

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

06/09/2026

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	35.56	33.45	30.15	30.12	30.23	33.76	35.27	35.37	34.91	33.78	35.03	37.68	39.86	44.79	49.60	51.26	57.86	70.27	75.18	81.91	67.96	59.31	51.28	42.17
24138	1.89	1.89	1.76	1.73	1.66	1.42	1.74	2.03	2.22	2.18	2.38	2.50	2.85	3.24	3.63	3.97	4.43	4.54	4.26	4.12	3.05	2.82	2.81	2.27
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	35.59	33.48	30.18	30.12	30.23	33.73	35.24	35.34	34.84	33.72	34.99	37.64	39.79	44.70	49.55	51.16	57.76	70.14	75.04	81.83	67.89	59.25	51.28	42.17
24260	1.92	1.92	1.79	1.73	1.66	1.39	1.71	2.00	2.16	2.12	2.35	2.46	2.78	3.16	3.59	3.88	4.33	4.40	4.11	4.04	2.99	2.77	2.81	2.27
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	35.59	33.48	30.18	30.12	30.23	33.73	35.24	35.34	34.84	33.72	34.99	37.64	39.79	44.70	49.55	51.16	57.76	70.14	75.04	81.83	67.89	59.25	51.28	42.17
24261	1.92	1.92	1.79	1.73	1.66	1.39	1.71	2.00	2.16	2.12	2.35	2.46	2.78	3.16	3.59	3.88	4.33	4.40	4.11	4.04	2.99	2.77	2.81	2.27
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	35.89	33.80	30.49	30.46	30.69	34.41	35.61	35.17	34.15	32.83	33.04	36.02	37.90	42.71	47.35	48.42	55.03	67.65	73.34	80.51	67.63	58.86	50.55	41.65
24011	2.22	2.24	2.10	2.07	2.11	2.07	2.08	1.83	1.47	1.23	0.39	0.84	0.89	1.16	1.38	1.13	1.60	1.91	2.41	2.72	2.73	2.37	2.08	1.76
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	36.13	33.99	30.69	30.66	30.89	34.63	35.84	35.34	34.28	32.74	32.94	36.06	37.94	42.83	47.44	48.51	55.19	67.90	73.62	80.97	67.89	59.09	50.75	41.85
23798	2.46	2.43	2.30	2.27	2.31	2.30	2.31	2.00	1.60	1.14	0.29	0.88	0.93	1.29	1.47	1.23	1.76	2.17	2.69	3.19	2.99	2.60	2.28	1.95
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	35.89	33.80	30.49	30.46	30.69	34.41	35.61	35.17	34.15	32.83	33.04	36.02	37.90	42.71	47.35	48.42	55.03	67.65	73.34	80.51	67.63	58.86	50.55	41.65
24028	2.22	2.24	2.10	2.07	2.11	2.07	2.08	1.83	1.47	1.23	0.39	0.84	0.89	1.16	1.38	1.13	1.60	1.91	2.41	2.72	2.73	2.37	2.08	1.76
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	35.39	33.32	30.04	30.04	30.20	33.73	35.07	34.84	33.96	32.55	33.49	36.27	38.23	43.04	47.53	48.61	55.57	67.71	72.77	79.65	67.04	58.63	50.46	41.65
23527	1.72	1.77	1.65	1.65	1.63	1.39	1.54	1.50	1.27	0.95	0.85	1.09	1.22	1.49	1.56	1.32	2.14	1.97	1.84	1.86	2.14	2.15	1.99	1.75
	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
AIR_PRODUCTS___DRP	34.48	32.50	29.30	29.30	29.46	33.02	34.16	34.00	32.98	31.82	32.81	35.46	37.34	42.00	46.47	47.43	53.75	65.74	70.86	77.47	64.97	56.71	48.76	40.29
24190	0.81	0.95	0.91	0.91	0.89	0.68	0.64	0.67	0.29	0.22	0.16	0.28	0.33	0.46	0.51	0.14	0.32	0.00	-0.07	-0.31	0.06	0.23	0.29	0.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	33.64	31.37	28.16	28.19	28.38	32.37	33.63	33.37	32.75	31.73	32.77	35.35	37.31	41.71	46.06	47.33	53.38	65.28	70.57	77.55	64.71	56.43	48.61	40.05
355683	-0.03	-0.19	-0.23	-0.20	-0.20	0.03	0.10	0.03	0.07	0.13	0.13	0.18	0.30	0.17	0.09	0.05	-0.05	-0.46	-0.35	-0.23	-0.19	-0.06	0.15	0.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	34.95	32.98	29.73	29.73	29.86	33.47	34.53	34.10	33.08	31.70	32.64	35.35	37.27	42.00	46.52	47.43	53.96	66.26	71.71	78.95	66.20	57.79	49.63	40.97
323833	1.28	1.42	1.33	1.33	1.29	1.13	1.00	0.77	0.39	0.10	0.00	0.18	0.26	0.46	0.55	0.14	0.53	0.52	0.78	1.17	1.30	1.30	1.16	1.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	34.95	32.94	29.73	29.70	29.86	33.47	34.50	34.10	33.08	31.70	32.64	35.35	37.27	42.00	46.52	47.43	53.96	66.26	71.71	78.95	66.20	57.73	49.63	40.97
323834	1.28	1.39	1.33	1.31	1.29	1.13	0.97	0.77	0.39	0.10	0.00	0.18	0.26	0.46	0.55	0.14	0.53	0.52	0.78	1.17	1.30	1.24	1.16	1.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	34.48	32.50	29.30	29.30	29.46	33.02	34.16	34.00	32.98	31.82	32.81	35.46	37.34	42.00	46.47	47.43	53.75	65.74	70.86	77.47	64.97	56.71	48.76	40.29
23571	0.81	0.95	0.91	0.91	0.89	0.68	0.64	0.67	0.29	0.22	0.16	0.28	0.33	0.46	0.51	0.14	0.32	0.00	-0.07	-0.31	0.06	0.23	0.29	0.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	34.48 0.81 0.00	32.50 0.95 0.00	29.30 0.91 0.00	29.30 0.91 0.00	29.46 0.89 0.00	33.02 0.68 0.00	34.16 0.64 0.00	34.00 0.67 0.00	32.98 0.29 0.00	31.82 0.22 0.00	32.81 0.16 0.00	35.46 0.28 0.00	37.34 0.33 0.00	42.00 0.46 0.00	46.47 0.51 0.00	47.43 0.14 0.00	53.75 0.32 0.00	65.74 0.00 0.00	70.86 -0.07 0.00	77.47 -0.31 0.00	64.97 0.06 0.00	56.71 0.23 0.00	48.76 0.29 0.00	40.29 0.40 0.00
ALBANY___3 23573	34.48 0.81 0.00	32.50 0.95 0.00	29.30 0.91 0.00	29.30 0.91 0.00	29.46 0.89 0.00	33.02 0.68 0.00	34.16 0.64 0.00	34.00 0.67 0.00	32.98 0.29 0.00	31.82 0.22 0.00	32.81 0.16 0.00	35.46 0.28 0.00	37.34 0.33 0.00	42.00 0.46 0.00	46.47 0.51 0.00	47.43 0.14 0.00	53.75 0.32 0.00	65.74 0.00 0.00	70.86 -0.07 0.00	77.47 -0.31 0.00	64.97 0.06 0.00	56.71 0.23 0.00	48.76 0.29 0.00	40.29 0.40 0.00
ALBANY___4 23574	34.48 0.81 0.00	32.50 0.95 0.00	29.30 0.91 0.00	29.30 0.91 0.00	29.46 0.89 0.00	33.02 0.68 0.00	34.16 0.64 0.00	34.00 0.67 0.00	32.98 0.29 0.00	31.82 0.22 0.00	32.81 0.16 0.00	35.46 0.28 0.00	37.34 0.33 0.00	42.00 0.46 0.00	46.47 0.51 0.00	47.43 0.14 0.00	53.75 0.32 0.00	65.74 0.00 0.00	70.86 -0.07 0.00	77.47 -0.31 0.00	64.97 0.06 0.00	56.71 0.23 0.00	48.76 0.29 0.00	40.29 0.40 0.00
ALBANY___LFGE 323615	34.78 1.11 0.00	32.79 1.23 0.00	29.56 1.16 0.00	29.56 1.16 0.00	29.72 1.14 0.00	33.31 0.97 0.00	34.46 0.94 0.00	34.27 0.93 0.00	33.27 0.59 0.00	31.95 0.35 0.00	32.94 0.29 0.00	35.71 0.53 0.00	37.64 0.63 0.00	42.42 0.87 0.00	46.98 1.01 0.00	47.95 0.66 0.00	54.50 1.07 0.00	66.53 0.79 0.00	71.64 0.71 0.00	78.48 0.70 0.00	65.75 0.84 0.00	57.34 0.85 0.00	49.29 0.82 0.00	40.73 0.84 0.00
ALCOA_PA_115KV_PL-6C 55860	33.74 0.07 0.00	31.46 -0.09 0.00	28.22 -0.17 0.00	28.25 -0.14 0.00	28.41 -0.17 0.00	32.43 0.10 0.00	33.69 0.17 0.00	33.40 0.07 0.00	32.78 0.10 0.00	31.76 0.16 0.00	32.81 0.16 0.00	35.35 0.18 0.00	37.34 0.33 0.00	41.80 0.25 0.00	46.06 0.09 0.00	47.33 0.05 0.00	53.06 -0.37 0.00	65.61 -0.13 0.00	71.07 0.14 0.00	78.18 0.39 0.00	65.17 0.26 0.00	56.89 0.40 0.00	48.76 0.29 0.00	40.17 0.28 0.00
ALCOA_RYNLDS___DRP 24188	33.74 0.07 0.00	31.46 -0.09 0.00	28.22 -0.17 0.00	28.25 -0.14 0.00	28.41 -0.17 0.00	32.43 0.10 0.00	33.73 0.20 0.00	33.40 0.07 0.00	32.78 0.10 0.00	31.76 0.16 0.00	32.81 0.16 0.00	35.39 0.21 0.00	37.34 0.33 0.00	41.79 0.25 0.00	46.06 0.09 0.00	47.33 0.05 0.00	53.32 -0.11 0.00	65.61 -0.13 0.00	71.07 0.14 0.00	78.17 0.39 0.00	65.17 0.26 0.00	56.71 0.23 0.00	48.76 0.29 0.00	40.17 0.28 0.00
ALCOA___DSASP 323711	33.74 0.07 0.00	31.46 -0.09 0.00	28.22 -0.17 0.00	28.25 -0.14 0.00	28.41 -0.17 0.00	32.43 0.10 0.00	33.73 0.20 0.00	33.40 0.07 0.00	32.78 0.10 0.00	31.76 0.16 0.00	32.81 0.16 0.00	35.39 0.21 0.00	37.34 0.33 0.00	41.79 0.25 0.00	46.06 0.09 0.00	47.33 0.05 0.00	53.32 -0.11 0.00	65.61 -0.13 0.00	71.07 0.14 0.00	78.17 0.39 0.00	65.17 0.26 0.00	56.71 0.23 0.00	48.76 0.29 0.00	40.17 0.28 0.00
ALLEGHENY___COGEN 23514	33.33 -0.34 0.00	43.15 -0.69 -12.29	41.56 -0.71 -13.88	46.03 -0.60 -18.23	42.79 -0.51 -14.72	59.70 -0.52 -27.88	60.54 -0.30 -27.32	34.85 -0.80 -2.32	31.83 -0.95 -0.09	31.00 -0.60 0.00	32.02 -0.62 0.00	34.19 -0.98 0.00	35.60 -1.41 0.00	39.92 -1.62 0.00	44.40 -1.56 0.00	46.61 -0.71 -0.04	53.38 -0.70 -0.65	99.51 0.99 -32.78	90.34 2.76 -16.65	118.66 4.75 -36.13	90.91 3.63 -22.37	78.88 2.37 -20.02	60.59 0.92 -11.20	40.17 0.20 -0.07
ALTAMONT_115KV_TB 2 55880	34.55 0.88 0.00	32.57 1.01 0.00	29.36 0.97 0.00	29.36 0.97 0.00	29.49 0.91 0.00	33.11 0.78 0.00	34.26 0.74 0.00	34.07 0.73 0.00	33.27 0.59 0.00	32.11 0.51 0.00	33.10 0.46 0.00	35.74 0.56 0.00	37.64 0.63 0.00	42.29 0.75 0.00	46.79 0.83 0.00	47.90 0.61 0.00	54.23 0.80 0.00	66.46 0.72 0.00	71.57 0.64 0.00	78.41 0.62 0.00	65.62 0.71 0.00	57.22 0.73 0.00	49.24 0.78 0.00	40.61 0.72 0.00
ALTONA_WT_PWR 323606	33.84 0.17 0.00	31.56 0.00 0.00	28.31 -0.08 0.00	28.34 -0.06 0.00	28.52 -0.06 0.00	32.50 0.16 0.00	33.79 0.27 0.00	33.54 0.20 0.00	32.91 0.23 0.00	31.88 0.28 0.00	32.97 0.33 0.00	35.53 0.35 0.00	37.46 0.45 0.00	41.96 0.42 0.00	46.29 0.32 0.00	47.62 0.33 0.00	53.54 0.11 0.00	66.14 0.40 0.00	71.57 0.64 0.00	78.72 0.94 0.00	65.55 0.65 0.00	57.17 0.68 0.00	48.95 0.48 0.00	40.29 0.40 0.00
AMERICAN_REF_FUEL 24010	29.49 -4.18 0.00	24.81 -3.66 3.09	21.58 -3.32 3.49	20.55 -3.26 4.58	21.56 -3.31 3.70	21.26 -3.75 7.33	22.72 -3.62 7.18	28.46 -4.47 0.41	28.71 -3.96 0.02	28.79 -2.81 0.00	29.97 -2.68 0.00	31.91 -3.27 0.00	32.98 -4.03 0.00	36.93 -4.61 0.00	40.91 -5.06 0.00	42.74 -4.54 0.01	47.99 -5.23 0.21	50.84 -5.32 9.57	60.60 -5.39 4.94	61.26 -5.84 10.69	52.83 -5.45 6.63	45.50 -5.14 5.85	40.57 -4.94 2.95	35.29 -4.59 0.02
ARKWRIGHT___SUMMIT_WT_PWR 323751	30.14 -3.53 0.00	25.15 -3.28 3.13	21.79 -3.07 3.53	20.74 -3.01 4.64	21.80 -3.03 3.75	20.21 -3.23 8.89	21.76 -3.05 8.71	29.59 -3.23 0.52	29.43 -3.24 0.02	29.58 -2.02 0.00	30.91 -1.73 0.00	33.28 -1.90 0.00	34.61 -2.41 0.00	38.97 -2.58 0.00	43.16 -2.81 0.00	45.05 -2.22 0.01	50.85 -2.40 0.17	55.76 -1.77 8.20	65.21 -1.49 4.22	66.85 -1.79 9.15	56.96 -2.27 5.67	48.99 -2.48 5.01	41.85 -3.05 3.57	36.88 -2.99 0.02
ARTHUR KILL_GT_1 23520	35.80 2.12 -0.01	33.68 2.11 -0.01	30.32 1.93 0.00	30.24 1.85 0.00	30.35 1.77 0.00	33.70 1.36 0.00	35.04 1.51 0.00	35.10 1.77 0.00	34.61 1.93 0.00	33.53 1.93 0.00	34.83 2.19 0.00	37.50 2.32 0.00	39.71 2.70 0.00	44.62 3.07 0.00	49.51 3.54 0.00	51.26 3.97 0.00	57.77 4.33 -0.01	69.49 3.75 0.00	74.12 3.19 0.00	80.74 2.96 0.00	66.98 2.08 0.00	59.43 2.94 -0.01	51.47 3.00 0.00	42.38 2.47 -0.01
ARTHUR_KILL_2 23512	35.66 1.99 -0.01	33.58 2.02 -0.01	30.24 1.84 0.00	30.18 1.79 0.00	30.29 1.71 0.00	33.60 1.26 0.00	34.97 1.44 0.00	35.07 1.73 0.00	34.51 1.83 0.00	33.37 1.77 0.00	34.50 1.86 0.00	37.25 2.07 0.00	39.38 2.37 0.00	44.54 2.99 0.00	49.42 3.45 0.00	51.02 3.73 0.00	57.76 4.33 -0.01	69.15 3.42 0.00	74.40 3.47 0.01	80.81 3.03 0.01	67.04 2.14 0.00	59.15 2.66 -0.01	51.28 2.81 0.00	42.25 2.35 -0.01
ARTHUR_KILL_3 23513	35.19 1.52 0.00	33.16 1.61 0.00	29.92 1.53 0.00	29.87 1.48 0.00	29.98 1.40 0.00	33.47 1.13 0.00	34.93 1.41 0.00	35.10 1.77 0.00	34.58 1.89 0.00	33.40 1.80 0.00	34.50 1.86 0.00	37.18 2.00 0.00	39.27 2.26 0.00	44.37 2.83 0.00	49.18 3.22 0.00	50.69 3.41 0.00	57.38 3.95 0.00	69.62 3.88 0.00	74.54 3.62 0.00	81.05 3.27 0.00	67.31 2.40 0.00	58.63 2.15 0.00	50.79 2.33 0.00	41.77 1.88 0.00

