01	24.91 1.85 -0.01	23.16 1.77 -0.01	22.59 1.64 0.00	23.78 1.49 0.00	24.71 1.64 0.00	27.47 2.27 0.00	30.24 2.72 0.00	35.50 2.94 -3.46	38.14 3.07 -5.02	35.95 2.86 -0.57	38.38 2.89 -0.28	40.47 2.92 -0.14	43.31 2.90 -0.60	46.35 3.40 -0.51	84.35 4.13 -33.33	83.58 4.89 -29.36	78.65 3.97 -27.39	44.35 2.43 0.00	40.35 2.74 -0.06	37.40 2.83 -0.06	37.70 2.90 -3.89	30.23 2.50 -0.02
NARROWS_GT2_3 24238	28.42 2.22 -0.01	26.10 2.02 -0.01	24.91 1.85 -0.01	23.16 1.77 -0.01	22.59 1.64 0.00	23.78 1.49 0.00	24.71 1.64 0.00	27.47 2.27 0.00	30.24 2.72 0.00	35.50 2.94 -3.46	38.14 3.07 -5.02	35.95 2.86 -0.57	38.38 2.89 -0.28	40.47 2.92 -0.14	43.31 2.90 -0.60	46.35 3.40 -0.51	84.35 4.13 -33.33	83.58 4.89 -29.36	78.65 3.97 -27.39	44.35 2.43 0.00	40.35 2.74 -0.06	37.40 2.83 -0.06	37.70 2.90 -3.89	30.23 2.50 -0.02
NARROWS_GT2_4 24239	28.42 2.22 -0.01	26.10 2.02 -0.01	24.91 1.85 -0.01	23.16 1.77 -0.01	22.59 1.64 0.00	23.78 1.49 0.00	24.71 1.64 0.00	27.47 2.27 0.00	30.24 2.72 0.00	35.50 2.94 -3.46	38.14 3.07 -5.02	35.95 2.86 -0.57	38.38 2.89 -0.28	40.47 2.92 -0.14	43.31 2.90 -0.60	46.35 3.40 -0.51	84.35 4.13 -33.33	83.58 4.89 -29.36	78.65 3.97 -27.39	44.35 2.43 0.00	40.35 2.74 -0.06	37.40 2.83 -0.06	37.70 2.90 -3.89	30.23 2.50 -0.02

NARROWS_GT2_5 24240	28.42 2.22 -0.01	26.10 2.02 -0.01	24.91 1.85 -0.01	23.16 1.77 -0.01	22.59 1.64 0.00	23.78 1.49 0.00	24.71 1.64 0.00	27.47 2.27 0.00	30.24 2.72 0.00	35.50 2.94 -3.46	38.14 3.07 -5.02	35.95 2.86 -0.57	38.38 2.89 -0.28	40.47 2.92 -0.14	43.31 2.90 -0.60	46.35 3.40 -0.51	84.35 4.13 -33.33	83.58 4.89 -29.36	78.65 3.97 -27.39	44.35 2.43 0.00	40.35 2.74 -0.06	37.40 2.83 -0.06	37.70 2.90 -3.89	30.23 2.50 -0.02
NARROWS_GT2_6 24241	28.42 2.22 -0.01	26.10 2.02 -0.01	24.91 1.85 -0.01	23.16 1.77 -0.01	22.59 1.64 0.00	23.78 1.49 0.00	24.71 1.64 0.00	27.47 2.27 0.00	30.24 2.72 0.00	35.50 2.94 -3.46	38.14 3.07 -5.02	35.95 2.86 -0.57	38.38 2.89 -0.28	40.47 2.92 -0.14	43.31 2.90 -0.60	46.35 3.40 -0.51	84.35 4.13 -33.33	83.58 4.89 -29.36	78.65 3.97 -27.39	44.35 2.43 0.00	40.35 2.74 -0.06	37.40 2.83 -0.06	37.70 2.90 -3.89	30.23 2.50 -0.02
NARROWS_GT2_7 24242	28.42 2.22 -0.01	26.10 2.02 -0.01	24.91 1.85 -0.01	23.16 1.77 -0.01	22.59 1.64 0.00	23.78 1.49 0.00	24.71 1.64 0.00	27.47 2.27 0.00	30.24 2.72 0.00	35.50 2.94 -3.46	38.14 3.07 -5.02	35.95 2.86 -0.57	38.38 2.89 -0.28	40.47 2.92 -0.14	43.31 2.90 -0.60	46.35 3.40 -0.51	84.35 4.13 -33.33	83.58 4.89 -29.36	78.65 3.97 -27.39	44.35 2.43 0.00	40.35 2.74 -0.06	37.40 2.83 -0.06	37.70 2.90 -3.89	30.23 2.50 -0.02
NARROWS_GT2_8 24243	28.42 2.22 -0.01	26.10 2.02 -0.01	24.91 1.85 -0.01	23.16 1.77 -0.01	22.59 1.64 0.00	23.78 1.49 0.00	24.71 1.64 0.00	27.47 2.27 0.00	30.24 2.72 0.00	35.50 2.94 -3.46	38.14 3.07 -5.02	35.95 2.86 -0.57	38.38 2.89 -0.28	40.47 2.92 -0.14	43.31 2.90 -0.60	46.35 3.40 -0.51	84.35 4.13 -33.33	83.58 4.89 -29.36	78.65 3.97 -27.39	44.35 2.43 0.00	40.35 2.74 -0.06	37.40 2.83 -0.06	37.70 2.90 -3.89	30.23 2.50 -0.02
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	27.29 1.10 0.00	25.06 0.99 0.00	24.10 1.04 0.00	22.38 1.00 0.00	21.78 0.82 0.00	23.18 0.89 0.00	24.02 0.95 0.00	26.08 0.88 0.00	28.45 0.94 0.00	30.03 1.08 0.16	30.79 0.99 0.26	33.33 1.11 0.30	36.20 1.13 0.14	38.72 1.38 0.08	41.09 1.59 0.31	44.12 1.91 0.24	49.28 2.67 0.29	52.53 3.21 0.01	50.09 2.79 0.00	44.10 2.18 0.00	39.62 2.07 0.00	36.38 1.86 0.00	32.51 1.61 0.00	29.05 1.33 0.00
NCHELSEA_115KV_TR2 355582	27.97 1.78 0.00	25.73 1.66 0.00	24.58 1.52 0.00	22.86 1.48 0.00	22.20 1.24 0.00	23.60 1.31 0.00	24.55 1.48 0.00	26.83 1.64 0.00	29.44 1.93 0.00	31.31 1.98 -0.23	32.33 1.89 -0.38	34.90 1.95 -0.43	37.43 2.01 -0.21	39.69 2.17 -0.11	42.60 2.35 -0.45	45.42 2.63 -0.34	50.83 3.52 -0.42	53.55 4.19 -0.02	50.75 3.45 0.00	44.19 2.26 0.00	39.77 2.22 0.00	36.69 2.17 0.00	33.04 2.13 0.00	29.60 1.88 0.00
NEG CAPITAL___MECHNVIL 23645	27.52 1.33 0.00	25.30 1.23 0.00	24.28 1.22 0.00	22.53 1.15 0.00	22.07 1.11 0.00	23.44 1.16 0.00	24.32 1.25 0.00	26.63 1.44 0.00	29.11 1.60 0.00	30.28 1.57 0.40	30.98 1.59 0.67	33.45 1.69 0.76	36.61 1.76 0.37	39.16 1.94 0.19	41.11 2.11 0.80	44.30 2.46 0.61	49.24 3.09 0.75	53.16 3.85 0.03	50.89 3.59 0.00	44.78 2.85 0.00	40.14 2.59 0.00	36.90 2.38 0.00	32.94 2.04 0.00	29.47 1.75 0.00
NEG CENTRAL_HIGH_ACRES 23767	26.45 0.26 0.00	24.29 0.22 0.00	23.22 0.16 0.00	21.36 -0.02 0.00	20.98 0.02 0.00	22.44 0.16 0.00	23.24 0.16 0.00	25.20 0.00 0.00	27.38 -0.14 0.00	29.02 -0.09 0.00	29.88 -0.18 0.00	32.91 0.39 0.00	35.78 0.56 0.00	38.08 0.67 0.00	40.44 0.63 0.00	42.91 0.47 0.00	47.97 1.03 -0.04	50.32 0.99 0.00	48.24 0.95 0.00	42.72 0.79 0.00	38.04 0.49 0.00	34.86 0.35 0.00	31.12 0.22 0.00	28.14 0.42 0.00
NEG CENTRAL___DRP 24199	26.89 0.71 0.00	24.70 0.63 0.00	23.64 0.58 0.00	21.79 0.41 0.00	21.42 0.46 0.00	22.89 0.60 0.00	23.70 0.62 0.00	25.75 0.55 0.00	28.01 0.50 0.00	29.63 0.52 0.00	30.90 0.84 0.00	33.56 1.04 0.00	36.38 1.16 0.00	38.64 1.23 0.00	40.96 1.15 0.00	43.72 1.27 0.00	48.85 1.83 -0.13	51.21 1.87 0.00	49.19 1.89 0.00	43.43 1.51 0.00	38.72 1.16 0.00	35.48 0.97 0.00	31.74 0.83 0.00	28.58 0.86 0.00
NEG CENTRAL___INDECK 23768	28.12 1.94 0.00	25.81 1.73 0.00	24.65 1.59 0.00	22.60 1.22 0.00	22.24 1.28 0.00	23.84 1.56 0.00	24.55 1.48 0.00	26.38 1.18 0.00	28.37 0.85 0.00	29.92 0.81 0.00	30.90 0.84 0.00	34.08 1.56 0.00	35.96 0.74 0.00	38.12 0.71 0.00	40.60 0.80 0.00	43.38 0.93 0.00	48.72 1.83 0.00	51.11 1.77 0.00	49.09 1.80 0.00	43.94 2.01 0.00	39.17 1.61 0.00	36.00 1.48 0.00	32.85 1.95 0.00	29.83 2.11 0.00
NEG CENTRAL___SENECA 23627	27.15 0.97 0.00	24.94 0.87 0.00	23.84 0.78 0.00	21.94 0.56 0.00	21.59 0.63 0.00	23.09 0.80 0.00	23.91 0.83 0.00	25.95 0.76 0.00	28.20 0.69 0.00	29.81 0.70 0.00	31.17 1.11 0.00	33.85 1.33 0.00	36.66 1.44 0.00	38.94 1.53 0.00	41.24 1.43 0.00	43.97 1.53 0.00	49.21 2.25 -0.06	51.66 2.32 0.00	49.61 2.32 0.00	43.81 1.89 0.00	39.02 1.46 0.00	35.72 1.21 0.00	32.02 1.11 0.00	28.86 1.14 0.00
NEG CENTRAL___STATE_STREET 24147	26.89 0.71 0.00	24.75 0.67 0.00	23.70 0.65 0.00	21.89 0.51 0.00	21.50 0.54 0.00	22.95 0.67 0.00	23.77 0.69 0.00	25.88 0.68 0.00	28.23 0.72 0.00	29.86 0.76 0.00	30.93 0.87 0.00	33.59 1.07 0.00	36.49 1.27 0.00	38.72 1.31 0.00	41.28 1.47 0.00	43.93 1.49 0.00	49.38 2.30 -0.19	51.66 2.32 0.00	49.57 2.27 0.00	43.73 1.80 0.00	39.06 1.50 0.00	35.79 1.28 0.00	31.98 1.08 0.00	28.66 0.94 0.00
NEG MILLWOOD___DRP 24198	28.07 1.89 0.00	25.85 1.78 0.00	24.67 1.61 0.00	22.96 1.58 0.00	22.30 1.34 0.00	23.69 1.40 0.00	24.67 1.59 0.00	27.16 1.97 0.00	29.83 2.31 0.00	31.78 2.42 -0.26	32.71 2.22 -0.43	35.29 2.28 -0.49	38.10 2.64 -0.24	40.38 2.84 -0.12	43.38 3.07 -0.51	46.19 3.35 -0.39	51.69 4.31 -0.48	54.44 5.08 -0.02	51.60 4.30 0.00	44.86 2.93 0.00	40.22 2.67 0.00	37.07 2.55 0.00	33.28 2.38 0.00	29.94 2.22 0.00
NEG NORTH_FLCN_SEA 23793	26.55 0.37 0.00	24.41 0.34 0.00	23.27 0.21 0.00	21.57 0.19 0.00	21.27 0.31 0.00	22.69 0.40 0.00	23.38 0.30 0.00	25.62 0.43 0.00	27.93 0.41 0.00	29.81 0.70 0.00	30.72 0.66 0.00	33.11 0.59 0.00	35.99 0.77 0.00	38.12 0.71 0.00	40.72 0.92 0.00	43.38 0.93 0.00	47.60 0.70 0.00	49.73 0.39 0.00	48.10 0.80 0.00	42.89 0.96 0.00	38.12 0.56 0.00	34.76 0.24 0.00	30.93 0.03 0.00	27.58 -0.14 0.00
NEG NORTH_KES_CHATEGAY 23792	26.19 0.00 0.00	24.07 0.00 0.00	22.97 -0.09 0.00	21.32 -0.06 0.00	21.00 0.04 0.00	22.37 0.09 0.00	23.08 0.00 0.00	25.27 0.08 0.00	27.57 0.06 0.00	29.37 0.26 0.00	30.27 0.21 0.00	32.65 0.13 0.00	35.46 0.25 0.00	37.60 0.19 0.00	40.12 0.32 0.00	42.78 0.34 0.00	46.85 -0.05 0.00	48.99 -0.35 0.00	47.39 0.09 0.00	42.30 0.38 0.00	37.63 0.08 0.00	34.28 -0.24 0.00	30.53 -0.37 0.00	27.22 -0.50 0.00

NEG NORTH___ALICE_FALLS 23915	26.47 0.29 0.00	24.34 0.26 0.00	23.17 0.12 0.00	21.51 0.13 0.00	21.21 0.25 0.00	22.62 0.33 0.00	23.31 0.23 0.00	25.55 0.35 0.00	27.85 0.33 0.00	29.72 0.61 0.00	30.63 0.57 0.00	33.07 0.55 0.00	35.96 0.74 0.00	38.04 0.64 0.00	40.60 0.80 0.00	43.29 0.85 0.00	47.50 0.61 0.00	49.68 0.35 0.00	48.05 0.76 0.00	42.85 0.92 0.00	38.08 0.53 0.00	34.69 0.17 0.00	30.87 -0.03 0.00	27.50 -0.22 0.00
NEG NORTH___LWR_SARANAC 23913	26.47 0.29 0.00	24.34 0.26 0.00	23.17 0.12 0.00	21.51 0.13 0.00	21.21 0.25 0.00	22.62 0.33 0.00	23.31 0.23 0.00	25.55 0.35 0.00	27.85 0.33 0.00	29.72 0.61 0.00	30.63 0.57 0.00	33.07 0.55 0.00	35.96 0.74 0.00	38.04 0.64 0.00	40.60 0.80 0.00	43.29 0.85 0.00	47.50 0.61 0.00	49.68 0.35 0.00	48.05 0.76 0.00	42.85 0.92 0.00	38.08 0.53 0.00	34.69 0.17 0.00	30.87 -0.03 0.00	27.50 -0.22 0.00
NEG NORTH___PLATTSBURG 23628	26.47 0.29 0.00	24.34 0.27 0.00	23.17 0.12 0.00	21.51 0.13 0.00	21.15 0.19 0.00	22.62 0.33 0.00	23.31 0.23 0.00	25.55 0.35 0.00	27.85 0.33 0.00	29.72 0.61 0.00	30.75 0.69 0.00	33.07 0.55 0.00	35.96 0.74 0.00	38.04 0.64 0.00	40.60 0.80 0.00	43.29 0.85 0.00	47.50 0.61 0.00	49.63 0.30 0.00	48.05 0.75 0.00	42.84 0.92 0.00	38.08 0.53 0.00	34.69 0.17 0.00	30.87 -0.03 0.00	27.50 -0.22 0.00
NEG WEST_LEA_LOCKPORT 23791	27.36 1.18 0.00	25.16 1.08 0.00	24.00 0.95 0.00	22.00 0.62 0.00	21.63 0.67 0.00	23.20 0.91 0.00	23.84 0.76 0.00	25.45 0.25 0.00	27.32 -0.19 0.00	28.93 -0.17 0.00	30.45 0.39 0.00	32.98 0.46 0.00	36.13 0.92 0.00	38.19 0.79 0.00	40.48 0.68 0.00	42.61 0.17 0.00	47.74 0.84 0.00	50.03 0.69 0.00	48.10 0.80 0.00	42.76 0.84 0.00	38.00 0.45 0.00	34.97 0.45 0.00	31.18 0.28 0.00	28.69 0.97 0.00
NEG WEST___LANCASTR 23811	27.60 1.41 0.00	25.35 1.28 0.00	24.14 1.08 0.00	22.13 0.75 0.00	21.78 0.82 0.00	23.40 1.11 0.00	24.09 1.02 0.00	25.70 0.50 0.00	27.68 0.17 0.00	29.28 0.17 0.00	30.84 0.78 0.00	33.43 0.91 0.00	36.66 1.44 0.00	38.68 1.27 0.00	40.96 1.15 0.00	43.17 0.72 0.00	48.44 1.55 0.00	50.82 1.48 0.00	48.86 1.56 0.00	43.27 1.34 0.00	38.38 0.83 0.00	35.38 0.86 0.00	31.46 0.56 0.00	29.02 1.30 0.00
NEG_PENN_ALLEGHNY 23528	27.08 0.89 0.00	24.87 0.79 0.00	23.77 0.72 0.00	21.98 0.60 0.00	21.59 0.63 0.00	23.02 0.73 0.00	23.84 0.76 0.00	25.93 0.73 0.00	28.23 0.71 0.00	29.81 0.70 0.00	30.81 0.75 0.00	33.59 1.07 0.00	36.48 1.27 0.00	38.72 1.31 0.00	41.08 1.27 0.00	43.76 1.32 0.00	48.90 1.92 -0.08	51.41 2.07 0.00	49.24 1.94 0.00	43.43 1.51 0.00	38.83 1.28 0.00	35.65 1.14 0.00	31.83 0.93 0.00	28.72 1.00 0.00
NEG___GEN_MONROE 24207	27.31 1.13 0.00	25.13 1.06 0.00	24.00 0.95 0.00	22.02 0.64 0.00	21.63 0.67 0.00	23.15 0.87 0.00	23.91 0.83 0.00	25.78 0.58 0.00	27.87 0.36 0.00	29.52 0.41 0.00	30.99 0.93 0.00	33.63 1.11 0.00	36.63 1.41 0.00	38.83 1.42 0.00	41.08 1.27 0.00	43.59 1.15 0.00	48.44 1.55 0.00	50.96 1.63 0.00	48.95 1.66 0.00	43.43 1.51 0.00	38.64 1.09 0.00	35.55 1.04 0.00	31.68 0.77 0.00	28.86 1.14 0.00
NEPA___ENERGY 23901	27.84 1.65 0.00	25.54 1.47 0.00	24.33 1.27 0.00	22.30 0.92 0.00	21.94 0.99 0.00	23.60 1.31 0.00	24.30 1.22 0.00	26.13 0.93 0.00	28.15 0.63 0.00	29.78 0.67 0.00	31.29 1.23 0.00	33.92 1.40 0.00	37.19 1.97 0.00	39.20 1.80 0.00	41.52 1.71 0.00	43.72 1.27 0.00	49.10 2.20 0.00	51.56 2.22 0.00	49.52 2.22 0.00	43.89 1.97 0.00	38.94 1.39 0.00	35.90 1.38 0.00	31.89 0.99 0.00	29.16 1.44 0.00
NEVERSINK___HYD 23608	27.89 1.70 0.00	25.61 1.54 0.00	24.47 1.41 0.00	22.73 1.35 0.00	22.17 1.22 0.00	23.49 1.20 0.00	24.44 1.36 0.00	26.66 1.46 0.00	29.19 1.68 0.00	31.00 1.75 -0.14	32.19 1.89 -0.24	34.61 1.82 -0.27	37.25 1.90 -0.13	39.53 2.06 -0.07	42.20 2.11 -0.29	45.17 2.50 -0.22	50.35 3.19 -0.27	53.09 3.75 -0.01	50.46 3.17 0.00	43.98 2.05 0.00	39.62 2.06 0.00	36.52 2.00 0.00	32.85 1.95 0.00	29.44 1.72 0.00
NEWKRMKL_115KV_TB1 55635	26.76 0.58 0.00	24.60 0.53 0.00	23.64 0.58 0.00	21.96 0.58 0.00	21.44 0.48 0.00	22.82 0.53 0.00	23.63 0.55 0.00	25.88 0.68 0.00	28.34 0.83 0.00	29.57 0.79 0.33	30.23 0.72 0.55	32.68 0.78 0.62	35.66 0.74 0.30	38.11 0.86 0.16	40.07 0.92 0.65	43.10 1.15 0.49	47.89 1.59 0.60	51.44 2.12 0.02	49.09 1.80 0.00	43.10 1.17 0.00	38.68 1.13 0.00	35.62 1.10 0.00	31.89 0.99 0.00	28.55 0.83 0.00
NEWTON___FALLS_HYD 23847	25.58 -0.60 0.00	23.47 -0.60 0.00	22.46 -0.60 0.00	20.76 -0.62 0.00	20.41 -0.54 0.00	21.75 -0.53 0.00	22.57 -0.51 0.00	24.54 -0.66 0.00	26.72 -0.80 0.00	28.38 -0.73 0.00	29.31 -0.75 0.00	31.74 -0.78 0.00	34.55 -0.67 0.00	36.81 -0.60 0.00	39.17 -0.64 0.00	41.93 -0.51 0.00	46.13 -0.84 -0.08	47.86 -1.48 0.00	46.49 -0.80 0.00	41.59 -0.34 0.00	37.25 -0.30 0.00	34.00 -0.52 0.00	30.16 -0.74 0.00	26.94 -0.78 0.00
NGRID_A1_DSASP 323792	26.76 0.58 0.00	24.55 0.48 0.00	23.43 0.37 0.00	21.51 0.13 0.00	21.15 0.19 0.00	22.69 0.40 0.00	23.33 0.25 0.00	24.94 -0.25 0.00	26.75 -0.77 0.00	28.32 -0.78 0.00	28.98 -1.08 0.00	32.23 -0.29 0.00	35.18 -0.04 0.00	37.26 -0.15 0.00	39.53 -0.28 0.00	41.51 -0.93 0.00	46.52 -0.38 0.00	48.75 -0.59 0.00	46.87 -0.43 0.00	41.67 -0.25 0.00	37.06 -0.49 0.00	34.17 -0.35 0.00	30.47 -0.43 0.00	28.11 0.39 0.00
NGRID_A2_DSASP 323793	26.76 0.58 0.00	24.55 0.48 0.00	23.43 0.37 0.00	21.51 0.13 0.00	21.15 0.19 0.00	22.69 0.40 0.00	23.33 0.25 0.00	24.94 -0.25 0.00	26.75 -0.77 0.00	28.32 -0.78 0.00	28.98 -1.08 0.00	32.23 -0.29 0.00	35.18 -0.04 0.00	37.26 -0.15 0.00	39.53 -0.28 0.00	41.51 -0.93 0.00	46.52 -0.38 0.00	48.75 -0.59 0.00	46.87 -0.43 0.00	41.67 -0.25 0.00	37.06 -0.49 0.00	34.17 -0.35 0.00	30.47 -0.43 0.00	28.11 0.39 0.00
NGRID_A4_DSASP 323807	26.76 0.58 0.00	24.58 0.51 0.00	23.45 0.39 0.00	21.51 0.13 0.00	21.17 0.21 0.00	22.69 0.40 0.00	23.33 0.25 0.00	24.94 -0.25 0.00	26.75 -0.77 0.00	28.32 -0.79 0.00	29.79 -0.27 0.00	32.23 -0.29 0.00	35.25 0.04 0.00	37.22 -0.19 0.00	39.53 -0.28 0.00	41.51 -0.93 0.00	46.52 -0.38 0.00	48.74 -0.59 0.00	46.87 -0.43 0.00	41.67 -0.25 0.00	37.07 -0.49 0.00	34.17 -0.35 0.00	30.47 -0.43 0.00	28.08 0.36 0.00
NIAGARA_115E_LBMP 323715	27.00 0.81 0.00	24.79 0.72 0.00	23.66 0.60 0.00	21.72 0.34 0.00	21.36 0.40 0.00	22.91 0.62 0.00	23.47 0.39 0.00	24.99 -0.20 0.00	26.83 -0.69 0.00	28.38 -0.73 0.00	29.07 -0.99 0.00	32.33 -0.19 0.00	35.29 0.07 0.00	37.41 0.00 0.00	39.69 -0.12 0.00	41.72 -0.72 0.00	46.75 -0.14 0.00	48.99 -0.34 0.00	47.11 -0.19 0.00	41.92 0.00 0.00	37.25 -0.30 0.00	34.31 -0.21 0.00	30.56 -0.34 0.00	28.16 0.44 0.00