ARTHUR_KILL_COGEN 323718	35.77 2.09 -0.01	33.68 2.11 -0.01	30.32 1.93 0.00	30.24 1.84 0.00	30.35 1.77 0.00	33.70 1.36 0.00	35.04 1.51 0.00	35.13 1.80 0.00	34.58 1.89 0.00	33.46 1.86 0.00	34.60 1.96 0.00	37.36 2.18 0.00	39.49 2.48 0.00	44.66 3.12 0.00	49.60 3.63 0.00	51.21 3.92 0.00	57.93 4.49 -0.01	69.42 3.68 0.00	74.68 3.76 0.01	81.12 3.34 0.01	67.31 2.40 0.00	59.37 2.88 -0.01	51.42 2.96 0.00	42.42 2.51 -0.01
ASHOKAN____ 23654	35.66 1.99 0.00	33.51 1.96 0.00	30.21 1.82 0.00	30.18 1.79 0.00	30.23 1.66 0.00	33.73 1.39 0.00	34.80 1.27 0.00	34.47 1.13 0.00	33.63 0.95 0.00	32.10 0.50 0.00	33.13 0.49 0.00	35.78 0.60 0.00	37.75 0.74 0.00	42.83 1.29 0.00	47.85 1.89 0.00	49.42 2.13 0.00	56.31 2.88 0.00	69.29 3.55 0.00	74.90 3.97 0.00	82.06 4.28 0.00	68.54 3.63 0.00	59.54 3.05 0.00	51.13 2.66 0.00	42.13 2.23 0.00
ASTORIA_EAST_ENERGY_CC1 323581	35.39 1.72 0.00	33.61 2.05 -0.01	30.24 1.84 0.00	30.18 1.79 0.00	30.29 1.71 0.00	33.60 1.26 0.00	34.86 1.34 0.01	35.06 1.73 0.01	34.57 1.89 0.01	33.46 1.86 0.01	34.50 1.86 0.01	37.17 2.00 0.01	39.30 2.30 0.01	44.36 2.83 0.01	49.17 3.22 0.01	50.68 3.41 0.01	57.43 4.01 0.01	69.34 3.61 0.01	74.33 3.40 0.01	80.73 2.96 0.01	67.04 2.14 0.01	58.57 2.09 0.01	50.75 2.28 0.00	41.97 2.07 0.00
ASTORIA_EAST_ENERGY_CC2 323582	35.39 1.72 0.00	33.61 2.05 -0.01	30.24 1.84 0.00	30.18 1.79 0.00	30.29 1.71 0.00	33.60 1.26 0.00	34.86 1.34 0.01	35.06 1.73 0.01	34.57 1.89 0.01	33.42 1.83 0.01	34.50 1.86 0.01	37.17 2.00 0.01	39.30 2.30 0.01	44.36 2.83 0.01	49.17 3.22 0.01	50.68 3.41 0.01	57.43 4.01 0.01	69.34 3.61 0.01	74.33 3.40 0.01	80.73 2.96 0.01	67.04 2.14 0.01	58.57 2.09 0.01	50.75 2.28 0.00	41.97 2.07 0.00
ASTORIA_GT2_1 24094	35.45 1.78 0.00	33.61 2.05 0.00	30.27 1.87 0.00	30.18 1.79 0.00	30.29 1.71 0.00	33.63 1.29 0.00	34.90 1.37 0.00	35.00 1.67 0.00	34.61 1.93 0.00	33.56 1.96 0.00	34.73 2.09 0.00	37.36 2.18 0.00	39.53 2.52 0.00	44.33 2.78 0.00	49.14 3.17 0.00	50.79 3.50 0.00	57.28 3.85 0.00	69.22 3.48 0.00	74.05 3.12 0.00	80.58 2.80 0.00	66.85 1.95 0.00	58.58 2.09 0.00	50.79 2.33 0.00	41.97 2.07 0.00
ASTORIA_GT2_2 24095	35.45 1.78 0.00	33.61 2.05 -0.01	30.27 1.87 0.00	30.18 1.79 0.00	30.29 1.71 0.00	33.63 1.29 0.00	34.90 1.37 0.00	35.00 1.67 0.00	34.61 1.93 0.00	33.56 1.96 0.00	34.73 2.09 0.00	37.36 2.18 0.00	39.53 2.52 0.00	44.33 2.78 0.00	49.14 3.17 0.00	50.79 3.50 0.00	57.28 3.85 0.00	69.22 3.48 0.00	74.05 3.12 0.00	80.58 2.80 0.00	66.85 1.95 0.00	58.58 2.09 0.00	50.79 2.33 0.00	41.97 2.07 0.00
ASTORIA_GT2_3 24096	35.45 1.78 0.00	33.61 2.05 -0.01	30.27 1.87 0.00	30.18 1.79 0.00	30.29 1.71 0.00	33.63 1.29 0.00	34.90 1.37 0.00	35.00 1.67 0.00	34.61 1.93 0.00	33.56 1.96 0.00	34.73 2.09 0.00	37.36 2.18 0.00	39.53 2.52 0.00	44.33 2.78 0.00	49.14 3.17 0.00	50.79 3.50 0.00	57.28 3.85 0.00	69.22 3.48 0.00	74.05 3.12 0.00	80.58 2.80 0.00	66.85 1.95 0.00	58.58 2.09 0.00	50.79 2.33 0.00	41.97 2.07 0.00
ASTORIA_GT2_4 24097	35.45 1.78 0.00	33.61 2.05 -0.01	30.27 1.87 0.00	30.18 1.79 0.00	30.29 1.71 0.00	33.63 1.29 0.00	34.90 1.37 0.00	35.00 1.67 0.00	34.61 1.93 0.00	33.56 1.96 0.00	34.73 2.09 0.00	37.36 2.18 0.00	39.53 2.52 0.00	44.33 2.78 0.00	49.14 3.17 0.00	50.79 3.50 0.00	57.28 3.85 0.00	69.22 3.48 0.00	74.05 3.12 0.00	80.58 2.80 0.00	66.85 1.95 0.00	58.58 2.09 0.00	50.79 2.33 0.00	41.97 2.07 0.00
ASTORIA_GT3_1 24098	35.45 1.78 0.00	33.61 2.05 -0.01	30.27 1.87 0.00	30.18 1.79 0.00	30.29 1.71 0.00	33.63 1.29 0.00	34.90 1.37 0.00	35.00 1.67 0.00	34.61 1.93 0.00	33.56 1.96 0.00	34.73 2.09 0.00	37.36 2.18 0.00	39.53 2.52 0.00	44.33 2.78 0.00	49.14 3.17 0.00	50.79 3.50 0.00	57.28 3.85 0.00	69.22 3.48 0.00	74.05 3.12 0.00	80.58 2.80 0.00	66.85 1.95 0.00	58.58 2.09 0.00	50.79 2.33 0.00	41.97 2.07 0.00
ASTORIA_GT3_2 24099	35.45 1.78 0.00	33.61 2.05 -0.01	30.27 1.87 0.00	30.18 1.79 0.00	30.29 1.71 0.00	33.63 1.29 0.00	34.90 1.37 0.00	35.00 1.67 0.00	34.61 1.93 0.00	33.56 1.96 0.00	34.73 2.09 0.00	37.36 2.18 0.00	39.53 2.52 0.00	44.33 2.78 0.00	49.14 3.17 0.00	50.79 3.50 0.00	57.28 3.85 0.00	69.22 3.48 0.00	74.05 3.12 0.00	80.58 2.80 0.00	66.85 1.95 0.00	58.58 2.09 0.00	50.79 2.33 0.00	41.97 2.07 0.00
ASTORIA_GT3_3 24100	35.45 1.78 0.00	33.61 2.05 -0.01	30.27 1.87 0.00	30.18 1.79 0.00	30.29 1.71 0.00	33.63 1.29 0.00	34.90 1.37 0.00	35.00 1.67 0.00	34.61 1.93 0.00	33.56 1.96 0.00	34.73 2.09 0.00	37.36 2.18 0.00	39.53 2.52 0.00	44.33 2.78 0.00	49.14 3.17 0.00	50.79 3.50 0.00	57.28 3.85 0.00	69.22 3.48 0.00	74.05 3.12 0.00	80.58 2.80 0.00	66.85 1.95 0.00	58.58 2.09 0.00	50.79 2.33 0.00	41.97 2.07 0.00
ASTORIA_GT3_4 24101	35.45 1.78 0.00	33.61 2.05 -0.01	30.27 1.87 0.00	30.18 1.79 0.00	30.29 1.71 0.00	33.63 1.29 0.00	34.90 1.37 0.00	35.00 1.67 0.00	34.61 1.93 0.00	33.56 1.96 0.00	34.73 2.09 0.00	37.36 2.18 0.00	39.53 2.52 0.00	44.33 2.78 0.00	49.14 3.17 0.00	50.79 3.50 0.00	57.28 3.85 0.00	69.22 3.48 0.00	74.05 3.12 0.00	80.58 2.80 0.00	66.85 1.95 0.00	58.58 2.09 0.00	50.79 2.33 0.00	41.97 2.07 0.00
ASTORIA_GT4_1 24102	35.45 1.78 0.00	33.61 2.05 -0.01	30.27 1.87 0.00	30.18 1.79 0.00	30.29 1.71 0.00	33.63 1.29 0.00	34.90 1.37 0.00	35.00 1.67 0.00	34.61 1.93 0.00	33.56 1.96 0.00	34.73 2.09 0.00	37.36 2.18 0.00	39.53 2.52 0.00	44.33 2.78 0.00	49.14 3.17 0.00	50.79 3.50 0.00	57.28 3.85 0.00	69.22 3.48 0.00	74.05 3.12 0.00	80.58 2.80 0.00	66.85 1.95 0.00	58.58 2.09 0.00	50.79 2.33 0.00	41.97 2.07 0.00
ASTORIA_GT4_2 24103	35.45 1.78 0.00	33.61 2.05 -0.01	30.27 1.87 0.00	30.18 1.79 0.00	30.29 1.71 0.00	33.63 1.29 0.00	34.90 1.37 0.00	35.00 1.67 0.00	34.61 1.93 0.00	33.56 1.96 0.00	34.73 2.09 0.00	37.36 2.18 0.00	39.53 2.52 0.00	44.33 2.78 0.00	49.14 3.17 0.00	50.79 3.50 0.00	57.28 3.85 0.00	69.22 3.48 0.00	74.05 3.12 0.00	80.58 2.80 0.00	66.85 1.95 0.00	58.58 2.09 0.00	50.79 2.33 0.00	41.97 2.07 0.00
ASTORIA_GT4_3 24104	35.45 1.78 0.00	33.61 2.05 -0.01	30.27 1.87 0.00	30.18 1.79 0.00	30.29 1.71 0.00	33.63 1.29 0.00	34.90 1.37 0.00	35.00 1.67 0.00	34.61 1.93 0.00	33.56 1.96 0.00	34.73 2.09 0.00	37.36 2.18 0.00	39.53 2.52 0.00	44.33 2.78 0.00	49.14 3.17 0.00	50.79 3.50 0.00	57.28 3.85 0.00	69.22 3.48 0.00	74.05 3.12 0.00	80.58 2.80 0.00	66.85 1.95 0.00	58.58 2.09 0.00	50.79 2.33 0.00	41.97 2.07 0.00

ASTORIA_GT4_4 24105	35.45 1.78 0.00	33.61 2.05 -0.01	30.27 1.87 0.00	30.18 1.79 0.00	30.29 1.71 0.00	33.63 1.29 0.00	34.90 1.37 0.00	35.00 1.67 0.00	34.61 1.93 0.00	33.56 1.96 0.00	34.73 2.09 0.00	37.36 2.18 0.00	39.53 2.52 0.00	44.33 2.78 0.00	49.14 3.17 0.00	50.79 3.50 0.00	57.28 3.85 0.00	69.22 3.48 0.00	74.05 3.12 0.00	80.58 2.80 0.00	66.85 1.95 0.00	58.58 2.09 0.00	50.79 2.33 0.00	41.97 2.07 0.00
ASTORIA_GT_1 23523	35.49 1.82 0.00	33.68 2.11 -0.01	30.29 1.90 0.00	30.21 1.82 0.00	30.32 1.74 0.00	33.66 1.33 0.00	34.97 1.44 0.00	35.07 1.73 0.00	34.68 1.99 0.00	33.62 2.02 0.00	34.80 2.15 0.00	37.43 2.25 0.00	39.60 2.59 0.00	44.41 2.87 0.00	49.23 3.26 0.00	50.88 3.59 0.00	57.38 3.95 0.00	69.35 3.62 0.00	74.19 3.26 0.00	80.82 3.03 0.00	67.05 2.14 0.00	58.75 2.26 0.00	50.89 2.42 0.00	42.05 2.15 0.00
ASTORIA_GT_10 24110	35.49 1.82 0.00	33.46 1.89 -0.01	30.12 1.73 0.00	30.07 1.68 0.00	30.21 1.63 0.00	33.60 1.26 0.00	35.04 1.51 0.00	35.14 1.80 0.00	34.68 1.99 0.00	33.59 1.99 0.00	34.86 2.22 0.00	37.46 2.29 0.00	39.60 2.59 0.00	44.45 2.91 0.00	49.28 3.31 0.00	50.93 3.64 0.00	57.44 4.01 0.00	69.49 3.75 0.00	74.26 3.33 0.00	80.90 3.11 0.00	67.11 2.21 0.00	58.86 2.37 0.00	50.99 2.52 0.00	42.01 2.11 0.00
ASTORIA_GT_11 24225	35.49 1.82 0.00	33.46 1.89 -0.01	30.12 1.73 0.00	30.07 1.68 0.00	30.21 1.63 0.00	33.60 1.26 0.00	35.04 1.51 0.00	35.14 1.80 0.00	34.68 1.99 0.00	33.59 1.99 0.00	34.86 2.22 0.00	37.46 2.29 0.00	39.60 2.59 0.00	44.45 2.91 0.00	49.28 3.31 0.00	50.93 3.64 0.00	57.44 4.01 0.00	69.49 3.75 0.00	74.26 3.33 0.00	80.90 3.11 0.00	67.11 2.21 0.00	58.86 2.37 0.00	50.99 2.52 0.00	42.01 2.11 0.00
ASTORIA_GT_12 24226	35.49 1.82 0.00	33.46 1.89 -0.01	30.12 1.73 0.00	30.07 1.68 0.00	30.21 1.63 0.00	33.60 1.26 0.00	35.04 1.51 0.00	35.14 1.80 0.00	34.68 1.99 0.00	33.59 1.99 0.00	34.86 2.22 0.00	37.46 2.29 0.00	39.60 2.59 0.00	44.45 2.91 0.00	49.28 3.31 0.00	50.93 3.64 0.00	57.44 4.01 0.00	69.49 3.75 0.00	74.26 3.33 0.00	80.90 3.11 0.00	67.11 2.21 0.00	58.86 2.37 0.00	50.99 2.52 0.00	42.01 2.11 0.00
ASTORIA_GT_13 24227	35.49 1.82 0.00	33.46 1.89 -0.01	30.12 1.73 0.00	30.07 1.68 0.00	30.21 1.63 0.00	33.60 1.26 0.00	35.04 1.51 0.00	35.14 1.80 0.00	34.68 1.99 0.00	33.59 1.99 0.00	34.86 2.22 0.00	37.46 2.29 0.00	39.60 2.59 0.00	44.45 2.91 0.00	49.28 3.31 0.00	50.93 3.64 0.00	57.44 4.01 0.00	69.49 3.75 0.00	74.26 3.33 0.00	80.90 3.11 0.00	67.11 2.21 0.00	58.86 2.37 0.00	50.99 2.52 0.00	42.01 2.11 0.00
ASTORIA_GT_5 24106	35.49 1.82 0.00	33.68 2.11 -0.01	30.29 1.90 0.00	30.21 1.82 0.00	30.32 1.74 0.00	33.66 1.33 0.00	34.97 1.44 0.00	35.07 1.73 0.00	34.68 1.99 0.00	33.62 2.02 0.00	34.80 2.15 0.00	37.43 2.25 0.00	39.60 2.59 0.00	44.41 2.87 0.00	49.23 3.26 0.00	50.88 3.59 0.00	57.38 3.95 0.00	69.35 3.62 0.00	74.19 3.26 0.00	80.82 3.03 0.00	67.05 2.14 0.00	58.75 2.26 0.00	50.89 2.42 0.00	42.05 2.15 0.00
ASTORIA_GT_7 24107	35.49 1.82 0.00	33.68 2.11 -0.01	30.29 1.90 0.00	30.21 1.82 0.00	30.32 1.74 0.00	33.66 1.33 0.00	34.97 1.44 0.00	35.07 1.73 0.00	34.68 1.99 0.00	33.62 2.02 0.00	34.80 2.15 0.00	37.43 2.25 0.00	39.60 2.59 0.00	44.41 2.87 0.00	49.23 3.26 0.00	50.88 3.59 0.00	57.38 3.95 0.00	69.35 3.62 0.00	74.19 3.26 0.00	80.82 3.03 0.00	67.05 2.14 0.00	58.75 2.26 0.00	50.89 2.42 0.00	42.05 2.15 0.00
ASTORIA_GT_8 24108	35.49 1.82 0.00	33.68 2.11 -0.01	30.29 1.90 0.00	30.21 1.82 0.00	30.32 1.74 0.00	33.66 1.33 0.00	34.97 1.44 0.00	35.07 1.73 0.00	34.68 1.99 0.00	33.62 2.02 0.00	34.80 2.15 0.00	37.43 2.25 0.00	39.60 2.59 0.00	44.41 2.87 0.00	49.23 3.26 0.00	50.88 3.59 0.00	57.38 3.95 0.00	69.35 3.62 0.00	74.19 3.26 0.00	80.82 3.03 0.00	67.05 2.14 0.00	58.75 2.26 0.00	50.89 2.42 0.00	42.05 2.15 0.00
ASTORIA___2 24149	35.39 1.72 0.00	33.61 2.05 -0.01	30.27 1.87 0.00	30.18 1.79 0.00	30.29 1.71 0.00	33.63 1.29 0.00	34.89 1.38 0.01	35.06 1.73 0.01	34.57 1.89 0.01	33.46 1.86 0.01	34.50 1.86 0.01	37.21 2.04 0.01	39.30 2.30 0.01	44.36 2.83 0.01	49.17 3.22 0.01	50.73 3.45 0.01	57.43 4.01 0.01	69.34 3.61 0.01	74.33 3.40 0.01	80.81 3.03 0.01	67.04 2.14 0.01	58.57 2.09 0.01	50.79 2.33 0.00	41.97 2.07 0.00
ASTORIA___3 23516	35.42 1.75 0.00	33.46 1.89 -0.01	30.15 1.76 0.00	30.07 1.67 0.00	30.20 1.63 0.00	33.60 1.26 0.00	35.00 1.47 0.00	35.17 1.83 0.00	34.68 1.99 0.00	33.50 1.90 0.00	34.64 1.99 0.00	37.32 2.15 0.00	39.42 2.40 0.00	44.50 2.95 0.00	49.32 3.35 0.00	50.88 3.59 0.00	57.60 4.17 0.00	69.62 3.88 0.00	74.62 3.69 0.00	81.05 3.27 0.00	67.31 2.40 0.00	58.80 2.32 0.00	50.94 2.47 0.00	42.01 2.11 0.00
ASTORIA___4 23517	35.49 1.82 0.00	33.46 1.89 -0.01	30.12 1.73 0.00	30.07 1.68 0.00	30.21 1.63 0.00	33.60 1.26 0.00	35.04 1.51 0.00	35.14 1.80 0.00	34.68 1.99 0.00	33.59 1.99 0.00	34.86 2.22 0.00	37.46 2.29 0.00	39.60 2.59 0.00	44.45 2.91 0.00	49.28 3.31 0.00	50.93 3.64 0.00	57.44 4.01 0.00	69.49 3.75 0.00	74.26 3.33 0.00	80.90 3.11 0.00	67.11 2.21 0.00	58.86 2.37 0.00	50.99 2.52 0.00	42.01 2.11 0.00
ASTORIA___5 23518	35.42 1.75 0.00	33.46 1.89 -0.01	30.15 1.76 0.00	30.07 1.67 0.00	30.20 1.63 0.00	33.60 1.26 0.00	35.00 1.47 0.00	35.17 1.83 0.00	34.68 1.99 0.00	33.50 1.90 0.00	34.64 1.99 0.00	37.32 2.15 0.00	39.42 2.40 0.00	44.50 2.95 0.00	49.32 3.35 0.00	50.88 3.59 0.00	57.60 4.17 0.00	69.62 3.88 0.00	74.62 3.69 0.00	81.05 3.27 0.00	67.31 2.40 0.00	58.80 2.32 0.00	50.94 2.47 0.00	42.01 2.11 0.00
AST_ENERGY_2_CC3 323677	35.32 1.65 0.00	33.29 1.73 0.00	30.04 1.65 0.00	29.98 1.59 0.00	30.09 1.51 0.00	33.57 1.23 0.00	35.04 1.51 0.00	35.17 1.83 0.00	34.61 1.93 0.00	33.43 1.83 0.00	34.54 1.89 0.00	37.25 2.07 0.00	39.34 2.33 0.00	44.41 2.86 0.00	49.28 3.31 0.00	50.79 3.50 0.00	57.49 4.06 0.00	69.75 4.01 0.00	74.69 3.76 0.00	81.20 3.42 0.00	67.50 2.60 0.00	58.80 2.32 0.00	50.94 2.47 0.00	41.93 2.03 0.00
AST_ENERGY_2_CC4 323678	35.32 1.65 0.00	33.29 1.73 0.00	30.04 1.65 0.00	29.98 1.59 0.00	30.09 1.51 0.00	33.57 1.23 0.00	35.04 1.51 0.00	35.17 1.83 0.00	34.61 1.93 0.00	33.43 1.83 0.00	34.54 1.89 0.00	37.25 2.07 0.00	39.34 2.33 0.00	44.41 2.86 0.00	49.28 3.31 0.00	50.79 3.50 0.00	57.49 4.06 0.00	69.75 4.01 0.00	74.69 3.76 0.00	81.20 3.42 0.00	67.50 2.60 0.00	58.80 2.32 0.00	50.94 2.47 0.00	41.93 2.03 0.00