NIAGARA_115W_LBMP 323714	26.68 0.50 0.00	24.48 0.41 0.00	23.36 0.30 0.00	21.44 0.06 0.00	21.11 0.15 0.00	22.62 0.33 0.00	23.28 0.21 0.00	24.87 -0.33 0.00	26.66 -0.85 0.00	28.24 -0.87 0.00	28.89 -1.17 0.00	32.13 -0.39 0.00	35.08 -0.14 0.00	37.15 -0.26 0.00	39.41 -0.40 0.00	41.38 -1.06 0.00	46.38 -0.51 0.00	48.60 -0.74 0.00	46.73 -0.57 0.00	41.55 -0.38 0.00	36.95 -0.60 0.00	34.07 -0.45 0.00	30.38 -0.53 0.00	28.03 0.31 0.00
NIAGARA_230_LBMP 323716	27.02 0.84 0.00	24.82 0.75 0.00	23.66 0.60 0.00	21.74 0.36 0.00	21.38 0.42 0.00	22.93 0.65 0.00	23.58 0.51 0.00	25.22 0.03 0.00	27.07 -0.44 0.00	28.64 -0.47 0.00	29.31 -0.75 0.00	32.59 0.07 0.00	35.53 0.32 0.00	37.63 0.23 0.00	39.93 0.12 0.00	41.98 -0.47 0.00	47.04 0.14 0.00	49.29 -0.05 0.00	47.39 0.09 0.00	42.13 0.21 0.00	37.48 -0.07 0.00	34.52 0.00 0.00	30.78 -0.12 0.00	28.36 0.64 0.00
NIAGARA__115KV_198_GIBSON 55903	26.68 0.50 0.00	24.51 0.43 0.00	23.40 0.35 0.00	21.44 0.06 0.00	21.11 0.15 0.00	22.62 0.33 0.00	23.28 0.21 0.00	24.87 -0.33 0.00	26.66 -0.85 0.00	28.23 -0.87 0.00	29.70 -0.36 0.00	32.13 -0.39 0.00	35.15 -0.07 0.00	37.11 -0.30 0.00	39.41 -0.40 0.00	41.38 -1.06 0.00	46.38 -0.52 0.00	48.60 -0.74 0.00	46.73 -0.57 0.00	41.55 -0.38 0.00	36.95 -0.60 0.00	34.07 -0.45 0.00	30.38 -0.53 0.00	28.02 0.30 0.00
NIAGARA____ 23760	26.81 0.63 0.00	24.60 0.53 0.00	23.47 0.42 0.00	21.55 0.17 0.00	21.19 0.23 0.00	22.73 0.45 0.00	23.35 0.28 0.00	24.99 -0.20 0.00	26.86 -0.66 0.00	28.44 -0.67 0.00	29.10 -0.96 0.00	32.36 -0.16 0.00	35.32 0.11 0.00	37.41 0.00 0.00	39.69 -0.12 0.00	41.72 -0.72 0.00	46.80 -0.09 0.00	49.04 -0.29 0.00	47.15 -0.14 0.00	41.92 0.00 0.00	37.25 -0.30 0.00	34.31 -0.21 0.00	30.56 -0.34 0.00	28.11 0.39 0.00
NINE_MILE_1 23575	25.61 -0.58 0.00	23.52 -0.55 0.00	22.55 -0.51 0.00	20.89 -0.49 0.00	20.50 -0.46 0.00	21.82 -0.47 0.00	22.57 -0.51 0.00	24.59 -0.60 0.00	26.80 -0.72 0.00	28.38 -0.73 0.00	29.31 -0.75 0.00	31.84 -0.68 0.00	34.51 -0.70 0.00	36.70 -0.71 0.00	38.97 -0.84 0.00	41.55 -0.89 0.00	44.68 -0.84 1.37	48.40 -0.94 0.00	46.40 -0.90 0.00	41.09 -0.84 0.00	36.73 -0.83 0.00	33.76 -0.76 0.00	30.19 -0.71 0.00	27.14 -0.58 0.00
NINE_MILE_2 23744	25.61 -0.58 0.00	23.52 -0.55 0.00	22.55 -0.51 0.00	20.89 -0.49 0.00	20.50 -0.46 0.00	21.82 -0.47 0.00	22.57 -0.51 0.00	24.59 -0.60 0.00	26.80 -0.72 0.00	28.38 -0.73 0.00	29.31 -0.75 0.00	31.84 -0.68 0.00	34.51 -0.70 0.00	36.66 -0.75 0.00	38.97 -0.84 0.00	41.55 -0.89 0.00	44.66 -0.84 1.39	48.40 -0.94 0.00	46.40 -0.90 0.00	41.09 -0.84 0.00	36.73 -0.83 0.00	33.76 -0.76 0.00	30.19 -0.71 0.00	27.14 -0.58 0.00
NM_CAPITAL____DRP 24208	26.84 0.65 0.00	24.67 0.60 0.00	23.70 0.65 0.00	22.04 0.66 0.00	21.50 0.54 0.00	22.89 0.60 0.00	23.70 0.62 0.00	25.95 0.76 0.00	28.42 0.91 0.00	29.62 0.87 0.36	30.24 0.78 0.60	32.66 0.81 0.68	35.70 0.81 0.33	38.14 0.90 0.17	40.05 0.96 0.71	43.09 1.19 0.54	47.87 1.64 0.66	51.48 2.17 0.02	49.14 1.84 0.00	43.14 1.22 0.00	38.76 1.20 0.00	35.66 1.14 0.00	31.95 1.05 0.00	28.61 0.89 0.00
NM_CENTRAL____DRP 24181	26.24 0.05 0.00	24.12 0.05 0.00	23.10 0.05 0.00	21.38 0.00 0.00	20.98 0.02 0.00	22.35 0.07 0.00	23.12 0.05 0.00	25.20 0.00 0.00	27.49 -0.03 0.00	29.11 0.00 0.00	30.21 0.15 0.00	32.78 0.26 0.00	35.61 0.39 0.00	37.86 0.45 0.00	40.16 0.36 0.00	42.87 0.42 0.00	47.71 0.70 -0.11	49.98 0.64 0.00	47.86 0.57 0.00	42.30 0.38 0.00	37.82 0.26 0.00	34.69 0.17 0.00	31.03 0.12 0.00	27.86 0.14 0.00
NM_FRONTIER____DRP 24179	26.68 0.50 0.00	24.51 0.43 0.00	23.40 0.35 0.00	21.44 0.06 0.00	21.11 0.15 0.00	22.62 0.33 0.00	23.28 0.21 0.00	24.87 -0.33 0.00	26.66 -0.85 0.00	28.23 -0.87 0.00	29.70 -0.36 0.00	32.13 -0.39 0.00	35.15 -0.07 0.00	37.11 -0.30 0.00	39.41 -0.40 0.00	41.38 -1.06 0.00	46.38 -0.52 0.00	48.60 -0.74 0.00	46.73 -0.57 0.00	41.55 -0.38 0.00	36.95 -0.60 0.00	34.07 -0.45 0.00	30.38 -0.53 0.00	28.02 0.30 0.00
NM_ST_REGIS____HYD 24053	25.24 -0.94 0.00	23.18 -0.89 0.00	22.11 -0.95 0.00	20.48 -0.90 0.00	20.20 -0.75 0.00	21.48 -0.80 0.00	22.22 -0.85 0.00	24.29 -0.91 0.00	26.47 -1.05 0.00	28.21 -0.90 0.00	29.13 -0.93 0.00	31.48 -1.04 0.00	34.20 -1.02 0.00	36.36 -1.05 0.00	38.69 -1.11 0.00	41.43 -1.02 0.00	45.24 -1.69 -0.04	46.82 -2.52 0.00	45.59 -1.70 0.00	40.88 -1.05 0.00	36.50 -1.05 0.00	33.34 -1.17 0.00	29.70 -1.21 0.00	26.47 -1.25 0.00
NORTHPORT____1 23551	33.69 2.44 -5.07	30.35 2.26 -4.02	25.20 2.14 0.00	23.39 2.01 0.00	22.87 1.91 0.00	24.22 1.94 0.00	25.28 2.19 -0.02	31.74 2.57 -3.97	33.39 2.97 -2.90	33.25 3.06 -1.09	32.99 2.43 -0.50	35.33 2.24 -0.56	37.71 2.22 -0.27	39.90 2.36 -0.13	42.31 2.71 0.21	45.69 2.80 -0.45	51.11 3.66 -0.55	54.09 4.74 -0.01	51.02 3.74 0.01	44.05 2.14 0.01	39.92 2.41 0.04	36.75 2.24 0.01	33.18 2.29 0.01	31.46 2.55 -1.20
NORTHPORT____2 23552	33.69 2.44 -5.07	30.35 2.26 -4.02	25.20 2.14 0.00	23.39 2.01 0.00	22.87 1.91 0.00	24.22 1.94 0.00	25.28 2.19 -0.02	31.74 2.57 -3.97	33.39 2.97 -2.90	33.25 3.06 -1.09	32.99 2.43 -0.50	35.33 2.24 -0.56	37.71 2.22 -0.27	39.90 2.36 -0.13	42.31 2.71 0.21	45.69 2.80 -0.45	51.11 3.66 -0.55	54.09 4.74 -0.01	51.02 3.74 0.01	44.05 2.14 0.01	39.92 2.41 0.04	36.75 2.24 0.01	33.18 2.29 0.01	31.46 2.55 -1.20
NORTHPORT____3 23553	33.41 2.17 -5.05	30.05 1.97 -4.00	24.90 1.85 0.00	23.13 1.75 0.00	22.59 1.64 0.00	23.93 1.65 0.00	24.98 1.89 -0.02	31.42 2.27 -3.96	33.07 2.67 -2.89	32.99 2.79 -1.08	32.78 2.22 -0.50	35.26 2.18 -0.56	37.60 2.11 -0.27	39.83 2.28 -0.14	42.46 2.59 -0.07	45.74 2.84 -0.45	51.15 3.70 -0.55	53.94 4.59 -0.01	50.88 3.59 0.01	43.93 2.01 0.01	39.56 2.03 0.02	36.51 2.00 0.01	33.00 2.10 0.00	31.21 2.30 -1.19
NORTHPORT____4 23650	33.41 2.17 -5.05	30.05 1.97 -4.00	24.90 1.85 0.00	23.13 1.75 0.00	22.59 1.64 0.00	23.93 1.65 0.00	24.98 1.89 -0.02	31.42 2.27 -3.96	33.07 2.67 -2.89	32.99 2.79 -1.08	32.78 2.22 -0.50	35.26 2.18 -0.56	37.60 2.11 -0.27	39.83 2.28 -0.14	42.46 2.59 -0.07	45.74 2.84 -0.45	51.15 3.70 -0.55	53.94 4.59 -0.01	50.88 3.59 0.01	43.93 2.01 0.01	39.56 2.03 0.02	36.51 2.00 0.01	33.00 2.10 0.00	31.21 2.30 -1.19
NORTHPORT____IC 23718	33.69 2.44 -5.07	30.35 2.26 -4.02	25.20 2.14 0.00	23.39 2.01 0.00	22.87 1.91 0.00	24.22 1.94 0.00	25.28 2.19 -0.02	31.74 2.57 -3.97	33.39 2.97 -2.90	33.25 3.06 -1.09	32.99 2.43 -0.50	35.33 2.24 -0.56	37.71 2.22 -0.27	39.90 2.36 -0.13	42.31 2.71 0.21	45.69 2.80 -0.45	51.11 3.66 -0.55	54.09 4.74 -0.01	51.02 3.74 0.01	44.05 2.14 0.01	39.92 2.41 0.04	36.75 2.24 0.01	33.18 2.29 0.01	31.46 2.55 -1.20

NORTH__COUNTRY_ESR 323785	26.13 -0.05 0.00	24.02 -0.05 0.00	22.92 -0.14 0.00	21.27 -0.11 0.00	20.90 -0.06 0.00	22.31 0.02 0.00	23.03 -0.05 0.00	25.22 0.03 0.00	27.52 0.00 0.00	29.31 0.21 0.00	30.33 0.27 0.00	32.59 0.07 0.00	35.43 0.21 0.00	37.52 0.11 0.00	40.05 0.24 0.00	42.70 0.26 0.00	46.75 -0.14 0.00	48.79 -0.54 0.00	47.20 -0.09 0.00	42.13 0.21 0.00	37.48 -0.07 0.00	34.17 -0.35 0.00	30.44 -0.46 0.00	27.14 -0.58 0.00
NPX_GEN_1385_PROXY 323591	33.17 1.91 -5.07	29.87 1.78 -4.02	24.95 1.89 0.00	23.09 1.71 0.00	22.61 1.66 0.00	23.96 1.67 0.00	24.91 1.82 -0.02	31.36 2.19 -3.97	33.00 2.59 -2.90	32.64 2.45 -1.09	32.51 1.95 -0.50	34.68 1.59 -0.56	37.14 1.66 -0.27	39.08 1.53 -0.13	41.27 1.67 0.21	44.89 2.00 -0.45	49.84 2.39 -0.55	53.44 4.09 -0.01	50.32 3.03 0.01	43.47 1.55 0.01	39.46 1.95 0.04	36.27 1.76 0.01	32.60 1.70 0.01	31.13 2.22 -1.20
NPX_GEN_CSC 323557	33.98 2.75 -5.05	30.55 2.48 -4.00	25.39 2.33 0.00	23.52 2.14 0.00	23.01 2.06 0.00	24.36 2.07 0.00	25.51 2.42 -0.02	31.93 2.77 -3.96	33.65 3.25 -2.89	33.34 3.14 -1.08	33.35 2.80 -0.50	35.88 2.80 -0.56	38.31 2.82 -0.27	40.58 3.03 -0.14	46.48 3.50 -3.18	46.54 3.65 -0.45	52.04 4.60 -0.55	55.12 5.77 -0.01	52.02 4.73 0.01	44.81 2.89 0.01	40.66 3.01 -0.10	37.31 2.79 0.00	33.72 2.81 0.00	31.79 2.88 -1.19
NSINS_S_GLNS_FALLS 23858	27.42 1.23 0.00	25.18 1.11 0.00	24.19 1.13 0.00	22.43 1.05 0.00	21.92 0.96 0.00	23.38 1.09 0.00	24.23 1.15 0.00	26.63 1.44 0.00	29.08 1.57 0.00	30.23 1.48 0.36	30.84 1.38 0.60	33.40 1.56 0.68	36.51 1.62 0.33	39.07 1.83 0.17	41.04 1.95 0.72	44.32 2.42 0.54	49.28 3.05 0.66	53.16 3.85 0.02	51.03 3.74 0.00	45.03 3.10 0.00	40.37 2.82 0.00	37.14 2.62 0.00	33.04 2.13 0.00	29.49 1.77 0.00
NUCOR_STEEL__DRP 24197	26.74 0.55 0.00	24.60 0.53 0.00	23.57 0.51 0.00	21.76 0.38 0.00	21.36 0.40 0.00	22.80 0.51 0.00	23.61 0.53 0.00	25.68 0.48 0.00	28.01 0.50 0.00	29.63 0.52 0.00	30.78 0.72 0.00	33.43 0.91 0.00	36.31 1.09 0.00	38.53 1.12 0.00	40.88 1.07 0.00	43.72 1.27 0.00	48.88 1.78 -0.21	51.16 1.83 0.00	49.09 1.80 0.00	43.31 1.38 0.00	38.72 1.16 0.00	35.48 0.97 0.00	31.71 0.80 0.00	28.44 0.72 0.00
NUMBER_THREE_WT_PWR 323818	26.24 0.05 0.00	24.07 0.00 0.00	23.06 0.00 0.00	21.27 -0.11 0.00	20.90 -0.06 0.00	22.31 0.02 0.00	23.21 0.14 0.00	25.17 -0.03 0.00	27.35 -0.16 0.00	29.02 -0.09 0.00	30.00 -0.06 0.00	32.55 0.03 0.00	35.39 0.18 0.00	37.78 0.37 0.00	40.09 0.28 0.00	43.04 0.59 0.00	47.60 0.61 -0.10	49.58 0.25 0.00	47.96 0.66 0.00	42.72 0.79 0.00	38.30 0.75 0.00	34.93 0.42 0.00	30.81 -0.09 0.00	27.55 -0.17 0.00
NYISO_LBMP_REFERENCE 24008	26.19 0.00 0.00	24.07 0.00 0.00	23.06 0.00 0.00	21.38 0.00 0.00	20.96 0.00 0.00	22.29 0.00 0.00	23.08 0.00 0.00	25.20 0.00 0.00	27.52 0.00 0.00	29.11 0.00 0.00	30.06 0.00 0.00	32.52 0.00 0.00	35.22 0.00 0.00	37.41 0.00 0.00	39.81 0.00 0.00	42.44 0.00 0.00	46.89 0.00 0.00	49.34 0.00 0.00	47.30 0.00 0.00	41.92 0.00 0.00	37.55 0.00 0.00	34.52 0.00 0.00	30.90 0.00 0.00	27.72 0.00 0.00
NYPA_BRENTWD__GT 24164	34.09 2.88 -5.02	30.68 2.62 -3.98	25.53 2.47 0.00	23.69 2.31 0.00	23.16 2.20 0.00	24.54 2.25 0.00	25.61 2.52 -0.01	32.08 2.95 -3.94	33.80 3.41 -2.87	33.71 3.52 -1.08	33.65 3.10 -0.50	36.18 3.09 -0.56	38.62 3.13 -0.27	40.91 3.33 -0.17	52.91 3.62 -9.48	46.46 3.57 -0.45	51.90 4.46 -0.55	54.92 5.57 -0.01	51.83 4.54 0.01	44.85 2.93 0.01	41.24 3.31 -0.38	37.65 3.11 -0.03	33.99 3.06 -0.03	32.04 3.13 -1.18
NYPA_GOWANUS__GT5 24156	28.42 2.22 -0.01	26.10 2.02 -0.01	24.91 1.85 -0.01	23.16 1.77 -0.01	22.59 1.64 0.00	23.78 1.49 0.00	24.71 1.64 0.00	27.47 2.27 0.00	30.24 2.72 0.00	35.50 2.94 -3.46	38.14 3.07 -5.02	35.95 2.86 -0.57	38.38 2.89 -0.28	40.47 2.92 -0.14	43.31 2.90 -0.60	46.35 3.40 -0.51	84.35 4.13 -33.33	83.58 4.89 -29.36	78.60 3.92 -27.39	44.35 2.43 0.00	40.35 2.74 -0.06	37.40 2.83 -0.06	37.70 2.90 -3.89	30.23 2.50 -0.02
NYPA_GOWANUS__GT6 24157	28.42 2.22 -0.01	26.10 2.02 -0.01	24.91 1.85 -0.01	23.16 1.77 -0.01	22.59 1.64 0.00	23.78 1.49 0.00	24.71 1.64 0.00	27.47 2.27 0.00	30.24 2.72 0.00	35.50 2.94 -3.46	38.14 3.07 -5.02	35.95 2.86 -0.57	38.38 2.89 -0.28	40.47 2.92 -0.14	43.31 2.90 -0.60	46.35 3.40 -0.51	84.35 4.13 -33.33	83.58 4.89 -29.36	78.60 3.92 -27.39	44.35 2.43 0.00	40.35 2.74 -0.06	37.40 2.83 -0.06	37.70 2.90 -3.89	30.23 2.50 -0.02
NYPA_HARLEM_RVR_GT1 24160	28.37 2.17 -0.01	26.08 2.00 -0.01	24.88 1.82 0.00	23.16 1.77 -0.01	22.59 1.64 0.00	23.76 1.47 0.00	24.59 1.52 0.01	27.39 2.19 0.00	30.10 2.59 0.00	32.12 2.71 -0.31	33.35 2.80 -0.50	35.65 2.57 -0.56	38.05 2.57 -0.27	40.09 2.55 -0.14	42.95 2.55 -0.59	45.86 2.97 -0.45	51.10 3.66 -0.55	53.84 4.49 -0.01	50.60 3.31 0.01	43.93 2.01 0.01	39.87 2.33 0.01	37.07 2.55 0.00	33.63 2.72 -0.01	30.17 2.44 -0.01
NYPA_HARLEM_RVR_GT2 24161	28.37 2.17 -0.01	26.08 2.00 -0.01	24.88 1.82 0.00	23.16 1.77 -0.01	22.59 1.64 0.00	23.76 1.47 0.00	24.59 1.52 0.01	27.39 2.19 0.00	30.10 2.59 0.00	32.12 2.71 -0.31	33.35 2.80 -0.50	35.65 2.57 -0.56	38.05 2.57 -0.27	40.09 2.55 -0.14	42.95 2.55 -0.59	45.86 2.97 -0.45	51.10 3.66 -0.55	53.84 4.49 -0.01	50.60 3.31 0.01	43.93 2.01 0.01	39.87 2.33 0.01	37.07 2.55 0.00	33.63 2.72 -0.01	30.17 2.44 -0.01
NYPA_KENT__GT 24152	28.36 2.17 0.00	26.05 1.97 0.00	24.84 1.78 0.00	23.12 1.73 0.00	22.55 1.59 0.00	23.76 1.47 0.00	24.71 1.64 0.00	27.44 2.24 0.00	30.18 2.67 0.00	34.10 2.88 -2.11	36.44 2.98 -3.40	35.85 2.76 -0.57	38.31 2.82 -0.28	40.36 2.81 -0.14	43.23 2.83 -0.60	46.20 3.27 -0.49	70.15 3.94 -19.32	70.89 4.74 -16.81	51.12 3.79 -0.04	44.23 2.30 0.00	40.17 2.59 -0.03	37.28 2.73 -0.03	35.95 2.81 -2.23	30.14 2.41 -0.01
NYPA_POUCH1__GT 24155	28.42 2.22 -0.01	26.10 2.02 -0.01	24.89 1.82 -0.01	23.14 1.75 -0.01	22.57 1.61 0.00	23.73 1.45 0.00	24.64 1.57 0.00	27.39 2.19 0.00	30.16 2.64 0.00	36.13 2.85 -4.17	39.22 2.98 -6.18	35.86 2.76 -0.57	38.28 2.78 -0.28	40.39 2.84 -0.14	43.19 2.79 -0.60	46.19 3.27 -0.48	69.21 3.98 -18.33	96.93 4.74 -42.86	91.11 3.83 -39.99	44.22 2.30 0.00	40.31 2.67 -0.09	37.35 2.76 -0.07	38.55 2.87 -4.77	30.20 2.47 -0.02
NYPA_VERNON__GT2 24162	28.28 2.10 0.00	25.97 1.90 0.00	24.79 1.73 0.00	23.05 1.67 0.00	22.49 1.53 0.00	23.73 1.45 0.00	24.71 1.64 0.00	27.41 2.22 0.00	30.16 2.64 0.00	32.70 2.82 -0.77	34.76 2.91 -1.79	35.79 2.70 -0.57	38.21 2.71 -0.28	40.28 2.73 -0.14	43.15 2.74 -0.60	46.09 3.18 -0.46	56.05 3.85 -5.30	58.19 4.59 -4.27	50.94 3.64 0.00	44.19 2.26 0.00	40.04 2.48 -0.01	37.15 2.62 -0.01	34.20 2.72 -0.57	30.08 2.35 0.00

NYPA_VERNON____GT3 24163	28.28 2.10 0.00	25.97 1.90 0.00	24.79 1.73 0.00	23.05 1.67 0.00	22.49 1.53 0.00	23.73 1.45 0.00	24.71 1.64 0.00	27.41 2.22 0.00	30.16 2.64 0.00	32.70 2.82 -0.77	34.76 2.91 -1.79	35.79 2.70 -0.57	38.21 2.71 -0.28	40.28 2.73 -0.14	43.15 2.74 -0.60	46.09 3.18 -0.46	56.05 3.85 -5.30	58.19 4.59 -4.27	50.94 3.64 0.00	44.19 2.26 0.00	40.04 2.48 -0.01	37.15 2.62 -0.01	34.20 2.72 -0.57	30.08 2.35 0.00
NYPA____ASTORIA_CC1 323568	28.25 2.07 0.00	25.95 1.88 0.00	24.77 1.71 0.00	23.03 1.65 0.00	22.49 1.53 0.00	23.71 1.43 0.00	24.67 1.59 0.00	27.36 2.17 0.00	30.10 2.59 0.00	32.18 2.77 -0.31	34.05 2.86 -1.14	35.72 2.63 -0.57	38.14 2.64 -0.28	40.21 2.66 -0.14	43.03 2.63 -0.60	45.96 3.06 -0.46	51.15 3.70 -0.55	53.84 4.49 -0.01	50.79 3.50 0.01	44.06 2.14 0.00	39.96 2.41 0.00	37.07 2.55 0.00	33.60 2.69 -0.01	30.02 2.30 0.00
NYPA____ASTORIA_CC2 323569	28.25 2.07 0.00	25.95 1.88 0.00	24.77 1.71 0.00	23.03 1.65 0.00	22.49 1.53 0.00	23.71 1.43 0.00	24.67 1.59 0.00	27.36 2.17 0.00	30.10 2.59 0.00	32.18 2.77 -0.31	34.05 2.86 -1.14	35.72 2.63 -0.57	38.14 2.64 -0.28	40.21 2.66 -0.14	43.03 2.63 -0.60	45.96 3.06 -0.46	51.15 3.70 -0.55	53.84 4.49 -0.01	50.79 3.50 0.01	44.06 2.14 0.00	39.96 2.41 0.00	37.07 2.55 0.00	33.60 2.69 -0.01	30.02 2.30 0.00
NYPA____HOLTSVILL 23794	33.96 2.72 -5.05	30.55 2.48 -4.00	25.41 2.35 0.00	23.54 2.16 0.00	23.03 2.08 0.00	24.38 2.09 0.00	25.49 2.40 -0.02	31.90 2.75 -3.96	33.60 3.19 -2.89	33.42 3.23 -1.08	33.35 2.80 -0.50	35.85 2.76 -0.56	38.24 2.75 -0.27	40.47 2.92 -0.14	46.34 3.38 -3.15	46.37 3.48 -0.45	51.85 4.41 -0.55	54.87 5.52 -0.01	51.78 4.50 0.01	44.68 2.77 0.01	40.55 2.89 -0.10	37.28 2.76 0.00	33.72 2.81 0.00	31.88 2.97 -1.19
NYPA____HELLGATE_GT1 24158	28.37 2.17 -0.01	26.08 2.00 -0.01	24.88 1.82 0.00	23.16 1.77 -0.01	22.59 1.64 0.00	23.76 1.47 0.00	24.59 1.52 0.01	27.39 2.19 0.00	30.10 2.59 0.00	32.12 2.71 -0.31	33.35 2.80 -0.50	35.65 2.57 -0.56	38.05 2.57 -0.27	40.09 2.55 -0.14	42.95 2.55 -0.59	45.86 2.97 -0.45	51.10 3.66 -0.55	53.84 4.49 -0.01	50.60 3.31 0.01	43.93 2.01 0.01	39.84 2.29 0.01	37.07 2.55 0.00	33.63 2.72 -0.01	30.17 2.44 -0.01
NYPA____HELLGATE_GT2 24159	28.37 2.17 -0.01	26.08 2.00 -0.01	24.88 1.82 0.00	23.16 1.77 -0.01	22.59 1.64 0.00	23.76 1.47 0.00	24.59 1.52 0.01	27.39 2.19 0.00	30.10 2.59 0.00	32.12 2.71 -0.31	33.35 2.80 -0.50	35.65 2.57 -0.56	38.05 2.57 -0.27	40.09 2.55 -0.14	42.95 2.55 -0.59	45.86 2.97 -0.45	51.10 3.66 -0.55	53.84 4.49 -0.01	50.60 3.31 0.01	43.93 2.01 0.01	39.84 2.29 0.01	37.07 2.55 0.00	33.63 2.72 -0.01	30.17 2.44 -0.01
NYS_BARGE____HYD 23848	27.37 1.18 0.00	25.13 1.06 0.00	23.96 0.90 0.00	22.00 0.62 0.00	21.63 0.67 0.00	23.20 0.91 0.00	23.81 0.74 0.00	25.45 0.25 0.00	27.32 -0.19 0.00	28.93 -0.17 0.00	29.67 -0.39 0.00	32.98 0.46 0.00	36.06 0.84 0.00	38.20 0.79 0.00	40.52 0.72 0.00	42.66 0.21 0.00	47.78 0.89 0.00	50.08 0.74 0.00	48.15 0.85 0.00	42.81 0.88 0.00	38.01 0.45 0.00	35.00 0.48 0.00	31.18 0.28 0.00	28.69 0.97 0.00
OAK ORCHARD____HYD 24046	27.10 0.92 0.00	24.87 0.79 0.00	23.77 0.72 0.00	21.85 0.47 0.00	21.46 0.50 0.00	22.98 0.69 0.00	23.74 0.67 0.00	25.65 0.45 0.00	27.82 0.30 0.00	29.46 0.35 0.00	30.27 0.21 0.00	33.40 0.88 0.00	36.34 1.13 0.00	38.61 1.20 0.00	41.08 1.27 0.00	43.38 0.93 0.00	48.54 1.64 0.00	50.96 1.63 0.00	48.90 1.61 0.00	43.39 1.47 0.00	38.60 1.05 0.00	35.45 0.93 0.00	31.61 0.71 0.00	28.72 1.00 0.00
OAKDALE__35_KV_LOAD 356122	26.95 0.76 0.00	24.77 0.70 0.00	23.68 0.62 0.00	21.87 0.49 0.00	21.46 0.50 0.00	22.91 0.62 0.00	23.72 0.65 0.00	25.80 0.60 0.00	28.07 0.55 0.00	29.66 0.55 0.00	30.81 0.75 0.00	33.40 0.88 0.00	36.27 1.06 0.00	38.49 1.08 0.00	40.84 1.03 0.00	43.42 0.98 0.00	48.52 1.55 -0.07	51.01 1.68 0.00	48.90 1.61 0.00	43.14 1.22 0.00	38.57 1.01 0.00	35.41 0.90 0.00	31.64 0.74 0.00	28.52 0.80 0.00
OCC_CHEM____DRP 24175	26.76 0.58 0.00	24.58 0.51 0.00	23.45 0.39 0.00	21.51 0.13 0.00	21.17 0.21 0.00	22.69 0.40 0.00	23.33 0.25 0.00	24.94 -0.25 0.00	26.75 -0.77 0.00	28.32 -0.79 0.00	29.79 -0.27 0.00	32.23 -0.29 0.00	35.25 0.04 0.00	37.22 -0.19 0.00	39.53 -0.28 0.00	41.51 -0.93 0.00	46.52 -0.38 0.00	48.74 -0.59 0.00	46.87 -0.43 0.00	41.67 -0.25 0.00	37.07 -0.49 0.00	34.17 -0.35 0.00	30.47 -0.43 0.00	28.08 0.36 0.00
OH_GEN_PROXY 24063	27.02 0.84 0.00	24.82 0.75 0.00	23.66 0.60 0.00	21.74 0.36 0.00	21.38 0.42 0.00	22.93 0.65 0.00	23.61 0.53 0.00	25.25 0.05 0.00	27.10 -0.41 0.00	28.70 -0.41 0.00	29.37 -0.69 0.00	32.65 0.13 0.00	35.61 0.39 0.00	37.71 0.30 0.00	40.01 0.20 0.00	42.06 -0.38 0.00	47.13 0.24 0.00	49.44 0.10 0.00	47.49 0.19 0.00	42.22 0.30 0.00	37.55 0.00 0.00	34.59 0.07 0.00	30.84 -0.06 0.00	28.38 0.66 0.00
OLIN_CORP_DRP 24177	27.02 0.84 0.00	24.84 0.77 0.00	23.70 0.65 0.00	21.74 0.36 0.00	21.40 0.44 0.00	22.93 0.65 0.00	23.49 0.42 0.00	25.05 -0.15 0.00	26.88 -0.63 0.00	28.44 -0.67 0.00	29.94 -0.12 0.00	32.39 -0.13 0.00	35.46 0.25 0.00	37.48 0.07 0.00	39.77 -0.04 0.00	41.81 -0.64 0.00	46.85 -0.05 0.00	49.09 -0.25 0.00	47.20 -0.09 0.00	42.01 0.08 0.00	37.33 -0.23 0.00	34.38 -0.14 0.00	30.66 -0.25 0.00	28.22 0.50 0.00
OLIN_CORP_DSASP 323712	26.76 0.58 0.00	24.55 0.48 0.00	23.43 0.37 0.00	21.51 0.13 0.00	21.15 0.19 0.00	22.69 0.40 0.00	23.33 0.25 0.00	24.94 -0.25 0.00	26.75 -0.77 0.00	28.32 -0.78 0.00	28.98 -1.08 0.00	32.23 -0.29 0.00	35.18 -0.04 0.00	37.26 -0.15 0.00	39.53 -0.28 0.00	41.51 -0.93 0.00	46.52 -0.38 0.00	48.75 -0.59 0.00	46.87 -0.43 0.00	41.67 -0.25 0.00	37.06 -0.49 0.00	34.17 -0.35 0.00	30.47 -0.43 0.00	28.11 0.39 0.00
ONEIDA_HERK_LFGE 323681	26.63 0.44 0.00	24.43 0.36 0.00	23.41 0.35 0.00	21.64 0.26 0.00	21.23 0.27 0.00	22.64 0.36 0.00	23.54 0.46 0.00	25.57 0.38 0.00	27.87 0.36 0.00	29.46 0.35 0.00	30.57 0.51 0.00	33.14 0.62 0.00	36.03 0.81 0.00	38.45 1.05 0.00	40.72 0.92 0.00	43.76 1.32 0.00	48.29 1.36 -0.04	50.62 1.28 0.00	48.67 1.37 0.00	43.14 1.22 0.00	38.64 1.09 0.00	35.34 0.83 0.00	31.46 0.56 0.00	28.16 0.44 0.00
ONEIDA____115KV_TB4 55905	26.89 0.71 0.00	24.70 0.63 0.00	23.66 0.60 0.00	21.83 0.45 0.00	21.42 0.46 0.00	22.86 0.58 0.00	23.77 0.69 0.00	25.85 0.66 0.00	28.15 0.63 0.00	29.78 0.67 0.00	30.90 0.84 0.00	33.53 1.01 0.00	36.49 1.27 0.00	38.87 1.46 0.00	41.24 1.43 0.00	44.18 1.74 0.00	49.02 2.06 -0.06	51.36 2.02 0.00	49.33 2.03 0.00	43.64 1.72 0.00	39.09 1.54 0.00	35.72 1.21 0.00	31.83 0.93 0.00	28.52 0.80 0.00

ONONDAGA_REF_OCCRA 23987	26.34 0.16 0.00	24.22 0.14 0.00	23.17 0.12 0.00	21.44 0.06 0.00	21.04 0.08 0.00	22.42 0.13 0.00	23.24 0.16 0.00	25.32 0.13 0.00	27.63 0.11 0.00	29.22 0.12 0.00	30.33 0.27 0.00	32.94 0.42 0.00	35.75 0.53 0.00	38.01 0.60 0.00	40.32 0.52 0.00	43.08 0.64 0.00	47.97 0.94 -0.14	50.22 0.89 0.00	48.10 0.80 0.00	42.51 0.59 0.00	38.00 0.45 0.00	34.86 0.35 0.00	31.15 0.25 0.00	28.00 0.28 0.00
ONONDAGA___COGEN 23986	26.37 0.18 0.00	24.26 0.19 0.00	23.22 0.16 0.00	21.49 0.11 0.00	21.08 0.13 0.00	22.46 0.18 0.00	23.26 0.18 0.00	25.35 0.15 0.00	27.65 0.14 0.00	29.25 0.15 0.00	30.39 0.33 0.00	32.98 0.46 0.00	35.78 0.56 0.00	38.04 0.64 0.00	40.32 0.52 0.00	43.12 0.68 0.00	48.05 0.94 -0.21	50.22 0.89 0.00	48.15 0.85 0.00	42.55 0.63 0.00	38.04 0.49 0.00	34.90 0.38 0.00	31.21 0.31 0.00	28.02 0.30 0.00
ONTARIO___LFGE 23819	27.16 0.97 0.00	24.91 0.84 0.00	23.82 0.76 0.00	21.94 0.55 0.00	21.59 0.63 0.00	23.09 0.80 0.00	23.90 0.83 0.00	25.95 0.76 0.00	28.20 0.69 0.00	29.81 0.70 0.00	30.87 0.81 0.00	33.86 1.33 0.00	36.63 1.41 0.00	38.94 1.53 0.00	41.24 1.43 0.00	43.97 1.53 0.00	49.21 2.25 -0.06	51.66 2.32 0.00	49.61 2.32 0.00	43.81 1.89 0.00	39.02 1.46 0.00	35.72 1.21 0.00	32.01 1.11 0.00	28.86 1.14 0.00
ORANGEVILLE_WT_PWR 323706	27.52 1.33 0.00	25.25 1.18 0.00	24.07 1.01 0.00	22.13 0.75 0.00	21.78 0.82 0.00	23.35 1.07 0.00	24.04 0.97 0.00	25.83 0.63 0.00	27.82 0.30 0.00	29.46 0.35 0.00	30.30 0.24 0.00	33.53 1.01 0.00	36.52 1.30 0.00	38.75 1.34 0.00	41.04 1.24 0.00	43.34 0.89 0.00	48.58 1.69 0.00	50.96 1.63 0.00	48.95 1.65 0.00	43.43 1.51 0.00	38.57 1.01 0.00	35.48 0.97 0.00	31.61 0.71 0.00	28.91 1.19 0.00
ORANGEVILLE___ESR 323794	27.52 1.33 0.00	25.25 1.18 0.00	24.07 1.01 0.00	22.13 0.75 0.00	21.78 0.82 0.00	23.35 1.07 0.00	24.04 0.97 0.00	25.83 0.63 0.00	27.82 0.30 0.00	29.46 0.35 0.00	30.30 0.24 0.00	33.53 1.01 0.00	36.52 1.30 0.00	38.75 1.34 0.00	41.04 1.24 0.00	43.34 0.89 0.00	48.58 1.69 0.00	50.96 1.63 0.00	48.95 1.65 0.00	43.43 1.51 0.00	38.57 1.01 0.00	35.48 0.97 0.00	31.61 0.71 0.00	28.91 1.19 0.00
OSWEGATCHIE___HYD 24044	25.58 -0.60 0.00	23.47 -0.60 0.00	22.46 -0.60 0.00	20.76 -0.62 0.00	20.37 -0.59 0.00	21.75 -0.54 0.00	22.57 -0.51 0.00	24.54 -0.66 0.00	26.72 -0.80 0.00	28.38 -0.73 0.00	29.37 -0.69 0.00	31.74 -0.78 0.00	34.55 -0.67 0.00	36.81 -0.60 0.00	39.13 -0.68 0.00	41.94 -0.51 0.00	46.13 -0.84 -0.08	47.81 -1.53 0.00	46.49 -0.80 0.00	41.59 0.00 0.00	37.25 -0.30 0.00	34.00 -0.52 0.00	30.16 -0.74 0.00	26.94 -0.78 0.00
OSWEGO___5 23606	25.90 -0.29 0.00	23.81 -0.26 0.00	22.81 -0.25 0.00	21.12 -0.26 0.00	20.73 -0.23 0.00	22.06 -0.22 0.00	22.82 -0.25 0.00	24.87 -0.33 0.00	27.10 -0.41 0.00	28.70 -0.41 0.00	29.64 -0.42 0.00	32.23 -0.29 0.00	34.90 -0.32 0.00	37.11 -0.30 0.00	39.45 -0.36 0.00	42.02 -0.42 0.00	47.54 -0.28 -0.92	49.04 -0.29 0.00	46.97 -0.33 0.00	41.59 -0.34 0.00	37.18 -0.38 0.00	34.14 -0.38 0.00	30.56 -0.34 0.00	27.47 -0.25 0.00
OSWEGO___6 23613	25.90 -0.29 0.00	23.81 -0.26 0.00	22.81 -0.25 0.00	21.12 -0.26 0.00	20.73 -0.23 0.00	22.06 -0.22 0.00	22.82 -0.25 0.00	24.87 -0.33 0.00	27.10 -0.41 0.00	28.70 -0.41 0.00	29.64 -0.42 0.00	32.23 -0.29 0.00	34.90 -0.32 0.00	37.11 -0.30 0.00	39.45 -0.36 0.00	42.02 -0.42 0.00	47.54 -0.28 -0.92	49.04 -0.29 0.00	46.97 -0.33 0.00	41.59 -0.34 0.00	37.18 -0.38 0.00	34.14 -0.38 0.00	30.56 -0.34 0.00	27.47 -0.25 0.00
OUTOKUMPU-AB___DRP 24206	27.47 1.28 0.00	25.25 1.18 0.00	24.10 1.04 0.00	22.06 0.68 0.00	21.71 0.75 0.00	23.29 1.00 0.00	23.95 0.88 0.00	25.62 0.43 0.00	27.52 0.00 0.00	29.14 0.03 0.00	30.72 0.66 0.00	33.27 0.75 0.00	36.49 1.27 0.00	38.49 1.08 0.00	40.80 1.00 0.00	42.95 0.51 0.00	48.07 1.17 0.00	50.37 1.04 0.00	48.43 1.14 0.00	43.01 1.09 0.00	38.19 0.64 0.00	35.28 0.76 0.00	31.40 0.49 0.00	28.86 1.14 0.00
OXBOW____ 24026	27.18 0.99 0.00	24.94 0.87 0.00	23.80 0.74 0.00	21.83 0.45 0.00	21.48 0.52 0.00	23.04 0.76 0.00	23.70 0.62 0.00	25.35 0.15 0.00	27.19 -0.33 0.00	28.79 -0.32 0.00	29.55 -0.51 0.00	32.85 0.33 0.00	35.92 0.70 0.00	38.01 0.60 0.00	40.29 0.48 0.00	42.40 -0.04 0.00	47.46 0.56 0.00	49.73 0.39 0.00	47.82 0.52 0.00	42.51 0.59 0.00	37.74 0.19 0.00	34.83 0.31 0.00	31.03 0.12 0.00	28.55 0.83 0.00
OXY_CHEM_DSASP 323612	26.76 0.58 0.00	24.58 0.51 0.00	23.45 0.39 0.00	21.51 0.13 0.00	21.17 0.21 0.00	22.69 0.40 0.00	23.33 0.25 0.00	24.94 -0.25 0.00	26.75 -0.77 0.00	28.32 -0.79 0.00	29.79 -0.27 0.00	32.23 -0.29 0.00	35.25 0.04 0.00	37.22 -0.19 0.00	39.53 -0.28 0.00	41.51 -0.93 0.00	46.52 -0.38 0.00	48.74 -0.59 0.00	46.87 -0.43 0.00	41.67 -0.25 0.00	37.07 -0.49 0.00	34.17 -0.35 0.00	30.47 -0.43 0.00	28.08 0.36 0.00
OZONE_PARK_ESR 323760	28.44 2.25 0.00	26.14 2.07 0.00	24.93 1.87 0.00	23.15 1.77 0.00	22.49 1.53 0.00	23.93 1.65 0.00	24.97 1.89 0.00	27.59 2.39 0.00	30.35 2.83 0.00	32.41 3.00 -0.30	33.51 2.95 -0.50	36.05 2.96 -0.57	38.45 2.96 -0.28	40.66 3.10 -0.14	43.63 3.22 -0.60	46.59 3.69 -0.46	52.05 4.60 -0.56	54.73 5.38 -0.02	51.79 4.49 0.00	44.82 2.89 0.00	40.41 2.85 0.00	37.45 2.93 0.00	33.84 2.94 0.00	30.27 2.55 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	26.76 0.58 0.00	24.58 0.51 0.00	23.45 0.39 0.00	21.51 0.13 0.00	21.17 0.21 0.00	22.69 0.40 0.00	23.33 0.25 0.00	24.94 -0.25 0.00	26.75 -0.77 0.00	28.32 -0.79 0.00	29.79 -0.27 0.00	32.23 -0.29 0.00	35.25 0.04 0.00	37.22 -0.19 0.00	39.53 -0.28 0.00	41.51 -0.93 0.00	46.52 -0.38 0.00	48.74 -0.59 0.00	46.87 -0.43 0.00	41.67 -0.25 0.00	37.07 -0.49 0.00	34.17 -0.35 0.00	30.47 -0.43 0.00	28.08 0.36 0.00
PACKARD___115KV_DUPONT_184 80571	26.76 0.58 0.00	24.58 0.51 0.00	23.45 0.39 0.00	21.51 0.13 0.00	21.17 0.21 0.00	22.69 0.40 0.00	23.33 0.25 0.00	24.94 -0.25 0.00	26.75 -0.77 0.00	28.32 -0.79 0.00	29.79 -0.27 0.00	32.23 -0.29 0.00	35.25 0.04 0.00	37.22 -0.19 0.00	39.53 -0.28 0.00	41.51 -0.93 0.00	46.52 -0.38 0.00	48.74 -0.59 0.00	46.87 -0.43 0.00	41.67 -0.25 0.00	37.07 -0.49 0.00	34.17 -0.35 0.00	30.47 -0.43 0.00	28.08 0.36 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	28.34 2.15 -0.01	26.05 1.97 -0.01	24.83 1.78 0.00	23.12 1.73 -0.01	22.43 1.47 0.00	23.71 1.43 0.00	24.57 1.50 0.00	27.36 2.17 0.00	30.05 2.53 0.00	32.10 2.68 -0.31	33.14 2.59 -0.50	35.60 2.50 -0.57	37.96 2.47 -0.28	40.06 2.51 -0.14	42.87 2.47 -0.60	45.83 2.93 -0.46	51.01 3.56 -0.55	53.69 4.34 -0.01	50.88 3.59 0.01	43.89 1.97 0.00	39.81 2.25 0.00	37.00 2.49 0.00	33.57 2.66 -0.01	30.14 2.41 -0.01