ATHENS_STG_1 23668	34.65 0.98 0.00	32.75 1.20 0.00	29.50 1.11 0.00	29.50 1.11 0.00	29.63 1.06 0.00	33.21 0.87 0.00	34.37 0.84 0.00	34.27 0.93 0.00	33.57 0.88 0.00	32.33 0.73 0.00	33.39 0.75 0.00	36.06 0.88 0.00	38.01 1.00 0.00	42.79 1.25 0.00	47.30 1.33 0.00	48.47 1.18 0.00	54.87 1.44 0.00	67.05 1.31 0.00	71.99 1.07 0.00	78.72 0.94 0.00	65.75 0.84 0.00	57.28 0.79 0.00	49.44 0.97 0.00	40.81 0.92 0.00
ATHENS_STG_2 23670	34.65 0.98 0.00	32.75 1.20 0.00	29.50 1.11 0.00	29.50 1.11 0.00	29.63 1.06 0.00	33.21 0.87 0.00	34.37 0.84 0.00	34.27 0.93 0.00	33.57 0.88 0.00	32.33 0.73 0.00	33.39 0.75 0.00	36.06 0.88 0.00	38.01 1.00 0.00	42.79 1.25 0.00	47.30 1.33 0.00	48.47 1.18 0.00	54.87 1.44 0.00	67.05 1.31 0.00	71.99 1.07 0.00	78.72 0.94 0.00	65.75 0.84 0.00	57.28 0.79 0.00	49.44 0.97 0.00	40.81 0.92 0.00
ATHENS_STG_3 23677	34.65 0.98 0.00	32.75 1.20 0.00	29.50 1.11 0.00	29.50 1.11 0.00	29.63 1.06 0.00	33.21 0.87 0.00	34.37 0.84 0.00	34.27 0.93 0.00	33.57 0.88 0.00	32.33 0.73 0.00	33.39 0.75 0.00	36.06 0.88 0.00	38.01 1.00 0.00	42.79 1.25 0.00	47.30 1.33 0.00	48.47 1.18 0.00	54.87 1.44 0.00	67.05 1.31 0.00	71.99 1.07 0.00	78.72 0.94 0.00	65.75 0.84 0.00	57.28 0.79 0.00	49.44 0.97 0.00	40.81 0.92 0.00
AUBURN___LFGE 323710	33.50 -0.17 0.00	32.20 -0.19 -0.83	29.13 -0.20 -0.94	29.42 -0.20 -1.23	29.40 -0.17 -0.99	34.09 -0.26 -2.01	35.30 -0.20 -1.97	33.22 -0.27 -0.15	32.39 -0.29 -0.01	31.28 -0.32 0.00	32.35 -0.29 0.00	34.83 -0.35 0.00	36.60 -0.41 0.00	42.05 -0.42 -0.92	46.43 -0.32 -0.78	48.21 -0.05 -0.97	54.69 0.05 -1.21	70.46 0.99 -3.74	74.55 1.35 -2.28	83.72 1.79 -4.14	68.07 1.23 -1.93	59.05 0.85 -1.71	50.22 0.19 -1.55	40.26 0.00 -0.37
BABYLON_RES_REC 323704	36.51 2.16 -0.69	34.10 2.02 -0.53	30.62 1.93 -0.30	30.21 1.82 0.00	30.29 1.71 0.00	33.89 1.55 0.00	35.54 2.01 0.00	35.63 2.30 0.00	34.78 2.09 0.00	33.31 1.71 0.00	34.73 2.09 0.00	37.25 2.07 0.00	39.68 2.67 0.00	44.99 3.45 0.00	49.74 3.77 0.00	51.36 4.07 -0.01	56.52 3.10 0.01	68.69 2.96 0.01	73.76 2.84 0.01	80.18 2.41 0.01	66.58 1.68 0.01	58.01 1.53 0.01	51.57 3.10 0.00	42.45 2.56 0.00
BALL_HILL_WT_PWR 323825	30.54 -3.13 0.00	24.74 -2.78 4.04	21.28 -2.56 4.56	19.90 -2.50 5.99	21.20 -2.54 4.84	20.06 -2.75 9.53	21.57 -2.62 9.34	29.85 -2.93 0.55	29.69 -2.97 0.02	29.74 -1.86 0.00	30.98 -1.66 0.00	33.24 -1.93 0.00	34.46 -2.55 0.00	38.76 -2.78 0.00	42.93 -3.04 0.00	44.86 -2.41 0.01	50.62 -2.62 0.19	54.68 -2.11 8.95	64.45 -1.84 4.63	65.80 -1.94 10.04	56.41 -2.27 6.22	48.59 -2.43 5.47	41.79 -2.86 3.82	37.07 -2.79 0.03
BARON_WINDS___WT_PWR 323822	32.26 -1.41 0.00	10.03 -1.26 20.26	4.31 -1.19 22.89	-2.85 -1.17 30.07	3.18 -1.11 24.28	-6.00 -1.13 37.20	-7.01 -1.04 39.49	29.55 -1.43 2.36	30.95 -1.63 0.10	30.59 -1.01 0.00	31.73 -0.91 0.00	34.05 -1.13 0.00	35.57 -1.44 0.00	40.01 -1.54 0.00	44.40 -1.56 0.00	46.57 -0.90 -0.19	51.99 -0.80 0.64	19.90 0.13 45.97	48.47 0.85 23.31	28.49 1.47 50.77	34.28 0.98 31.60	28.64 0.34 28.18	31.88 -0.58 16.00	38.96 -0.92 0.02
BARRETT_IC_1 23704	35.49 1.82 0.00	33.29 1.73 0.00	30.07 1.67 0.00	29.95 1.56 0.00	30.03 1.46 0.00	33.60 1.26 0.00	35.17 1.64 0.00	35.30 1.97 0.00	34.35 1.67 0.00	32.93 1.33 0.00	34.31 1.66 0.00	36.87 1.69 0.00	39.16 2.15 0.00	44.37 2.83 0.00	49.32 3.35 0.00	50.84 3.55 -0.01	56.36 2.94 0.01	68.49 2.76 0.01	73.47 2.55 0.01	79.88 2.10 0.01	66.32 1.43 0.01	57.83 1.35 0.01	51.03 2.57 0.00	42.05 2.15 0.00
BARRETT_IC_10 23701	35.49 1.82 0.00	33.29 1.73 0.00	30.07 1.67 0.00	29.95 1.56 0.00	30.03 1.46 0.00	33.60 1.26 0.00	35.17 1.64 0.00	35.30 1.97 0.00	34.35 1.67 0.00	32.93 1.33 0.00	34.31 1.66 0.00	36.87 1.69 0.00	39.16 2.15 0.00	44.37 2.83 0.00	49.32 3.35 0.00	50.84 3.55 -0.01	56.36 2.94 0.01	68.49 2.76 0.01	73.47 2.55 0.01	79.88 2.10 0.01	66.32 1.43 0.01	57.83 1.35 0.01	51.03 2.57 0.00	42.05 2.15 0.00
BARRETT_IC_11 23702	35.49 1.82 0.00	33.29 1.73 0.00	30.07 1.67 0.00	29.95 1.56 0.00	30.03 1.46 0.00	33.60 1.26 0.00	35.17 1.64 0.00	35.30 1.97 0.00	34.35 1.67 0.00	32.93 1.33 0.00	34.31 1.66 0.00	36.87 1.69 0.00	39.16 2.15 0.00	44.37 2.83 0.00	49.32 3.35 0.00	50.84 3.55 -0.01	56.36 2.94 0.01	68.49 2.76 0.01	73.47 2.55 0.01	79.88 2.10 0.01	66.32 1.43 0.01	57.83 1.35 0.01	51.03 2.57 0.00	42.05 2.15 0.00
BARRETT_IC_12 23703	35.49 1.82 0.00	33.29 1.73 0.00	30.07 1.67 0.00	29.95 1.56 0.00	30.03 1.46 0.00	33.60 1.26 0.00	35.17 1.64 0.00	35.30 1.97 0.00	34.35 1.67 0.00	32.93 1.33 0.00	34.31 1.66 0.00	36.87 1.69 0.00	39.16 2.15 0.00	44.37 2.83 0.00	49.32 3.35 0.00	50.84 3.55 -0.01	56.36 2.94 0.01	68.49 2.76 0.01	73.47 2.55 0.01	79.88 2.10 0.01	66.32 1.43 0.01	57.83 1.35 0.01	51.03 2.57 0.00	42.05 2.15 0.00
BARRETT_IC_2 23705	35.49 1.82 0.00	33.29 1.73 0.00	30.07 1.67 0.00	29.95 1.56 0.00	30.03 1.46 0.00	33.60 1.26 0.00	35.17 1.64 0.00	35.30 1.97 0.00	34.35 1.67 0.00	32.93 1.33 0.00	34.31 1.66 0.00	36.87 1.69 0.00	39.16 2.15 0.00	44.37 2.83 0.00	49.32 3.35 0.00	50.84 3.55 -0.01	56.36 2.94 0.01	68.49 2.76 0.01	73.47 2.55 0.01	79.88 2.10 0.01	66.32 1.43 0.01	57.83 1.35 0.01	51.03 2.57 0.00	42.05 2.15 0.00
BARRETT_IC_3 23706	35.49 1.82 0.00	33.29 1.73 0.00	30.07 1.67 0.00	29.95 1.56 0.00	30.03 1.46 0.00	33.60 1.26 0.00	35.17 1.64 0.00	35.30 1.97 0.00	34.35 1.67 0.00	32.93 1.33 0.00	34.31 1.66 0.00	36.87 1.69 0.00	39.16 2.15 0.00	44.37 2.83 0.00	49.32 3.35 0.00	50.84 3.55 -0.01	56.36 2.94 0.01	68.49 2.76 0.01	73.47 2.55 0.01	79.88 2.10 0.01	66.32 1.43 0.01	57.83 1.35 0.01	51.03 2.57 0.00	42.05 2.15 0.00
BARRETT_IC_4 23707	35.49 1.82 0.00	33.29 1.73 0.00	30.07 1.67 0.00	29.95 1.56 0.00	30.03 1.46 0.00	33.60 1.26 0.00	35.17 1.64 0.00	35.30 1.97 0.00	34.35 1.67 0.00	32.93 1.33 0.00	34.31 1.66 0.00	36.87 1.69 0.00	39.16 2.15 0.00	44.37 2.83 0.00	49.32 3.35 0.00	50.84 3.55 -0.01	56.36 2.94 0.01	68.49 2.76 0.01	73.47 2.55 0.01	79.88 2.10 0.01	66.32 1.43 0.01	57.83 1.35 0.01	51.03 2.57 0.00	42.05 2.15 0.00
BARRETT_IC_5 23708	35.49 1.82 0.00	33.29 1.73 0.00	30.07 1.67 0.00	29.95 1.56 0.00	30.03 1.46 0.00	33.60 1.26 0.00	35.17 1.64 0.00	35.30 1.97 0.00	34.35 1.67 0.00	32.93 1.33 0.00	34.31 1.66 0.00	36.87 1.69 0.00	39.16 2.15 0.00	44.37 2.83 0.00	49.32 3.35 0.00	50.84 3.55 -0.01	56.36 2.94 0.01	68.49 2.76 0.01	73.47 2.55 0.01	79.88 2.10 0.01	66.32 1.43 0.01	57.83 1.35 0.01	51.03 2.57 0.00	42.05 2.15 0.00

BARRETT_IC_6 23709	35.49 1.82 0.00	33.29 1.73 0.00	30.07 1.67 0.00	29.95 1.56 0.00	30.03 1.46 0.00	33.60 1.26 0.00	35.17 1.64 0.00	35.30 1.97 0.00	34.35 1.67 0.00	32.93 1.33 0.00	34.31 1.66 0.00	36.87 1.69 0.00	39.16 2.15 0.00	44.37 2.83 0.00	49.32 3.35 0.00	50.84 3.55 -0.01	56.36 2.94 0.01	68.49 2.76 0.01	73.47 2.55 0.01	79.88 2.10 0.01	66.32 1.43 0.01	57.83 1.35 0.01	51.03 2.57 0.00	42.05 2.15 0.00
BARRETT_IC_7 23710	35.56 1.89 0.00	33.29 1.74 0.00	30.07 1.68 0.00	29.95 1.56 0.00	30.03 1.46 0.00	33.60 1.26 0.00	35.17 1.64 0.00	35.24 1.90 0.00	34.35 1.67 0.00	33.02 1.42 0.00	34.50 1.86 0.00	37.18 2.01 0.00	39.49 2.48 0.00	44.29 2.74 0.00	49.28 3.31 0.00	51.12 3.83 0.00	56.20 2.78 0.01	68.29 2.56 0.01	73.26 2.34 0.01	79.80 2.02 0.01	66.39 1.49 0.01	57.84 1.36 0.01	51.33 2.86 0.00	42.13 2.23 0.00
BARRETT_IC_8 23711	35.49 1.82 0.00	33.29 1.73 0.00	30.07 1.67 0.00	29.95 1.56 0.00	30.03 1.46 0.00	33.60 1.26 0.00	35.17 1.64 0.00	35.30 1.97 0.00	34.35 1.67 0.00	32.93 1.33 0.00	34.31 1.66 0.00	36.87 1.69 0.00	39.16 2.15 0.00	44.37 2.83 0.00	49.32 3.35 0.00	50.84 3.55 -0.01	56.36 2.94 0.01	68.49 2.76 0.01	73.47 2.55 0.01	79.88 2.10 0.01	66.32 1.43 0.01	57.83 1.35 0.01	51.03 2.57 0.00	42.05 2.15 0.00
BARRETT_IC_9 23700	35.49 1.82 0.00	33.29 1.73 0.00	30.07 1.67 0.00	29.95 1.56 0.00	30.03 1.46 0.00	33.60 1.26 0.00	35.17 1.64 0.00	35.30 1.97 0.00	34.35 1.67 0.00	32.93 1.33 0.00	34.31 1.66 0.00	36.87 1.69 0.00	39.16 2.15 0.00	44.37 2.83 0.00	49.32 3.35 0.00	50.84 3.55 -0.01	56.36 2.94 0.01	68.49 2.76 0.01	73.47 2.55 0.01	79.88 2.10 0.01	66.32 1.43 0.01	57.83 1.35 0.01	51.03 2.57 0.00	42.05 2.15 0.00
BARRETT___1 23545	35.49 1.82 0.00	33.29 1.73 0.00	30.07 1.67 0.00	29.95 1.56 0.00	30.03 1.46 0.00	33.60 1.26 0.00	35.17 1.64 0.00	35.30 1.97 0.00	34.35 1.67 0.00	32.93 1.33 0.00	34.31 1.66 0.00	36.87 1.69 0.00	39.16 2.15 0.00	44.37 2.83 0.00	49.32 3.35 0.00	50.84 3.55 -0.01	56.36 2.94 0.01	68.49 2.76 0.01	73.47 2.55 0.01	79.88 2.10 0.01	66.32 1.43 0.01	57.83 1.35 0.01	51.03 2.57 0.00	42.05 2.15 0.00
BARRETT___2 23546	35.49 1.82 0.00	33.29 1.73 0.00	30.07 1.67 0.00	29.95 1.56 0.00	30.03 1.46 0.00	33.60 1.26 0.00	35.17 1.64 0.00	35.30 1.97 0.00	34.35 1.67 0.00	32.93 1.33 0.00	34.31 1.66 0.00	36.87 1.69 0.00	39.16 2.15 0.00	44.37 2.83 0.00	49.32 3.35 0.00	50.84 3.55 -0.01	56.36 2.94 0.01	68.49 2.76 0.01	73.47 2.55 0.01	79.88 2.10 0.01	66.32 1.43 0.01	57.83 1.35 0.01	51.03 2.57 0.00	42.05 2.15 0.00
BATAVIA__115KV_TB1 55881	31.11 -2.56 0.00	26.81 -2.43 2.32	23.53 -2.24 2.62	22.82 -2.13 3.44	23.65 -2.14 2.78	24.49 -2.36 5.49	25.97 -2.18 5.38	30.28 -2.77 0.28	30.29 -2.39 0.01	29.45 -2.15 0.00	30.42 -2.22 0.00	32.93 -2.25 0.00	34.61 -2.41 0.00	39.01 -2.53 0.00	43.25 -2.71 0.00	45.01 -2.27 0.01	50.71 -2.62 0.10	59.36 -1.51 4.87	66.73 -0.92 3.28	69.98 -0.70 7.10	59.07 -1.43 4.40	50.70 -1.75 4.04	43.79 -2.47 2.21	37.45 -2.43 0.01
BAYONEEC___CTG1 323682	35.32 1.65 0.00	33.29 1.73 0.00	30.01 1.62 0.00	29.95 1.56 0.00	30.09 1.51 0.00	33.57 1.23 0.00	35.04 1.51 0.00	35.20 1.87 0.00	34.64 1.96 0.00	33.46 1.86 0.00	34.57 1.93 0.00	37.25 2.07 0.00	39.38 2.37 0.00	44.45 2.91 0.00	49.32 3.35 0.00	50.83 3.55 0.00	57.54 4.11 0.00	69.82 4.08 0.00	74.76 3.83 0.00	81.29 3.50 0.00	67.50 2.60 0.00	58.86 2.37 0.00	50.94 2.47 0.00	41.93 2.03 0.00
BAYONEEC___CTG10 323750	35.32 1.65 0.00	33.29 1.73 0.00	30.01 1.62 0.00	29.95 1.56 0.00	30.09 1.51 0.00	33.57 1.23 0.00	35.04 1.51 0.00	35.20 1.87 0.00	34.64 1.96 0.00	33.46 1.86 0.00	34.57 1.93 0.00	37.25 2.07 0.00	39.38 2.37 0.00	44.45 2.91 0.00	49.32 3.35 0.00	50.83 3.55 0.00	57.54 4.11 0.00	69.82 4.08 0.00	74.76 3.83 0.00	81.29 3.50 0.00	67.50 2.60 0.00	58.86 2.37 0.00	50.94 2.47 0.00	41.93 2.03 0.00
BAYONEEC___CTG2 323683	35.32 1.65 0.00	33.29 1.73 0.00	30.01 1.62 0.00	29.95 1.56 0.00	30.09 1.51 0.00	33.57 1.23 0.00	35.04 1.51 0.00	35.20 1.87 0.00	34.64 1.96 0.00	33.46 1.86 0.00	34.57 1.93 0.00	37.25 2.07 0.00	39.38 2.37 0.00	44.45 2.91 0.00	49.32 3.35 0.00	50.83 3.55 0.00	57.54 4.11 0.00	69.82 4.08 0.00	74.76 3.83 0.00	81.29 3.50 0.00	67.50 2.60 0.00	58.86 2.37 0.00	50.94 2.47 0.00	41.93 2.03 0.00
BAYONEEC___CTG3 323684	35.32 1.65 0.00	33.29 1.73 0.00	30.01 1.62 0.00	29.95 1.56 0.00	30.09 1.51 0.00	33.57 1.23 0.00	35.04 1.51 0.00	35.20 1.87 0.00	34.64 1.96 0.00	33.46 1.86 0.00	34.57 1.93 0.00	37.25 2.07 0.00	39.38 2.37 0.00	44.45 2.91 0.00	49.32 3.35 0.00	50.83 3.55 0.00	57.54 4.11 0.00	69.82 4.08 0.00	74.76 3.83 0.00	81.29 3.50 0.00	67.50 2.60 0.00	58.86 2.37 0.00	50.94 2.47 0.00	41.93 2.03 0.00
BAYONEEC___CTG4 323685	35.32 1.65 0.00	33.29 1.73 0.00	30.01 1.62 0.00	29.95 1.56 0.00	30.09 1.51 0.00	33.57 1.23 0.00	35.04 1.51 0.00	35.20 1.87 0.00	34.64 1.96 0.00	33.46 1.86 0.00	34.57 1.93 0.00	37.25 2.07 0.00	39.38 2.37 0.00	44.45 2.91 0.00	49.32 3.35 0.00	50.83 3.55 0.00	57.54 4.11 0.00	69.82 4.08 0.00	74.76 3.83 0.00	81.29 3.50 0.00	67.50 2.60 0.00	58.86 2.37 0.00	50.94 2.47 0.00	41.93 2.03 0.00
BAYONEEC___CTG5 323686	35.32 1.65 0.00	33.29 1.73 0.00	30.01 1.62 0.00	29.95 1.56 0.00	30.09 1.51 0.00	33.57 1.23 0.00	35.04 1.51 0.00	35.20 1.87 0.00	34.64 1.96 0.00	33.46 1.86 0.00	34.57 1.93 0.00	37.25 2.07 0.00	39.38 2.37 0.00	44.45 2.91 0.00	49.32 3.35 0.00	50.83 3.55 0.00	57.54 4.11 0.00	69.82 4.08 0.00	74.76 3.83 0.00	81.29 3.50 0.00	67.50 2.60 0.00	58.86 2.37 0.00	50.94 2.47 0.00	41.93 2.03 0.00
BAYONEEC___CTG6 323687	35.32 1.65 0.00	33.29 1.73 0.00	30.01 1.62 0.00	29.95 1.56 0.00	30.09 1.51 0.00	33.57 1.23 0.00	35.04 1.51 0.00	35.20 1.87 0.00	34.64 1.96 0.00	33.46 1.86 0.00	34.57 1.93 0.00	37.25 2.07 0.00	39.38 2.37 0.00	44.45 2.91 0.00	49.32 3.35 0.00	50.83 3.55 0.00	57.54 4.11 0.00	69.82 4.08 0.00	74.76 3.83 0.00	81.29 3.50 0.00	67.50 2.60 0.00	58.86 2.37 0.00	50.94 2.47 0.00	41.93 2.03 0.00
BAYONEEC___CTG7 323688	35.32 1.65 0.00	33.29 1.73 0.00	30.01 1.62 0.00	29.95 1.56 0.00	30.09 1.51 0.00	33.57 1.23 0.00	35.04 1.51 0.00	35.20 1.87 0.00	34.64 1.96 0.00	33.46 1.86 0.00	34.57 1.93 0.00	37.25 2.07 0.00	39.38 2.37 0.00	44.45 2.91 0.00	49.32 3.35 0.00	50.83 3.55 0.00	57.54 4.11 0.00	69.82 4.08 0.00	74.76 3.83 0.00	81.29 3.50 0.00	67.50 2.60 0.00	58.86 2.37 0.00	50.94 2.47 0.00	41.93 2.03 0.00