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	28.68 2.49 -0.01	26.37 2.29 -0.01	25.13 2.08 0.00	23.38 1.99 -0.01	22.66 1.70 0.00	23.96 1.67 0.00	24.83 1.75 0.00	27.64 2.44 0.00	30.38 2.86 0.00	32.42 3.00 -0.31	33.71 3.16 -0.50	36.18 3.09 -0.57	38.59 3.10 -0.28	40.77 3.22 -0.14	43.35 2.95 -0.60	46.68 3.78 -0.46	51.67 4.22 -0.55	54.33 4.98 -0.01	51.54 4.26 0.01	44.44 2.52 0.00	40.29 2.74 0.00	37.42 2.90 0.00	33.97 3.06 -0.01	30.42 2.69 -0.01
PATROON__115KV_TB1 80586	26.84 0.65 0.00	24.67 0.60 0.00	23.70 0.65 0.00	22.02 0.64 0.00	21.50 0.54 0.00	22.89 0.60 0.00	23.72 0.65 0.00	25.98 0.78 0.00	28.42 0.91 0.00	29.68 0.90 0.33	30.31 0.81 0.56	32.77 0.88 0.63	35.79 0.88 0.31	38.22 0.97 0.16	40.21 1.07 0.67	43.25 1.32 0.51	48.06 1.78 0.62	51.63 2.32 0.02	49.28 1.99 0.00	43.27 1.34 0.00	38.83 1.28 0.00	35.76 1.24 0.00	31.98 1.08 0.00	28.66 0.94 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	27.73 1.54 0.00	25.47 1.40 0.00	24.26 1.20 0.00	22.24 0.86 0.00	21.88 0.92 0.00	23.49 1.20 0.00	24.18 1.11 0.00	25.85 0.66 0.00	27.79 0.28 0.00	29.46 0.35 0.00	31.05 0.99 0.00	33.66 1.14 0.00	36.94 1.73 0.00	39.05 1.65 0.00	41.32 1.51 0.00	43.59 1.15 0.00	48.86 1.97 0.00	51.21 1.87 0.00	49.23 1.94 0.00	43.64 1.72 0.00	38.68 1.13 0.00	35.62 1.10 0.00	31.68 0.77 0.00	29.16 1.44 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	28.07 1.89 0.00	25.85 1.78 0.00	24.67 1.61 0.00	22.96 1.58 0.00	22.30 1.34 0.00	23.69 1.40 0.00	24.67 1.59 0.00	27.16 1.97 0.00	29.83 2.31 0.00	31.78 2.42 -0.26	32.71 2.22 -0.43	35.29 2.28 -0.49	38.10 2.64 -0.24	40.38 2.84 -0.12	43.38 3.07 -0.51	46.19 3.35 -0.39	51.69 4.31 -0.48	54.44 5.08 -0.02	51.60 4.30 0.00	44.86 2.93 0.00	40.22 2.67 0.00	37.07 2.55 0.00	33.28 2.38 0.00	29.94 2.22 0.00
PEEKSKILL____ 23653	27.89 1.70 0.00	25.64 1.56 0.00	24.47 1.41 0.00	22.75 1.37 0.00	22.24 1.28 0.00	23.55 1.27 0.00	24.53 1.45 0.00	27.01 1.82 0.00	29.66 2.15 0.00	31.61 2.21 -0.29	32.81 2.26 -0.49	35.22 2.15 -0.56	37.71 2.22 -0.27	39.83 2.28 -0.14	42.78 2.39 -0.59	45.56 2.68 -0.44	50.91 3.47 -0.54	53.55 4.19 -0.02	50.75 3.45 0.00	44.06 2.14 0.00	39.69 2.14 0.00	36.69 2.18 0.00	33.03 2.13 0.00	29.63 1.91 0.00
PGE MADISON__WINDPWR 24146	28.52 2.33 0.00	26.14 2.07 0.00	25.02 1.96 0.00	22.98 1.60 0.00	22.59 1.64 0.00	24.20 1.92 0.00	25.24 2.17 0.00	27.21 2.02 0.00	29.41 1.90 0.00	30.97 1.86 0.00	32.10 2.04 0.00	34.99 2.47 0.00	38.28 3.06 0.00	40.85 3.44 0.00	43.15 3.34 0.00	46.61 4.16 0.00	51.95 4.97 -0.08	54.47 5.13 0.00	52.68 5.39 0.00	46.66 4.74 0.00	41.72 4.17 0.00	37.97 3.45 0.00	33.65 2.75 0.00	30.16 2.44 0.00
PIERCEFIELD__HYD 23852	24.98 -1.20 0.00	22.96 -1.11 0.00	21.93 -1.13 0.00	20.29 -1.09 0.00	19.99 -0.96 0.00	21.28 -1.00 0.00	22.01 -1.06 0.00	24.04 -1.16 0.00	26.20 -1.32 0.00	27.89 -1.22 0.00	28.80 -1.26 0.00	31.12 -1.40 0.00	33.84 -1.37 0.00	35.99 -1.42 0.00	38.33 -1.47 0.00	41.00 -1.44 0.00	44.78 -2.16 -0.04	46.23 -3.11 0.00	45.07 -2.22 0.00	40.50 -1.43 0.00	36.20 -1.35 0.00	33.07 -1.45 0.00	29.48 -1.42 0.00	26.31 -1.41 0.00
PINELAWN_CC_1 323563	33.77 2.70 -4.89	30.38 2.43 -3.87	25.36 2.31 0.00	23.52 2.14 0.00	22.99 2.03 0.00	24.36 2.07 0.00	25.44 2.35 -0.01	31.80 2.77 -3.83	33.50 3.19 -2.80	33.48 3.32 -1.06	33.53 2.98 -0.50	36.08 2.99 -0.56	38.16 2.68 -0.27	40.39 2.84 -0.14	44.89 3.26 -1.82	46.12 3.22 -0.45	51.67 4.22 -0.55	54.58 5.23 -0.01	51.55 4.26 0.01	44.48 2.56 0.01	40.42 2.82 -0.05	37.21 2.69 0.00	33.87 2.97 0.00	31.84 2.97 -1.15
PJM_GEN_HTP_PROXY 323702	28.10 1.91 0.00	25.83 1.76 0.00	24.65 1.59 0.00	22.92 1.54 0.00	22.38 1.43 0.00	23.69 1.40 0.00	24.71 1.64 0.00	27.29 2.09 0.00	30.02 2.50 0.00	32.03 2.62 -0.30	33.27 2.71 -0.50	35.66 2.57 -0.57	38.06 2.57 -0.28	40.21 2.66 -0.14	43.15 2.74 -0.60	46.04 3.14 -0.46	51.44 3.98 -0.56	54.05 4.69 -0.02	51.12 3.83 0.00	44.31 2.39 0.00	39.92 2.37 0.00	36.97 2.45 0.00	33.38 2.47 0.00	29.91 2.19 0.00
PJM_GEN_KEystone 24065	27.42 1.23 0.00	25.18 1.11 0.00	24.00 0.95 0.00	22.21 0.83 0.00	21.80 0.84 0.00	23.22 0.94 0.00	24.07 0.99 0.00	26.21 1.01 0.00	28.56 1.05 0.00	30.31 1.05 -0.16	31.37 1.05 -0.26	34.08 1.27 -0.29	36.77 1.41 -0.14	38.83 1.34 -0.07	41.43 1.31 -0.31	43.91 1.23 -0.23	49.20 2.02 -0.29	51.76 2.42 -0.01	49.33 2.03 0.00	43.22 1.30 0.00	38.72 1.17 0.00	35.72 1.21 0.00	32.01 1.11 0.00	28.97 1.25 0.00
PJM_GEN_NEPTUNE_PROXY 323594	33.49 2.15 -5.16	30.13 1.97 -4.09	24.93 1.87 0.00	23.13 1.75 0.00	22.61 1.66 0.00	23.93 1.65 0.00	24.98 1.89 -0.02	31.51 2.27 -4.04	33.11 2.64 -2.95	32.97 2.77 -1.10	33.08 2.53 -0.50	35.59 2.50 -0.56	37.91 2.43 -0.27	40.16 2.62 -0.14	43.27 2.87 -0.59	46.08 3.18 -0.45	51.52 4.08 -0.55	54.28 4.93 -0.01	51.26 3.97 0.01	44.26 2.35 0.01	39.91 2.37 0.01	36.82 2.31 0.01	33.31 2.41 0.00	31.32 2.38 -1.22
PJM_GEN_VFT_PROXY 323633	28.02 1.83 0.00	25.73 1.66 0.00	24.54 1.48 0.00	22.81 1.43 0.00	22.32 1.36 0.00	23.60 1.31 0.00	24.62 1.55 0.00	27.21 2.02 0.00	29.94 2.42 0.00	31.94 2.53 -0.30	33.15 2.59 -0.50	35.50 2.41 -0.57	37.85 2.36 -0.28	39.95 2.40 -0.14	42.87 2.47 -0.60	45.79 2.89 -0.46	51.11 3.66 -0.56	53.70 4.34 -0.02	50.80 3.50 0.00	43.98 2.05 0.00	39.66 2.10 0.00	36.79 2.28 0.00	33.28 2.38 0.00	29.80 2.08 0.00
PLATSBRG_115KV_PMLD1 355749	26.53 0.34 0.00	24.39 0.31 0.00	23.24 0.18 0.00	21.57 0.19 0.00	21.27 0.31 0.00	22.66 0.38 0.00	23.35 0.28 0.00	25.60 0.40 0.00	27.93 0.41 0.00	29.78 0.67 0.00	30.69 0.63 0.00	33.07 0.55 0.00	35.96 0.74 0.00	38.08 0.67 0.00	40.68 0.88 0.00	43.34 0.89 0.00	47.55 0.66 0.00	49.68 0.35 0.00	48.05 0.76 0.00	42.85 0.92 0.00	38.12 0.56 0.00	34.72 0.21 0.00	30.90 0.00 0.00	27.55 -0.17 0.00
PLEASANTVLY__LBMP 24000	27.63 1.44 0.00	25.40 1.32 0.00	24.28 1.22 0.00	22.60 1.22 0.00	22.01 1.05 0.00	23.40 1.11 0.00	24.34 1.27 0.00	26.71 1.51 0.00	29.33 1.82 0.00	31.32 1.86 -0.35	32.41 1.77 -0.58	34.96 1.79 -0.65	37.29 1.76 -0.32	39.41 1.83 -0.17	42.40 1.91 -0.69	45.17 2.21 -0.52	50.44 2.91 -0.64	52.91 3.55 -0.02	50.18 2.89 0.00	43.73 1.80 0.00	39.36 1.80 0.00	36.38 1.86 0.00	32.73 1.82 0.00	29.33 1.61 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	27.94 1.75 0.00	25.68 1.61 0.00	24.53 1.48 0.00	22.81 1.43 0.00	22.20 1.24 0.00	23.62 1.34 0.00	24.60 1.52 0.00	27.09 1.89 0.00	29.77 2.26 0.00	31.74 2.33 -0.30	32.82 2.25 -0.51	35.41 2.31 -0.58	37.82 2.32 -0.28	39.99 2.43 -0.15	42.96 2.55 -0.61	45.79 2.89 -0.46	51.16 3.70 -0.56	53.75 4.39 -0.02	50.94 3.64 0.00	44.23 2.31 0.00	39.88 2.33 0.00	36.83 2.31 0.00	33.19 2.29 0.00	29.72 2.00 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	27.94 1.75 0.00	25.68 1.61 0.00	24.53 1.48 0.00	22.81 1.43 0.00	22.20 1.24 0.00	23.62 1.34 0.00	24.60 1.52 0.00	27.09 1.89 0.00	29.77 2.26 0.00	31.74 2.33 -0.30	32.82 2.25 -0.51	35.41 2.31 -0.58	37.82 2.32 -0.28	39.99 2.43 -0.15	42.96 2.55 -0.61	45.79 2.89 -0.46	51.16 3.70 -0.56	53.75 4.39 -0.02	50.94 3.64 0.00	44.23 2.31 0.00	39.88 2.33 0.00	36.83 2.31 0.00	33.19 2.29 0.00	29.72 2.00 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	27.84 1.65 0.00	25.61 1.54 0.00	24.47 1.41 0.00	22.77 1.39 0.00	22.13 1.17 0.00	23.51 1.23 0.00	24.46 1.38 0.00	26.73 1.54 0.00	29.33 1.82 0.00	30.88 1.86 0.09	31.68 1.77 0.15	34.17 1.82 0.17	36.97 1.83 0.08	39.35 1.98 0.04	41.74 2.11 0.18	44.73 2.42 0.13	49.97 3.24 0.16	53.23 3.90 0.01	50.51 3.22 0.00	43.98 2.05 0.00	39.62 2.07 0.00	36.55 2.04 0.00	32.91 2.01 0.00	29.47 1.75 0.00
POLETTI____ 23519	28.12 1.94 0.00	25.85 1.78 0.00	24.65 1.59 0.00	22.94 1.56 0.00	22.28 1.32 0.00	23.71 1.43 0.00	24.71 1.64 0.00	27.29 2.09 0.00	30.02 2.50 0.00	32.06 2.65 -0.30	33.12 2.55 -0.50	35.63 2.54 -0.57	37.99 2.50 -0.28	40.13 2.58 -0.14	43.07 2.67 -0.60	46.00 3.10 -0.46	51.34 3.89 -0.56	53.95 4.59 -0.02	51.08 3.78 0.00	44.23 2.31 0.00	39.88 2.33 0.00	36.97 2.45 0.00	33.41 2.50 0.00	29.94 2.22 0.00
POMONA____ESR 323819	27.86 1.68 0.00	25.61 1.54 0.00	24.44 1.38 0.00	22.73 1.35 0.00	22.19 1.24 0.00	23.53 1.25 0.00	24.48 1.41 0.00	26.93 1.74 0.00	29.55 2.04 0.00	31.45 2.07 -0.27	32.68 2.17 -0.46	35.09 2.05 -0.52	37.51 2.04 -0.25	39.63 2.09 -0.13	42.54 2.19 -0.54	45.32 2.46 -0.41	50.68 3.28 -0.51	53.30 3.95 -0.02	50.51 3.22 0.00	43.89 1.97 0.00	39.54 1.99 0.00	36.55 2.04 0.00	32.91 2.01 0.00	29.52 1.80 0.00
PORT_JEFF_3 23555	34.01 2.77 -5.05	30.60 2.53 -4.00	25.43 2.38 0.00	23.58 2.20 0.00	23.05 2.10 0.00	24.42 2.14 0.00	25.53 2.44 -0.02	31.95 2.80 -3.96	33.68 3.27 -2.89	33.51 3.32 -1.08	33.44 2.89 -0.50	35.91 2.83 -0.56	38.27 2.78 -0.27	40.43 2.88 -0.14	46.28 3.34 -3.13	46.24 3.35 -0.45	51.76 4.31 -0.55	54.78 5.43 -0.01	51.69 4.40 0.01	44.56 2.64 0.01	40.51 2.85 -0.10	37.31 2.79 0.00	33.84 2.94 0.00	31.93 3.02 -1.19
PORT_JEFF_4 23616	34.01 2.77 -5.05	30.60 2.53 -4.00	25.43 2.38 0.00	23.58 2.20 0.00	23.05 2.10 0.00	24.42 2.14 0.00	25.53 2.44 -0.02	31.95 2.80 -3.96	33.68 3.27 -2.89	33.51 3.32 -1.08	33.44 2.89 -0.50	35.91 2.83 -0.56	38.27 2.78 -0.27	40.43 2.88 -0.14	46.28 3.34 -3.13	46.24 3.35 -0.45	51.76 4.31 -0.55	54.78 5.43 -0.01	51.69 4.40 0.01	44.56 2.64 0.01	40.51 2.85 -0.10	37.31 2.79 0.00	33.84 2.94 0.00	31.93 3.02 -1.19
PORT_JEFF_IC 23713	34.08 2.85 -5.04	30.64 2.58 -3.99	25.48 2.42 0.00	23.62 2.24 0.00	23.10 2.14 0.00	24.47 2.19 0.00	25.58 2.49 -0.02	32.00 2.85 -3.95	33.73 3.33 -2.89	33.57 3.37 -1.08	33.50 2.95 -0.50	36.01 2.93 -0.56	38.38 2.89 -0.27	40.62 3.07 -0.14	46.31 3.54 -2.96	46.29 3.40 -0.45	51.81 4.36 -0.55	54.83 5.48 -0.01	51.73 4.44 0.01	44.60 2.69 0.01	40.69 3.04 -0.09	37.45 2.93 0.00	33.90 3.00 0.00	32.01 3.10 -1.19
PPL PILGRIM_ST_GT1 24216	34.09 2.88 -5.02	30.68 2.62 -3.98	25.53 2.47 0.00	23.69 2.31 0.00	23.16 2.20 0.00	24.54 2.25 0.00	25.61 2.52 -0.01	32.08 2.95 -3.94	33.80 3.41 -2.87	33.71 3.52 -1.08	33.65 3.10 -0.50	36.18 3.09 -0.56	38.62 3.13 -0.27	40.91 3.33 -0.17	52.91 3.62 -9.48	46.46 3.57 -0.45	51.90 4.46 -0.55	54.92 5.57 -0.01	51.83 4.54 0.01	44.85 2.93 0.01	41.24 3.31 -0.38	37.65 3.11 -0.03	33.99 3.06 -0.03	32.04 3.13 -1.18
PPL PILGRIM_ST_GT2 24217	34.09 2.88 -5.02	30.68 2.62 -3.98	25.53 2.47 0.00	23.69 2.31 0.00	23.16 2.20 0.00	24.54 2.25 0.00	25.61 2.52 -0.01	32.08 2.95 -3.94	33.80 3.41 -2.87	33.71 3.52 -1.08	33.65 3.10 -0.50	36.18 3.09 -0.56	38.62 3.13 -0.27	40.91 3.33 -0.17	52.91 3.62 -9.48	46.46 3.57 -0.45	51.90 4.46 -0.55	54.92 5.57 -0.01	51.83 4.54 0.01	44.85 2.93 0.01	41.24 3.31 -0.38	37.65 3.11 -0.03	33.99 3.06 -0.03	32.04 3.13 -1.18
PPL_SHRM_GT3 24213	33.98 2.75 -5.05	30.55 2.48 -4.00	25.39 2.33 0.00	23.54 2.16 0.00	23.01 2.06 0.00	24.36 2.07 0.00	25.51 2.42 -0.02	31.92 2.77 -3.96	33.65 3.25 -2.89	33.34 3.14 -1.08	33.38 2.82 -0.50	35.91 2.83 -0.56	38.31 2.82 -0.27	40.62 3.07 -0.14	46.46 3.50 -3.15	46.58 3.69 -0.45	52.09 4.64 -0.55	55.17 5.82 -0.01	52.06 4.77 0.01	44.85 2.93 0.01	40.69 3.04 -0.10	37.34 2.83 0.00	33.75 2.84 0.00	31.82 2.91 -1.19
PPL_SHRM_GT4 24214	33.98 2.75 -5.05	30.55 2.48 -4.00	25.39 2.33 0.00	23.54 2.16 0.00	23.01 2.06 0.00	24.36 2.07 0.00	25.51 2.42 -0.02	31.92 2.77 -3.96	33.65 3.25 -2.89	33.34 3.14 -1.08	33.38 2.82 -0.50	35.91 2.83 -0.56	38.31 2.82 -0.27	40.62 3.07 -0.14	46.46 3.50 -3.15	46.58 3.69 -0.45	52.09 4.64 -0.55	55.17 5.82 -0.01	52.06 4.77 0.01	44.85 2.93 0.01	40.69 3.04 -0.10	37.34 2.83 0.00	33.75 2.84 0.00	31.82 2.91 -1.19
PROJECT___ORANGE 1 24174	26.26 0.08 0.00	24.14 0.07 0.00	23.13 0.07 0.00	21.38 0.00 0.00	21.00 0.04 0.00	22.35 0.07 0.00	23.14 0.07 0.00	25.22 0.03 0.00	27.52 0.00 0.00	29.14 0.03 0.00	30.24 0.18 0.00	32.81 0.29 0.00	35.64 0.42 0.00	37.90 0.49 0.00	40.20 0.40 0.00	42.95 0.51 0.00	47.75 0.75 -0.11	50.03 0.69 0.00	47.91 0.61 0.00	42.34 0.42 0.00	37.85 0.30 0.00	34.72 0.21 0.00	31.06 0.15 0.00	27.89 0.17 0.00
PROJECT___ORANGE 2 24166	26.26 0.08 0.00	24.14 0.07 0.00	23.13 0.07 0.00	21.38 0.00 0.00	21.00 0.04 0.00	22.35 0.07 0.00	23.14 0.07 0.00	25.22 0.03 0.00	27.52 0.00 0.00	29.14 0.03 0.00	30.24 0.18 0.00	32.81 0.29 0.00	35.64 0.42 0.00	37.90 0.49 0.00	40.20 0.40 0.00	42.95 0.51 0.00	47.75 0.75 -0.11	50.03 0.69 0.00	47.91 0.61 0.00	42.34 0.42 0.00	37.85 0.30 0.00	34.72 0.21 0.00	31.06 0.15 0.00	27.89 0.17 0.00
PUCKETT___SOLAR 323809	27.31 1.13 0.00	25.08 1.01 0.00	23.98 0.92 0.00	22.15 0.77 0.00	21.75 0.80 0.00	23.22 0.94 0.00	24.07 0.99 0.00	26.10 0.91 0.00	28.31 0.80 0.00	29.84 0.73 0.00	30.81 0.75 0.00	33.53 1.01 0.00	36.45 1.23 0.00	38.75 1.34 0.00	41.08 1.27 0.00	43.97 1.53 0.00	49.17 2.20 -0.07	51.75 2.42 0.00	49.75 2.46 0.00	43.98 2.05 0.00	39.32 1.77 0.00	36.07 1.55 0.00	32.17 1.27 0.00	28.97 1.25 0.00
PYRITES___HYD 24023	25.45 -0.73 0.00	23.37 -0.70 0.00	22.32 -0.74 0.00	20.63 -0.75 0.00	20.35 -0.61 0.00	21.68 -0.60 0.00	22.43 -0.65 0.00	24.47 -0.73 0.00	26.64 -0.88 0.00	28.35 -0.76 0.00	29.34 -0.72 0.00	31.74 -0.78 0.00	34.62 -0.60 0.00	36.85 -0.56 0.00	39.09 -0.72 0.00	42.02 -0.42 0.00	45.62 -1.31 -0.04	47.07 -2.27 0.00	45.92 -1.37 0.00	41.34 -0.59 0.00	36.99 -0.56 0.00	33.76 -0.76 0.00	30.10 -0.80 0.00	26.83 -0.89 0.00

QUAKERRD_115KV_BK1 80622	26.21 0.03 0.00	24.05 -0.02 0.00	23.01 -0.05 0.00	21.17 -0.21 0.00	20.79 -0.17 0.00	22.22 -0.07 0.00	22.98 -0.09 0.00	24.89 -0.30 0.00	27.05 -0.47 0.00	28.64 -0.47 0.00	29.91 -0.15 0.00	32.46 -0.07 0.00	35.32 0.11 0.00	37.48 0.07 0.00	39.85 0.04 0.00	42.23 -0.21 0.00	47.13 0.23 0.00	49.53 0.20 0.00	47.48 0.19 0.00	42.09 0.17 0.00	37.48 -0.08 0.00	34.38 -0.14 0.00	30.72 -0.19 0.00	27.78 0.06 0.00
QUENSBRY_115KV_TB8 356137	27.42 1.23 0.00	25.18 1.11 0.00	24.19 1.13 0.00	22.43 1.05 0.00	21.92 0.96 0.00	23.38 1.09 0.00	24.25 1.18 0.00	26.68 1.49 0.00	29.11 1.60 0.00	30.29 1.54 0.36	30.88 1.41 0.59	33.44 1.59 0.67	36.55 1.66 0.32	39.11 1.87 0.17	41.13 2.03 0.71	44.37 2.46 0.54	49.38 3.14 0.66	53.31 4.00 0.02	51.17 3.88 0.00	45.11 3.19 0.00	40.44 2.89 0.00	37.24 2.73 0.00	33.10 2.19 0.00	29.52 1.80 0.00
RAMAPO___LBMP 323565	27.76 1.57 0.00	25.52 1.44 0.00	24.35 1.29 0.00	22.64 1.26 0.00	22.03 1.07 0.00	23.47 1.18 0.00	24.41 1.34 0.00	26.83 1.64 0.00	29.44 1.93 0.00	31.36 1.98 -0.27	32.44 1.92 -0.45	34.99 1.95 -0.51	37.40 1.94 -0.25	39.52 1.98 -0.13	42.42 2.07 -0.54	45.15 2.29 -0.41	50.49 3.10 -0.50	53.10 3.75 -0.02	50.37 3.07 0.00	43.77 1.84 0.00	39.43 1.88 0.00	36.45 1.93 0.00	32.82 1.92 0.00	29.44 1.72 0.00
RANKINE____ 23646	27.68 1.49 0.00	25.42 1.35 0.00	24.26 1.20 0.00	22.24 0.86 0.00	21.86 0.90 0.00	23.47 1.18 0.00	24.14 1.06 0.00	25.85 0.66 0.00	27.76 0.25 0.00	29.43 0.32 0.00	30.99 0.93 0.00	33.59 1.07 0.00	36.84 1.62 0.00	38.94 1.53 0.00	41.24 1.43 0.00	43.46 1.02 0.00	48.68 1.78 0.00	51.06 1.73 0.00	49.05 1.75 0.00	43.56 1.64 0.00	38.64 1.09 0.00	35.55 1.04 0.00	31.64 0.74 0.00	29.08 1.36 0.00
RAVENSWOOD_GT2_1 24244	28.15 1.96 0.00	25.88 1.81 0.00	24.67 1.61 0.00	22.96 1.58 0.00	22.43 1.47 0.00	23.71 1.43 0.00	24.71 1.64 0.00	27.31 2.12 0.00	30.05 2.53 0.00	32.06 2.65 -0.30	33.30 2.73 -0.50	35.66 2.57 -0.57	38.06 2.57 -0.28	40.21 2.66 -0.14	43.15 2.74 -0.60	46.04 3.14 -0.46	51.39 3.94 -0.56	53.99 4.64 -0.02	51.08 3.79 0.00	44.27 2.35 0.00	39.96 2.41 0.00	37.00 2.49 0.00	33.47 2.56 0.00	29.94 2.22 0.00
RAVENSWOOD_GT2_2 24245	28.15 1.96 0.00	25.88 1.81 0.00	24.67 1.61 0.00	22.96 1.58 0.00	22.43 1.47 0.00	23.71 1.43 0.00	24.71 1.64 0.00	27.31 2.12 0.00	30.05 2.53 0.00	32.06 2.65 -0.30	33.30 2.73 -0.50	35.66 2.57 -0.57	38.06 2.57 -0.28	40.21 2.66 -0.14	43.15 2.74 -0.60	46.04 3.14 -0.46	51.39 3.94 -0.56	53.99 4.64 -0.02	51.08 3.79 0.00	44.27 2.35 0.00	39.96 2.41 0.00	37.00 2.49 0.00	33.47 2.56 0.00	29.94 2.22 0.00
RAVENSWOOD_GT2_3 24246	28.18 1.99 0.00	25.88 1.81 0.00	24.70 1.64 0.00	22.96 1.58 0.00	22.43 1.47 0.00	23.73 1.45 0.00	24.74 1.66 0.00	27.34 2.14 0.00	30.05 2.53 0.00	32.09 2.68 -0.30	33.33 2.76 -0.50	35.69 2.60 -0.57	38.10 2.61 -0.28	40.21 2.66 -0.14	43.15 2.74 -0.60	46.04 3.14 -0.46	51.44 3.98 -0.56	54.05 4.69 -0.02	51.12 3.83 0.00	44.31 2.39 0.00	39.99 2.44 0.00	37.04 2.52 0.00	33.47 2.56 0.00	29.96 2.24 0.00
RAVENSWOOD_GT2_4 24247	28.18 1.99 0.00	25.88 1.81 0.00	24.70 1.64 0.00	22.96 1.58 0.00	22.43 1.47 0.00	23.73 1.45 0.00	24.74 1.66 0.00	27.34 2.14 0.00	30.05 2.53 0.00	32.09 2.68 -0.30	33.33 2.76 -0.50	35.69 2.60 -0.57	38.10 2.61 -0.28	40.21 2.66 -0.14	43.15 2.74 -0.60	46.04 3.14 -0.46	51.44 3.98 -0.56	54.05 4.69 -0.02	51.12 3.83 0.00	44.31 2.39 0.00	39.99 2.44 0.00	37.04 2.52 0.00	33.47 2.56 0.00	29.96 2.24 0.00
RAVENSWOOD_GT3_1 24248	28.15 1.96 0.00	25.88 1.81 0.00	24.67 1.61 0.00	22.96 1.58 0.00	22.43 1.47 0.00	23.71 1.43 0.00	24.71 1.64 0.00	27.31 2.12 0.00	30.05 2.53 0.00	32.09 2.68 -0.30	33.30 2.73 -0.50	35.66 2.57 -0.57	38.06 2.57 -0.28	40.21 2.66 -0.14	43.15 2.74 -0.60	46.04 3.14 -0.46	51.39 3.94 -0.56	54.05 4.69 -0.02	51.08 3.79 0.00	44.27 2.35 0.00	39.96 2.41 0.00	37.00 2.49 0.00	33.47 2.56 0.00	29.94 2.22 0.00
RAVENSWOOD_GT3_2 24249	28.15 1.96 0.00	25.88 1.81 0.00	24.67 1.61 0.00	22.96 1.58 0.00	22.43 1.47 0.00	23.71 1.43 0.00	24.71 1.64 0.00	27.31 2.12 0.00	30.05 2.53 0.00	32.09 2.68 -0.30	33.30 2.73 -0.50	35.66 2.57 -0.57	38.06 2.57 -0.28	40.21 2.66 -0.14	43.15 2.74 -0.60	46.04 3.14 -0.46	51.39 3.94 -0.56	54.05 4.69 -0.02	51.08 3.79 0.00	44.27 2.35 0.00	39.96 2.41 0.00	37.00 2.49 0.00	33.47 2.56 0.00	29.94 2.22 0.00
RAVENSWOOD_GT3_3 24250	28.20 2.02 0.00	25.93 1.85 0.00	24.72 1.66 0.00	22.98 1.60 0.00	22.34 1.38 0.00	23.76 1.47 0.00	24.76 1.68 0.00	27.36 2.17 0.00	30.10 2.59 0.00	32.15 2.74 -0.30	33.21 2.65 -0.50	35.73 2.63 -0.57	38.13 2.64 -0.28	40.28 2.73 -0.14	43.23 2.83 -0.60	46.12 3.23 -0.46	51.49 4.03 -0.56	54.09 4.74 -0.02	51.22 3.93 0.00	44.36 2.43 0.00	40.03 2.48 0.00	37.07 2.55 0.00	33.53 2.63 0.00	29.99 2.27 0.00
RAVENSWOOD_GT3_4 24251	28.20 2.02 0.00	25.90 1.83 0.00	24.72 1.66 0.00	22.98 1.60 0.00	22.47 1.51 0.00	23.76 1.47 0.00	24.76 1.68 0.00	27.36 2.17 0.00	30.10 2.59 0.00	32.14 2.74 -0.30	33.36 2.80 -0.50	35.76 2.67 -0.57	38.17 2.68 -0.28	40.28 2.73 -0.14	43.23 2.83 -0.60	46.12 3.22 -0.46	51.49 4.03 -0.56	54.14 4.78 -0.02	51.22 3.92 0.00	44.35 2.43 0.00	40.03 2.48 0.00	37.07 2.55 0.00	33.53 2.63 0.00	29.99 2.27 0.00
RAVENSWOOD_GT_1 23729	28.28 2.10 0.00	25.97 1.90 0.00	24.79 1.73 0.00	23.05 1.67 0.00	22.49 1.53 0.00	23.73 1.45 0.00	24.71 1.64 0.00	27.41 2.22 0.00	30.16 2.64 0.00	32.70 2.82 -0.77	34.76 2.91 -1.79	35.79 2.70 -0.57	38.21 2.71 -0.28	40.28 2.73 -0.14	43.15 2.74 -0.60	46.09 3.18 -0.46	56.05 3.85 -5.30	58.19 4.59 -4.27	50.94 3.64 0.00	44.19 2.26 0.00	40.04 2.48 -0.01	37.15 2.62 -0.01	34.20 2.72 -0.57	30.08 2.35 0.00
RAVENSWOOD_GT_10 24258	28.15 1.96 0.00	25.88 1.81 0.00	24.67 1.61 0.00	22.94 1.56 0.00	22.30 1.34 0.00	23.71 1.43 0.00	24.71 1.64 0.00	27.31 2.12 0.00	30.05 2.53 0.00	32.06 2.65 -0.30	33.08 2.59 -0.44	35.66 2.57 -0.57	38.06 2.57 -0.28	40.21 2.66 -0.14	43.15 2.75 -0.60	46.04 3.14 -0.46	51.39 3.94 -0.56	53.99 4.64 -0.02	51.13 3.83 0.00	44.31 2.39 0.00	39.96 2.40 0.00	37.00 2.49 0.00	33.44 2.53 0.00	29.94 2.22 0.00
RAVENSWOOD_GT_11 24259	28.15 1.96 0.00	25.85 1.78 0.00	24.67 1.61 0.00	22.96 1.58 0.00	22.43 1.47 0.00	23.71 1.43 0.00	24.71 1.64 0.00	27.31 2.12 0.00	30.05 2.53 0.00	32.06 2.65 -0.30	33.23 2.73 -0.44	35.66 2.57 -0.57	38.06 2.57 -0.28	40.21 2.66 -0.14	43.15 2.74 -0.60	46.04 3.14 -0.46	51.39 3.94 -0.56	54.05 4.69 -0.02	51.12 3.83 0.00	44.31 2.39 0.00	39.96 2.41 0.00	37.00 2.49 0.00	33.44 2.53 0.00	29.94 2.22 0.00

RAVENSWOOD_GT_4 24252	28.15 1.96 0.00	25.88 1.81 0.00	24.67 1.61 0.00	22.94 1.56 0.00	22.30 1.34 0.00	23.73 1.45 0.00	24.74 1.66 0.00	27.31 2.12 0.00	30.05 2.53 0.00	32.40 2.65 -0.64	33.12 2.55 -0.51	35.66 2.57 -0.57	38.03 2.54 -0.28	40.21 2.66 -0.14	43.15 2.75 -0.60	46.05 3.14 -0.46	55.05 3.99 -4.17	57.28 4.69 -3.26	51.18 3.88 0.00	44.36 2.43 0.00	39.96 2.40 -0.01	37.01 2.49 -0.01	33.86 2.53 -0.42	29.94 2.22 0.00
RAVENSWOOD_GT_5 24254	28.15 1.96 0.00	25.88 1.81 0.00	24.67 1.61 0.00	22.94 1.56 0.00	22.30 1.34 0.00	23.73 1.45 0.00	24.74 1.66 0.00	27.31 2.12 0.00	30.05 2.53 0.00	32.40 2.65 -0.64	33.12 2.55 -0.51	35.66 2.57 -0.57	38.03 2.54 -0.28	40.21 2.66 -0.14	43.15 2.75 -0.60	46.05 3.14 -0.46	55.05 3.99 -4.17	57.28 4.69 -3.26	51.18 3.88 0.00	44.36 2.43 0.00	39.96 2.40 -0.01	37.01 2.49 -0.01	33.86 2.53 -0.42	29.94 2.22 0.00
RAVENSWOOD_GT_6 24253	28.15 1.96 0.00	25.88 1.81 0.00	24.67 1.61 0.00	22.94 1.56 0.00	22.30 1.34 0.00	23.73 1.45 0.00	24.74 1.66 0.00	27.31 2.12 0.00	30.05 2.53 0.00	32.40 2.65 -0.64	33.12 2.55 -0.51	35.66 2.57 -0.57	38.03 2.54 -0.28	40.21 2.66 -0.14	43.15 2.75 -0.60	46.05 3.14 -0.46	55.05 3.99 -4.17	57.28 4.69 -3.26	51.18 3.88 0.00	44.36 2.43 0.00	39.96 2.40 -0.01	37.01 2.49 -0.01	33.86 2.53 -0.42	29.94 2.22 0.00
RAVENSWOOD_GT_7 24255	28.15 1.96 0.00	25.88 1.81 0.00	24.67 1.61 0.00	22.94 1.56 0.00	22.30 1.34 0.00	23.73 1.45 0.00	24.74 1.66 0.00	27.31 2.12 0.00	30.05 2.53 0.00	32.40 2.65 -0.64	33.12 2.55 -0.51	35.66 2.57 -0.57	38.03 2.54 -0.28	40.21 2.66 -0.14	43.15 2.75 -0.60	46.05 3.14 -0.46	55.05 3.99 -4.17	57.28 4.69 -3.26	51.18 3.88 0.00	44.36 2.43 0.00	39.96 2.40 -0.01	37.01 2.49 -0.01	33.86 2.53 -0.42	29.94 2.22 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	28.15 1.96 0.00	25.88 1.81 0.00	24.67 1.61 0.00	22.94 1.56 0.00	22.30 1.34 0.00	23.71 1.43 0.00	24.71 1.64 0.00	27.31 2.12 0.00	30.05 2.53 0.00	32.06 2.65 -0.30	33.08 2.59 -0.44	35.66 2.57 -0.57	38.06 2.57 -0.28	40.21 2.66 -0.14	43.15 2.75 -0.60	46.04 3.14 -0.46	51.39 3.94 -0.56	53.99 4.64 -0.02	51.13 3.83 0.00	44.31 2.39 0.00	39.96 2.40 0.00	37.00 2.49 0.00	33.44 2.53 0.00	29.94 2.22 0.00
RAVENSWOOD_GT_9 24257	28.15 1.96 0.00	25.85 1.78 0.00	24.67 1.61 0.00	22.96 1.58 0.00	22.43 1.47 0.00	23.71 1.43 0.00	24.71 1.64 0.00	27.31 2.12 0.00	30.05 2.53 0.00	32.06 2.65 -0.30	33.23 2.73 -0.44	35.66 2.57 -0.57	38.06 2.57 -0.28	40.21 2.66 -0.14	43.15 2.74 -0.60	46.04 3.14 -0.46	51.39 3.94 -0.56	54.05 4.69 -0.02	51.12 3.83 0.00	44.31 2.39 0.00	39.96 2.41 0.00	37.00 2.49 0.00	33.44 2.53 0.00	29.94 2.22 0.00
RAVENSWOOD___1 23533	28.25 2.07 0.00	25.95 1.88 0.00	24.77 1.71 0.00	23.03 1.65 0.00	22.49 1.53 0.00	23.71 1.43 0.00	24.69 1.61 0.00	27.39 2.19 0.00	30.13 2.62 0.00	32.21 2.79 -0.31	34.08 2.89 -1.14	35.76 2.67 -0.57	38.17 2.68 -0.28	40.25 2.69 -0.14	43.11 2.71 -0.60	46.04 3.14 -0.46	51.24 3.80 -0.55	53.89 4.54 -0.01	50.88 3.59 0.01	44.14 2.22 0.00	39.99 2.44 0.00	37.11 2.59 0.00	33.60 2.69 -0.01	30.05 2.33 0.00
RAVENSWOOD___2 23534	28.20 2.02 0.00	25.90 1.83 0.00	24.70 1.64 0.00	22.98 1.60 0.00	22.43 1.47 0.00	23.67 1.38 0.00	24.62 1.55 0.00	27.31 2.12 0.00	30.08 2.56 0.00	32.15 2.74 -0.31	33.99 2.80 -1.14	35.69 2.60 -0.57	38.10 2.61 -0.28	40.17 2.62 -0.14	42.91 2.51 -0.60	45.74 2.84 -0.46	50.82 3.38 -0.55	53.44 4.09 -0.01	50.46 3.17 0.01	43.85 1.93 0.00	39.92 2.37 0.00	37.04 2.52 0.00	33.54 2.63 -0.01	29.96 2.24 0.00
RAVENSWOOD___3 23535	28.18 1.99 0.00	25.88 1.81 0.00	24.70 1.64 0.00	22.96 1.58 0.00	22.43 1.47 0.00	23.71 1.43 0.00	24.71 1.64 0.00	27.31 2.12 0.00	30.05 2.53 0.00	32.09 2.68 -0.30	33.30 2.73 -0.50	35.66 2.57 -0.57	38.10 2.61 -0.28	40.21 2.66 -0.14	43.15 2.74 -0.60	46.04 3.14 -0.46	51.39 3.94 -0.56	54.05 4.69 -0.02	51.08 3.79 0.00	44.27 2.35 0.00	39.96 2.41 0.00	37.04 2.52 0.00	33.47 2.56 0.00	29.96 2.24 0.00
RAVENSWOOD___4 23820	28.23 2.04 0.00	25.92 1.85 0.00	24.74 1.68 0.00	23.00 1.62 0.00	22.47 1.51 0.00	23.71 1.43 0.00	24.67 1.59 0.00	27.36 2.17 0.00	30.10 2.59 0.00	31.73 2.77 0.14	33.41 2.86 -0.50	35.72 2.63 -0.57	38.14 2.64 -0.28	40.25 2.69 -0.14	43.07 2.67 -0.60	45.99 3.10 -0.45	46.52 3.75 4.13	49.69 4.54 4.18	50.87 3.59 0.02	44.10 2.18 0.00	39.98 2.44 0.01	37.06 2.55 0.01	33.04 2.69 0.55	30.02 2.30 0.00
RCPL_TRUST___DRP 24196	28.15 1.96 0.00	25.88 1.81 0.00	24.67 1.61 0.00	22.96 1.58 0.00	22.30 1.34 0.00	23.73 1.45 0.00	24.76 1.68 0.00	27.36 2.17 0.00	30.08 2.56 0.00	32.09 2.68 -0.30	33.21 2.65 -0.50	35.76 2.67 -0.57	38.13 2.64 -0.28	40.32 2.77 -0.14	43.27 2.87 -0.60	46.17 3.27 -0.46	51.53 4.08 -0.56	54.14 4.79 -0.02	51.22 3.93 0.00	44.40 2.47 0.00	39.99 2.44 0.00	37.04 2.52 0.00	33.44 2.53 0.00	29.97 2.25 0.00
RED___ROCHESTER 323720	27.29 1.10 0.00	25.04 0.96 0.00	23.93 0.88 0.00	21.98 0.60 0.00	21.59 0.63 0.00	23.11 0.83 0.00	23.88 0.81 0.00	25.83 0.63 0.00	28.01 0.50 0.00	29.69 0.58 0.00	30.51 0.45 0.00	33.73 1.20 0.00	36.70 1.48 0.00	38.98 1.57 0.00	41.48 1.67 0.00	43.84 1.40 0.00	49.05 2.16 0.00	51.56 2.22 0.00	49.43 2.13 0.00	43.85 1.93 0.00	38.98 1.43 0.00	35.79 1.28 0.00	31.92 1.02 0.00	28.94 1.22 0.00
REGAN___SOLAR 323812	28.78 2.59 0.00	26.43 2.36 0.00	25.36 2.31 0.00	23.48 2.10 0.00	23.03 2.08 0.00	24.58 2.30 0.00	25.45 2.38 0.00	27.92 2.72 0.00	30.32 2.81 0.00	31.54 2.68 0.24	32.99 3.34 0.41	35.60 3.55 0.46	38.76 3.77 0.22	41.44 4.15 0.12	43.22 3.90 0.49	47.85 5.77 0.37	52.02 5.58 0.45	56.18 6.86 0.02	54.11 6.81 0.00	47.84 5.91 0.00	42.74 5.18 0.00	39.17 4.66 0.00	34.64 3.74 0.00	31.10 3.38 0.00
RENSSELAER___COGEN 23796	26.71 0.52 0.00	24.58 0.51 0.00	23.61 0.55 0.00	21.94 0.55 0.00	21.46 0.50 0.00	22.75 0.47 0.00	23.58 0.51 0.00	25.80 0.60 0.00	28.26 0.74 0.00	29.51 0.73 0.33	30.23 0.72 0.55	32.55 0.65 0.62	35.55 0.63 0.30	37.93 0.67 0.16	39.91 0.75 0.65	42.88 0.93 0.50	47.69 1.41 0.61	51.24 1.92 0.02	48.85 1.56 0.00	42.89 0.96 0.00	38.53 0.97 0.00	35.48 0.97 0.00	31.77 0.86 0.00	28.47 0.75 0.00
REPUBLIC_115KV_BARTNBRK 55605	28.80 2.62 0.00	26.41 2.33 0.00	25.41 2.35 0.00	23.52 2.14 0.00	23.03 2.07 0.00	24.63 2.34 0.00	25.57 2.49 0.00	28.27 3.07 0.00	30.79 3.27 0.00	31.86 3.11 0.36	32.76 3.31 0.60	35.71 3.87 0.68	38.94 4.05 0.33	41.91 4.68 0.17	43.95 4.86 0.72	47.76 5.86 0.54	52.89 6.66 0.67	57.01 7.70 0.02	54.82 7.52 0.00	48.42 6.50 0.00	43.19 5.63 0.00	39.87 5.35 0.00	35.20 4.30 0.00	31.32 3.60 0.00

REVERE_CPDR_DRP 24186	27.05 0.86 0.00	24.82 0.75 0.00	23.77 0.71 0.00	21.91 0.53 0.00	21.52 0.57 0.00	22.98 0.69 0.00	23.93 0.85 0.00	25.98 0.78 0.00	28.29 0.77 0.00	29.92 0.82 0.00	31.08 1.02 0.00	33.72 1.20 0.00	36.77 1.55 0.00	39.20 1.80 0.00	41.60 1.79 0.00	44.57 2.12 0.00	49.43 2.49 -0.05	51.75 2.42 0.00	49.80 2.51 0.00	44.10 2.18 0.00	39.47 1.92 0.00	36.04 1.52 0.00	32.05 1.14 0.00	28.66 0.94 0.00
REYNOLDS_115KV_TB3 80639	26.89 0.71 0.00	24.72 0.65 0.00	23.77 0.71 0.00	22.11 0.73 0.00	21.57 0.61 0.00	22.95 0.67 0.00	23.77 0.69 0.00	26.00 0.81 0.00	28.48 0.96 0.00	29.65 0.93 0.39	30.22 0.81 0.65	32.63 0.85 0.73	35.71 0.85 0.35	38.12 0.90 0.19	40.03 1.00 0.77	43.05 1.19 0.58	47.87 1.69 0.72	51.53 2.22 0.03	49.19 1.89 0.00	43.14 1.22 0.00	38.76 1.20 0.00	35.69 1.17 0.00	31.98 1.08 0.00	28.66 0.94 0.00
RIVERBAY____ 323610	28.68 2.49 -0.01	26.37 2.29 -0.01	25.13 2.08 0.00	23.38 1.99 -0.01	22.66 1.70 0.00	23.96 1.67 0.00	24.83 1.75 0.00	27.64 2.44 0.00	30.38 2.86 0.00	32.42 3.00 -0.31	33.71 3.16 -0.50	36.18 3.09 -0.57	38.59 3.10 -0.28	40.77 3.22 -0.14	43.35 2.95 -0.60	46.68 3.78 -0.46	51.67 4.22 -0.55	54.33 4.98 -0.01	51.54 4.26 0.01	44.44 2.52 0.00	40.29 2.74 0.00	37.42 2.90 0.00	33.97 3.06 -0.01	30.42 2.69 -0.01
RIVERSDE_115KV_TB3 55908	26.84 0.65 0.00	24.67 0.60 0.00	23.70 0.65 0.00	22.04 0.66 0.00	21.50 0.54 0.00	22.89 0.60 0.00	23.70 0.62 0.00	25.95 0.76 0.00	28.42 0.91 0.00	29.62 0.87 0.36	30.24 0.78 0.60	32.66 0.81 0.68	35.70 0.81 0.33	38.14 0.90 0.17	40.05 0.96 0.71	43.09 1.19 0.54	47.87 1.64 0.66	51.48 2.17 0.02	49.14 1.84 0.00	43.14 1.22 0.00	38.76 1.20 0.00	35.66 1.14 0.00	31.95 1.05 0.00	28.61 0.89 0.00
ROARING__BROOK_WT_PWR 323790	26.26 0.08 0.00	24.12 0.05 0.00	23.13 0.07 0.00	21.42 0.04 0.00	21.00 0.04 0.00	22.33 0.04 0.00	23.14 0.07 0.00	25.25 0.05 0.00	27.57 0.06 0.00	29.17 0.06 0.00	30.12 0.06 0.00	32.59 0.07 0.00	35.29 0.07 0.00	37.48 0.07 0.00	39.85 0.04 0.00	42.49 0.04 0.00	47.04 0.14 0.00	49.53 0.20 0.00	47.34 0.05 0.00	41.67 -0.25 0.00	37.10 -0.45 0.00	33.83 -0.69 0.00	30.10 -0.80 0.00	26.89 -0.83 0.00
ROCHESRG_115KV_T4 355643	26.95 0.76 0.00	24.75 0.67 0.00	23.66 0.60 0.00	21.74 0.36 0.00	21.38 0.42 0.00	22.86 0.58 0.00	23.61 0.53 0.00	25.50 0.30 0.00	27.65 0.14 0.00	29.28 0.17 0.00	30.60 0.54 0.00	33.20 0.68 0.00	36.17 0.95 0.00	38.34 0.94 0.00	40.76 0.96 0.00	43.08 0.64 0.00	48.16 1.27 0.00	50.62 1.28 0.00	48.52 1.23 0.00	43.06 1.13 0.00	38.34 0.79 0.00	35.21 0.69 0.00	31.43 0.53 0.00	28.52 0.80 0.00
ROCHESTER_9_IC 23652	27.15 0.97 0.00	24.91 0.84 0.00	23.82 0.76 0.00	21.87 0.49 0.00	21.50 0.54 0.00	23.00 0.71 0.00	23.77 0.69 0.00	25.68 0.48 0.00	27.85 0.33 0.00	29.52 0.41 0.00	30.84 0.78 0.00	33.50 0.98 0.00	36.49 1.27 0.00	38.68 1.27 0.00	41.16 1.35 0.00	43.51 1.06 0.00	48.63 1.74 0.00	51.11 1.78 0.00	49.00 1.70 0.00	43.52 1.59 0.00	38.68 1.13 0.00	35.52 1.00 0.00	31.68 0.77 0.00	28.75 1.03 0.00
ROCKVIEW_13_KV_LD 356306	28.12 1.94 0.00	25.85 1.78 0.00	24.67 1.61 0.00	22.94 1.56 0.00	22.30 1.34 0.00	23.73 1.45 0.00	24.74 1.66 0.00	27.29 2.09 0.00	29.99 2.48 0.00	32.00 2.59 -0.30	33.09 2.52 -0.50	35.66 2.57 -0.57	38.10 2.61 -0.28	40.28 2.73 -0.14	43.23 2.83 -0.60	46.13 3.23 -0.46	51.53 4.08 -0.56	54.14 4.79 -0.02	51.32 4.02 0.00	44.48 2.56 0.00	40.14 2.59 0.00	37.07 2.55 0.00	33.41 2.50 0.00	29.91 2.19 0.00
ROME____115KV_TB2 80656	27.05 0.86 0.00	24.82 0.75 0.00	23.77 0.71 0.00	21.91 0.53 0.00	21.52 0.57 0.00	22.98 0.69 0.00	23.93 0.85 0.00	25.98 0.78 0.00	28.29 0.77 0.00	29.92 0.82 0.00	31.08 1.02 0.00	33.72 1.20 0.00	36.77 1.55 0.00	39.20 1.80 0.00	41.60 1.79 0.00	44.57 2.12 0.00	49.43 2.49 -0.05	51.75 2.42 0.00	49.80 2.51 0.00	44.10 2.18 0.00	39.47 1.92 0.00	36.04 1.52 0.00	32.05 1.14 0.00	28.66 0.94 0.00
ROSETON__1 23587	27.63 1.44 0.00	25.40 1.32 0.00	24.28 1.22 0.00	22.58 1.20 0.00	22.07 1.11 0.00	23.38 1.09 0.00	24.32 1.25 0.00	26.71 1.51 0.00	29.30 1.79 0.00	31.22 1.83 -0.27	32.38 1.86 -0.46	34.79 1.75 -0.52	37.23 1.76 -0.25	39.34 1.80 -0.13	42.22 1.87 -0.54	44.98 2.12 -0.41	50.21 2.81 -0.51	52.81 3.45 -0.02	50.13 2.84 0.00	43.64 1.72 0.00	39.32 1.77 0.00	36.31 1.79 0.00	32.69 1.79 0.00	29.33 1.61 0.00
ROSETON__2 23588	27.63 1.44 0.00	25.40 1.32 0.00	24.28 1.22 0.00	22.58 1.20 0.00	22.07 1.11 0.00	23.38 1.09 0.00	24.32 1.25 0.00	26.71 1.51 0.00	29.30 1.79 0.00	31.22 1.83 -0.27	32.38 1.86 -0.46	34.79 1.75 -0.52	37.23 1.76 -0.25	39.34 1.80 -0.13	42.22 1.87 -0.54	44.98 2.12 -0.41	50.21 2.81 -0.51	52.81 3.45 -0.02	50.13 2.84 0.00	43.64 1.72 0.00	39.32 1.77 0.00	36.31 1.79 0.00	32.69 1.79 0.00	29.33 1.61 0.00
ROTTTRDAM_115KV_TB3 80664	27.15 0.97 0.00	24.96 0.89 0.00	23.96 0.90 0.00	22.26 0.88 0.00	21.73 0.78 0.00	23.13 0.85 0.00	23.98 0.90 0.00	26.25 1.06 0.00	28.73 1.21 0.00	30.01 1.19 0.29	30.75 1.17 0.48	33.21 1.24 0.55	36.22 1.27 0.26	38.65 1.38 0.14	40.66 1.43 0.57	43.71 1.70 0.44	48.56 2.20 0.53	52.08 2.76 0.02	49.75 2.46 0.00	43.77 1.84 0.00	39.28 1.73 0.00	36.14 1.62 0.00	32.32 1.42 0.00	28.97 1.25 0.00
RUSSELL__1 23602	27.29 1.10 0.00	25.06 0.99 0.00	23.96 0.90 0.00	21.98 0.60 0.00	21.59 0.63 0.00	23.11 0.82 0.00	23.88 0.81 0.00	25.83 0.63 0.00	28.01 0.50 0.00	29.69 0.58 0.00	31.05 0.99 0.00	33.72 1.20 0.00	36.77 1.55 0.00	38.98 1.57 0.00	41.48 1.67 0.00	43.84 1.40 0.00	49.05 2.16 0.00	51.56 2.22 0.00	49.42 2.13 0.00	43.85 1.93 0.00	38.98 1.43 0.00	35.79 1.28 0.00	31.92 1.02 0.00	28.94 1.22 0.00
RUSSELL__2 23532	27.29 1.10 0.00	25.06 0.99 0.00	23.96 0.90 0.00	21.98 0.60 0.00	21.59 0.63 0.00	23.11 0.82 0.00	23.88 0.81 0.00	25.83 0.63 0.00	28.01 0.50 0.00	29.69 0.58 0.00	31.05 0.99 0.00	33.72 1.20 0.00	36.77 1.55 0.00	38.98 1.57 0.00	41.48 1.67 0.00	43.84 1.40 0.00	49.05 2.16 0.00	51.56 2.22 0.00	49.42 2.13 0.00	43.85 1.93 0.00	38.98 1.43 0.00	35.79 1.28 0.00	31.92 1.02 0.00	28.94 1.22 0.00
RUSSELL__3 23549	27.29 1.10 0.00	25.06 0.99 0.00	23.96 0.90 0.00	21.98 0.60 0.00	21.59 0.63 0.00	23.11 0.82 0.00	23.88 0.81 0.00	25.83 0.63 0.00	28.01 0.50 0.00	29.69 0.58 0.00	31.05 0.99 0.00	33.72 1.20 0.00	36.77 1.55 0.00	38.98 1.57 0.00	41.48 1.67 0.00	43.84 1.40 0.00	49.05 2.16 0.00	51.56 2.22 0.00	49.42 2.13 0.00	43.85 1.93 0.00	38.98 1.43 0.00	35.79 1.28 0.00	31.92 1.02 0.00	28.94 1.22 0.00