BAYONEEC___CTG8 323689	35.32 1.65 0.00	33.29 1.73 0.00	30.01 1.62 0.00	29.95 1.56 0.00	30.09 1.51 0.00	33.57 1.23 0.00	35.04 1.51 0.00	35.20 1.87 0.00	34.64 1.96 0.00	33.46 1.86 0.00	34.57 1.93 0.00	37.25 2.07 0.00	39.38 2.37 0.00	44.45 2.91 0.00	49.32 3.35 0.00	50.83 3.55 0.00	57.54 4.11 0.00	69.82 4.08 0.00	74.76 3.83 0.00	81.29 3.50 0.00	67.50 2.60 0.00	58.86 2.37 0.00	50.94 2.47 0.00	41.93 2.03 0.00
BAYONEEC___CTG9 323749	35.32 1.65 0.00	33.29 1.73 0.00	30.01 1.62 0.00	29.95 1.56 0.00	30.09 1.51 0.00	33.57 1.23 0.00	35.04 1.51 0.00	35.20 1.87 0.00	34.64 1.96 0.00	33.46 1.86 0.00	34.57 1.93 0.00	37.25 2.07 0.00	39.38 2.37 0.00	44.45 2.91 0.00	49.32 3.35 0.00	50.83 3.55 0.00	57.54 4.11 0.00	69.82 4.08 0.00	74.76 3.83 0.00	81.29 3.50 0.00	67.50 2.60 0.00	58.86 2.37 0.00	50.94 2.47 0.00	41.93 2.03 0.00
BAYPORT_69_KV_BK 2 356364	45.48 2.69 -9.12	40.98 2.43 -7.00	34.64 2.33 -3.92	30.58 2.19 0.00	30.63 2.06 0.00	34.28 1.94 0.00	35.97 2.45 0.00	36.07 2.73 0.00	35.13 2.45 0.00	33.72 2.12 0.00	35.29 2.64 0.00	38.06 2.88 0.00	40.56 3.55 0.00	45.33 3.78 0.00	50.24 4.27 0.00	52.44 5.15 0.00	56.84 3.42 0.01	68.95 3.22 0.01	74.04 3.12 0.01	80.65 2.88 0.01	66.91 2.01 0.01	58.29 1.81 0.01	52.68 4.22 0.00	43.09 3.19 0.00
BEACON___LESR 323632	34.88 1.21 0.00	32.85 1.29 0.00	29.64 1.25 0.00	29.61 1.22 0.00	29.78 1.20 0.00	33.37 1.03 0.00	34.57 1.04 0.00	34.33 1.00 0.00	33.34 0.65 0.00	31.98 0.38 0.00	32.94 0.29 0.00	35.74 0.56 0.00	37.64 0.63 0.00	42.46 0.91 0.00	47.02 1.06 0.00	48.00 0.71 0.00	54.60 1.17 0.00	66.86 1.12 0.00	71.99 1.07 0.00	78.95 1.17 0.00	66.14 1.23 0.00	57.62 1.13 0.00	49.49 1.02 0.00	40.89 1.00 0.00
BEAVER RIVER___HYD 24048	34.18 0.51 0.00	31.96 0.41 0.00	28.68 0.28 0.00	28.73 0.34 0.00	28.83 0.26 0.00	32.82 0.49 0.00	34.13 0.60 0.00	33.63 0.30 0.00	32.85 0.16 0.00	31.70 0.10 0.00	32.74 0.10 0.00	35.35 0.18 0.00	37.23 0.22 0.00	41.71 0.17 0.00	46.01 0.05 0.00	47.33 0.05 0.00	53.54 0.11 0.00	66.86 1.12 0.00	73.20 2.27 0.00	81.52 3.73 0.00	68.15 3.24 0.00	58.91 2.43 0.00	50.21 1.74 0.00	41.13 1.24 0.00
BEEBEE_GT_13 23619	32.02 -1.65 0.00	28.96 -1.96 0.64	25.88 -1.79 0.72	25.71 -1.73 0.95	26.10 -1.71 0.77	28.83 -1.94 1.56	30.15 -1.84 1.53	31.37 -1.97 0.00	31.21 -1.47 0.00	30.37 -1.23 0.00	31.40 -1.24 0.00	33.91 -1.27 0.00	35.60 -1.41 0.00	40.01 -1.54 0.00	44.36 -1.61 0.00	46.10 -1.18 0.00	51.67 -1.76 0.00	64.82 -0.92 0.00	69.36 -0.64 0.93	75.22 -0.54 2.02	62.49 -1.17 1.25	53.90 -1.47 1.12	45.80 -2.04 0.63	38.09 -1.80 0.00
BENSHRST_27_KV_BENSHRST_1 355998	35.83 2.15 -0.01	33.71 2.15 -0.01	30.35 1.96 0.00	30.27 1.87 0.00	30.38 1.80 0.00	33.76 1.42 0.00	35.20 1.68 0.00	35.30 1.97 0.00	34.84 2.16 0.00	33.78 2.18 0.00	35.06 2.42 0.00	37.75 2.57 0.00	39.93 2.92 0.00	44.87 3.32 0.00	49.78 3.82 0.00	51.49 4.21 0.00	58.14 4.70 -0.01	70.14 4.40 0.00	74.90 3.97 0.00	81.60 3.81 0.00	67.63 2.73 0.00	59.60 3.11 -0.01	51.57 3.10 0.00	42.45 2.55 -0.01
BETHLEHEM___GRP 23843	34.48 0.81 0.00	32.50 0.95 0.00	29.30 0.91 0.00	29.30 0.91 0.00	29.46 0.89 0.00	33.02 0.68 0.00	34.16 0.64 0.00	34.00 0.67 0.00	32.98 0.29 0.00	31.82 0.22 0.00	32.81 0.16 0.00	35.46 0.28 0.00	37.34 0.33 0.00	42.00 0.46 0.00	46.47 0.51 0.00	47.43 0.14 0.00	53.75 0.32 0.00	65.74 0.00 0.00	70.86 -0.07 0.00	77.47 -0.31 0.00	64.97 0.06 0.00	56.71 0.23 0.00	48.76 0.29 0.00	40.29 0.40 0.00
BETHLEHEM___GS1 323560	34.48 0.81 0.00	32.50 0.95 0.00	29.30 0.91 0.00	29.30 0.91 0.00	29.46 0.89 0.00	33.02 0.68 0.00	34.16 0.64 0.00	33.97 0.63 0.00	32.98 0.29 0.00	31.66 0.06 0.00	32.64 0.00 0.00	35.35 0.18 0.00	37.27 0.26 0.00	41.96 0.42 0.00	46.47 0.51 0.00	47.38 0.09 0.00	53.81 0.38 0.00	65.80 0.07 0.00	70.79 -0.14 0.00	77.55 -0.23 0.00	64.97 0.06 0.00	56.66 0.17 0.00	48.76 0.29 0.00	40.29 0.40 0.00
BETHLEHEM___GS2 323561	34.48 0.81 0.00	32.50 0.95 0.00	29.30 0.91 0.00	29.30 0.91 0.00	29.46 0.89 0.00	33.02 0.68 0.00	34.16 0.64 0.00	33.97 0.63 0.00	32.98 0.29 0.00	31.66 0.06 0.00	32.64 0.00 0.00	35.35 0.18 0.00	37.27 0.26 0.00	41.96 0.42 0.00	46.47 0.51 0.00	47.38 0.09 0.00	53.81 0.38 0.00	65.80 0.07 0.00	70.79 -0.14 0.00	77.55 -0.23 0.00	64.97 0.06 0.00	56.66 0.17 0.00	48.76 0.29 0.00	40.29 0.40 0.00
BETHLEHEM___GS3 323562	34.48 0.81 0.00	32.50 0.95 0.00	29.30 0.91 0.00	29.30 0.91 0.00	29.46 0.89 0.00	33.02 0.68 0.00	34.16 0.64 0.00	33.97 0.63 0.00	32.98 0.29 0.00	31.66 0.06 0.00	32.64 0.00 0.00	35.35 0.18 0.00	37.27 0.26 0.00	41.96 0.42 0.00	46.47 0.51 0.00	47.38 0.09 0.00	53.81 0.38 0.00	65.80 0.07 0.00	70.79 -0.14 0.00	77.55 -0.23 0.00	64.97 0.06 0.00	56.66 0.17 0.00	48.76 0.29 0.00	40.29 0.40 0.00
BETHLEHEM___STEEL 23779	30.44 -3.23 0.00	24.82 -2.81 3.93	21.40 -2.56 4.44	20.06 -2.50 5.83	21.32 -2.54 4.71	20.26 -2.78 9.29	21.80 -2.62 9.11	29.83 -2.97 0.54	29.69 -2.97 0.02	28.91 -2.69 0.00	29.93 -2.71 0.00	32.50 -2.67 0.00	34.16 -2.85 0.00	38.64 -2.91 0.00	42.79 -3.17 0.00	44.49 -2.79 0.01	50.41 -2.89 0.14	57.34 -2.04 6.36	64.75 -1.84 4.33	66.46 -1.94 9.38	56.69 -2.40 5.81	48.98 -2.32 5.19	41.78 -2.96 3.73	37.12 -2.75 0.03
BETHLHEM_115KV_TB1 79974	34.51 0.84 0.00	32.53 0.98 0.00	29.33 0.94 0.00	29.33 0.94 0.00	29.46 0.89 0.00	33.05 0.71 0.00	34.20 0.67 0.00	34.00 0.67 0.00	33.04 0.36 0.00	31.89 0.28 0.00	32.90 0.26 0.00	35.53 0.35 0.00	37.42 0.41 0.00	42.09 0.54 0.00	46.56 0.60 0.00	47.52 0.24 0.00	53.86 0.43 0.00	65.87 0.13 0.00	71.00 0.07 0.00	77.71 -0.08 0.00	65.10 0.19 0.00	56.77 0.28 0.00	48.86 0.39 0.00	40.37 0.48 0.00
BETHPAGE_CC_5 323564	36.14 2.12 -0.35	33.81 1.99 -0.27	30.45 1.90 -0.15	30.18 1.79 0.00	30.26 1.69 0.00	33.86 1.52 0.00	35.47 1.94 0.00	35.60 2.27 0.00	34.74 2.06 0.00	33.34 1.74 0.00	34.73 2.09 0.00	37.29 2.11 0.00	39.68 2.67 0.00	44.91 3.36 0.00	49.60 3.63 0.00	51.12 3.83 -0.01	56.36 2.94 0.01	68.49 2.76 0.01	73.47 2.55 0.01	79.87 2.10 0.01	66.39 1.49 0.01	57.78 1.30 0.01	51.28 2.81 0.00	42.37 2.47 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	30.51 -3.17 0.00	25.24 -2.59 3.73	21.79 -2.38 4.21	20.53 -2.33 5.54	21.73 -2.37 4.47	20.68 -2.55 9.10	22.22 -2.38 8.92	30.08 -2.73 0.53	29.79 -2.88 0.02	29.01 -2.59 0.00	30.03 -2.61 0.00	32.65 -2.53 0.00	34.31 -2.70 0.00	38.80 -2.74 0.00	43.02 -2.94 0.00	44.68 -2.60 0.01	50.79 -2.51 0.13	58.11 -1.51 6.12	65.40 -1.35 4.18	67.33 -1.40 9.05	57.41 -1.88 5.61	49.56 -1.92 5.01	42.20 -2.62 3.65	37.36 -2.51 0.02

BINGHAMTON___COGEN 23790	33.60 -0.07 0.00	32.26 0.09 -0.61	29.14 0.06 -0.69	29.39 0.09 -0.91	29.37 0.06 -0.74	33.78 -0.03 -1.48	34.94 -0.03 -1.45	33.24 -0.10 0.00	32.49 -0.20 0.00	31.38 -0.22 0.00	32.45 -0.20 0.00	35.00 -0.18 0.00	36.86 -0.15 0.00	41.95 -0.12 -0.53	46.38 -0.05 -0.46	48.05 0.19 -0.57	54.49 0.37 -0.68	67.63 1.05 -0.84	73.61 1.13 -1.55	82.00 1.32 -2.89	67.29 0.97 -1.41	58.49 0.73 -1.27	49.79 0.29 -1.04	40.23 0.12 -0.22
BIXINCNT_115KV_LOAD 355685	30.74 -2.93 0.00	26.90 -2.02 2.64	23.54 -1.87 2.98	22.67 -1.82 3.91	23.56 -1.86 3.16	22.08 -1.91 8.35	23.67 -1.68 8.18	30.92 -1.93 0.49	30.15 -2.52 0.02	29.36 -2.24 0.00	30.42 -2.22 0.00	33.07 -2.11 0.00	34.79 -2.22 0.00	39.34 -2.20 0.00	43.62 -2.34 0.00	45.29 -1.99 0.01	51.81 -1.50 0.12	59.88 -0.26 5.59	67.06 -0.07 3.80	69.54 0.00 8.24	59.22 -0.58 5.11	51.26 -0.68 4.55	43.57 -1.55 3.35	38.12 -1.76 0.02
BLACK RIVER___HYD 24047	34.58 0.91 0.00	32.34 0.79 0.00	29.02 0.62 0.00	29.10 0.71 0.00	29.26 0.68 0.00	33.40 1.07 0.00	34.70 1.17 0.00	34.07 0.73 0.00	33.24 0.56 0.00	31.98 0.38 0.00	33.00 0.36 0.00	35.63 0.46 0.00	37.49 0.48 0.00	42.00 0.46 0.00	46.38 0.41 0.00	47.86 0.57 0.00	54.23 0.80 0.00	68.17 2.43 0.00	74.97 4.04 0.00	83.93 6.14 0.00	70.36 5.45 0.00	60.67 4.18 0.00	51.57 3.10 0.00	42.13 2.23 0.00
BLACKRVR_115KV_TB2 79977	34.58 0.91 0.00	32.34 0.79 0.00	29.02 0.62 0.00	29.10 0.71 0.00	29.26 0.69 0.00	33.40 1.07 0.00	34.70 1.17 0.00	34.10 0.77 0.00	33.24 0.56 0.00	31.89 0.28 0.00	32.94 0.29 0.00	35.60 0.42 0.00	37.42 0.41 0.00	42.00 0.46 0.00	46.38 0.41 0.00	47.85 0.57 0.00	54.28 0.85 0.00	68.30 2.56 0.00	75.04 4.11 0.00	84.01 6.22 0.00	70.36 5.45 0.00	60.67 4.18 0.00	51.52 3.05 0.00	42.13 2.23 0.00
BLISS_WT_PWR 323608	30.81 -2.86 0.00	26.90 -2.02 2.64	23.54 -1.87 2.98	22.66 -1.82 3.91	23.56 -1.86 3.16	22.08 -1.91 8.35	23.67 -1.68 8.18	30.92 -1.93 0.49	30.11 -2.55 0.02	30.12 -1.48 0.00	31.30 -1.34 0.00	33.67 -1.51 0.00	34.94 -2.07 0.00	39.34 -2.20 0.00	43.67 -2.30 0.00	45.57 -1.70 0.01	51.83 -1.44 0.16	57.76 -0.53 7.45	66.84 -0.28 3.80	69.31 -0.23 8.24	59.15 -0.65 5.11	51.15 -0.79 4.55	43.62 -1.50 3.35	38.12 -1.75 0.02
BLUESTONE___WT_PWR 323821	34.68 1.01 0.00	33.30 1.10 -0.64	30.08 0.97 -0.72	30.36 1.02 -0.94	30.37 1.03 -0.76	34.96 1.07 -1.56	36.09 1.04 -1.53	34.27 0.93 0.00	33.44 0.75 0.00	32.20 0.60 0.00	33.26 0.62 0.00	35.78 0.60 0.00	37.60 0.59 0.00	42.61 0.71 -0.36	47.20 0.92 -0.31	48.99 1.23 -0.48	55.85 1.82 -0.61	71.39 3.16 -2.49	76.52 4.11 -1.48	85.66 5.05 -2.83	70.62 4.28 -1.44	61.16 3.39 -1.29	51.93 2.47 -0.99	41.87 1.80 -0.18
BLUE_CIRC_CHEM_DRP 24182	34.75 1.08 0.00	32.75 1.20 0.00	29.56 1.16 0.00	29.53 1.14 0.00	29.69 1.11 0.00	33.31 0.97 0.00	34.36 0.84 0.00	34.07 0.73 0.00	33.14 0.46 0.00	31.92 0.32 0.00	32.90 0.26 0.00	35.56 0.39 0.00	37.46 0.44 0.00	42.13 0.58 0.00	46.61 0.64 0.00	47.57 0.28 0.00	53.91 0.48 0.00	66.13 0.39 0.00	71.43 0.50 0.00	78.41 0.62 0.00	65.75 0.84 0.00	57.39 0.90 0.00	49.34 0.87 0.00	40.69 0.80 0.00
BOC_GAS_DRP 24189	34.44 0.77 0.00	32.47 0.92 0.00	29.27 0.88 0.00	29.27 0.88 0.00	29.43 0.86 0.00	33.02 0.68 0.00	34.16 0.64 0.00	34.00 0.67 0.00	33.21 0.52 0.00	32.07 0.47 0.00	33.10 0.46 0.00	35.71 0.53 0.00	37.60 0.59 0.00	42.25 0.71 0.00	46.75 0.78 0.00	47.81 0.52 0.00	54.12 0.69 0.00	66.20 0.46 0.00	71.28 0.35 0.00	77.94 0.16 0.00	65.30 0.39 0.00	56.94 0.45 0.00	49.00 0.53 0.00	40.45 0.56 0.00
BOONVILLE_115KV_TB1 79983	34.24 0.57 0.00	32.09 0.54 0.00	28.82 0.43 0.00	28.85 0.45 0.00	28.98 0.40 0.00	32.82 0.49 0.00	34.06 0.54 0.00	33.70 0.37 0.00	32.98 0.29 0.00	31.79 0.19 0.00	32.84 0.20 0.00	35.46 0.28 0.00	37.31 0.30 0.00	41.88 0.33 0.00	46.33 0.37 0.00	47.66 0.38 0.00	54.02 0.59 0.00	67.12 1.38 0.00	72.99 2.06 0.00	80.74 2.96 0.00	67.37 2.47 0.00	58.41 1.92 0.00	49.87 1.41 0.00	40.89 1.00 0.00
BORALEX_4TH_BRANCH 23824	35.39 1.72 0.00	33.32 1.77 0.00	30.04 1.65 0.00	30.04 1.65 0.00	30.21 1.63 0.00	33.73 1.39 0.00	35.07 1.54 0.00	34.90 1.57 0.00	33.99 1.31 0.00	32.86 1.26 0.00	33.82 1.18 0.00	36.44 1.27 0.00	38.38 1.37 0.00	43.12 1.58 0.00	47.67 1.70 0.00	48.70 1.42 0.00	55.57 2.14 0.00	67.71 1.97 0.00	73.06 2.13 0.00	79.73 1.94 0.00	67.24 2.34 0.00	58.80 2.32 0.00	50.55 2.08 0.00	41.65 1.76 0.00
BOWLINE___1 23526	35.08 1.41 0.00	33.01 1.45 0.00	29.75 1.36 0.00	29.73 1.33 0.00	29.83 1.26 0.00	33.34 1.00 0.00	34.70 1.17 0.00	34.80 1.47 0.00	34.19 1.50 0.00	32.96 1.36 0.00	34.08 1.43 0.00	36.80 1.62 0.00	38.86 1.85 0.00	43.83 2.28 0.00	48.54 2.57 0.00	49.98 2.69 0.00	56.53 3.10 0.00	68.83 3.09 0.00	73.84 2.91 0.00	80.35 2.56 0.00	66.85 1.95 0.00	58.18 1.69 0.00	50.36 1.89 0.00	41.53 1.64 0.00
BOWLINE___2 23595	35.08 1.41 0.00	33.04 1.48 0.00	29.78 1.39 0.00	29.73 1.33 0.00	29.83 1.26 0.00	33.34 1.00 0.00	34.73 1.21 0.00	34.80 1.47 0.00	34.19 1.50 0.00	32.99 1.39 0.00	34.08 1.43 0.00	36.80 1.62 0.00	38.86 1.85 0.00	43.87 2.33 0.00	48.59 2.62 0.00	50.08 2.79 0.00	56.64 3.21 0.00	68.96 3.22 0.00	73.98 3.05 0.00	80.51 2.72 0.00	66.98 2.08 0.00	58.29 1.81 0.00	50.41 1.94 0.00	41.53 1.64 0.00
BRADY___115KV_TB2 356060	33.94 0.27 0.00	31.62 0.06 0.00	28.36 -0.03 0.00	28.42 0.03 0.00	28.58 0.00 0.00	32.63 0.29 0.00	33.90 0.37 0.00	33.50 0.17 0.00	32.81 0.13 0.00	31.73 0.13 0.00	32.77 0.13 0.00	35.32 0.14 0.00	37.31 0.30 0.00	41.71 0.17 0.00	45.92 -0.05 0.00	47.14 -0.14 0.00	53.11 -0.32 0.00	65.48 -0.26 0.00	71.28 0.35 0.00	78.80 1.01 0.00	65.81 0.91 0.00	57.22 0.73 0.00	49.15 0.68 0.00	40.49 0.60 0.00
BRANSCOMB___SOLAR 323811	35.49 1.82 0.00	33.39 1.83 0.00	30.12 1.73 0.00	30.10 1.70 0.00	30.29 1.71 0.00	33.95 1.62 0.00	35.17 1.64 0.00	34.77 1.43 0.00	33.76 1.08 0.00	32.29 0.69 0.00	32.94 0.29 0.00	35.81 0.63 0.00	37.71 0.70 0.00	42.54 1.00 0.00	47.12 1.15 0.00	48.23 0.95 0.00	54.92 1.49 0.00	67.38 1.64 0.00	72.85 1.92 0.00	80.04 2.26 0.00	67.24 2.33 0.00	58.63 2.15 0.00	50.36 1.89 0.00	41.53 1.64 0.00
BRDGHMPT_69_KV_BK1 55812	46.66 2.83 -10.16	41.88 2.52 -7.80	35.12 2.36 -4.37	30.49 2.10 0.00	30.49 1.91 0.00	34.15 1.81 0.00	35.81 2.28 0.00	35.94 2.60 0.00	35.07 2.39 0.00	33.59 1.99 0.00	35.16 2.51 0.00	37.89 2.71 0.00	40.27 3.26 0.00	44.83 3.28 0.00	49.55 3.59 0.00	52.01 4.73 0.00	56.15 2.72 0.01	67.83 2.10 0.02	72.84 1.92 0.01	79.25 1.48 0.02	65.61 0.71 0.01	57.27 0.79 0.01	52.25 3.78 0.00	42.69 2.79 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	38.11 2.42 -2.02	35.28 2.18 -1.55	31.36 2.10 -0.87	30.35 1.96 0.00	30.43 1.86 0.00	34.05 1.71 0.00	35.74 2.21 0.00	35.80 2.47 0.00	34.94 2.26 0.00	33.53 1.93 0.00	35.09 2.45 0.00	37.82 2.64 0.00	40.23 3.22 0.00	45.03 3.49 0.00	49.92 3.95 0.00	52.01 4.73 0.00	56.47 3.05 0.01	68.29 2.56 0.01	73.26 2.34 0.01	79.87 2.10 0.01	66.33 1.43 0.01	58.00 1.53 0.01	52.25 3.78 0.00	42.77 2.87 0.00
BRISTLHL_115KV_TB1 79998	32.90 -0.77 0.00	30.80 -0.76 0.00	27.68 -0.71 0.00	27.71 -0.68 0.00	27.89 -0.69 0.00	32.18 -0.16 0.00	33.36 -0.17 0.00	33.17 -0.17 0.00	32.49 -0.20 0.00	31.38 -0.22 0.00	32.42 -0.23 0.00	34.90 -0.28 0.00	36.68 -0.33 0.00	41.39 -0.37 -0.22	45.88 -0.28 -0.19	47.52 0.00 -0.24	53.50 -0.21 -0.28	66.63 0.59 -0.30	72.04 0.85 -0.26	79.41 1.24 -0.38	65.83 0.84 -0.08	57.12 0.56 -0.07	48.94 0.29 -0.18	40.10 0.12 -0.09
BROOKHAVEN___DRP 24191	46.16 2.39 -10.10	41.48 2.18 -7.75	34.84 2.10 -4.34	30.35 1.96 0.00	30.41 1.83 0.00	34.02 1.68 0.00	35.67 2.15 0.00	35.77 2.43 0.00	34.84 2.16 0.00	33.43 1.83 0.00	34.96 2.32 0.00	37.68 2.50 0.00	40.08 3.07 0.00	44.66 3.12 0.00	49.37 3.40 0.00	51.64 4.35 0.00	55.77 2.35 0.01	67.43 1.71 0.02	72.41 1.49 0.01	78.94 1.17 0.02	65.48 0.58 0.01	57.21 0.73 0.01	52.10 3.64 0.00	42.69 2.79 0.00
BROOKLYN_NAVY_YARD 23515	35.29 1.62 0.00	33.26 1.70 0.00	29.98 1.59 0.00	29.92 1.53 0.00	30.03 1.46 0.00	33.53 1.20 0.00	35.04 1.51 0.00	35.20 1.87 0.00	34.64 1.96 0.00	33.50 1.90 0.00	34.54 1.89 0.00	37.25 2.07 0.00	39.34 2.33 0.00	44.45 2.91 0.00	49.28 3.31 0.00	50.83 3.55 0.00	57.54 4.11 0.00	69.82 4.08 0.00	74.76 3.83 0.00	81.29 3.50 0.00	67.50 2.60 0.00	58.80 2.32 0.00	50.99 2.52 0.00	41.93 2.03 0.00
BROOKLYN___ARMY_DRP 323595	35.70 2.02 -0.01	33.58 2.02 -0.01	30.24 1.85 0.00	30.18 1.79 0.00	30.29 1.71 0.00	33.66 1.33 0.00	35.07 1.54 0.00	35.17 1.83 0.00	34.71 2.03 0.00	33.62 2.02 0.00	34.93 2.29 0.00	37.57 2.39 0.00	39.75 2.74 0.00	44.66 3.12 0.00	49.55 3.59 0.00	51.21 3.92 0.00	57.82 4.38 -0.01	69.75 4.01 0.00	74.48 3.55 0.00	81.13 3.34 0.00	67.31 2.40 0.00	59.32 2.82 -0.01	51.33 2.86 0.00	42.30 2.39 -0.01
BROOME_2_LFGE 323671	33.60 -0.07 0.00	32.27 0.09 -0.61	29.14 0.06 -0.69	29.39 0.09 -0.91	29.37 0.06 -0.74	33.78 -0.03 -1.48	34.94 -0.03 -1.45	33.24 -0.10 0.00	32.49 -0.19 0.00	31.51 -0.09 0.00	32.61 -0.03 0.00	35.11 -0.07 0.00	36.86 -0.15 0.00	41.95 -0.12 -0.53	46.38 -0.05 -0.46	48.05 0.19 -0.57	54.57 0.43 -0.72	69.20 0.92 -2.54	73.54 1.07 -1.55	81.92 1.24 -2.89	67.23 0.91 -1.41	58.44 0.68 -1.27	49.84 0.34 -1.04	40.23 0.12 -0.22
BROOME___LFGE 323600	33.60 -0.07 0.00	32.27 0.09 -0.61	29.14 0.06 -0.69	29.39 0.09 -0.91	29.37 0.06 -0.74	33.78 -0.03 -1.48	34.94 -0.03 -1.45	33.24 -0.10 0.00	32.49 -0.19 0.00	31.51 -0.09 0.00	32.61 -0.03 0.00	35.11 -0.07 0.00	36.86 -0.15 0.00	41.95 -0.12 -0.53	46.38 -0.05 -0.46	48.05 0.19 -0.57	54.57 0.43 -0.72	69.20 0.92 -2.54	73.54 1.07 -1.55	81.92 1.24 -2.89	67.23 0.91 -1.41	58.44 0.68 -1.27	49.84 0.34 -1.04	40.23 0.12 -0.22
BROWNFLS_115KV_TB_3_5 80003	33.87 0.20 0.00	31.62 0.06 0.00	28.36 -0.03 0.00	28.42 0.03 0.00	28.52 -0.06 0.00	32.50 0.16 0.00	33.79 0.27 0.00	33.34 0.00 0.00	32.65 -0.03 0.00	31.51 -0.09 0.00	32.58 -0.07 0.00	35.14 -0.04 0.00	37.05 0.04 0.00	41.50 -0.04 0.00	45.64 -0.32 0.00	46.77 -0.52 0.00	52.74 -0.69 0.00	65.54 -0.20 0.00	71.64 0.71 0.00	79.50 1.71 0.00	66.40 1.49 0.00	57.56 1.07 0.00	49.29 0.82 0.00	40.49 0.60 0.00
BROWNSV1_27_KV_LOAD 356125	35.66 1.99 0.00	33.54 1.99 0.00	30.21 1.82 0.00	30.15 1.76 0.00	30.29 1.71 0.00	33.79 1.46 0.00	35.27 1.74 0.00	35.40 2.07 0.00	34.91 2.22 0.00	33.81 2.21 0.00	35.06 2.42 0.00	37.71 2.53 0.00	39.86 2.85 0.00	44.79 3.24 0.00	49.64 3.68 0.00	51.31 4.02 0.00	57.92 4.49 0.00	70.41 4.67 0.00	75.33 4.40 0.00	82.06 4.28 0.00	68.09 3.18 0.00	59.42 2.94 0.00	51.42 2.96 0.00	42.29 2.39 0.00
BURROWS___LYONSDAL 23803	34.21 0.54 0.00	32.03 0.47 0.00	28.76 0.37 0.00	28.79 0.40 0.00	28.92 0.34 0.00	32.76 0.42 0.00	34.06 0.54 0.00	33.67 0.33 0.00	32.91 0.23 0.00	31.76 0.16 0.00	32.77 0.13 0.00	35.42 0.25 0.00	37.27 0.26 0.00	41.84 0.29 0.00	46.24 0.28 0.00	47.57 0.28 0.00	53.91 0.48 0.00	67.05 1.31 0.00	73.06 2.13 0.00	80.90 3.11 0.00	67.50 2.60 0.00	58.46 1.98 0.00	49.87 1.41 0.00	40.89 1.00 0.00
CAITHNESS_CC_1 323624	45.93 2.22 -10.04	41.34 2.08 -7.70	34.76 2.05 -4.32	30.27 1.87 0.00	30.32 1.74 0.00	33.95 1.62 0.00	35.61 2.08 0.00	35.74 2.40 0.00	34.78 2.09 0.00	33.27 1.67 0.00	34.70 2.06 0.00	37.11 1.93 0.00	39.64 2.63 0.00	44.87 3.32 0.00	49.46 3.49 0.00	51.08 3.78 -0.01	55.88 2.46 0.01	67.63 1.91 0.02	72.62 1.70 0.01	78.94 1.17 0.02	65.55 0.65 0.01	57.16 0.68 0.01	51.57 3.10 0.00	42.45 2.56 0.00
CALPINE BETH_PAGE_GT4 24209	35.83 2.15 0.00	33.54 1.99 0.00	30.29 1.90 0.00	30.18 1.79 0.00	30.26 1.69 0.00	33.86 1.52 0.00	35.47 1.94 0.00	35.57 2.23 0.00	34.74 2.06 0.00	33.43 1.83 0.00	34.93 2.29 0.00	37.64 2.46 0.00	40.01 3.00 0.00	44.74 3.20 0.00	49.51 3.54 0.00	51.45 4.16 0.00	56.20 2.78 0.01	68.29 2.56 0.01	73.26 2.34 0.01	79.79 2.02 0.01	66.33 1.43 0.01	57.78 1.30 0.01	51.62 3.15 0.00	42.37 2.47 0.00
CALPINE_BETH_PAGE_GT_4 323586	35.76 2.09 0.00	33.54 1.99 0.00	30.29 1.90 0.00	30.18 1.79 0.00	30.26 1.69 0.00	33.86 1.52 0.00	35.47 1.94 0.00	35.60 2.27 0.00	34.74 2.06 0.00	33.34 1.74 0.00	34.73 2.09 0.00	37.29 2.11 0.00	39.68 2.67 0.00	44.87 3.32 0.00	49.60 3.63 0.00	51.12 3.83 -0.01	56.36 2.94 0.01	68.49 2.76 0.01	73.47 2.55 0.01	79.87 2.10 0.01	66.39 1.49 0.01	57.78 1.30 0.01	51.28 2.81 0.00	42.29 2.39 0.00
CALPINE_BP_GT1 23823	35.76 2.09 0.00	33.54 1.99 0.00	30.29 1.90 0.00	30.18 1.79 0.00	30.26 1.69 0.00	33.86 1.52 0.00	35.47 1.94 0.00	35.60 2.27 0.00	34.74 2.06 0.00	33.34 1.74 0.00	34.73 2.09 0.00	37.29 2.11 0.00	39.68 2.67 0.00	44.87 3.32 0.00	49.60 3.63 0.00	51.12 3.83 -0.01	56.36 2.94 0.01	68.49 2.76 0.01	73.47 2.55 0.01	79.87 2.10 0.01	66.39 1.49 0.01	57.78 1.30 0.01	51.28 2.81 0.00	42.29 2.39 0.00
CALSPAN___DRP 24200	30.44 -3.23 0.00	24.82 -2.81 3.93	21.40 -2.56 4.44	20.06 -2.50 5.83	21.32 -2.54 4.71	20.26 -2.78 9.29	21.80 -2.62 9.11	29.83 -2.97 0.54	29.69 -2.97 0.02	28.91 -2.69 0.00	29.93 -2.71 0.00	32.50 -2.67 0.00	34.16 -2.85 0.00	38.64 -2.91 0.00	42.79 -3.17 0.00	44.49 -2.79 0.01	50.41 -2.89 0.14	57.34 -2.04 6.36	64.75 -1.84 4.33	66.46 -1.94 9.38	56.69 -2.40 5.81	48.98 -2.32 5.19	41.78 -2.96 3.73	37.12 -2.75 0.03