RUSSELL___4 23556	27.29 1.10 0.00	25.06 0.99 0.00	23.96 0.90 0.00	21.98 0.60 0.00	21.59 0.63 0.00	23.11 0.82 0.00	23.88 0.81 0.00	25.83 0.63 0.00	28.01 0.50 0.00	29.69 0.58 0.00	31.05 0.99 0.00	33.72 1.20 0.00	36.77 1.55 0.00	38.98 1.57 0.00	41.48 1.67 0.00	43.84 1.40 0.00	49.05 2.16 0.00	51.56 2.22 0.00	49.42 2.13 0.00	43.85 1.93 0.00	38.98 1.43 0.00	35.79 1.28 0.00	31.92 1.02 0.00	28.94 1.22 0.00
RUSSELL___STATION 23914	27.29 1.10 0.00	25.06 0.99 0.00	23.96 0.90 0.00	21.98 0.60 0.00	21.59 0.63 0.00	23.11 0.82 0.00	23.88 0.81 0.00	25.83 0.63 0.00	28.01 0.50 0.00	29.69 0.58 0.00	31.05 0.99 0.00	33.72 1.20 0.00	36.77 1.55 0.00	38.98 1.57 0.00	41.48 1.67 0.00	43.84 1.40 0.00	49.05 2.16 0.00	51.56 2.22 0.00	49.42 2.13 0.00	43.85 1.93 0.00	38.98 1.43 0.00	35.79 1.28 0.00	31.92 1.02 0.00	28.94 1.22 0.00
S SALMON___HYD 24043	26.19 0.00 0.00	24.05 -0.02 0.00	23.04 -0.02 0.00	21.29 -0.09 0.00	20.92 -0.04 0.00	22.29 0.00 0.00	23.12 0.05 0.00	25.12 -0.08 0.00	27.35 -0.16 0.00	28.93 -0.17 0.00	29.88 -0.18 0.00	32.55 0.03 0.00	35.25 0.04 0.00	37.56 0.15 0.00	39.93 0.12 0.00	42.70 0.26 0.00	47.60 0.42 -0.28	49.58 0.25 0.00	47.63 0.33 0.00	42.22 0.30 0.00	37.82 0.26 0.00	34.66 0.14 0.00	30.93 0.03 0.00	27.75 0.03 0.00
S.PERRY___115KV_TB1 80734	28.12 1.94 0.00	25.83 1.76 0.00	24.67 1.61 0.00	22.60 1.22 0.00	22.24 1.28 0.00	23.85 1.56 0.00	24.55 1.48 0.00	26.36 1.16 0.00	28.37 0.85 0.00	29.92 0.82 0.00	31.44 1.38 0.00	34.08 1.56 0.00	36.03 0.81 0.00	38.12 0.71 0.00	40.60 0.80 0.00	43.42 0.98 0.00	48.72 1.83 0.00	51.11 1.78 0.00	49.09 1.80 0.00	43.94 2.01 0.00	39.17 1.61 0.00	36.00 1.48 0.00	32.85 1.95 0.00	29.83 2.11 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	27.44 1.26 0.00	25.20 1.13 0.00	24.03 0.97 0.00	22.04 0.66 0.00	21.67 0.71 0.00	23.24 0.96 0.00	23.93 0.85 0.00	25.60 0.40 0.00	27.49 -0.03 0.00	29.11 0.00 0.00	30.66 0.60 0.00	33.17 0.65 0.00	36.34 1.13 0.00	38.46 1.05 0.00	40.76 0.96 0.00	42.91 0.47 0.00	48.07 1.17 0.00	50.37 1.04 0.00	48.43 1.14 0.00	43.01 1.09 0.00	38.19 0.64 0.00	35.17 0.66 0.00	31.34 0.43 0.00	28.80 1.08 0.00
SAWYER___23_KV_LOAD 55526	27.44 1.26 0.00	25.20 1.13 0.00	24.03 0.97 0.00	22.04 0.66 0.00	21.67 0.71 0.00	23.24 0.96 0.00	23.93 0.85 0.00	25.60 0.40 0.00	27.49 -0.03 0.00	29.11 0.00 0.00	30.66 0.60 0.00	33.17 0.65 0.00	36.34 1.13 0.00	38.46 1.05 0.00	40.76 0.96 0.00	42.91 0.47 0.00	48.07 1.17 0.00	50.37 1.04 0.00	48.43 1.14 0.00	43.01 1.09 0.00	38.19 0.64 0.00	35.17 0.66 0.00	31.34 0.43 0.00	28.80 1.08 0.00
SELKIRK___I 23801	27.00 0.81 0.00	24.84 0.77 0.00	23.87 0.81 0.00	22.15 0.77 0.00	21.69 0.73 0.00	23.02 0.73 0.00	23.84 0.76 0.00	26.08 0.88 0.00	28.51 0.99 0.00	29.85 0.96 0.22	30.68 0.99 0.37	33.08 0.97 0.41	36.00 0.98 0.20	38.35 1.05 0.11	40.52 1.16 0.44	43.47 1.36 0.33	48.32 1.83 0.41	51.69 2.37 0.01	49.37 2.08 0.00	43.43 1.51 0.00	38.98 1.43 0.00	35.86 1.34 0.00	32.11 1.20 0.00	28.77 1.05 0.00
SELKIRK___II 23799	26.84 0.65 0.00	24.70 0.62 0.00	23.73 0.67 0.00	22.04 0.66 0.00	21.57 0.61 0.00	22.89 0.60 0.00	23.70 0.62 0.00	25.93 0.73 0.00	28.37 0.85 0.00	29.70 0.84 0.25	30.51 0.87 0.42	32.86 0.81 0.48	35.80 0.81 0.23	38.15 0.86 0.12	40.22 0.92 0.50	43.16 1.10 0.38	47.97 1.55 0.47	51.34 2.02 0.02	49.00 1.70 0.00	43.01 1.09 0.00	38.64 1.09 0.00	35.59 1.07 0.00	31.89 0.99 0.00	28.58 0.86 0.00
SENECA OSWGO___HYD 24041	26.03 -0.16 0.00	23.93 -0.14 0.00	22.92 -0.14 0.00	21.23 -0.15 0.00	20.83 -0.13 0.00	22.17 -0.11 0.00	22.96 -0.11 0.00	24.99 -0.20 0.00	27.27 -0.25 0.00	28.85 -0.26 0.00	29.82 -0.24 0.00	32.46 -0.06 0.00	35.15 -0.07 0.00	37.41 0.00 0.00	39.69 -0.12 0.00	42.40 -0.04 0.00	47.43 0.14 -0.39	49.44 0.10 0.00	47.39 0.09 0.00	41.88 -0.04 0.00	37.44 -0.11 0.00	34.38 -0.14 0.00	30.78 -0.12 0.00	27.66 -0.06 0.00
SENECA___115KV_TB3 355854	27.73 1.54 0.00	25.47 1.40 0.00	24.28 1.22 0.00	22.26 0.88 0.00	21.90 0.94 0.00	23.49 1.20 0.00	24.18 1.11 0.00	25.90 0.71 0.00	27.82 0.30 0.00	29.46 0.35 0.00	31.05 0.99 0.00	33.63 1.11 0.00	36.91 1.69 0.00	39.02 1.61 0.00	41.32 1.51 0.00	43.55 1.10 0.00	48.82 1.92 0.00	51.16 1.83 0.00	49.14 1.84 0.00	43.64 1.72 0.00	38.68 1.13 0.00	35.62 1.10 0.00	31.71 0.80 0.00	29.13 1.41 0.00
SENECA___ENERGY 23797	26.71 0.52 0.00	24.55 0.48 0.00	23.47 0.42 0.00	21.68 0.30 0.00	21.29 0.33 0.00	22.75 0.47 0.00	23.58 0.51 0.00	25.62 0.43 0.00	27.87 0.36 0.00	29.49 0.38 0.00	30.48 0.42 0.00	33.37 0.84 0.00	36.17 0.95 0.00	38.45 1.05 0.00	40.76 0.95 0.00	43.46 1.02 0.00	48.65 1.60 -0.16	50.96 1.63 0.00	48.90 1.61 0.00	43.18 1.26 0.00	38.53 0.97 0.00	35.31 0.79 0.00	31.55 0.65 0.00	28.41 0.69 0.00
SHOEMAKER___GT 23640	27.52 1.33 0.00	25.30 1.23 0.00	24.19 1.13 0.00	22.47 1.09 0.00	21.96 1.01 0.00	23.29 1.00 0.00	24.18 1.11 0.00	26.46 1.26 0.00	28.97 1.46 0.00	30.83 1.48 -0.24	31.96 1.50 -0.40	34.40 1.43 -0.45	36.88 1.44 -0.22	39.02 1.50 -0.11	41.87 1.59 -0.47	44.58 1.78 -0.36	49.82 2.48 -0.44	52.41 3.06 -0.02	49.80 2.50 0.00	43.48 1.55 0.00	39.13 1.58 0.00	36.14 1.62 0.00	32.48 1.58 0.00	29.13 1.41 0.00
SHOEMAKR_138KV_BK 111 55601	27.50 1.31 0.00	25.30 1.23 0.00	24.17 1.11 0.00	22.45 1.07 0.00	21.86 0.90 0.00	23.27 0.98 0.00	24.18 1.11 0.00	26.48 1.29 0.00	29.00 1.49 0.00	30.85 1.51 -0.23	31.89 1.44 -0.39	34.43 1.46 -0.44	36.88 1.44 -0.21	39.05 1.53 -0.11	41.86 1.59 -0.46	44.58 1.78 -0.35	49.81 2.49 -0.43	52.41 3.06 -0.02	49.80 2.51 0.00	43.47 1.55 0.00	39.13 1.58 0.00	36.10 1.59 0.00	32.48 1.58 0.00	29.13 1.41 0.00
SHOREHAM_IC_1 23715	33.98 2.75 -5.05	30.55 2.48 -4.00	25.39 2.33 0.00	23.54 2.16 0.00	23.01 2.06 0.00	24.36 2.07 0.00	25.51 2.42 -0.02	31.92 2.77 -3.96	33.65 3.25 -2.89	33.34 3.14 -1.08	33.38 2.82 -0.50	35.91 2.83 -0.56	38.31 2.82 -0.27	40.62 3.07 -0.14	46.46 3.50 -3.15	46.58 3.69 -0.45	52.09 4.64 -0.55	55.17 5.82 -0.01	52.06 4.77 0.01	44.85 2.93 0.01	40.69 3.04 -0.10	37.34 2.83 0.00	33.75 2.84 0.00	31.82 2.91 -1.19
SHOREHAM_IC_2 23716	33.98 2.75 -5.05	30.55 2.48 -4.00	25.39 2.33 0.00	23.54 2.16 0.00	23.01 2.06 0.00	24.36 2.07 0.00	25.51 2.42 -0.02	31.92 2.77 -3.96	33.65 3.25 -2.89	33.34 3.14 -1.08	33.38 2.82 -0.50	35.91 2.83 -0.56	38.31 2.82 -0.27	40.62 3.07 -0.14	46.46 3.50 -3.15	46.58 3.69 -0.45	52.09 4.64 -0.55	55.17 5.82 -0.01	52.06 4.77 0.01	44.85 2.93 0.01	40.69 3.04 -0.10	37.34 2.83 0.00	33.75 2.84 0.00	31.82 2.91 -1.19

SISSONVILLE____ 23735	24.98 -1.20 0.00	22.96 -1.11 0.00	21.93 -1.13 0.00	20.29 -1.09 0.00	19.99 -0.96 0.00	21.28 -1.00 0.00	22.01 -1.06 0.00	24.04 -1.16 0.00	26.20 -1.32 0.00	27.89 -1.22 0.00	28.80 -1.26 0.00	31.12 -1.40 0.00	33.84 -1.37 0.00	35.99 -1.42 0.00	38.33 -1.47 0.00	41.00 -1.44 0.00	44.78 -2.16 -0.04	46.23 -3.11 0.00	45.07 -2.22 0.00	40.50 -1.43 0.00	36.20 -1.35 0.00	33.07 -1.45 0.00	29.48 -1.42 0.00	26.31 -1.41 0.00
SITHE_IND_GS1 24169	25.58 -0.60 0.00	23.52 -0.55 0.00	22.53 -0.53 0.00	20.89 -0.49 0.00	20.50 -0.46 0.00	21.79 -0.49 0.00	22.55 -0.53 0.00	24.57 -0.63 0.00	26.80 -0.72 0.00	28.35 -0.76 0.00	29.28 -0.78 0.00	31.84 -0.68 0.00	34.48 -0.74 0.00	36.66 -0.75 0.00	38.97 -0.84 0.00	41.51 -0.93 0.00	44.72 -0.89 1.28	48.40 -0.94 0.00	46.35 -0.95 0.00	41.04 -0.88 0.00	36.73 -0.83 0.00	33.72 -0.79 0.00	30.19 -0.71 0.00	27.11 -0.61 0.00
SITHE_IND_GS2 24170	25.58 -0.60 0.00	23.52 -0.55 0.00	22.53 -0.53 0.00	20.89 -0.49 0.00	20.50 -0.46 0.00	21.79 -0.49 0.00	22.55 -0.53 0.00	24.57 -0.63 0.00	26.80 -0.72 0.00	28.35 -0.76 0.00	29.28 -0.78 0.00	31.84 -0.68 0.00	34.48 -0.74 0.00	36.66 -0.75 0.00	38.97 -0.84 0.00	41.51 -0.93 0.00	44.72 -0.89 1.28	48.40 -0.94 0.00	46.35 -0.95 0.00	41.04 -0.88 0.00	36.73 -0.83 0.00	33.72 -0.79 0.00	30.19 -0.71 0.00	27.11 -0.61 0.00
SITHE_IND_GS3 24171	25.58 -0.60 0.00	23.52 -0.55 0.00	22.53 -0.53 0.00	20.89 -0.49 0.00	20.50 -0.46 0.00	21.79 -0.49 0.00	22.55 -0.53 0.00	24.57 -0.63 0.00	26.80 -0.72 0.00	28.35 -0.76 0.00	29.28 -0.78 0.00	31.84 -0.68 0.00	34.48 -0.74 0.00	36.66 -0.75 0.00	38.97 -0.84 0.00	41.51 -0.93 0.00	44.72 -0.89 1.28	48.40 -0.94 0.00	46.35 -0.95 0.00	41.04 -0.88 0.00	36.73 -0.83 0.00	33.72 -0.79 0.00	30.19 -0.71 0.00	27.11 -0.61 0.00
SITHE_IND_GS4 24172	25.58 -0.60 0.00	23.52 -0.55 0.00	22.53 -0.53 0.00	20.89 -0.49 0.00	20.50 -0.46 0.00	21.79 -0.49 0.00	22.55 -0.53 0.00	24.57 -0.63 0.00	26.80 -0.72 0.00	28.35 -0.76 0.00	29.28 -0.78 0.00	31.84 -0.68 0.00	34.48 -0.74 0.00	36.66 -0.75 0.00	38.97 -0.84 0.00	41.51 -0.93 0.00	44.72 -0.89 1.28	48.40 -0.94 0.00	46.35 -0.95 0.00	41.04 -0.88 0.00	36.73 -0.83 0.00	33.72 -0.79 0.00	30.19 -0.71 0.00	27.11 -0.61 0.00
SITHE____BATAVIA 24024	27.86 1.68 0.00	25.57 1.49 0.00	24.40 1.34 0.00	22.34 0.96 0.00	21.96 1.01 0.00	23.58 1.29 0.00	24.27 1.20 0.00	26.03 0.83 0.00	28.07 0.55 0.00	29.69 0.58 0.00	30.54 0.48 0.00	33.92 1.40 0.00	37.01 1.80 0.00	39.28 1.87 0.00	41.64 1.83 0.00	43.93 1.48 0.00	49.24 2.34 0.00	51.70 2.37 0.00	49.71 2.41 0.00	44.23 2.30 0.00	39.24 1.69 0.00	36.07 1.55 0.00	32.11 1.20 0.00	29.36 1.64 0.00
SITHE____INDEPEND 23800	25.58 -0.60 0.00	23.52 -0.55 0.00	22.53 -0.53 0.00	20.89 -0.49 0.00	20.50 -0.46 0.00	21.79 -0.49 0.00	22.54 -0.53 0.00	24.57 -0.63 0.00	26.80 -0.72 0.00	28.35 -0.76 0.00	29.37 -0.69 0.00	31.84 -0.68 0.00	34.51 -0.70 0.00	36.66 -0.75 0.00	38.97 -0.84 0.00	41.51 -0.93 0.00	44.73 -0.89 1.28	48.40 -0.94 0.00	46.35 -0.95 0.00	41.04 -0.88 0.00	36.73 -0.83 0.00	33.72 -0.79 0.00	30.19 -0.71 0.00	27.11 -0.61 0.00
SITHE____MASSENA 23902	25.58 -0.60 0.00	23.52 -0.55 0.00	22.46 -0.60 0.00	20.82 -0.56 0.00	20.46 -0.50 0.00	21.79 -0.49 0.00	22.50 -0.58 0.00	24.59 -0.60 0.00	26.83 -0.69 0.00	28.50 -0.61 0.00	29.55 -0.51 0.00	31.84 -0.68 0.00	34.55 -0.67 0.00	36.66 -0.75 0.00	39.01 -0.80 0.00	41.68 -0.76 0.00	45.49 -1.41 0.00	47.17 -2.17 0.00	45.92 -1.37 0.00	41.17 -0.75 0.00	36.84 -0.71 0.00	33.76 -0.76 0.00	30.19 -0.71 0.00	27.00 -0.72 0.00
SITHE____OGDNSBRG 24021	25.61 -0.58 0.00	23.52 -0.55 0.00	22.46 -0.60 0.00	20.78 -0.60 0.00	20.48 -0.48 0.00	21.79 -0.49 0.00	22.54 -0.53 0.00	24.59 -0.60 0.00	26.77 -0.74 0.00	28.47 -0.64 0.00	29.40 -0.66 0.00	31.77 -0.75 0.00	34.62 -0.60 0.00	36.81 -0.60 0.00	39.17 -0.64 0.00	42.02 -0.42 0.00	45.72 -1.17 0.00	47.26 -2.07 0.00	46.11 -1.18 0.00	41.46 -0.46 0.00	37.10 -0.45 0.00	33.93 -0.59 0.00	30.25 -0.65 0.00	27.00 -0.72 0.00
SITHE____STERLING 23777	26.89 0.71 0.00	24.70 0.62 0.00	23.66 0.60 0.00	21.83 0.45 0.00	21.44 0.48 0.00	22.86 0.58 0.00	23.77 0.69 0.00	25.85 0.65 0.00	28.15 0.63 0.00	29.78 0.67 0.00	30.87 0.81 0.00	33.53 1.01 0.00	36.48 1.27 0.00	38.91 1.50 0.00	41.20 1.39 0.00	44.19 1.74 0.00	49.01 2.06 -0.06	51.41 2.07 0.00	49.33 2.03 0.00	43.64 1.72 0.00	39.09 1.54 0.00	35.72 1.21 0.00	31.83 0.93 0.00	28.52 0.80 0.00
SLEIGHT__34_KV_TB1 80719	27.15 0.97 0.00	24.99 0.91 0.00	23.91 0.85 0.00	22.04 0.66 0.00	21.65 0.69 0.00	23.15 0.87 0.00	24.00 0.92 0.00	26.13 0.93 0.00	28.48 0.96 0.00	30.16 1.05 0.00	31.53 1.47 0.00	34.31 1.79 0.00	37.33 2.11 0.00	39.69 2.28 0.00	41.96 2.15 0.00	44.99 2.55 0.00	50.07 3.05 -0.12	52.35 3.01 0.00	50.27 2.98 0.00	44.36 2.43 0.00	39.51 1.95 0.00	36.17 1.66 0.00	32.26 1.36 0.00	28.97 1.25 0.00
SOUTH CAIRO____GT 23612	27.55 1.36 0.00	25.32 1.25 0.00	24.33 1.27 0.00	22.60 1.22 0.00	22.01 1.05 0.00	23.35 1.07 0.00	24.23 1.15 0.00	26.21 1.01 0.00	28.56 1.05 0.00	30.14 1.19 0.16	30.97 1.17 0.26	33.43 1.20 0.30	36.34 1.27 0.14	38.87 1.53 0.08	41.32 1.83 0.31	44.33 2.12 0.24	49.61 3.00 0.29	52.83 3.50 0.01	50.51 3.22 0.00	44.44 2.52 0.00	39.96 2.41 0.00	36.69 2.18 0.00	32.76 1.85 0.00	29.27 1.55 0.00
SOUTH HAMPTN____IC 23720	34.61 3.38 -5.05	31.13 3.06 -4.00	25.92 2.86 0.00	24.03 2.65 0.00	23.49 2.53 0.00	24.87 2.58 0.00	26.04 2.95 -0.02	32.51 3.35 -3.96	34.37 3.96 -2.89	34.18 3.99 -1.08	34.28 3.73 -0.50	36.99 3.90 -0.56	39.50 4.01 -0.27	41.89 4.34 -0.14	47.92 4.93 -3.18	48.03 5.13 -0.45	53.73 6.29 -0.55	56.94 7.59 -0.01	53.72 6.43 0.01	46.24 4.32 0.01	41.86 4.21 -0.10	38.41 3.90 0.00	34.64 3.74 0.00	32.60 3.69 -1.19
SOUTHDOW_115KV_TB1 355954	28.44 2.25 0.00	26.09 2.02 0.00	24.83 1.78 0.00	22.75 1.37 0.00	22.38 1.43 0.00	24.09 1.81 0.00	24.85 1.78 0.00	26.73 1.54 0.00	28.75 1.24 0.00	30.48 1.37 0.00	32.19 2.13 0.00	34.77 2.24 0.00	38.18 2.96 0.00	40.21 2.81 0.00	42.51 2.71 0.00	44.82 2.38 0.00	50.22 3.33 0.00	52.64 3.31 0.00	50.51 3.22 0.00	44.94 3.02 0.00	39.81 2.25 0.00	36.79 2.28 0.00	32.63 1.73 0.00	29.77 2.05 0.00
SOUTHOLD_69_KV_BK 2 55809	35.29 4.06 -5.05	31.73 3.66 -4.00	26.43 3.37 0.00	24.57 3.19 0.00	23.89 2.93 0.00	25.41 3.12 0.00	26.60 3.51 -0.02	33.21 4.06 -3.96	35.11 4.71 -2.89	35.02 4.83 -1.09	34.91 4.36 -0.50	38.13 5.04 -0.56	40.66 5.18 -0.27	43.24 5.69 -0.14	49.04 6.05 -3.19	49.60 6.71 -0.45	55.42 7.97 -0.55	58.77 9.42 -0.01	55.47 8.18 0.01	47.74 5.83 0.01	43.10 5.45 -0.10	39.52 5.00 0.00	35.57 4.67 0.00	33.43 4.52 -1.19