CALVERTON___SOLAR 323806	46.22 2.43 -10.12	41.56 2.24 -7.77	34.93 2.19 -4.36	30.41 2.02 0.00	30.43 1.86 0.00	34.08 1.75 0.00	35.74 2.21 0.00	35.87 2.53 0.00	34.91 2.22 0.00	33.37 1.77 0.00	34.83 2.19 0.00	37.18 2.00 0.00	39.75 2.74 0.00	44.95 3.41 0.00	49.42 3.45 0.00	51.17 3.88 -0.01	55.93 2.51 0.01	67.69 1.97 0.02	72.70 1.77 0.01	79.09 1.32 0.02	65.55 0.65 0.01	57.27 0.79 0.01	51.81 3.34 0.00	42.64 2.75 0.00
CANDIGU_WT_PWR 323617	32.26 -1.41 0.00	10.03 -1.26 20.26	4.31 -1.19 22.89	-2.85 -1.17 30.07	3.18 -1.11 24.28	-6.00 -1.13 37.20	-7.01 -1.04 39.49	29.55 -1.43 2.36	30.95 -1.63 0.10	30.59 -1.01 0.00	31.73 -0.91 0.00	34.05 -1.13 0.00	35.57 -1.44 0.00	40.01 -1.54 0.00	44.40 -1.56 0.00	46.57 -0.90 -0.19	51.99 -0.80 0.64	19.90 0.13 45.97	48.47 0.85 23.31	28.49 1.47 50.77	34.28 0.98 31.60	28.64 0.34 28.18	31.88 -0.58 16.00	38.96 -0.92 0.02
CARR STREET_E_SYR 24060	33.17 -0.50 0.00	31.05 -0.51 0.00	27.91 -0.48 0.00	27.94 -0.46 0.00	28.12 -0.46 0.00	31.76 -0.58 0.00	32.96 -0.57 0.00	32.77 -0.57 0.00	32.16 -0.52 0.00	31.19 -0.41 0.00	32.29 -0.36 0.00	34.69 -0.49 0.00	36.38 -0.63 0.00	41.08 -0.79 -0.33	45.47 -0.78 -0.28	47.07 -0.57 -0.35	53.21 -0.64 -0.42	65.79 -0.39 -0.44	71.04 -0.28 -0.39	78.11 -0.23 -0.56	64.70 -0.32 -0.12	56.13 -0.45 -0.10	48.10 -0.63 -0.27	39.38 -0.64 -0.13
CARTHAGE___PAPER 23857	34.41 0.74 0.00	32.15 0.60 0.00	28.84 0.45 0.00	28.93 0.54 0.00	29.03 0.46 0.00	33.11 0.77 0.00	34.43 0.91 0.00	33.87 0.53 0.00	33.04 0.36 0.00	31.82 0.22 0.00	32.87 0.23 0.00	35.49 0.32 0.00	37.34 0.33 0.00	41.84 0.29 0.00	46.15 0.18 0.00	47.52 0.24 0.00	53.81 0.38 0.00	67.38 1.64 0.00	73.98 3.05 0.00	82.61 4.82 0.00	69.19 4.28 0.00	59.76 3.27 0.00	50.89 2.42 0.00	41.61 1.71 0.00
CASSADAGA_WT_PWR 323784	30.20 -3.47 0.00	25.52 -3.09 2.94	22.15 -2.92 3.32	21.19 -2.84 4.36	22.17 -2.89 3.52	20.51 -3.04 8.79	22.10 -2.82 8.61	29.82 -3.00 0.51	29.56 -3.11 0.02	29.71 -1.90 0.00	31.01 -1.63 0.00	33.49 -1.69 0.00	34.83 -2.18 0.00	39.26 -2.28 0.00	43.44 -2.53 0.00	45.33 -1.94 0.01	51.39 -1.87 0.17	56.48 -1.18 8.08	65.92 -0.85 4.16	67.76 -1.01 9.01	57.77 -1.56 5.58	49.74 -1.81 4.94	42.47 -2.47 3.52	37.28 -2.59 0.02
CE_DUNWOOD___DRP 24194	35.32 1.65 0.00	33.20 1.64 0.00	29.92 1.53 0.00	29.90 1.50 0.00	30.01 1.43 0.00	33.53 1.20 0.00	34.93 1.41 0.00	34.97 1.63 0.00	34.42 1.73 0.00	33.28 1.67 0.00	34.50 1.86 0.00	37.15 1.97 0.00	39.27 2.26 0.00	44.12 2.58 0.00	48.86 2.90 0.00	50.45 3.17 0.00	56.85 3.42 0.00	69.16 3.42 0.00	74.19 3.26 0.00	80.90 3.11 0.00	67.24 2.34 0.00	58.63 2.15 0.00	50.75 2.28 0.00	41.77 1.88 0.00
CE_MILLWOOD___DRP 24193	35.25 1.58 0.00	33.16 1.61 0.00	29.90 1.50 0.00	29.84 1.45 0.00	29.98 1.40 0.00	33.47 1.13 0.00	34.87 1.34 0.00	34.90 1.57 0.00	34.35 1.67 0.00	33.21 1.61 0.00	34.44 1.80 0.00	37.08 1.90 0.00	39.16 2.15 0.00	44.00 2.45 0.00	48.77 2.80 0.00	50.31 3.03 0.00	56.69 3.26 0.00	69.03 3.29 0.00	74.05 3.12 0.00	80.74 2.96 0.00	67.11 2.21 0.00	58.52 2.03 0.00	50.65 2.18 0.00	41.69 1.80 0.00
CE_NYC2_DRP 24202	35.49 1.82 0.00	33.46 1.89 -0.01	30.15 1.76 0.00	30.07 1.68 0.00	30.21 1.63 0.00	33.63 1.29 0.00	35.04 1.51 0.00	35.17 1.83 0.00	34.68 1.99 0.00	33.59 1.99 0.00	34.86 2.22 0.00	37.46 2.29 0.00	39.64 2.63 0.00	44.49 2.95 0.00	49.32 3.36 0.00	50.97 3.69 0.00	57.49 4.06 0.00	69.55 3.81 0.00	74.40 3.48 0.00	81.05 3.27 0.00	67.24 2.34 0.00	58.92 2.43 0.00	51.04 2.57 0.00	42.05 2.15 0.00
CE_NYC_DRP 24195	35.42 1.75 0.00	33.32 1.77 0.00	30.04 1.65 0.00	30.01 1.62 0.00	30.12 1.54 0.00	33.60 1.26 0.00	35.07 1.54 0.00	35.17 1.83 0.00	34.68 1.99 0.00	33.56 1.96 0.00	34.83 2.19 0.00	37.43 2.25 0.00	39.60 2.59 0.00	44.49 2.95 0.00	49.28 3.31 0.00	50.93 3.64 0.00	57.44 4.01 0.00	69.81 4.08 0.00	74.69 3.76 0.00	81.44 3.66 0.00	67.57 2.66 0.00	58.97 2.49 0.00	51.04 2.57 0.00	41.97 2.07 0.00
CHAFFEE___LFGE 323603	30.57 -3.10 0.00	25.63 -2.65 3.28	22.28 -2.41 3.70	21.15 -2.38 4.86	22.25 -2.40 3.92	20.96 -2.56 8.83	22.50 -2.38 8.65	30.09 -2.73 0.51	29.82 -2.84 0.02	29.86 -1.74 0.00	31.08 -1.57 0.00	33.31 -1.87 0.00	34.57 -2.44 0.00	38.89 -2.66 0.00	43.12 -2.85 0.00	45.05 -2.22 0.01	50.91 -2.35 0.17	56.03 -1.71 8.00	65.50 -1.35 4.08	67.54 -1.40 8.85	57.61 -1.82 5.48	49.62 -1.98 4.89	42.41 -2.52 3.54	37.36 -2.51 0.02
CHATEAUG_35_KV_LOAD 355732	33.74 0.07 0.00	31.46 -0.09 0.00	28.22 -0.17 0.00	28.25 -0.14 0.00	28.43 -0.14 0.00	32.37 0.03 0.00	33.66 0.13 0.00	33.40 0.07 0.00	32.75 0.07 0.00	31.70 0.09 0.00	32.74 0.10 0.00	35.28 0.11 0.00	37.20 0.19 0.00	41.63 0.08 0.00	46.01 0.05 0.00	47.29 0.00 0.00	53.38 -0.05 0.00	65.74 0.00 0.00	71.28 0.35 0.00	78.48 0.70 0.00	65.43 0.52 0.00	56.94 0.45 0.00	48.81 0.34 0.00	40.17 0.28 0.00
CHATEAUG_WT_PWR 323614	33.67 0.00 0.00	31.40 -0.16 0.00	28.19 -0.20 0.00	28.19 -0.20 0.00	28.38 -0.20 0.00	32.34 0.00 0.00	33.63 0.10 0.00	33.40 0.07 0.00	32.78 0.10 0.00	31.73 0.13 0.00	32.81 0.16 0.00	35.35 0.18 0.00	37.27 0.26 0.00	41.75 0.21 0.00	46.10 0.14 0.00	47.38 0.09 0.00	53.27 -0.16 0.00	65.74 0.00 0.00	71.14 0.21 0.00	78.25 0.47 0.00	65.23 0.33 0.00	56.89 0.40 0.00	48.71 0.24 0.00	40.09 0.20 0.00
CHAT_HIGH_FALL_HYD 323578	33.74 0.07 0.00	31.46 -0.09 0.00	28.22 -0.17 0.00	28.25 -0.14 0.00	28.43 -0.14 0.00	32.37 0.03 0.00	33.66 0.13 0.00	33.40 0.07 0.00	32.75 0.07 0.00	31.70 0.09 0.00	32.74 0.10 0.00	35.28 0.11 0.00	37.20 0.19 0.00	41.63 0.08 0.00	46.01 0.05 0.00	47.29 0.00 0.00	53.38 -0.05 0.00	65.74 0.00 0.00	71.28 0.35 0.00	78.48 0.70 0.00	65.43 0.52 0.00	56.94 0.45 0.00	48.81 0.34 0.00	40.17 0.28 0.00
CHAUTAUQUA___LFGE 323629	30.50 -3.17 0.00	25.13 -2.87 3.55	21.71 -2.67 4.01	20.51 -2.61 5.27	21.69 -2.63 4.26	20.39 -2.81 9.13	21.93 -2.65 8.95	29.90 -2.90 0.53	29.75 -2.91 0.02	29.83 -1.77 0.00	31.11 -1.53 0.00	33.42 -1.76 0.00	34.72 -2.29 0.00	39.05 -2.49 0.00	43.30 -2.67 0.00	45.19 -2.08 0.01	51.01 -2.24 0.18	55.68 -1.58 8.48	65.29 -1.27 4.37	66.92 -1.40 9.47	57.22 -1.82 5.87	49.22 -2.09 5.18	42.14 -2.67 3.66	37.23 -2.63 0.02
CHERRYST_13_KV_LD 356241	35.49 1.82 0.00	33.42 1.86 0.00	30.12 1.73 0.00	30.07 1.68 0.00	30.18 1.60 0.00	33.66 1.33 0.00	35.17 1.64 0.00	35.27 1.93 0.00	34.81 2.12 0.00	33.69 2.09 0.00	34.96 2.32 0.00	37.57 2.39 0.00	39.75 2.74 0.00	44.66 3.12 0.00	49.51 3.54 0.00	51.12 3.83 0.00	57.70 4.27 0.00	70.08 4.34 0.00	74.97 4.04 0.00	81.67 3.89 0.00	67.76 2.86 0.00	59.14 2.65 0.00	51.18 2.71 0.00	42.09 2.19 0.00