SOUTHOLD___IC 23719	35.29 4.06 -5.05	31.73 3.66 -4.00	26.47 3.41 0.00	24.54 3.16 0.00	24.00 3.04 0.00	25.40 3.12 0.00	26.57 3.48 -0.02	33.16 4.01 -3.96	35.11 4.70 -2.89	35.02 4.83 -1.08	35.27 4.72 -0.50	38.13 5.04 -0.56	40.74 5.25 -0.27	43.23 5.68 -0.14	49.32 6.33 -3.19	49.60 6.70 -0.45	55.42 7.97 -0.55	58.78 9.43 -0.01	55.47 8.18 0.01	47.74 5.83 0.01	43.10 5.44 -0.10	39.52 5.00 0.00	35.60 4.70 0.00	33.43 4.52 -1.19
SPIERFLS_115KV_TB 1 80737	27.23 1.05 0.00	25.01 0.94 0.00	24.00 0.95 0.00	22.28 0.90 0.00	21.78 0.82 0.00	23.20 0.91 0.00	24.07 0.99 0.00	26.46 1.26 0.00	28.89 1.38 0.00	30.04 1.28 0.35	30.61 1.14 0.59	33.16 1.30 0.67	36.23 1.34 0.32	38.74 1.50 0.17	40.74 1.63 0.70	43.95 2.04 0.53	48.87 2.63 0.65	52.72 3.40 0.02	50.65 3.36 0.00	44.65 2.73 0.00	40.03 2.48 0.00	36.86 2.35 0.00	32.79 1.89 0.00	29.27 1.55 0.00
ST LAWRENCE____ 23600	25.43 -0.76 0.00	23.40 -0.67 0.00	22.37 -0.69 0.00	20.74 -0.64 0.00	20.35 -0.61 0.00	21.66 -0.62 0.00	22.38 -0.69 0.00	24.49 -0.71 0.00	26.72 -0.80 0.00	28.35 -0.76 0.00	29.34 -0.72 0.00	31.61 -0.91 0.00	34.30 -0.92 0.00	36.40 -1.01 0.00	38.73 -1.07 0.00	41.38 -1.06 0.00	45.11 -1.78 0.00	47.12 -2.22 0.00	45.55 -1.75 0.00	40.83 -1.09 0.00	36.54 -1.01 0.00	33.55 -0.97 0.00	30.01 -0.90 0.00	26.86 -0.86 0.00
STATE_CA_115KV_115_LB 55624	26.87 0.68 0.00	24.67 0.60 0.00	23.73 0.67 0.00	22.04 0.66 0.00	21.50 0.54 0.00	22.89 0.60 0.00	23.72 0.65 0.00	25.98 0.78 0.00	28.45 0.94 0.00	29.67 0.90 0.34	30.34 0.84 0.56	32.80 0.91 0.63	35.79 0.88 0.31	38.26 1.01 0.16	40.21 1.07 0.67	43.25 1.32 0.51	48.06 1.78 0.62	51.63 2.32 0.02	49.33 2.03 0.00	43.31 1.38 0.00	38.83 1.28 0.00	35.76 1.24 0.00	32.02 1.11 0.00	28.66 0.94 0.00
STATE_ST_34_KV_LOAD 55959	26.89 0.71 0.00	24.75 0.67 0.00	23.70 0.65 0.00	21.89 0.51 0.00	21.50 0.54 0.00	22.95 0.67 0.00	23.77 0.69 0.00	25.88 0.68 0.00	28.23 0.72 0.00	29.86 0.76 0.00	30.93 0.87 0.00	33.59 1.07 0.00	36.49 1.27 0.00	38.72 1.31 0.00	41.28 1.47 0.00	43.93 1.49 0.00	49.38 2.30 -0.19	51.66 2.32 0.00	49.57 2.27 0.00	43.73 1.80 0.00	39.06 1.50 0.00	35.79 1.28 0.00	31.98 1.08 0.00	28.66 0.94 0.00
STATION 5_MISC_HYD 23604	27.16 0.97 0.00	24.91 0.84 0.00	23.80 0.74 0.00	21.87 0.49 0.00	21.48 0.52 0.00	23.00 0.71 0.00	23.77 0.69 0.00	25.67 0.48 0.00	27.85 0.33 0.00	29.52 0.41 0.00	30.33 0.27 0.00	33.50 0.97 0.00	36.42 1.20 0.00	38.68 1.27 0.00	41.16 1.35 0.00	43.51 1.06 0.00	48.63 1.74 0.00	51.11 1.77 0.00	49.00 1.70 0.00	43.52 1.59 0.00	38.68 1.13 0.00	35.52 1.00 0.00	31.68 0.77 0.00	28.75 1.03 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	27.02 0.84 0.00	24.82 0.75 0.00	23.73 0.67 0.00	21.81 0.43 0.00	21.44 0.48 0.00	22.93 0.65 0.00	23.74 0.67 0.00	25.75 0.55 0.00	28.01 0.50 0.00	29.66 0.55 0.00	31.02 0.96 0.00	33.69 1.17 0.00	36.63 1.41 0.00	38.91 1.50 0.00	41.28 1.47 0.00	43.84 1.40 0.00	48.86 1.97 0.00	51.31 1.97 0.00	49.23 1.94 0.00	43.64 1.72 0.00	38.83 1.28 0.00	35.59 1.07 0.00	31.77 0.87 0.00	28.72 1.00 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	26.92 0.73 0.00	24.72 0.65 0.00	23.61 0.55 0.00	21.70 0.32 0.00	21.31 0.36 0.00	22.80 0.51 0.00	23.58 0.51 0.00	25.52 0.33 0.00	27.71 0.19 0.00	29.37 0.26 0.00	30.69 0.63 0.00	33.33 0.81 0.00	36.31 1.09 0.00	38.53 1.12 0.00	40.96 1.15 0.00	43.34 0.89 0.00	48.44 1.55 0.00	50.87 1.53 0.00	48.76 1.47 0.00	43.27 1.34 0.00	38.45 0.90 0.00	35.31 0.79 0.00	31.49 0.59 0.00	28.55 0.83 0.00
STA_56___34_KV_BUS2 355983	26.92 0.73 0.00	24.72 0.65 0.00	23.61 0.55 0.00	21.70 0.32 0.00	21.31 0.36 0.00	22.80 0.51 0.00	23.58 0.51 0.00	25.52 0.33 0.00	27.71 0.19 0.00	29.37 0.26 0.00	30.69 0.63 0.00	33.33 0.81 0.00	36.31 1.09 0.00	38.53 1.12 0.00	40.96 1.15 0.00	43.34 0.89 0.00	48.44 1.55 0.00	50.87 1.53 0.00	48.76 1.47 0.00	43.27 1.34 0.00	38.45 0.90 0.00	35.31 0.79 0.00	31.49 0.59 0.00	28.55 0.83 0.00
STA_67___115KV_BK2 355882	27.08 0.89 0.00	24.87 0.79 0.00	23.77 0.71 0.00	21.83 0.45 0.00	21.44 0.48 0.00	22.95 0.67 0.00	23.70 0.62 0.00	25.62 0.43 0.00	27.76 0.25 0.00	29.43 0.32 0.00	30.75 0.69 0.00	33.37 0.85 0.00	36.34 1.13 0.00	38.57 1.16 0.00	41.00 1.19 0.00	43.34 0.89 0.00	48.44 1.55 0.00	50.92 1.58 0.00	48.81 1.51 0.00	43.35 1.43 0.00	38.53 0.98 0.00	35.38 0.86 0.00	31.58 0.68 0.00	28.66 0.94 0.00
STA_7___115KV_9TRANS 80674	27.29 1.10 0.00	25.06 0.99 0.00	23.96 0.90 0.00	21.98 0.60 0.00	21.59 0.63 0.00	23.11 0.82 0.00	23.88 0.81 0.00	25.83 0.63 0.00	28.01 0.50 0.00	29.69 0.58 0.00	31.05 0.99 0.00	33.72 1.20 0.00	36.77 1.55 0.00	38.98 1.57 0.00	41.48 1.67 0.00	43.84 1.40 0.00	49.05 2.16 0.00	51.56 2.22 0.00	49.42 2.13 0.00	43.85 1.93 0.00	38.98 1.43 0.00	35.79 1.28 0.00	31.92 1.02 0.00	28.94 1.22 0.00
STA_82___115KV_TB1 80780	27.10 0.92 0.00	24.89 0.82 0.00	23.77 0.71 0.00	21.85 0.47 0.00	21.46 0.50 0.00	22.95 0.67 0.00	23.72 0.65 0.00	25.62 0.43 0.00	27.79 0.28 0.00	29.46 0.35 0.00	30.78 0.72 0.00	33.40 0.88 0.00	36.38 1.16 0.00	38.57 1.16 0.00	41.04 1.23 0.00	43.38 0.93 0.00	48.49 1.59 0.00	50.96 1.63 0.00	48.86 1.56 0.00	43.39 1.47 0.00	38.57 1.01 0.00	35.41 0.90 0.00	31.61 0.71 0.00	28.69 0.97 0.00
STEEL___WIND 323596	27.70 1.52 0.00	25.42 1.35 0.00	24.23 1.18 0.00	22.24 0.86 0.00	21.88 0.92 0.00	23.47 1.18 0.00	24.16 1.08 0.00	25.88 0.68 0.00	27.79 0.28 0.00	29.43 0.32 0.00	30.27 0.21 0.00	33.59 1.07 0.00	36.73 1.51 0.00	38.98 1.57 0.00	41.28 1.47 0.00	43.51 1.06 0.00	48.72 1.83 0.00	51.06 1.73 0.00	49.09 1.80 0.00	43.60 1.68 0.00	38.68 1.13 0.00	35.59 1.07 0.00	31.68 0.77 0.00	29.11 1.39 0.00
STEPHTWN_115KV_BK_2 55603	27.00 0.81 0.00	24.79 0.72 0.00	23.84 0.78 0.00	22.13 0.75 0.00	21.61 0.65 0.00	23.00 0.71 0.00	23.86 0.78 0.00	26.15 0.96 0.00	28.59 1.07 0.00	29.80 1.02 0.33	30.50 0.99 0.55	32.97 1.07 0.62	35.97 1.06 0.30	38.45 1.20 0.16	40.43 1.27 0.65	43.52 1.57 0.50	48.35 2.06 0.61	52.03 2.71 0.02	49.66 2.36 0.00	43.60 1.68 0.00	39.13 1.58 0.00	36.00 1.48 0.00	32.20 1.30 0.00	28.83 1.11 0.00
STEUBEN_REC_LFGE 323667	27.99 1.81 0.00	25.71 1.64 0.00	24.53 1.48 0.00	22.51 1.13 0.00	22.17 1.22 0.00	23.78 1.49 0.00	24.55 1.48 0.00	26.48 1.29 0.00	28.62 1.10 0.00	30.27 1.16 0.00	31.83 1.77 0.00	34.64 2.11 0.00	37.72 2.50 0.00	39.88 2.47 0.00	42.07 2.27 0.00	44.78 2.33 0.00	50.32 3.38 -0.05	52.74 3.40 0.00	50.70 3.41 0.00	44.82 2.89 0.00	39.81 2.25 0.00	36.52 2.00 0.00	32.57 1.67 0.00	29.58 1.86 0.00

STONY___BROOK 24151	34.16 2.93 -5.04	30.71 2.65 -3.99	25.55 2.49 0.00	23.67 2.29 0.00	23.14 2.18 0.00	24.51 2.23 0.00	25.63 2.54 -0.02	32.07 2.92 -3.95	33.81 3.41 -2.88	33.65 3.46 -1.08	33.56 3.01 -0.50	36.11 3.02 -0.56	38.52 3.03 -0.27	40.77 3.22 -0.14	46.34 3.74 -2.79	46.58 3.69 -0.45	52.18 4.73 -0.55	55.22 5.87 -0.01	52.06 4.77 0.01	44.89 2.98 0.01	40.87 3.23 -0.09	37.58 3.07 0.00	34.02 3.12 0.00	32.09 3.19 -1.19
STURGEON_POOL_HYD 23609	27.70 1.52 0.00	25.49 1.42 0.00	24.33 1.27 0.00	22.64 1.26 0.00	22.01 1.05 0.00	23.35 1.07 0.00	24.32 1.25 0.00	26.58 1.39 0.00	29.17 1.65 0.00	31.14 1.92 -0.11	32.11 1.86 -0.19	34.62 1.89 -0.21	37.19 1.87 -0.10	39.45 1.98 -0.05	42.10 2.07 -0.22	44.95 2.33 -0.17	50.24 3.14 -0.21	52.90 3.55 -0.01	49.94 2.65 0.00	43.35 1.43 0.00	39.09 1.54 0.00	36.14 1.62 0.00	32.63 1.73 0.00	29.24 1.52 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	27.63 1.44 0.00	25.40 1.32 0.00	24.26 1.20 0.00	22.53 1.15 0.00	21.92 0.96 0.00	23.33 1.05 0.00	24.28 1.20 0.00	26.63 1.44 0.00	29.19 1.68 0.00	31.07 1.72 -0.25	32.16 1.68 -0.42	34.72 1.72 -0.47	37.17 1.73 -0.23	39.32 1.80 -0.12	42.13 1.83 -0.50	44.94 2.12 -0.38	50.17 2.81 -0.46	52.76 3.40 -0.02	50.09 2.79 0.00	43.60 1.68 0.00	39.28 1.73 0.00	36.24 1.73 0.00	32.63 1.73 0.00	29.27 1.55 0.00
SWANROAD_115KV_TB1 355699	27.05 0.86 0.00	24.89 0.82 0.00	23.75 0.69 0.00	21.76 0.38 0.00	21.42 0.46 0.00	22.98 0.69 0.00	23.51 0.44 0.00	25.07 -0.13 0.00	26.88 -0.63 0.00	28.47 -0.64 0.00	29.97 -0.09 0.00	32.42 -0.10 0.00	35.50 0.28 0.00	37.52 0.11 0.00	39.81 0.00 0.00	41.85 -0.59 0.00	46.94 0.05 0.00	49.19 -0.15 0.00	47.30 0.00 0.00	42.05 0.13 0.00	37.37 -0.19 0.00	34.41 -0.10 0.00	30.69 -0.22 0.00	28.25 0.53 0.00
SYNERGY___BIOGAS 323694	27.86 1.68 0.00	25.57 1.49 0.00	24.40 1.34 0.00	22.34 0.96 0.00	21.96 1.01 0.00	23.58 1.29 0.00	24.27 1.20 0.00	26.03 0.83 0.00	28.07 0.55 0.00	29.69 0.58 0.00	30.54 0.48 0.00	33.92 1.40 0.00	37.01 1.80 0.00	39.28 1.87 0.00	41.64 1.83 0.00	43.93 1.48 0.00	49.24 2.34 0.00	51.70 2.37 0.00	49.71 2.41 0.00	44.23 2.30 0.00	39.24 1.69 0.00	36.07 1.55 0.00	32.11 1.20 0.00	29.36 1.64 0.00
SYRACUSE___ENERGY_ST1 323597	26.37 0.18 0.00	24.26 0.19 0.00	23.22 0.16 0.00	21.49 0.11 0.00	21.08 0.13 0.00	22.46 0.18 0.00	23.26 0.18 0.00	25.35 0.15 0.00	27.65 0.14 0.00	29.25 0.15 0.00	30.39 0.33 0.00	32.98 0.46 0.00	35.78 0.56 0.00	38.04 0.64 0.00	40.32 0.52 0.00	43.12 0.68 0.00	48.05 0.94 -0.21	50.22 0.89 0.00	48.15 0.85 0.00	42.55 0.63 0.00	38.04 0.49 0.00	34.90 0.38 0.00	31.21 0.31 0.00	28.02 0.30 0.00
SYRACUSE___ENERGY_ST2 323598	26.37 0.18 0.00	24.26 0.19 0.00	23.22 0.16 0.00	21.49 0.11 0.00	21.08 0.13 0.00	22.46 0.18 0.00	23.26 0.18 0.00	25.35 0.15 0.00	27.65 0.14 0.00	29.25 0.15 0.00	30.39 0.33 0.00	32.98 0.46 0.00	35.78 0.56 0.00	38.04 0.64 0.00	40.32 0.52 0.00	43.12 0.68 0.00	48.05 0.94 -0.21	50.22 0.89 0.00	48.15 0.85 0.00	42.55 0.63 0.00	38.04 0.49 0.00	34.90 0.38 0.00	31.21 0.31 0.00	28.02 0.30 0.00
SYRACUSE___POWER 24017	26.32 0.13 0.00	24.19 0.12 0.00	23.17 0.12 0.00	21.44 0.06 0.00	21.04 0.08 0.00	22.42 0.13 0.00	23.21 0.14 0.00	25.30 0.10 0.00	27.60 0.08 0.00	29.20 0.09 0.00	30.33 0.27 0.00	32.91 0.39 0.00	35.71 0.49 0.00	37.97 0.56 0.00	40.28 0.48 0.00	43.04 0.59 0.00	47.92 0.89 -0.14	50.18 0.84 0.00	48.10 0.80 0.00	42.47 0.55 0.00	37.97 0.41 0.00	34.83 0.31 0.00	31.15 0.25 0.00	27.97 0.25 0.00
TALLMAN___138KV_BK151 55660	27.84 1.65 0.00	25.59 1.52 0.00	24.42 1.36 0.00	22.71 1.33 0.00	22.09 1.13 0.00	23.51 1.23 0.00	24.48 1.41 0.00	26.91 1.71 0.00	29.55 2.04 0.00	31.44 2.07 -0.27	32.52 2.01 -0.45	35.08 2.05 -0.51	37.51 2.04 -0.25	39.63 2.09 -0.13	42.53 2.19 -0.54	45.31 2.46 -0.41	50.63 3.24 -0.50	53.30 3.95 -0.02	50.51 3.22 0.00	43.89 1.97 0.00	39.54 1.99 0.00	36.55 2.04 0.00	32.91 2.01 0.00	29.52 1.80 0.00
TEALLAVE_115KV_TB7 355573	26.24 0.05 0.00	24.12 0.05 0.00	23.10 0.05 0.00	21.38 0.00 0.00	20.98 0.02 0.00	22.35 0.07 0.00	23.12 0.05 0.00	25.20 0.00 0.00	27.49 -0.03 0.00	29.11 0.00 0.00	30.21 0.15 0.00	32.78 0.26 0.00	35.61 0.39 0.00	37.86 0.45 0.00	40.16 0.36 0.00	42.87 0.42 0.00	47.71 0.70 -0.11	49.98 0.64 0.00	47.86 0.57 0.00	42.30 0.38 0.00	37.82 0.26 0.00	34.69 0.17 0.00	31.03 0.12 0.00	27.86 0.14 0.00
TELGRAPH_34_KV_EAST 80808	27.55 1.36 0.00	25.30 1.23 0.00	24.14 1.08 0.00	22.13 0.75 0.00	21.75 0.80 0.00	23.33 1.05 0.00	24.00 0.92 0.00	25.68 0.48 0.00	27.63 0.11 0.00	29.22 0.12 0.00	30.78 0.72 0.00	33.37 0.85 0.00	36.56 1.34 0.00	38.64 1.23 0.00	40.96 1.15 0.00	43.21 0.76 0.00	48.35 1.45 0.00	50.72 1.38 0.00	48.76 1.47 0.00	43.35 1.43 0.00	38.49 0.94 0.00	35.41 0.90 0.00	31.55 0.65 0.00	28.91 1.19 0.00
TEMPLE___115KV_TB 2 55572	26.26 0.08 0.00	24.14 0.07 0.00	23.13 0.07 0.00	21.38 0.00 0.00	21.00 0.04 0.00	22.35 0.07 0.00	23.14 0.07 0.00	25.22 0.03 0.00	27.52 0.00 0.00	29.14 0.03 0.00	30.24 0.18 0.00	32.81 0.29 0.00	35.64 0.42 0.00	37.90 0.49 0.00	40.20 0.40 0.00	42.95 0.51 0.00	47.75 0.75 -0.11	50.03 0.69 0.00	47.91 0.61 0.00	42.34 0.42 0.00	37.85 0.30 0.00	34.72 0.21 0.00	31.06 0.15 0.00	27.89 0.17 0.00
TIANA___69_KV_BK 1 55817	34.43 3.19 -5.05	30.96 2.89 -4.00	25.73 2.67 0.00	23.92 2.54 0.00	23.26 2.31 0.00	24.74 2.45 0.00	25.88 2.79 -0.02	32.43 3.28 -3.96	34.17 3.77 -2.89	33.98 3.78 -1.09	33.65 3.10 -0.50	36.69 3.61 -0.56	39.08 3.59 -0.27	41.55 4.00 -0.14	47.25 4.26 -3.18	47.65 4.75 -0.45	53.31 5.86 -0.55	56.45 7.10 -0.01	53.29 6.01 0.01	45.90 3.98 0.01	41.56 3.91 -0.10	38.14 3.62 0.00	34.40 3.49 0.00	32.43 3.52 -1.19
TILDEN___115KV_TB1 80814	26.32 0.13 0.00	24.19 0.12 0.00	23.17 0.12 0.00	21.44 0.06 0.00	21.04 0.08 0.00	22.42 0.13 0.00	23.21 0.14 0.00	25.30 0.10 0.00	27.60 0.08 0.00	29.20 0.09 0.00	30.33 0.27 0.00	32.91 0.39 0.00	35.71 0.49 0.00	37.97 0.56 0.00	40.28 0.48 0.00	43.04 0.59 0.00	47.92 0.89 -0.14	50.18 0.84 0.00	48.10 0.80 0.00	42.47 0.55 0.00	37.97 0.41 0.00	34.83 0.31 0.00	31.15 0.25 0.00	27.97 0.25 0.00
TRIGEN___CC 323695	32.64 2.20 -4.26	29.46 2.02 -3.37	24.93 1.87 0.00	23.20 1.82 0.00	22.55 1.59 0.00	24.00 1.72 0.00	25.03 1.94 -0.01	30.85 2.32 -3.33	32.65 2.70 -2.43	32.89 2.82 -0.96	33.05 2.49 -0.50	35.76 2.67 -0.57	38.10 2.61 -0.27	40.39 2.84 -0.14	43.43 3.03 -0.60	46.33 3.44 -0.45	51.76 4.31 -0.55	54.48 5.13 -0.02	51.50 4.21 0.00	44.52 2.60 0.00	40.10 2.55 0.00	37.00 2.49 0.00	33.44 2.53 0.00	31.19 2.47 -1.01