CHESTROR_138KV_BK263 355645	35.19 1.52 0.00	33.07 1.51 0.00	29.81 1.42 0.00	29.75 1.36 0.00	29.86 1.29 0.00	33.40 1.07 0.00	34.73 1.21 0.00	34.70 1.37 0.00	34.12 1.44 0.00	32.93 1.33 0.00	34.15 1.50 0.00	36.76 1.58 0.00	38.82 1.81 0.00	43.66 2.12 0.00	48.45 2.48 0.00	50.03 2.74 0.00	56.48 3.05 0.00	69.03 3.29 0.00	74.12 3.19 0.00	80.97 3.19 0.00	67.37 2.47 0.00	58.63 2.15 0.00	50.60 2.13 0.00	41.65 1.76 0.00
CH_MIDHUDSON___DRP 24192	35.25 1.58 0.00	33.16 1.61 0.00	29.92 1.53 0.00	29.87 1.48 0.00	29.98 1.40 0.00	33.50 1.16 0.00	34.83 1.31 0.00	34.84 1.50 0.00	34.25 1.57 0.00	33.05 1.45 0.00	34.24 1.60 0.00	36.87 1.69 0.00	38.94 1.92 0.00	43.79 2.24 0.00	48.59 2.62 0.00	50.12 2.84 0.00	56.58 3.15 0.00	69.03 3.29 0.00	74.12 3.19 0.00	80.97 3.19 0.00	67.37 2.47 0.00	58.69 2.20 0.00	50.70 2.23 0.00	41.73 1.84 0.00
CH_MISC_IPPS 23765	35.35 1.68 0.00	33.29 1.73 0.00	30.01 1.62 0.00	29.95 1.56 0.00	30.06 1.49 0.00	33.60 1.26 0.00	34.93 1.41 0.00	34.94 1.60 0.00	34.32 1.63 0.00	32.99 1.39 0.00	34.11 1.47 0.00	36.80 1.62 0.00	38.86 1.85 0.00	43.95 2.41 0.00	48.86 2.90 0.00	50.41 3.12 0.00	57.11 3.68 0.00	69.75 4.01 0.00	74.90 3.97 0.00	81.67 3.89 0.00	67.96 3.05 0.00	59.09 2.60 0.00	50.94 2.47 0.00	41.93 2.03 0.00
CH_RES_BVR_FALLS 23983	33.57 -0.10 0.00	31.43 -0.13 0.00	28.25 -0.14 0.00	28.22 -0.17 0.00	28.41 -0.17 0.00	32.21 -0.13 0.00	33.43 -0.10 0.00	33.24 -0.10 0.00	32.62 -0.07 0.00	31.57 -0.03 0.00	32.61 -0.03 0.00	35.14 -0.04 0.00	37.01 0.00 0.00	41.50 -0.04 0.00	45.87 -0.09 0.00	47.19 -0.09 0.00	53.27 -0.16 0.00	65.61 -0.13 0.00	70.86 -0.07 0.00	77.71 -0.08 0.00	64.84 -0.06 0.00	56.43 -0.06 0.00	48.37 -0.10 0.00	39.81 -0.08 0.00
CH_RES_NIAGARA 23895	29.76 -3.91 0.00	24.67 -3.76 3.13	21.45 -3.41 3.54	20.39 -3.35 4.65	21.42 -3.40 3.75	21.29 -3.82 7.23	22.75 -3.69 7.09	28.86 -4.07 0.41	28.81 -3.86 0.02	28.09 -3.51 0.00	29.02 -3.62 0.00	31.38 -3.80 0.00	32.94 -4.07 0.00	37.14 -4.40 0.00	41.14 -4.83 0.00	42.69 -4.59 0.01	47.75 -5.56 0.13	54.52 -5.39 5.83	60.68 -5.60 4.65	61.60 -6.07 10.12	52.81 -5.84 6.26	46.43 -5.37 4.69	40.19 -5.38 2.90	35.41 -4.47 0.02
CH_RES_SYRACUSE 23985	33.40 -0.27 0.00	31.24 -0.32 0.00	28.11 -0.28 0.00	28.11 -0.28 0.00	28.29 -0.29 0.00	32.08 -0.26 0.00	33.26 -0.27 0.00	33.07 -0.27 0.00	32.46 -0.23 0.00	31.44 -0.16 0.00	32.51 -0.13 0.00	34.93 -0.24 0.00	36.68 -0.33 0.00	41.94 -0.42 -0.81	46.29 -0.37 -0.70	48.06 -0.09 -0.86	54.35 -0.11 -1.03	67.16 0.33 -1.09	72.45 0.56 -0.96	79.94 0.78 -1.38	65.71 0.52 -0.29	57.02 0.28 -0.25	49.08 -0.05 -0.66	40.06 -0.16 -0.32
CLINTON_WT_PWR 323605	33.67 0.00 0.00	31.40 -0.16 0.00	28.19 -0.20 0.00	28.19 -0.20 0.00	28.38 -0.20 0.00	32.34 0.00 0.00	33.63 0.10 0.00	33.40 0.07 0.00	32.78 0.10 0.00	31.73 0.13 0.00	32.81 0.16 0.00	35.35 0.18 0.00	37.27 0.26 0.00	41.75 0.21 0.00	46.10 0.14 0.00	47.38 0.09 0.00	53.27 -0.16 0.00	65.74 0.00 0.00	71.14 0.21 0.00	78.25 0.47 0.00	65.23 0.33 0.00	56.89 0.40 0.00	48.71 0.24 0.00	40.09 0.20 0.00
CLINTON___LFGE 323618	34.21 0.54 0.00	31.87 0.32 0.00	28.53 0.14 0.00	28.56 0.17 0.00	28.72 0.14 0.00	32.76 0.42 0.00	34.10 0.57 0.00	33.77 0.43 0.00	33.14 0.46 0.00	32.08 0.47 0.00	33.13 0.49 0.00	35.67 0.49 0.00	37.68 0.67 0.00	42.13 0.58 0.00	46.52 0.55 0.00	47.90 0.61 0.00	53.91 0.48 0.00	66.92 1.18 0.00	72.77 1.84 0.00	80.20 2.41 0.00	66.72 1.81 0.00	58.07 1.58 0.00	49.58 1.12 0.00	40.77 0.88 0.00
COBBLENY_34_KV_TB1 80064	30.47 -3.20 0.00	25.63 -2.65 3.28	22.25 -2.44 3.70	21.15 -2.38 4.86	22.22 -2.43 3.92	20.96 -2.55 8.83	22.50 -2.38 8.65	30.09 -2.73 0.51	29.82 -2.84 0.02	29.04 -2.56 0.00	30.06 -2.58 0.00	32.68 -2.50 0.00	34.38 -2.63 0.00	38.89 -2.66 0.00	43.12 -2.85 0.00	44.77 -2.51 0.01	50.84 -2.46 0.13	58.28 -1.45 6.01	65.64 -1.21 4.08	67.69 -1.24 8.85	57.61 -1.82 5.48	49.74 -1.86 4.89	42.31 -2.62 3.54	37.36 -2.51 0.02
COFFEEN___115KV_TB3 355620	34.68 1.01 0.00	32.44 0.88 0.00	29.10 0.71 0.00	29.22 0.82 0.00	29.38 0.80 0.00	33.57 1.23 0.00	34.83 1.31 0.00	34.20 0.87 0.00	33.34 0.65 0.00	31.95 0.35 0.00	33.00 0.36 0.00	35.67 0.49 0.00	37.53 0.52 0.00	42.09 0.54 0.00	46.47 0.51 0.00	47.95 0.66 0.00	54.39 0.96 0.00	68.57 2.83 0.00	75.40 4.47 0.00	84.55 6.77 0.00	70.88 5.97 0.00	61.12 4.63 0.00	51.86 3.39 0.00	42.37 2.47 0.00
COLDSPRG_115KV_BK1 355956	30.71 -2.96 0.00	27.43 -2.15 1.98	24.14 -2.02 2.23	23.50 -1.96 2.93	24.21 -2.00 2.37	22.12 -1.97 8.24	23.74 -1.71 8.08	30.96 -1.90 0.48	30.18 -2.48 0.02	29.48 -2.12 0.00	30.62 -2.02 0.00	33.42 -1.76 0.00	35.16 -1.85 0.00	39.80 -1.74 0.00	44.13 -1.84 0.00	45.76 -1.51 0.01	52.40 -0.91 0.12	60.56 0.46 5.64	67.89 0.78 3.82	70.36 0.86 8.28	59.84 0.06 5.13	51.77 -0.17 4.55	43.90 -1.26 3.31	38.32 -1.56 0.02
COLONIE_LFGE___ 323577	35.05 1.38 0.00	33.01 1.45 0.00	29.78 1.39 0.00	29.75 1.36 0.00	29.92 1.34 0.00	33.50 1.16 0.00	34.73 1.21 0.00	34.50 1.17 0.00	33.60 0.91 0.00	32.27 0.66 0.00	33.16 0.52 0.00	35.95 0.77 0.00	37.86 0.85 0.00	42.67 1.12 0.00	47.16 1.19 0.00	48.28 0.99 0.00	54.98 1.55 0.00	67.25 1.51 0.00	72.49 1.56 0.00	79.42 1.64 0.00	66.59 1.68 0.00	58.13 1.64 0.00	49.97 1.50 0.00	41.21 1.31 0.00
COOPERNY_115KV_TB1 80082	34.34 0.67 0.00	32.34 0.79 0.00	29.10 0.71 0.00	29.10 0.71 0.00	29.23 0.66 0.00	32.85 0.52 0.00	34.06 0.54 0.00	34.04 0.70 0.00	33.40 0.72 0.00	32.30 0.70 0.00	33.43 0.78 0.00	35.95 0.77 0.00	37.90 0.89 0.00	42.54 1.00 0.00	47.12 1.15 0.00	48.56 1.28 0.00	54.87 1.44 0.00	67.25 1.51 0.00	72.35 1.42 0.00	79.18 1.40 0.00	65.94 1.04 0.00	57.45 0.96 0.00	49.44 0.97 0.00	40.73 0.84 0.00
COPENHAGEN_WT_PWR 323753	34.41 0.74 0.00	32.19 0.63 0.00	28.87 0.48 0.00	28.99 0.60 0.00	29.15 0.57 0.00	33.28 0.94 0.00	34.57 1.04 0.00	33.97 0.63 0.00	33.14 0.46 0.00	31.92 0.32 0.00	32.97 0.33 0.00	35.57 0.39 0.00	37.38 0.37 0.00	41.88 0.33 0.00	46.29 0.32 0.00	47.81 0.52 0.00	54.12 0.69 0.00	67.90 2.17 0.00	74.62 3.69 0.00	83.39 5.60 0.00	69.84 4.93 0.00	60.27 3.79 0.00	51.28 2.81 0.00	41.89 1.99 0.00
CORNELL_____ 23752	34.04 0.37 0.00	33.56 0.38 -1.63	30.54 0.31 -1.84	31.15 0.34 -2.42	30.87 0.34 -1.95	36.72 0.29 -4.09	37.83 0.30 -4.01	33.68 0.20 -0.14	32.72 0.03 -0.01	31.51 -0.09 0.00	32.51 -0.13 0.00	35.04 -0.15 0.00	36.86 -0.15 0.00	42.08 -0.12 -0.66	46.53 0.00 -0.57	48.32 0.33 -0.71	54.96 0.64 -0.89	70.97 1.84 -3.39	76.59 2.41 -3.25	87.29 3.03 -6.47	70.78 2.34 -3.54	61.52 1.86 -3.17	51.72 1.07 -2.18	40.89 0.72 -0.27

CORONA V_69_KV_TB1 355595	35.66 1.99 0.00	33.42 1.86 0.00	30.18 1.79 0.00	30.07 1.68 0.00	30.15 1.57 0.00	33.73 1.39 0.00	35.27 1.74 0.00	35.37 2.03 0.00	34.58 1.90 0.00	33.28 1.67 0.00	34.77 2.12 0.00	37.43 2.25 0.00	39.75 2.74 0.00	44.58 3.03 0.00	49.51 3.54 0.00	51.35 4.07 0.00	56.79 3.37 0.01	69.15 3.42 0.01	74.12 3.19 0.01	80.81 3.03 0.01	67.17 2.27 0.01	58.51 2.03 0.01	51.57 3.10 0.00	42.29 2.39 0.00
CORTLAND_115KV_TB3 80093	33.77 0.10 0.00	32.29 0.16 -0.58	29.16 0.11 -0.65	29.39 0.14 -0.86	29.38 0.11 -0.69	33.84 0.06 -1.44	35.00 0.07 -1.41	33.34 0.00 0.00	32.59 -0.10 0.00	31.44 -0.16 0.00	32.48 -0.16 0.00	35.00 -0.18 0.00	36.79 -0.22 0.00	41.98 -0.17 -0.60	46.34 -0.14 -0.51	48.02 0.09 -0.64	54.46 0.27 -0.76	67.65 1.05 -0.86	73.86 1.35 -1.58	82.40 1.71 -2.91	67.59 1.30 -1.38	58.74 1.02 -1.23	50.02 0.48 -1.07	40.42 0.28 -0.24
COXSACKIE__GT 23611	35.66 1.99 0.00	33.58 2.02 0.00	30.27 1.87 0.00	30.27 1.87 0.00	30.38 1.80 0.00	34.05 1.71 0.00	35.10 1.58 0.00	34.60 1.27 0.00	33.53 0.85 0.00	31.95 0.35 0.00	32.87 0.23 0.00	35.60 0.42 0.00	37.49 0.48 0.00	42.42 0.87 0.00	47.21 1.24 0.00	48.28 0.99 0.00	55.14 1.71 0.00	68.10 2.36 0.00	73.91 2.98 0.00	81.52 3.73 0.00	68.54 3.63 0.00	59.48 2.99 0.00	50.79 2.33 0.00	41.85 1.95 0.00
CPV_VALLEY__CC1 323721	34.65 0.98 0.00	32.63 1.07 0.00	29.41 1.02 0.00	29.36 0.97 0.00	29.49 0.91 0.00	33.02 0.68 0.00	34.33 0.80 0.00	34.33 1.00 0.00	33.73 1.05 0.00	32.52 0.92 0.00	33.59 0.95 0.00	36.27 1.09 0.00	38.27 1.26 0.00	43.12 1.58 0.00	47.81 1.84 0.00	49.23 1.94 0.00	55.67 2.24 0.00	67.98 2.24 0.00	72.99 2.06 0.00	79.65 1.86 0.00	66.33 1.43 0.00	57.68 1.19 0.00	49.82 1.36 0.00	41.01 1.12 0.00
CPV_VALLEY__CC2 323722	34.65 0.98 0.00	32.63 1.07 0.00	29.41 1.02 0.00	29.36 0.97 0.00	29.49 0.91 0.00	33.02 0.68 0.00	34.33 0.80 0.00	34.33 1.00 0.00	33.73 1.05 0.00	32.52 0.92 0.00	33.59 0.95 0.00	36.27 1.09 0.00	38.27 1.26 0.00	43.12 1.58 0.00	47.81 1.84 0.00	49.23 1.94 0.00	55.67 2.24 0.00	67.98 2.24 0.00	72.99 2.06 0.00	79.65 1.86 0.00	66.33 1.43 0.00	57.68 1.19 0.00	49.82 1.36 0.00	41.01 1.12 0.00
CRESCENT__HYD 24018	35.05 1.38 0.00	33.01 1.45 0.00	29.78 1.39 0.00	29.75 1.36 0.00	29.92 1.34 0.00	33.50 1.16 0.00	34.73 1.21 0.00	34.50 1.17 0.00	33.60 0.91 0.00	32.27 0.66 0.00	33.16 0.52 0.00	35.95 0.77 0.00	37.86 0.85 0.00	42.67 1.12 0.00	47.16 1.19 0.00	48.28 0.99 0.00	54.98 1.55 0.00	67.25 1.51 0.00	72.49 1.56 0.00	79.42 1.64 0.00	66.59 1.68 0.00	58.13 1.64 0.00	49.97 1.50 0.00	41.21 1.31 0.00
CRICKET__VALLEY_CC1 323756	34.92 1.25 0.00	32.88 1.33 0.00	29.70 1.31 0.00	29.64 1.25 0.00	29.78 1.20 0.00	33.21 0.87 0.00	34.57 1.04 0.00	34.60 1.27 0.00	33.96 1.27 0.00	32.71 1.11 0.00	33.79 1.14 0.00	36.48 1.30 0.00	38.53 1.52 0.00	43.50 1.95 0.00	48.17 2.21 0.00	49.56 2.27 0.00	56.10 2.67 0.00	68.30 2.56 0.00	73.20 2.27 0.00	79.73 1.95 0.00	66.46 1.56 0.00	57.90 1.41 0.00	50.12 1.65 0.00	41.29 1.40 0.00
CRICKET__VALLEY_CC2 323757	34.92 1.25 0.00	32.88 1.33 0.00	29.70 1.31 0.00	29.64 1.25 0.00	29.78 1.20 0.00	33.21 0.87 0.00	34.57 1.04 0.00	34.60 1.27 0.00	33.96 1.27 0.00	32.71 1.11 0.00	33.79 1.14 0.00	36.48 1.30 0.00	38.53 1.52 0.00	43.50 1.95 0.00	48.17 2.21 0.00	49.56 2.27 0.00	56.10 2.67 0.00	68.30 2.56 0.00	73.20 2.27 0.00	79.73 1.95 0.00	66.46 1.56 0.00	57.90 1.41 0.00	50.12 1.65 0.00	41.29 1.40 0.00
CRICKET__VALLEY_CC3 323758	34.92 1.25 0.00	32.88 1.33 0.00	29.70 1.31 0.00	29.64 1.25 0.00	29.78 1.20 0.00	33.21 0.87 0.00	34.57 1.04 0.00	34.60 1.27 0.00	33.96 1.27 0.00	32.71 1.11 0.00	33.79 1.14 0.00	36.48 1.30 0.00	38.53 1.52 0.00	43.50 1.95 0.00	48.17 2.21 0.00	49.56 2.27 0.00	56.10 2.67 0.00	68.30 2.56 0.00	73.20 2.27 0.00	79.73 1.95 0.00	66.46 1.56 0.00	57.90 1.41 0.00	50.12 1.65 0.00	41.29 1.40 0.00
CRUCIBLE_METL_DRP 24180	33.37 -0.30 0.00	31.24 -0.32 0.00	28.11 -0.28 0.00	28.11 -0.28 0.00	28.29 -0.29 0.00	32.08 -0.26 0.00	33.26 -0.27 0.00	33.07 -0.27 0.00	32.42 -0.26 0.00	31.32 -0.28 0.00	32.38 -0.26 0.00	34.86 -0.32 0.00	36.60 -0.41 0.00	41.94 -0.42 -0.81	46.30 -0.37 -0.70	48.01 -0.14 -0.86	54.30 -0.16 -1.03	67.36 0.53 -1.09	72.53 0.64 -0.96	80.02 0.86 -1.38	65.71 0.52 -0.29	57.07 0.34 -0.25	49.08 -0.05 -0.66	40.10 -0.12 -0.32
DAHOWA__HYDRO 323763	35.66 1.99 0.00	33.54 1.99 0.00	30.27 1.87 0.00	30.24 1.84 0.00	30.46 1.89 0.00	34.15 1.81 0.00	35.34 1.81 0.00	34.90 1.57 0.00	33.89 1.21 0.00	32.42 0.82 0.00	32.94 0.29 0.00	35.88 0.70 0.00	37.79 0.78 0.00	42.62 1.08 0.00	47.21 1.24 0.00	48.33 1.04 0.00	55.03 1.60 0.00	67.58 1.84 0.00	73.06 2.13 0.00	80.35 2.56 0.00	67.43 2.53 0.00	58.80 2.32 0.00	50.50 2.04 0.00	41.65 1.75 0.00
DANC__LFGE 323619	33.87 0.20 0.00	31.68 0.13 0.00	28.45 0.06 0.00	28.51 0.11 0.00	28.69 0.11 0.00	32.82 0.49 0.00	34.06 0.53 0.00	33.63 0.30 0.00	32.88 0.20 0.00	31.73 0.13 0.00	32.77 0.13 0.00	35.32 0.14 0.00	37.09 0.07 0.00	41.55 0.00 0.00	45.97 0.00 0.00	47.52 0.24 0.00	53.70 0.27 0.00	67.12 1.38 0.00	73.34 2.41 0.00	81.52 3.73 0.00	68.15 3.24 0.00	58.91 2.43 0.00	50.26 1.79 0.00	41.13 1.24 0.00
DANSKAMMER__1 23586	35.35 1.68 0.00	33.29 1.73 0.00	30.01 1.62 0.00	29.95 1.56 0.00	30.06 1.49 0.00	33.60 1.26 0.00	34.93 1.41 0.00	34.94 1.60 0.00	34.32 1.63 0.00	32.99 1.39 0.00	34.11 1.47 0.00	36.80 1.62 0.00	38.86 1.85 0.00	43.95 2.41 0.00	48.86 2.90 0.00	50.41 3.12 0.00	57.11 3.68 0.00	69.75 4.01 0.00	74.90 3.97 0.00	81.67 3.89 0.00	67.96 3.05 0.00	59.09 2.60 0.00	50.94 2.47 0.00	41.93 2.03 0.00
DANSKAMMER__2 23589	35.35 1.68 0.00	33.29 1.73 0.00	30.01 1.62 0.00	29.95 1.56 0.00	30.06 1.49 0.00	33.60 1.26 0.00	34.93 1.41 0.00	34.94 1.60 0.00	34.32 1.63 0.00	32.99 1.39 0.00	34.11 1.47 0.00	36.80 1.62 0.00	38.86 1.85 0.00	43.95 2.41 0.00	48.86 2.90 0.00	50.41 3.12 0.00	57.11 3.68 0.00	69.75 4.01 0.00	74.90 3.97 0.00	81.67 3.89 0.00	67.96 3.05 0.00	59.09 2.60 0.00	50.94 2.47 0.00	41.93 2.03 0.00
DANSKAMMER__3 23590	35.35 1.68 0.00	33.29 1.73 0.00	30.01 1.62 0.00	29.95 1.56 0.00	30.06 1.49 0.00	33.60 1.26 0.00	34.93 1.41 0.00	34.94 1.60 0.00	34.32 1.63 0.00	32.99 1.39 0.00	34.11 1.47 0.00	36.80 1.62 0.00	38.86 1.85 0.00	43.95 2.41 0.00	48.86 2.90 0.00	50.41 3.12 0.00	57.11 3.68 0.00	69.75 4.01 0.00	74.90 3.97 0.00	81.67 3.89 0.00	67.96 3.05 0.00	59.09 2.60 0.00	50.94 2.47 0.00	41.93 2.03 0.00

DANSKAMMER___4 23591	35.35 1.68 0.00	33.29 1.73 0.00	30.01 1.62 0.00	29.95 1.56 0.00	30.06 1.49 0.00	33.60 1.26 0.00	34.93 1.41 0.00	34.94 1.60 0.00	34.32 1.63 0.00	32.99 1.39 0.00	34.11 1.47 0.00	36.80 1.62 0.00	38.86 1.85 0.00	43.95 2.41 0.00	48.86 2.90 0.00	50.41 3.12 0.00	57.11 3.68 0.00	69.75 4.01 0.00	74.90 3.97 0.00	81.67 3.89 0.00	67.96 3.05 0.00	59.09 2.60 0.00	50.94 2.47 0.00	41.93 2.03 0.00
DANSKAMMER___DIESEL 23592	35.39 1.72 0.00	33.29 1.74 0.00	30.01 1.62 0.00	29.95 1.56 0.00	30.06 1.49 0.00	33.60 1.26 0.00	34.93 1.41 0.00	34.90 1.57 0.00	34.32 1.63 0.00	33.09 1.49 0.00	34.31 1.66 0.00	36.94 1.76 0.00	39.01 2.00 0.00	43.91 2.37 0.00	48.77 2.80 0.00	50.41 3.12 0.00	56.96 3.53 0.00	69.55 3.81 0.00	74.69 3.76 0.00	81.60 3.81 0.00	67.89 2.99 0.00	59.09 2.60 0.00	50.94 2.47 0.00	41.93 2.03 0.00
DARBY___SOLAR 323810	35.49 1.82 0.00	33.42 1.86 0.00	30.15 1.76 0.00	30.12 1.73 0.00	30.32 1.74 0.00	33.99 1.65 0.00	35.17 1.64 0.00	34.80 1.47 0.00	33.79 1.11 0.00	32.33 0.73 0.00	32.90 0.26 0.00	35.81 0.63 0.00	37.71 0.70 0.00	42.50 0.96 0.00	47.07 1.10 0.00	48.23 0.95 0.00	54.92 1.49 0.00	67.45 1.71 0.00	72.91 1.98 0.00	80.12 2.33 0.00	67.24 2.33 0.00	58.58 2.09 0.00	50.36 1.89 0.00	41.53 1.64 0.00
DASHVILLE___HYD 23610	35.39 1.72 0.00	33.26 1.70 0.00	29.98 1.59 0.00	29.92 1.53 0.00	30.03 1.46 0.00	33.50 1.16 0.00	34.80 1.27 0.00	34.84 1.50 0.00	34.28 1.60 0.00	33.02 1.42 0.00	34.28 1.63 0.00	36.83 1.65 0.00	38.94 1.92 0.00	43.83 2.28 0.00	48.68 2.71 0.00	50.41 3.12 0.00	56.90 3.47 0.00	69.49 3.75 0.00	74.62 3.69 0.00	81.52 3.73 0.00	67.76 2.86 0.00	58.97 2.49 0.00	50.94 2.47 0.00	41.93 2.03 0.00
DELAWARE___LFGE 323621	34.38 0.71 0.00	32.47 0.92 0.00	29.24 0.85 0.00	29.24 0.85 0.00	29.41 0.83 0.00	33.09 0.74 -0.01	34.18 0.64 -0.01	33.87 0.53 0.00	33.17 0.49 0.00	31.98 0.38 0.00	33.07 0.42 0.00	35.74 0.56 0.00	37.64 0.63 0.00	42.53 0.75 -0.24	47.05 0.87 -0.21	48.50 0.95 -0.27	54.93 1.18 -0.32	67.65 1.51 -0.40	72.88 1.63 -0.32	80.13 1.87 -0.48	66.65 1.62 -0.12	58.01 1.41 -0.11	49.89 1.21 -0.21	40.95 0.96 -0.10
DERFIELD_115KV_TB7 355931	33.77 0.10 0.00	31.71 0.16 0.00	28.53 0.14 0.00	28.53 0.14 0.00	28.72 0.14 0.00	32.40 0.06 0.00	33.56 0.03 0.00	33.37 0.03 0.00	32.72 0.03 0.00	31.60 0.00 0.00	32.64 0.00 0.00	35.18 0.00 0.00	37.01 0.00 0.00	41.55 0.00 0.00	45.97 0.00 0.00	47.29 0.00 0.00	53.43 0.00 0.00	65.67 -0.07 0.00	70.86 -0.07 0.00	77.71 -0.08 0.00	64.91 0.00 0.00	56.49 0.00 0.00	48.52 0.05 0.00	39.93 0.04 0.00
DOGLEVILLE___HYD 23807	33.87 0.20 0.00	31.84 0.28 0.00	28.65 0.26 0.00	28.68 0.28 0.00	28.86 0.29 0.00	32.60 0.26 0.00	33.76 0.23 0.00	33.54 0.20 0.00	32.85 0.16 0.00	31.73 0.13 0.00	32.77 0.13 0.00	35.39 0.21 0.00	37.20 0.19 0.00	41.75 0.21 0.00	46.24 0.28 0.00	47.52 0.24 0.00	53.59 0.16 0.00	66.00 0.26 0.00	71.28 0.35 0.00	78.33 0.54 0.00	65.43 0.52 0.00	56.88 0.40 0.00	48.95 0.48 0.00	40.25 0.36 0.00
DUNKIRK___115KV_TB_200 55889	30.51 -3.17 0.00	25.14 -2.81 3.61	21.70 -2.61 4.08	20.48 -2.56 5.36	21.65 -2.60 4.33	20.39 -2.78 9.16	21.93 -2.62 8.98	29.94 -2.87 0.53	29.75 -2.91 0.02	29.07 -2.53 0.00	30.20 -2.45 0.00	32.86 -2.32 0.00	34.53 -2.48 0.00	39.05 -2.49 0.00	43.25 -2.71 0.00	44.91 -2.36 0.01	50.94 -2.35 0.14	57.96 -1.31 6.46	65.41 -1.13 4.39	67.03 -1.24 9.51	57.20 -1.82 5.89	49.36 -1.92 5.20	42.08 -2.71 3.67	37.24 -2.63 0.02
DUNKIRK___1 23563	30.51 -3.17 0.00	25.14 -2.81 3.61	21.70 -2.61 4.08	20.48 -2.56 5.36	21.65 -2.60 4.33	20.39 -2.78 9.16	21.93 -2.62 8.98	29.94 -2.87 0.53	29.75 -2.91 0.02	29.07 -2.53 0.00	30.20 -2.45 0.00	32.86 -2.32 0.00	34.53 -2.48 0.00	39.05 -2.49 0.00	43.25 -2.71 0.00	44.91 -2.36 0.01	50.94 -2.35 0.14	57.96 -1.31 6.46	65.41 -1.13 4.39	67.03 -1.24 9.51	57.20 -1.82 5.89	49.36 -1.92 5.20	42.08 -2.71 3.67	37.24 -2.63 0.02
DUNKIRK___2 23564	30.51 -3.17 0.00	25.14 -2.81 3.61	21.70 -2.61 4.08	20.48 -2.56 5.36	21.65 -2.60 4.33	20.39 -2.78 9.16	21.93 -2.62 8.98	29.94 -2.87 0.53	29.75 -2.91 0.02	29.07 -2.53 0.00	30.20 -2.45 0.00	32.86 -2.32 0.00	34.53 -2.48 0.00	39.05 -2.49 0.00	43.25 -2.71 0.00	44.91 -2.36 0.01	50.94 -2.35 0.14	57.96 -1.31 6.46	65.41 -1.13 4.39	67.03 -1.24 9.51	57.20 -1.82 5.89	49.36 -1.92 5.20	42.08 -2.71 3.67	37.24 -2.63 0.02
DUNKIRK___3 23565	30.51 -3.17 0.00	24.92 -2.75 3.89	21.48 -2.53 4.39	20.16 -2.47 5.77	21.41 -2.51 4.66	20.29 -2.72 9.33	21.80 -2.58 9.15	29.96 -2.83 0.54	29.72 -2.94 0.02	29.04 -2.56 0.00	30.10 -2.55 0.00	32.72 -2.46 0.00	34.38 -2.63 0.00	38.89 -2.66 0.00	43.07 -2.90 0.00	44.72 -2.55 0.01	50.77 -2.51 0.14	57.50 -1.58 6.66	64.98 -1.42 4.53	66.42 -1.56 9.81	56.82 -2.01 6.08	49.10 -2.03 5.35	41.92 -2.81 3.74	37.20 -2.67 0.03
DUNKIRK___4 23566	30.51 -3.17 0.00	24.92 -2.75 3.89	21.48 -2.53 4.39	20.16 -2.47 5.77	21.41 -2.51 4.66	20.29 -2.72 9.33	21.80 -2.58 9.15	29.96 -2.83 0.54	29.72 -2.94 0.02	29.04 -2.56 0.00	30.10 -2.55 0.00	32.72 -2.46 0.00	34.38 -2.63 0.00	38.89 -2.66 0.00	43.07 -2.90 0.00	44.72 -2.55 0.01	50.77 -2.51 0.14	57.50 -1.58 6.66	64.98 -1.42 4.53	66.42 -1.56 9.81	56.82 -2.01 6.08	49.10 -2.03 5.35	41.92 -2.81 3.74	37.20 -2.67 0.03
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	35.35 1.68 0.00	33.26 1.70 0.00	29.98 1.59 0.00	29.95 1.56 0.00	30.06 1.49 0.00	33.60 1.26 0.00	35.00 1.48 0.00	35.07 1.73 0.00	34.51 1.83 0.00	33.37 1.77 0.00	34.60 1.96 0.00	37.25 2.08 0.00	39.38 2.37 0.00	44.25 2.70 0.00	49.00 3.03 0.00	50.60 3.31 0.00	57.01 3.58 0.00	69.35 3.62 0.00	74.33 3.40 0.00	81.13 3.34 0.00	67.37 2.47 0.00	58.75 2.26 0.00	50.89 2.42 0.00	41.85 1.95 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	35.22 1.55 0.00	33.10 1.55 0.00	29.84 1.45 0.00	29.78 1.39 0.00	29.89 1.31 0.00	33.44 1.10 0.00	34.77 1.24 0.00	34.74 1.40 0.00	34.19 1.50 0.00	32.99 1.39 0.00	34.21 1.57 0.00	36.80 1.62 0.00	38.90 1.89 0.00	43.71 2.16 0.00	48.49 2.53 0.00	50.12 2.84 0.00	56.58 3.15 0.00	69.03 3.29 0.00	74.12 3.19 0.00	80.97 3.19 0.00	67.37 2.47 0.00	58.63 2.15 0.00	50.60 2.13 0.00	41.65 1.76 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	35.49 1.82 0.00	33.55 1.99 -0.01	30.21 1.82 0.00	30.15 1.76 0.00	30.26 1.69 0.00	33.60 1.26 0.00	34.90 1.37 0.00	35.00 1.67 0.00	34.58 1.90 0.00	33.50 1.90 0.00	34.73 2.09 0.00	37.36 2.18 0.00	39.49 2.48 0.00	44.33 2.78 0.00	49.09 3.13 0.00	50.74 3.45 0.00	57.28 3.85 0.00	69.22 3.48 0.00	74.05 3.12 0.00	80.66 2.88 0.00	66.92 2.01 0.00	58.63 2.15 0.00	50.84 2.37 0.00	42.01 2.11 0.00