TRINITY__115KV__4 BK 55933	26.76 0.58 0.00	24.60 0.53 0.00	23.64 0.58 0.00	21.96 0.58 0.00	21.44 0.48 0.00	22.80 0.51 0.00	23.63 0.55 0.00	25.88 0.68 0.00	28.34 0.83 0.00	29.56 0.79 0.33	30.20 0.69 0.55	32.61 0.72 0.62	35.62 0.70 0.30	38.04 0.79 0.16	39.98 0.84 0.66	43.01 1.06 0.50	47.78 1.50 0.61	51.34 2.02 0.02	49.00 1.70 0.00	43.01 1.09 0.00	38.64 1.09 0.00	35.55 1.04 0.00	31.86 0.96 0.00	28.52 0.80 0.00
UNION__PROCESSING_DRP 323587	27.10 0.92 0.00	24.89 0.82 0.00	23.80 0.74 0.00	21.85 0.47 0.00	21.48 0.52 0.00	22.98 0.69 0.00	23.74 0.67 0.00	25.65 0.45 0.00	27.79 0.28 0.00	29.46 0.35 0.00	30.78 0.72 0.00	33.43 0.91 0.00	36.42 1.20 0.00	38.61 1.20 0.00	41.08 1.27 0.00	43.38 0.93 0.00	48.54 1.64 0.00	50.96 1.63 0.00	48.90 1.61 0.00	43.39 1.47 0.00	38.60 1.05 0.00	35.45 0.93 0.00	31.64 0.74 0.00	28.72 1.00 0.00
UPPER HUDSON__HYD 24058	27.21 1.02 0.00	25.01 0.94 0.00	24.03 0.97 0.00	22.28 0.90 0.00	21.82 0.86 0.00	23.20 0.91 0.00	24.07 0.99 0.00	26.46 1.26 0.00	28.89 1.38 0.00	30.03 1.28 0.35	30.70 1.23 0.59	33.16 1.30 0.67	36.23 1.34 0.32	38.74 1.50 0.17	40.74 1.63 0.70	43.95 2.04 0.53	48.87 2.62 0.65	52.71 3.40 0.02	50.65 3.36 0.00	44.65 2.72 0.00	40.03 2.48 0.00	36.87 2.35 0.00	32.79 1.89 0.00	29.27 1.55 0.00
UPPER RAQUET__HYD 24056	24.98 -1.20 0.00	22.97 -1.11 0.00	21.93 -1.13 0.00	20.29 -1.09 0.00	19.93 -1.03 0.00	21.28 -1.00 0.00	22.01 -1.06 0.00	24.04 -1.16 0.00	26.20 -1.32 0.00	27.89 -1.22 0.00	28.92 -1.14 0.00	31.12 -1.40 0.00	33.84 -1.37 0.00	35.99 -1.42 0.00	38.29 -1.51 0.00	41.00 -1.44 0.00	44.78 -2.16 -0.04	46.13 -3.21 0.00	45.07 -2.22 0.00	40.50 -1.43 0.00	36.20 -1.35 0.00	33.07 -1.45 0.00	29.48 -1.42 0.00	26.31 -1.41 0.00
VALLEY44_115KV_TB2 355964	27.63 1.44 0.00	25.37 1.30 0.00	24.14 1.08 0.00	22.13 0.75 0.00	21.80 0.84 0.00	23.42 1.14 0.00	24.16 1.08 0.00	25.88 0.68 0.00	27.90 0.39 0.00	29.49 0.38 0.00	30.99 0.93 0.00	33.63 1.11 0.00	36.87 1.66 0.00	38.64 1.23 0.00	40.92 1.11 0.00	43.08 0.64 0.00	48.40 1.50 0.00	50.87 1.53 0.00	48.86 1.56 0.00	43.27 1.34 0.00	38.42 0.86 0.00	35.59 1.07 0.00	31.58 0.68 0.00	29.05 1.33 0.00
VALLEY__115KV_TB 1-4 80826	26.26 0.08 0.00	24.14 0.07 0.00	23.13 0.07 0.00	21.40 0.02 0.00	20.98 0.02 0.00	22.33 0.04 0.00	23.10 0.02 0.00	25.17 -0.03 0.00	27.49 -0.03 0.00	29.08 -0.03 0.00	30.21 0.15 0.00	32.72 0.20 0.00	35.50 0.28 0.00	37.75 0.34 0.00	39.96 0.16 0.00	42.87 0.42 0.00	47.13 0.23 0.00	49.53 0.20 0.00	47.39 0.09 0.00	41.84 -0.08 0.00	37.40 -0.15 0.00	34.38 -0.14 0.00	30.72 -0.19 0.00	27.58 -0.14 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	27.73 1.54 0.00	25.47 1.40 0.00	24.42 1.36 0.00	22.56 1.18 0.00	22.09 1.13 0.00	23.60 1.31 0.00	24.55 1.48 0.00	26.68 1.49 0.00	29.11 1.60 0.00	30.74 1.63 0.00	31.71 1.65 0.00	34.34 1.82 0.00	37.30 2.08 0.00	39.65 2.24 0.00	42.27 2.47 0.00	45.03 2.59 0.00	50.22 3.33 0.00	52.84 3.50 0.00	50.65 3.36 0.00	44.65 2.73 0.00	40.07 2.52 0.00	36.73 2.21 0.00	32.82 1.92 0.00	29.44 1.72 0.00
VISCHER__FERRY HYD 24020	27.16 0.97 0.00	24.96 0.89 0.00	23.98 0.92 0.00	22.26 0.88 0.00	21.80 0.84 0.00	23.13 0.85 0.00	24.00 0.92 0.00	26.23 1.03 0.00	28.73 1.21 0.00	29.81 1.17 0.46	30.43 1.14 0.77	32.79 1.14 0.87	35.96 1.16 0.42	38.42 1.23 0.22	40.24 1.35 0.92	43.32 1.57 0.70	48.15 2.11 0.85	52.02 2.71 0.03	49.71 2.41 0.00	43.64 1.72 0.00	39.20 1.65 0.00	36.11 1.59 0.00	32.30 1.39 0.00	28.94 1.22 0.00
V_A_10_SYNC_DSASP 323832	26.97 0.79 0.00	24.77 0.70 0.00	23.66 0.60 0.00	21.72 0.34 0.00	21.36 0.40 0.00	22.86 0.58 0.00	23.58 0.51 0.00	25.35 0.15 0.00	27.30 -0.22 0.00	28.90 -0.20 0.00	30.30 0.24 0.00	32.81 0.29 0.00	35.82 0.60 0.00	37.90 0.49 0.00	40.24 0.44 0.00	42.36 -0.08 0.00	47.46 0.56 0.00	49.78 0.44 0.00	47.82 0.52 0.00	42.47 0.55 0.00	37.78 0.23 0.00	34.76 0.24 0.00	31.03 0.12 0.00	28.39 0.67 0.00
V_CMM_10_SYNC_DSASP 323787	25.53 -0.65 0.00	23.47 -0.60 0.00	22.44 -0.62 0.00	20.82 -0.56 0.00	20.41 -0.55 0.00	21.75 -0.54 0.00	22.45 -0.62 0.00	24.57 -0.63 0.00	26.80 -0.72 0.00	28.44 -0.67 0.00	29.46 -0.60 0.00	31.74 -0.78 0.00	34.44 -0.77 0.00	36.55 -0.86 0.00	38.89 -0.91 0.00	41.55 -0.89 0.00	45.30 -1.59 0.00	47.27 -2.07 0.00	45.74 -1.56 0.00	41.00 -0.92 0.00	36.69 -0.86 0.00	33.66 -0.86 0.00	30.13 -0.77 0.00	26.94 -0.78 0.00
V_CMP_10_SYNC_DSASP 323788	26.53 0.34 0.00	24.38 0.31 0.00	23.24 0.18 0.00	21.57 0.19 0.00	21.21 0.25 0.00	22.66 0.38 0.00	23.35 0.28 0.00	25.60 0.40 0.00	27.93 0.41 0.00	29.78 0.67 0.00	30.78 0.72 0.00	33.07 0.55 0.00	35.96 0.74 0.00	38.08 0.67 0.00	40.68 0.87 0.00	43.34 0.89 0.00	47.55 0.66 0.00	49.63 0.30 0.00	48.05 0.75 0.00	42.84 0.92 0.00	38.12 0.56 0.00	34.73 0.21 0.00	30.90 0.00 0.00	27.55 -0.17 0.00
V_E_10_SYNC_DSASP 323830	28.52 2.33 0.00	26.14 2.07 0.00	25.02 1.96 0.00	22.98 1.60 0.00	22.59 1.64 0.00	24.20 1.92 0.00	25.24 2.17 0.00	27.21 2.02 0.00	29.41 1.90 0.00	30.97 1.86 0.00	32.10 2.04 0.00	34.99 2.47 0.00	38.28 3.06 0.00	40.85 3.44 0.00	43.15 3.34 0.00	46.61 4.16 0.00	51.95 4.97 -0.08	54.47 5.13 0.00	52.68 5.39 0.00	46.66 4.74 0.00	41.72 4.17 0.00	37.97 3.45 0.00	33.65 2.75 0.00	30.16 2.44 0.00
V_F_30_NSYNC__DSASP 323816	27.49 1.31 0.00	25.30 1.23 0.00	24.28 1.22 0.00	22.53 1.15 0.00	22.07 1.11 0.00	23.44 1.16 0.00	24.30 1.22 0.00	26.63 1.44 0.00	29.11 1.60 0.00	30.28 1.54 0.37	30.97 1.53 0.62	33.45 1.63 0.70	36.57 1.69 0.34	39.10 1.87 0.18	41.10 2.03 0.74	44.26 2.38 0.56	49.21 3.00 0.68	53.01 3.70 0.03	50.80 3.50 0.00	44.69 2.77 0.00	40.07 2.52 0.00	36.90 2.38 0.00	32.91 2.01 0.00	29.47 1.75 0.00
V_F_30_SYNC_DSASP 323786	26.84 0.65 0.00	24.67 0.60 0.00	23.70 0.65 0.00	22.02 0.64 0.00	21.50 0.54 0.00	22.89 0.60 0.00	23.72 0.65 0.00	25.98 0.78 0.00	28.42 0.91 0.00	29.68 0.90 0.33	30.31 0.81 0.56	32.77 0.88 0.63	35.79 0.88 0.31	38.22 0.97 0.16	40.21 1.07 0.67	43.25 1.32 0.51	48.06 1.78 0.62	51.63 2.32 0.02	49.28 1.99 0.00	43.27 1.34 0.00	38.83 1.28 0.00	35.76 1.24 0.00	31.98 1.08 0.00	28.66 0.94 0.00
V_XM_10_SYNC_DSASP 323789	26.53 0.34 0.00	24.38 0.31 0.00	23.24 0.18 0.00	21.57 0.19 0.00	21.21 0.25 0.00	22.66 0.38 0.00	23.35 0.28 0.00	25.60 0.40 0.00	27.93 0.41 0.00	29.78 0.67 0.00	30.78 0.72 0.00	33.07 0.55 0.00	35.96 0.74 0.00	38.08 0.67 0.00	40.68 0.87 0.00	43.34 0.89 0.00	47.55 0.66 0.00	49.63 0.30 0.00	48.05 0.75 0.00	42.84 0.92 0.00	38.12 0.56 0.00	34.73 0.21 0.00	30.90 0.00 0.00	27.55 -0.17 0.00

W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	27.91 1.73 0.00	25.66 1.59 0.00	24.49 1.43 0.00	22.77 1.39 0.00	22.15 1.19 0.00	23.58 1.29 0.00	24.55 1.48 0.00	26.96 1.76 0.00	29.58 2.06 0.00	31.51 2.12 -0.27	32.56 2.04 -0.46	35.12 2.08 -0.52	37.55 2.08 -0.25	39.71 2.17 -0.13	42.62 2.27 -0.55	45.40 2.55 -0.41	50.78 3.38 -0.51	53.40 4.05 -0.02	50.61 3.31 0.00	43.98 2.05 0.00	39.62 2.07 0.00	36.62 2.11 0.00	32.97 2.07 0.00	29.58 1.86 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	28.15 1.96 0.00	25.88 1.81 0.00	24.67 1.61 0.00	22.96 1.58 0.00	22.30 1.34 0.00	23.73 1.45 0.00	24.76 1.68 0.00	27.36 2.17 0.00	30.08 2.56 0.00	32.09 2.68 -0.30	33.21 2.65 -0.50	35.76 2.67 -0.57	38.13 2.64 -0.28	40.32 2.77 -0.14	43.27 2.87 -0.60	46.17 3.27 -0.46	51.53 4.08 -0.56	54.19 4.83 -0.02	51.22 3.93 0.00	44.40 2.47 0.00	39.99 2.44 0.00	37.04 2.52 0.00	33.44 2.53 0.00	29.97 2.25 0.00
W50THST__13_KV_LOAD 356117	28.31 2.12 0.00	26.02 1.95 0.00	24.81 1.75 0.00	23.09 1.71 0.00	22.43 1.47 0.00	23.87 1.58 0.00	24.92 1.85 0.00	27.54 2.34 0.00	30.32 2.81 0.00	32.29 2.88 -0.30	33.45 2.89 -0.50	36.05 2.96 -0.57	38.45 2.96 -0.28	40.66 3.10 -0.14	43.63 3.22 -0.60	46.55 3.65 -0.46	51.95 4.50 -0.56	54.59 5.23 -0.02	51.60 4.30 0.00	44.73 2.81 0.00	40.22 2.67 0.00	37.24 2.73 0.00	33.59 2.69 0.00	30.13 2.41 0.00
WADING RIVER_IC_1 23522	33.98 2.75 -5.05	30.55 2.48 -4.00	25.39 2.33 0.00	23.52 2.14 0.00	23.01 2.06 0.00	24.36 2.07 0.00	25.51 2.42 -0.02	31.93 2.77 -3.96	33.65 3.25 -2.89	33.34 3.14 -1.08	33.35 2.80 -0.50	35.88 2.80 -0.56	38.31 2.82 -0.27	40.62 3.07 -0.14	46.48 3.50 -3.18	46.54 3.65 -0.45	52.04 4.60 -0.55	55.12 5.77 -0.01	52.02 4.73 0.01	44.81 2.89 0.01	40.66 3.01 -0.10	37.31 2.79 0.00	33.72 2.81 0.00	31.79 2.88 -1.19
WADING RIVER_IC_2 23547	33.98 2.75 -5.05	30.55 2.48 -4.00	25.39 2.33 0.00	23.52 2.14 0.00	23.01 2.06 0.00	24.36 2.07 0.00	25.51 2.42 -0.02	31.93 2.77 -3.96	33.65 3.25 -2.89	33.34 3.14 -1.08	33.35 2.80 -0.50	35.88 2.80 -0.56	38.31 2.82 -0.27	40.62 3.07 -0.14	46.48 3.50 -3.18	46.54 3.65 -0.45	52.04 4.60 -0.55	55.12 5.77 -0.01	52.02 4.73 0.01	44.81 2.89 0.01	40.66 3.01 -0.10	37.31 2.79 0.00	33.72 2.81 0.00	31.79 2.88 -1.19
WADING RIVER_IC_3 23601	33.98 2.75 -5.05	30.55 2.48 -4.00	25.39 2.33 0.00	23.52 2.14 0.00	23.01 2.06 0.00	24.36 2.07 0.00	25.51 2.42 -0.02	31.93 2.77 -3.96	33.65 3.25 -2.89	33.34 3.14 -1.08	33.35 2.80 -0.50	35.88 2.80 -0.56	38.31 2.82 -0.27	40.62 3.07 -0.14	46.48 3.50 -3.18	46.54 3.65 -0.45	52.04 4.60 -0.55	55.12 5.77 -0.01	52.02 4.73 0.01	44.81 2.89 0.01	40.66 3.01 -0.10	37.31 2.79 0.00	33.72 2.81 0.00	31.79 2.88 -1.19
WALDENNY_I2_KV_BK2 80841	27.70 1.52 0.00	25.44 1.37 0.00	24.28 1.22 0.00	22.24 0.86 0.00	21.88 0.92 0.00	23.49 1.20 0.00	24.16 1.08 0.00	25.85 0.66 0.00	27.79 0.28 0.00	29.43 0.32 0.00	31.02 0.96 0.00	33.63 1.11 0.00	36.87 1.66 0.00	39.02 1.61 0.00	41.32 1.51 0.00	43.59 1.15 0.00	48.77 1.88 0.00	51.11 1.78 0.00	49.14 1.84 0.00	43.60 1.68 0.00	38.68 1.13 0.00	35.59 1.07 0.00	31.68 0.77 0.00	29.11 1.39 0.00
WALDEN___HYDRO 24148	27.89 1.70 0.00	25.64 1.56 0.00	24.49 1.43 0.00	22.75 1.37 0.00	22.19 1.24 0.00	23.51 1.22 0.00	24.46 1.38 0.00	26.73 1.54 0.00	29.30 1.79 0.00	31.14 1.81 -0.22	32.33 1.89 -0.37	34.73 1.79 -0.42	37.25 1.83 -0.20	39.46 1.94 -0.11	42.32 2.07 -0.45	45.12 2.33 -0.34	50.50 3.19 -0.41	53.20 3.85 -0.02	50.51 3.22 0.00	43.98 2.05 0.00	39.62 2.06 0.00	36.55 2.04 0.00	32.91 2.01 0.00	29.50 1.78 0.00
WARRENSBURG____ 23737	27.21 1.02 0.00	25.01 0.94 0.00	24.03 0.97 0.00	22.28 0.90 0.00	21.82 0.86 0.00	23.20 0.91 0.00	24.07 0.99 0.00	26.46 1.26 0.00	28.89 1.38 0.00	30.03 1.28 0.35	30.70 1.23 0.59	33.16 1.30 0.67	36.23 1.34 0.32	38.74 1.50 0.17	40.74 1.63 0.70	43.95 2.04 0.53	48.87 2.62 0.65	52.71 3.40 0.02	50.65 3.36 0.00	44.65 2.72 0.00	40.03 2.48 0.00	36.87 2.35 0.00	32.79 1.89 0.00	29.27 1.55 0.00
WATERSIDE___6 8 9 23538	28.23 2.04 0.00	25.95 1.88 0.00	24.74 1.68 0.00	23.00 1.62 0.00	22.34 1.38 0.00	23.71 1.43 0.00	24.67 1.59 0.00	27.36 2.17 0.00	30.10 2.59 0.00	31.73 2.77 0.14	33.26 2.71 -0.50	35.73 2.63 -0.57	38.10 2.61 -0.28	40.21 2.66 -0.14	43.07 2.67 -0.60	45.99 3.10 -0.45	46.51 3.75 4.13	49.65 4.49 4.18	50.96 3.69 0.02	44.10 2.18 0.00	39.99 2.44 0.01	37.06 2.55 0.01	33.04 2.69 0.55	30.02 2.30 0.00
WATKINRD_115KV_LN8_ILLION 55919	26.26 0.08 0.00	24.14 0.07 0.00	23.13 0.07 0.00	21.42 0.04 0.00	21.00 0.04 0.00	22.33 0.04 0.00	23.12 0.05 0.00	25.20 0.00 0.00	27.52 0.00 0.00	29.11 0.00 0.00	30.15 0.09 0.00	32.65 0.13 0.00	35.39 0.18 0.00	37.63 0.22 0.00	39.93 0.12 0.00	42.70 0.25 0.00	47.13 0.23 0.00	49.58 0.25 0.00	47.48 0.19 0.00	41.97 0.04 0.00	37.55 0.00 0.00	34.52 0.00 0.00	30.87 -0.03 0.00	27.69 -0.03 0.00
WATSON___69_KV_BK 1 55734	34.35 3.17 -5.00	30.92 2.89 -3.96	25.71 2.65 0.00	23.90 2.52 0.00	23.24 2.28 0.00	24.74 2.45 0.00	25.84 2.75 -0.01	32.36 3.25 -3.92	34.06 3.69 -2.86	34.00 3.81 -1.08	33.68 3.13 -0.50	36.66 3.58 -0.56	39.04 3.56 -0.27	41.49 3.93 -0.15	49.45 4.18 -5.47	47.39 4.50 -0.45	52.98 5.53 -0.55	56.01 6.66 -0.01	52.92 5.63 0.01	45.69 3.77 0.01	41.63 3.87 -0.21	38.15 3.62 -0.01	34.41 3.49 -0.02	32.42 3.52 -1.18
WDELAWARE___HYD 323627	27.89 1.70 0.00	25.64 1.56 0.00	24.47 1.41 0.00	22.73 1.35 0.00	22.17 1.22 0.00	23.51 1.22 0.00	24.46 1.38 0.00	26.68 1.49 0.00	29.22 1.71 0.00	31.00 1.75 -0.14	32.19 1.89 -0.24	34.65 1.85 -0.27	37.29 1.94 -0.13	39.53 2.06 -0.07	42.24 2.15 -0.29	45.17 2.50 -0.22	50.40 3.23 -0.27	53.15 3.80 -0.01	50.46 3.17 0.00	43.98 2.05 0.00	39.62 2.06 0.00	36.52 2.00 0.00	32.88 1.98 0.00	29.44 1.72 0.00
WEST BABYLON___IC 23714	34.06 2.99 -4.89	30.67 2.72 -3.87	25.55 2.49 0.00	23.77 2.39 0.00	23.10 2.14 0.00	24.58 2.30 0.00	25.67 2.58 -0.01	32.08 3.05 -3.83	33.81 3.49 -2.80	33.81 3.64 -1.06	33.62 3.07 -0.50	36.53 3.45 -0.56	38.87 3.38 -0.27	41.26 3.70 -0.15	46.43 3.94 -2.68	47.14 4.24 -0.45	52.65 5.21 -0.55	55.62 6.27 -0.01	52.54 5.25 0.01	45.40 3.48 0.01	41.21 3.57 -0.09	37.90 3.38 0.00	34.22 3.31 -0.01	32.20 3.33 -1.15
WEST CANADA___HYD 24049	26.26 0.08 0.00	24.14 0.07 0.00	23.13 0.07 0.00	21.44 0.06 0.00	21.02 0.06 0.00	22.35 0.07 0.00	23.14 0.07 0.00	25.27 0.08 0.00	27.60 0.08 0.00	29.17 0.06 0.00	30.15 0.09 0.00	32.62 0.10 0.00	35.32 0.11 0.00	37.56 0.15 0.00	39.89 0.08 0.00	42.57 0.13 0.00	47.08 0.19 0.00	49.58 0.25 0.00	47.49 0.19 0.00	42.01 0.08 0.00	37.63 0.08 0.00	34.62 0.10 0.00	30.97 0.06 0.00	27.78 0.06 0.00

WESTERN_NY_WIND 24143	27.84 1.65 0.00	25.54 1.47 0.00	24.37 1.31 0.00	22.34 0.96 0.00	21.96 1.01 0.00	23.58 1.29 0.00	24.25 1.18 0.00	26.00 0.81 0.00	28.01 0.50 0.00	29.66 0.55 0.00	30.48 0.42 0.00	33.89 1.37 0.00	36.98 1.76 0.00	39.20 1.80 0.00	41.56 1.75 0.00	43.84 1.40 0.00	49.15 2.25 0.00	51.66 2.32 0.00	49.66 2.36 0.00	44.19 2.26 0.00	39.20 1.65 0.00	36.03 1.52 0.00	32.05 1.14 0.00	29.33 1.61 0.00
WESTOVER___LESR 323668	27.05 0.86 0.00	24.84 0.77 0.00	23.75 0.69 0.00	21.94 0.56 0.00	21.52 0.57 0.00	23.00 0.71 0.00	23.79 0.72 0.00	25.88 0.68 0.00	28.15 0.63 0.00	29.75 0.64 0.00	30.93 0.87 0.00	33.53 1.01 0.00	36.45 1.23 0.00	38.64 1.23 0.00	40.96 1.15 0.00	43.63 1.19 0.00	48.75 1.78 -0.08	51.26 1.92 0.00	49.14 1.84 0.00	43.35 1.43 0.00	38.72 1.16 0.00	35.59 1.07 0.00	31.77 0.87 0.00	28.66 0.94 0.00
WETHRSFD_WT_PWR 323626	27.52 1.33 0.00	25.25 1.18 0.00	24.07 1.01 0.00	22.13 0.75 0.00	21.78 0.82 0.00	23.35 1.07 0.00	24.04 0.97 0.00	25.83 0.63 0.00	27.82 0.30 0.00	29.46 0.35 0.00	30.33 0.27 0.00	33.53 1.01 0.00	36.52 1.30 0.00	38.75 1.34 0.00	41.04 1.24 0.00	43.34 0.89 0.00	48.58 1.69 0.00	50.96 1.63 0.00	49.00 1.70 0.00	43.43 1.51 0.00	38.60 1.05 0.00	35.52 1.00 0.00	31.64 0.74 0.00	28.94 1.22 0.00
WHAVSTOR_138KV_BK127 55557	27.81 1.62 0.00	25.56 1.49 0.00	24.40 1.34 0.00	22.68 1.30 0.00	22.07 1.11 0.00	23.49 1.20 0.00	24.46 1.38 0.00	26.91 1.71 0.00	29.52 2.01 0.00	31.42 2.04 -0.27	32.50 1.98 -0.46	35.06 2.02 -0.52	37.44 1.97 -0.25	39.60 2.06 -0.13	42.46 2.11 -0.55	45.24 2.38 -0.42	50.59 3.19 -0.51	53.20 3.85 -0.02	50.46 3.17 0.00	43.81 1.89 0.00	39.51 1.95 0.00	36.52 2.00 0.00	32.85 1.95 0.00	29.49 1.77 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	27.81 1.62 0.00	25.56 1.49 0.00	24.40 1.34 0.00	22.68 1.30 0.00	22.07 1.11 0.00	23.49 1.20 0.00	24.46 1.38 0.00	26.91 1.71 0.00	29.52 2.01 0.00	31.42 2.04 -0.27	32.50 1.98 -0.46	35.06 2.02 -0.52	37.44 1.97 -0.25	39.60 2.06 -0.13	42.46 2.11 -0.55	45.24 2.38 -0.42	50.59 3.19 -0.51	53.20 3.85 -0.02	50.46 3.17 0.00	43.81 1.89 0.00	39.51 1.95 0.00	36.52 2.00 0.00	32.85 1.95 0.00	29.49 1.77 0.00
WHITEHAL_115KV_TB1 80871	27.94 1.75 0.00	25.64 1.56 0.00	24.65 1.59 0.00	22.83 1.45 0.00	22.34 1.38 0.00	23.85 1.56 0.00	24.74 1.66 0.00	27.26 2.07 0.00	29.72 2.20 0.00	30.87 2.12 0.36	31.47 2.01 0.60	34.15 2.31 0.68	37.28 2.39 0.33	39.97 2.73 0.17	42.16 3.07 0.72	45.42 3.52 0.54	50.68 4.46 0.67	54.74 5.43 0.02	52.59 5.30 0.00	46.41 4.49 0.00	41.53 3.98 0.00	38.21 3.69 0.00	33.87 2.97 0.00	30.19 2.47 0.00
WHITEPLN_13_KV_LOAD 356215	28.12 1.94 0.00	25.85 1.78 0.00	24.67 1.61 0.00	22.94 1.56 0.00	22.32 1.36 0.00	23.76 1.47 0.00	24.74 1.66 0.00	27.31 2.12 0.00	30.02 2.50 0.00	32.03 2.62 -0.30	33.33 2.77 -0.50	35.92 2.83 -0.57	38.45 2.96 -0.27	40.66 3.10 -0.14	43.39 2.99 -0.60	46.59 3.69 -0.45	51.62 4.17 -0.56	54.29 4.93 -0.02	51.46 4.16 0.00	44.56 2.64 0.00	40.22 2.67 0.00	37.11 2.59 0.00	33.41 2.50 0.00	29.94 2.22 0.00
WM_FLOYD_69_KV_BK2 356380	34.11 2.88 -5.05	30.67 2.60 -4.00	25.46 2.40 0.00	23.67 2.29 0.00	23.01 2.05 0.00	24.47 2.18 0.00	25.63 2.54 -0.02	32.12 2.97 -3.96	33.79 3.38 -2.89	33.57 3.38 -1.08	33.17 2.62 -0.50	36.14 3.06 -0.56	38.44 2.96 -0.27	40.84 3.29 -0.14	46.49 3.46 -3.22	46.84 3.95 -0.45	52.37 4.92 -0.55	55.42 6.07 -0.01	52.35 5.06 0.01	45.10 3.19 0.01	40.92 3.27 -0.10	37.55 3.04 0.00	33.90 3.00 0.00	32.04 3.13 -1.19
WOODARD___115KV_TB2 355635	26.16 -0.03 0.00	24.05 -0.02 0.00	23.04 -0.02 0.00	21.32 -0.06 0.00	20.94 -0.02 0.00	22.29 0.00 0.00	23.08 0.00 0.00	25.15 -0.05 0.00	27.43 -0.08 0.00	29.02 -0.09 0.00	30.12 0.06 0.00	32.68 0.16 0.00	35.46 0.25 0.00	37.71 0.30 0.00	40.00 0.20 0.00	42.74 0.30 0.00	47.55 0.52 -0.14	49.78 0.44 0.00	47.67 0.38 0.00	42.13 0.21 0.00	37.70 0.15 0.00	34.59 0.07 0.00	30.93 0.03 0.00	27.78 0.06 0.00
YORK___WARBASSE 23770	28.42 2.23 -0.01	26.13 2.05 -0.01	24.91 1.84 -0.01	23.16 1.77 -0.01	22.47 1.51 0.00	23.78 1.49 0.00	24.71 1.64 0.00	27.46 2.27 0.00	30.24 2.72 0.00	35.50 2.94 -3.46	37.99 2.92 -5.02	35.95 2.86 -0.57	38.35 2.85 -0.28	40.43 2.88 -0.14	43.35 2.95 -0.60	46.35 3.40 -0.51	84.35 4.13 -33.33	83.53 4.83 -29.36	78.75 4.07 -27.39	44.36 2.43 0.00	40.35 2.74 -0.06	37.40 2.83 -0.06	37.70 2.90 -3.89	30.23 2.49 -0.02