E179THST_13_KV_LOAD 356214	35.62 1.95 0.00	33.71 2.15 -0.01	30.32 1.93 0.00	30.27 1.87 0.00	30.38 1.80 0.00	33.73 1.39 0.00	35.07 1.54 0.00	35.17 1.83 0.00	34.71 2.03 0.00	33.62 2.02 0.00	34.90 2.25 0.00	37.53 2.36 0.00	39.68 2.66 0.00	44.54 2.99 0.00	49.37 3.40 0.00	51.02 3.74 0.00	57.60 4.17 0.00	69.68 3.94 0.00	74.48 3.55 0.00	81.13 3.34 0.00	67.31 2.40 0.00	58.97 2.49 0.00	51.13 2.67 0.00	42.21 2.31 0.00
EAST HAMPTON___GT 23717	46.59 2.76 -10.16	41.81 2.46 -7.80	35.04 2.27 -4.37	30.35 1.96 0.00	30.29 1.71 0.00	33.92 1.58 0.00	35.54 2.01 0.00	35.77 2.43 0.00	34.87 2.19 0.00	33.27 1.67 0.00	34.73 2.09 0.00	37.01 1.83 0.00	39.56 2.55 0.00	44.79 3.24 0.00	49.28 3.31 0.00	51.12 3.83 -0.01	55.88 2.46 0.01	67.50 1.78 0.02	72.48 1.56 0.01	78.71 0.94 0.02	65.03 0.13 0.01	56.76 0.28 0.01	51.28 2.81 0.00	42.13 2.23 0.00
EAST RIVER___6 23660	35.35 1.68 0.00	33.29 1.73 0.00	30.01 1.62 0.00	29.95 1.56 0.00	30.09 1.51 0.00	33.50 1.16 0.00	35.00 1.47 0.00	35.13 1.80 0.00	34.61 1.93 0.00	33.43 1.83 0.00	34.57 1.93 0.00	37.29 2.11 0.00	39.38 2.37 0.00	44.50 2.95 0.00	49.37 3.40 0.00	50.88 3.59 0.00	57.65 4.22 0.00	70.01 4.27 0.00	74.90 3.97 0.00	81.52 3.73 0.00	67.83 2.92 0.00	59.09 2.60 0.00	51.08 2.62 0.00	42.01 2.11 0.00
EAST RIVER___7 23524	35.35 1.68 0.00	33.29 1.73 0.00	30.01 1.62 0.00	29.95 1.56 0.00	30.09 1.51 0.00	33.50 1.16 0.00	35.00 1.47 0.00	35.13 1.80 0.00	34.61 1.93 0.00	33.43 1.83 0.00	34.57 1.93 0.00	37.29 2.11 0.00	39.38 2.37 0.00	44.50 2.95 0.00	49.37 3.40 0.00	50.88 3.59 0.00	57.65 4.22 0.00	70.01 4.27 0.00	74.90 3.97 0.00	81.52 3.73 0.00	67.83 2.92 0.00	59.09 2.60 0.00	51.08 2.62 0.00	42.01 2.11 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	35.32 1.65 0.00	33.20 1.64 0.00	29.92 1.53 0.00	29.90 1.50 0.00	30.01 1.43 0.00	33.53 1.20 0.00	34.93 1.41 0.00	34.97 1.63 0.00	34.42 1.73 0.00	33.28 1.67 0.00	34.50 1.86 0.00	37.15 1.97 0.00	39.27 2.26 0.00	44.12 2.58 0.00	48.86 2.90 0.00	50.45 3.17 0.00	56.85 3.42 0.00	69.16 3.42 0.00	74.19 3.26 0.00	80.90 3.11 0.00	67.24 2.34 0.00	58.63 2.15 0.00	50.75 2.28 0.00	41.77 1.88 0.00
EAST_HAMPTON___DIESEL 23722	46.56 2.73 -10.16	41.78 2.43 -7.80	35.01 2.24 -4.37	30.32 1.93 0.00	30.26 1.69 0.00	33.89 1.55 0.00	35.50 1.98 0.00	35.74 2.40 0.00	34.84 2.16 0.00	33.21 1.61 0.00	34.70 2.06 0.00	36.97 1.79 0.00	39.53 2.52 0.00	44.74 3.20 0.00	49.18 3.22 0.00	51.08 3.78 -0.01	55.83 2.41 0.01	67.37 1.64 0.02	72.34 1.42 0.01	78.55 0.78 0.02	64.90 0.00 0.01	56.65 0.17 0.01	51.23 2.76 0.00	42.05 2.15 0.00
EAST_POINT___SOLAR 323840	35.62 1.95 0.00	33.54 1.99 0.00	30.24 1.84 0.00	30.24 1.84 0.00	30.49 1.91 0.00	34.28 1.94 0.00	34.87 1.34 0.00	33.54 0.20 0.00	32.52 -0.16 0.00	31.03 -0.57 0.00	31.86 -0.78 0.00	34.69 -0.49 0.00	36.49 -0.52 0.00	41.13 -0.42 0.00	45.69 -0.27 0.00	46.91 -0.38 0.00	53.43 0.00 0.00	66.14 0.40 0.00	72.85 1.92 0.00	82.14 4.35 0.00	69.58 4.68 0.00	60.44 3.95 0.00	51.72 3.25 0.00	42.45 2.56 0.00
EAST_PULASKI___ESR 323781	33.37 -0.30 0.00	31.24 -0.32 0.00	28.08 -0.31 0.00	28.11 -0.28 0.00	28.29 -0.29 0.00	32.57 0.23 0.00	33.79 0.27 0.00	33.47 0.13 0.00	32.78 0.10 0.00	31.70 0.10 0.00	32.77 0.13 0.00	35.25 0.07 0.00	37.01 0.00 0.00	41.46 -0.08 0.00	45.97 0.00 0.00	47.57 0.29 0.00	53.54 0.11 0.00	66.59 0.85 0.00	72.49 1.56 0.00	80.20 2.41 0.00	66.92 2.01 0.00	57.90 1.41 0.00	49.58 1.12 0.00	40.61 0.72 0.00
EAST_RIVER___1 323558	35.39 1.72 0.00	33.32 1.77 0.00	30.04 1.65 0.00	30.01 1.62 0.00	30.12 1.54 0.00	33.60 1.26 0.00	35.07 1.54 0.00	35.20 1.87 0.00	34.68 1.99 0.00	33.50 1.90 0.00	34.60 1.96 0.00	37.32 2.15 0.00	39.42 2.40 0.00	44.54 2.99 0.00	49.37 3.40 0.00	50.88 3.59 0.00	57.60 4.17 0.00	69.95 4.21 0.00	74.90 3.97 0.00	81.44 3.66 0.00	67.63 2.73 0.00	58.97 2.48 0.00	51.03 2.57 0.00	41.97 2.07 0.00
EAST_RIVER___2 323559	35.35 1.68 0.00	33.29 1.73 0.00	30.01 1.62 0.00	29.95 1.56 0.00	30.09 1.51 0.00	33.50 1.16 0.00	35.00 1.47 0.00	35.13 1.80 0.00	34.61 1.93 0.00	33.43 1.83 0.00	34.57 1.93 0.00	37.29 2.11 0.00	39.38 2.37 0.00	44.50 2.95 0.00	49.37 3.40 0.00	50.88 3.59 0.00	57.65 4.22 0.00	70.01 4.27 0.00	74.90 3.97 0.00	81.52 3.73 0.00	67.83 2.92 0.00	59.09 2.60 0.00	51.08 2.62 0.00	42.01 2.11 0.00
EAST___DELAWARE_HYD 23607	34.92 1.25 0.00	32.82 1.26 0.00	29.58 1.19 0.00	29.53 1.14 0.00	29.63 1.06 0.00	33.21 0.87 0.00	34.46 0.94 0.00	34.57 1.23 0.00	33.96 1.27 0.00	32.64 1.04 0.00	33.75 1.11 0.00	36.27 1.09 0.00	38.27 1.26 0.00	43.25 1.70 0.00	48.04 2.07 0.00	49.65 2.36 0.00	56.31 2.88 0.00	69.09 3.35 0.00	74.33 3.40 0.00	81.20 3.42 0.00	67.63 2.73 0.00	58.69 2.20 0.00	50.50 2.04 0.00	41.49 1.60 0.00
EIGHT_POINT___WT_PWR 323820	32.29 -1.38 0.00	42.50 -1.32 -12.27	40.97 -1.28 -13.86	45.35 -1.25 -18.21	42.08 -1.20 -14.70	65.41 -1.26 -34.33	66.13 -1.04 -33.64	35.59 -1.37 -3.62	31.23 -1.60 -0.15	30.65 -0.95 0.00	31.83 -0.81 0.00	34.16 -1.02 0.00	35.64 -1.37 0.00	40.13 -1.41 0.00	44.59 -1.38 0.00	46.98 -0.66 -0.36	53.97 -0.64 -1.18	107.43 0.59 -41.10	93.59 1.63 -21.02	125.70 2.56 -45.36	94.54 1.75 -27.88	82.36 0.90 -24.97	62.07 -0.44 -14.04	39.11 -1.00 -0.21
ELBRIDGE_115KV_TB2 80188	33.17 -0.51 0.00	31.05 -0.50 0.00	27.94 -0.45 0.00	27.94 -0.45 0.00	28.12 -0.46 0.00	31.76 -0.58 0.00	32.96 -0.57 0.00	32.81 -0.60 -0.07	32.13 -0.56 0.00	31.03 -0.57 0.00	32.09 -0.55 0.00	34.54 -0.63 0.00	36.23 -0.78 0.00	41.82 -0.83 -1.10	46.08 -0.83 -0.95	47.80 -0.66 -1.17	54.10 -0.75 -1.42	68.16 -0.26 -2.69	72.09 -0.14 -1.30	79.58 -0.08 -1.87	65.04 -0.26 -0.39	56.48 -0.34 -0.34	48.74 -0.63 -0.90	39.73 -0.60 -0.44
ELEC_TRO_TEK 24086	35.56 1.89 0.00	33.29 1.74 0.00	30.07 1.68 0.00	29.95 1.56 0.00	30.06 1.49 0.00	33.60 1.26 0.00	35.17 1.64 0.00	35.24 1.90 0.00	34.48 1.80 0.00	33.18 1.58 0.00	34.67 2.02 0.00	37.32 2.15 0.00	39.64 2.63 0.00	44.45 2.91 0.00	49.32 3.36 0.00	51.16 3.88 0.00	56.42 2.99 0.01	68.62 2.89 0.01	73.55 2.62 0.01	80.19 2.41 0.01	66.65 1.75 0.01	58.06 1.58 0.01	51.33 2.86 0.00	42.13 2.23 0.00
ELLENBURG_WT_PWR 323604	33.67 0.00 0.00	31.40 -0.16 0.00	28.19 -0.20 0.00	28.19 -0.20 0.00	28.38 -0.20 0.00	32.34 0.00 0.00	33.63 0.10 0.00	33.40 0.07 0.00	32.78 0.10 0.00	31.73 0.13 0.00	32.81 0.16 0.00	35.35 0.18 0.00	37.27 0.26 0.00	41.75 0.21 0.00	46.10 0.14 0.00	47.38 0.09 0.00	53.27 -0.16 0.00	65.74 0.00 0.00	71.14 0.21 0.00	78.25 0.47 0.00	65.23 0.33 0.00	56.89 0.40 0.00	48.71 0.24 0.00	40.09 0.20 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	30.27 -3.40 0.00	24.38 -3.06 4.12	20.96 -2.78 4.65	19.56 -2.73 6.11	20.87 -2.77 4.93	20.04 -3.04 9.25	21.54 -2.92 9.07	29.53 -3.27 0.54	29.52 -3.14 0.02	28.79 -2.81 0.00	29.77 -2.87 0.00	32.29 -2.88 0.00	33.94 -3.07 0.00	38.35 -3.20 0.00	42.47 -3.49 0.00	44.11 -3.17 0.01	49.82 -3.47 0.14	56.89 -2.70 6.15	63.90 -2.62 4.40	65.45 -2.80 9.53	55.88 -3.12 5.91	48.41 -2.99 5.08	41.23 -3.54 3.70	36.72 -3.15 0.03
EMPIRE_CC_1 323656	34.92 1.25 0.00	32.91 1.36 0.00	29.67 1.28 0.00	29.67 1.28 0.00	29.80 1.23 0.00	33.37 1.03 0.00	34.60 1.07 0.00	34.40 1.07 0.00	33.53 0.85 0.00	32.20 0.60 0.00	33.20 0.55 0.00	35.92 0.74 0.00	37.86 0.85 0.00	42.62 1.08 0.00	47.12 1.15 0.00	48.18 0.90 0.00	54.87 1.44 0.00	66.98 1.25 0.00	72.06 1.13 0.00	78.87 1.09 0.00	66.14 1.23 0.00	57.73 1.24 0.00	49.73 1.26 0.00	41.05 1.16 0.00
EMPIRE_CC_2 323658	34.92 1.25 0.00	32.91 1.36 0.00	29.67 1.28 0.00	29.67 1.28 0.00	29.80 1.23 0.00	33.37 1.03 0.00	34.60 1.07 0.00	34.40 1.07 0.00	33.53 0.85 0.00	32.20 0.60 0.00	33.20 0.55 0.00	35.92 0.74 0.00	37.86 0.85 0.00	42.62 1.08 0.00	47.12 1.15 0.00	48.18 0.90 0.00	54.87 1.44 0.00	66.98 1.25 0.00	72.06 1.13 0.00	78.87 1.09 0.00	66.14 1.23 0.00	57.73 1.24 0.00	49.73 1.26 0.00	41.05 1.16 0.00
ENORWICH_115KV_TB1 80156	34.95 1.28 0.00	33.71 1.29 -0.86	30.47 1.11 -0.97	30.83 1.16 -1.28	30.81 1.20 -1.03	35.76 1.29 -2.13	36.89 1.27 -2.09	34.34 1.00 0.00	33.37 0.69 0.00	31.92 0.32 0.00	32.94 0.29 0.00	35.60 0.42 0.00	37.46 0.44 0.00	42.65 0.62 -0.49	47.21 0.83 -0.42	49.02 1.18 -0.55	56.02 1.92 -0.66	70.48 3.94 -0.80	78.16 5.32 -1.91	88.32 6.85 -3.69	72.47 5.65 -1.92	62.73 4.52 -1.72	52.90 3.15 -1.28	42.38 2.27 -0.21
ERIE_ST__34_KV_TB1-2 80199	30.54 -3.13 0.00	25.89 -2.15 3.52	22.43 -1.99 3.98	21.24 -1.93 5.22	22.39 -1.97 4.22	21.59 -2.10 8.64	23.15 -1.91 8.47	30.60 -2.23 0.50	29.85 -2.81 0.02	29.07 -2.53 0.00	30.13 -2.51 0.00	32.79 -2.39 0.00	34.49 -2.52 0.00	39.05 -2.49 0.00	43.30 -2.67 0.00	44.96 -2.32 0.01	51.61 -1.76 0.05	62.32 -0.59 2.83	68.06 -0.43 2.44	72.10 -0.39 5.29	60.66 -0.97 3.28	52.53 -1.02 2.94	43.16 -1.84 3.47	37.84 -2.03 0.02
ERIE_WT_PWR 323693	30.54 -3.13 0.00	24.85 -2.78 3.93	21.40 -2.56 4.44	20.06 -2.50 5.83	21.35 -2.51 4.71	20.30 -2.75 9.29	21.84 -2.58 9.11	29.83 -2.97 0.54	29.72 -2.94 0.02	29.77 -1.83 0.00	30.98 -1.66 0.00	33.17 -2.00 0.00	34.38 -2.63 0.00	38.64 -2.91 0.00	42.84 -3.13 0.00	44.77 -2.51 0.01	50.47 -2.78 0.18	55.01 -2.24 8.49	64.61 -1.99 4.33	66.38 -2.02 9.39	56.76 -2.33 5.82	48.87 -2.43 5.19	41.88 -2.86 3.73	37.12 -2.75 0.03
ESPRGFLD_115KV_TB1 80157	34.88 1.21 0.00	32.88 1.33 0.00	29.61 1.22 0.00	29.61 1.22 0.00	29.83 1.26 0.00	33.63 1.29 0.00	34.60 1.07 0.00	34.00 0.67 0.00	33.14 0.46 0.00	31.85 0.25 0.00	32.87 0.23 0.00	35.56 0.39 0.00	37.46 0.44 0.00	42.09 0.54 0.00	46.66 0.69 0.00	48.14 0.85 0.00	54.61 1.18 0.00	67.78 2.04 0.00	73.77 2.84 0.00	81.75 3.97 0.00	68.48 3.57 0.00	59.42 2.94 0.00	50.84 2.37 0.00	41.69 1.80 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	33.97 0.30 0.00	33.24 0.32 -1.37	30.19 0.26 -1.54	30.70 0.28 -2.03	30.50 0.29 -1.64	35.98 0.23 -3.42	37.11 0.23 -3.35	33.59 0.13 -0.12	32.69 0.00 0.00	31.47 -0.13 0.00	32.48 -0.16 0.00	35.04 -0.14 0.00	36.83 -0.19 0.00	42.06 -0.17 -0.68	46.50 -0.05 -0.58	48.25 0.24 -0.73	54.87 0.53 -0.90	70.42 1.64 -3.04	75.99 2.20 -2.87	86.14 2.72 -5.63	70.06 2.14 -3.01	60.88 1.69 -2.70	51.32 0.92 -1.93	40.77 0.60 -0.28
ETNA____115KV_TB2 80207	33.97 0.30 0.00	33.24 0.32 -1.37	30.19 0.26 -1.54	30.70 0.28 -2.03	30.50 0.29 -1.64	35.98 0.23 -3.42	37.11 0.23 -3.35	33.59 0.13 -0.12	32.69 0.00 0.00	31.47 -0.13 0.00	32.48 -0.16 0.00	35.04 -0.14 0.00	36.83 -0.19 0.00	42.06 -0.17 -0.68	46.50 -0.05 -0.58	48.25 0.24 -0.73	54.87 0.53 -0.90	70.42 1.64 -3.04	75.99 2.20 -2.87	86.14 2.72 -5.63	70.06 2.14 -3.01	60.88 1.69 -2.70	51.32 0.92 -1.93	40.77 0.60 -0.28
EUCLID__115KV_TB2 356179	33.00 -0.67 0.00	30.89 -0.66 0.00	27.77 -0.62 0.00	27.80 -0.60 0.00	27.98 -0.60 0.00	31.59 -0.74 0.00	32.79 -0.74 0.00	32.60 -0.73 0.00	32.00 -0.69 0.00	30.94 -0.66 0.00	31.96 -0.69 0.00	34.40 -0.77 0.00	36.12 -0.89 0.00	40.55 -1.00 0.00	44.96 -1.01 0.00	46.39 -0.90 0.00	52.41 -1.02 0.00	65.02 -0.72 0.00	70.22 -0.71 0.00	77.08 -0.70 0.00	64.13 -0.78 0.00	55.70 -0.79 0.00	47.50 -0.97 0.00	39.06 -0.84 0.00
E_CANADA_CAP_HY 24051	35.35 1.68 0.00	33.29 1.73 0.00	30.01 1.62 0.00	30.01 1.62 0.00	30.23 1.66 0.00	34.02 1.68 0.00	34.93 1.41 0.00	34.07 0.73 0.00	33.04 0.36 0.00	31.63 0.03 0.00	32.48 -0.16 0.00	35.28 0.11 0.00	37.12 0.11 0.00	41.84 0.29 0.00	46.43 0.46 0.00	47.71 0.42 0.00	54.23 0.80 0.00	67.12 1.38 0.00	73.48 2.55 0.00	81.83 4.04 0.00	68.80 3.89 0.00	59.76 3.27 0.00	51.28 2.81 0.00	42.09 2.19 0.00
E_CANADA_MHWK_HY 24050	33.87 0.20 0.00	31.84 0.28 0.00	28.65 0.25 0.00	28.68 0.28 0.00	28.86 0.29 0.00	32.59 0.26 0.00	33.76 0.24 0.00	33.54 0.20 0.00	32.85 0.16 0.00	31.73 0.13 0.00	32.77 0.13 0.00	35.35 0.18 0.00	37.20 0.19 0.00	41.75 0.21 0.00	46.24 0.28 0.00	47.52 0.24 0.00	53.59 0.16 0.00	66.07 0.33 0.00	71.29 0.36 0.00	78.33 0.55 0.00	65.42 0.52 0.00	56.89 0.40 0.00	48.95 0.48 0.00	40.25 0.36 0.00
E_FISHKILL__LBMP 23776	35.12 1.45 0.00	33.04 1.48 0.00	29.81 1.42 0.00	29.75 1.36 0.00	29.89 1.31 0.00	33.40 1.07 0.00	34.73 1.21 0.00	34.77 1.43 0.00	34.19 1.50 0.00	33.02 1.42 0.00	34.24 1.60 0.00	36.87 1.69 0.00	38.94 1.92 0.00	43.75 2.20 0.00	48.45 2.48 0.00	49.93 2.65 0.00	56.31 2.89 0.00	68.57 2.83 0.00	73.55 2.62 0.00	80.27 2.49 0.00	66.79 1.88 0.00	58.24 1.75 0.00	50.41 1.94 0.00	41.49 1.60 0.00
FALCON__SEABRD_CC1 323796	34.01 0.34 0.00	31.71 0.16 0.00	28.45 0.06 0.00	28.45 0.06 0.00	28.63 0.06 0.00	32.66 0.32 0.00	33.96 0.43 0.00	33.70 0.37 0.00	33.08 0.39 0.00	32.04 0.44 0.00	33.13 0.49 0.00	35.71 0.53 0.00	37.68 0.67 0.00	42.17 0.62 0.00	46.52 0.55 0.00	47.86 0.57 0.00	53.81 0.38 0.00	66.46 0.72 0.00	71.99 1.07 0.00	79.19 1.40 0.00	65.94 1.04 0.00	57.50 1.02 0.00	49.24 0.77 0.00	40.49 0.60 0.00
FALCON__SEABRD_CC2 323797	34.01 0.34 0.00	31.71 0.16 0.00	28.45 0.06 0.00	28.45 0.06 0.00	28.63 0.06 0.00	32.66 0.32 0.00	33.96 0.43 0.00	33.70 0.37 0.00	33.08 0.39 0.00	32.04 0.44 0.00	33.13 0.49 0.00	35.71 0.53 0.00	37.68 0.67 0.00	42.17 0.62 0.00	46.52 0.55 0.00	47.86 0.57 0.00	53.81 0.38 0.00	66.46 0.72 0.00	71.99 1.07 0.00	79.19 1.40 0.00	65.94 1.04 0.00	57.50 1.02 0.00	49.24 0.77 0.00	40.49 0.60 0.00

FAR ROCKAWAY___4 23548	35.93 2.26 0.00	33.64 2.08 0.00	30.38 1.99 0.00	30.27 1.87 0.00	30.35 1.77 0.00	33.95 1.62 0.00	35.50 1.98 0.00	35.60 2.27 0.00	34.81 2.12 0.00	33.50 1.90 0.00	34.99 2.35 0.00	37.71 2.53 0.00	40.05 3.03 0.00	44.95 3.41 0.00	49.92 3.95 0.00	51.87 4.59 0.00	57.27 3.85 0.01	69.74 4.01 0.01	74.82 3.90 0.01	81.59 3.81 0.01	67.76 2.86 0.01	58.97 2.49 0.01	52.01 3.54 0.00	42.61 2.71 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	35.42 1.75 0.00	33.32 1.77 0.00	30.07 1.68 0.00	30.01 1.62 0.00	30.12 1.54 0.00	33.60 1.26 0.00	35.07 1.54 0.00	35.20 1.87 0.00	34.71 2.03 0.00	33.59 1.99 0.00	34.83 2.19 0.00	37.46 2.29 0.00	39.60 2.59 0.00	44.49 2.95 0.00	49.32 3.36 0.00	50.93 3.64 0.00	57.44 4.01 0.00	69.81 4.08 0.00	74.69 3.76 0.00	81.44 3.66 0.00	67.57 2.66 0.00	58.97 2.49 0.00	51.08 2.62 0.00	41.97 2.07 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	35.45 1.78 0.00	33.35 1.80 0.00	30.07 1.68 0.00	30.01 1.62 0.00	30.15 1.57 0.00	33.63 1.29 0.00	35.10 1.58 0.00	35.20 1.87 0.00	34.71 2.03 0.00	33.59 1.99 0.00	34.83 2.19 0.00	37.46 2.29 0.00	39.60 2.59 0.00	44.49 2.95 0.00	49.32 3.36 0.00	50.97 3.69 0.00	57.49 4.06 0.00	69.81 4.08 0.00	74.69 3.76 0.00	81.44 3.66 0.00	67.57 2.66 0.00	58.97 2.49 0.00	51.08 2.62 0.00	42.01 2.11 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	35.42 1.75 0.00	33.32 1.77 0.00	30.04 1.65 0.00	29.98 1.59 0.00	30.12 1.54 0.00	33.60 1.26 0.00	35.07 1.54 0.00	35.17 1.83 0.00	34.68 1.99 0.00	33.59 1.99 0.00	34.83 2.19 0.00	37.46 2.29 0.00	39.60 2.59 0.00	44.49 2.95 0.00	49.28 3.31 0.00	50.93 3.64 0.00	57.44 4.01 0.00	69.75 4.01 0.00	74.62 3.69 0.00	81.36 3.58 0.00	67.50 2.60 0.00	58.92 2.43 0.00	51.04 2.57 0.00	41.97 2.07 0.00
FARRAGUT___LBMP 323566	35.39 1.72 0.00	33.32 1.77 0.00	30.04 1.65 0.00	29.98 1.59 0.00	30.09 1.51 0.00	33.57 1.23 0.00	35.04 1.51 0.00	35.17 1.83 0.00	34.64 1.96 0.00	33.56 1.96 0.00	34.80 2.15 0.00	37.43 2.25 0.00	39.56 2.55 0.00	44.45 2.91 0.00	49.23 3.26 0.00	50.88 3.59 0.00	57.38 3.95 0.00	69.68 3.94 0.00	74.62 3.69 0.00	81.28 3.50 0.00	67.44 2.53 0.00	58.92 2.43 0.00	50.99 2.52 0.00	41.93 2.03 0.00
FARRCKWY_69_KV_BK2 55825	35.93 2.26 0.00	33.64 2.08 0.00	30.38 1.99 0.00	30.27 1.87 0.00	30.35 1.77 0.00	33.95 1.62 0.00	35.50 1.98 0.00	35.60 2.27 0.00	34.81 2.12 0.00	33.50 1.90 0.00	34.99 2.35 0.00	37.71 2.53 0.00	40.05 3.03 0.00	44.95 3.41 0.00	49.92 3.95 0.00	51.87 4.59 0.00	57.27 3.85 0.01	69.74 4.01 0.01	74.82 3.90 0.01	81.59 3.81 0.01	67.76 2.86 0.01	58.97 2.49 0.01	52.01 3.54 0.00	42.61 2.71 0.00
FENNER___WINDPWR 24204	34.04 0.37 0.00	31.94 0.38 0.00	28.70 0.31 0.00	28.73 0.34 0.00	28.92 0.34 0.00	32.66 0.32 0.00	33.86 0.34 0.00	33.57 0.23 0.00	32.81 0.13 0.00	31.70 0.10 0.00	32.74 0.10 0.00	35.32 0.14 0.00	37.12 0.11 0.00	42.04 0.13 -0.37	46.47 0.18 -0.32	48.01 0.33 -0.39	54.43 0.53 -0.47	67.42 1.18 -0.50	73.07 1.70 -0.44	80.67 2.26 -0.63	66.92 1.88 -0.13	58.01 1.41 -0.11	49.74 0.97 -0.30	40.72 0.68 -0.15
FIBERTEK___ENERGY 23856	33.37 -0.30 0.00	31.24 -0.32 0.00	28.11 -0.28 0.00	28.11 -0.28 0.00	28.29 -0.29 0.00	32.08 -0.26 0.00	33.26 -0.27 0.00	33.07 -0.27 0.00	32.42 -0.26 0.00	31.32 -0.28 0.00	32.38 -0.26 0.00	34.86 -0.32 0.00	36.60 -0.41 0.00	41.94 -0.42 -0.81	46.30 -0.37 -0.70	48.01 -0.14 -0.86	54.30 -0.16 -1.03	67.36 0.53 -1.09	72.53 0.64 -0.96	80.02 0.86 -1.38	65.71 0.52 -0.29	57.07 0.34 -0.25	49.08 -0.05 -0.66	40.10 -0.12 -0.32
FITZPATRICK___ 23598	32.63 -1.04 0.00	30.54 -1.01 0.00	27.48 -0.91 0.00	27.48 -0.91 0.00	27.66 -0.92 0.00	31.24 -1.10 0.00	32.39 -1.14 0.00	32.17 -1.17 0.00	31.61 -1.08 0.00	30.65 -0.95 0.00	31.67 -0.98 0.00	34.02 -1.16 0.00	35.68 -1.33 0.00	32.33 -1.58 7.64	37.67 -1.75 6.55	37.54 -1.66 8.09	41.90 -1.87 9.66	53.40 -2.11 10.23	59.80 -2.13 9.00	62.60 -2.26 12.93	60.20 -2.01 2.69	52.30 -1.86 2.32	40.50 -1.74 6.22	35.40 -1.48 3.02
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	35.45 1.78 0.00	33.35 1.80 0.00	30.07 1.68 0.00	30.01 1.62 0.00	30.12 1.54 0.00	33.66 1.33 0.00	34.97 1.44 0.00	34.94 1.60 0.00	34.38 1.70 0.00	33.12 1.52 0.00	34.34 1.70 0.00	36.97 1.79 0.00	39.05 2.04 0.00	44.00 2.45 0.00	48.86 2.90 0.00	50.50 3.22 0.00	57.06 3.63 0.00	69.68 3.94 0.00	74.90 3.97 0.00	81.83 4.04 0.00	68.02 3.12 0.00	59.20 2.71 0.00	51.04 2.57 0.00	41.97 2.07 0.00
FORT ORANGE___ 23900	34.75 1.08 0.00	32.75 1.20 0.00	29.53 1.14 0.00	29.53 1.14 0.00	29.66 1.09 0.00	33.24 0.90 0.00	34.40 0.87 0.00	34.17 0.83 0.00	33.17 0.49 0.00	31.82 0.22 0.00	32.81 0.16 0.00	35.53 0.35 0.00	37.46 0.45 0.00	42.21 0.66 0.00	46.75 0.78 0.00	47.66 0.38 0.00	54.18 0.75 0.00	66.33 0.59 0.00	71.49 0.56 0.00	78.40 0.62 0.00	65.69 0.78 0.00	57.28 0.79 0.00	49.24 0.77 0.00	40.69 0.80 0.00
FORT_DRUM_COGEN 23780	34.55 0.88 0.00	32.31 0.76 0.00	28.99 0.60 0.00	29.07 0.68 0.00	29.23 0.66 0.00	33.37 1.03 0.00	34.67 1.14 0.00	34.07 0.73 0.00	33.21 0.52 0.00	31.89 0.28 0.00	32.90 0.26 0.00	35.56 0.39 0.00	37.42 0.41 0.00	41.96 0.42 0.00	46.33 0.37 0.00	47.81 0.52 0.00	54.23 0.80 0.00	68.17 2.43 0.00	74.90 3.97 0.00	83.77 5.99 0.00	70.16 5.26 0.00	60.55 4.07 0.00	51.42 2.96 0.00	42.05 2.15 0.00
FOX_HILLS___ESR 323835	35.63 1.95 -0.01	33.58 2.02 -0.01	30.24 1.84 0.00	30.18 1.79 0.00	30.29 1.71 0.00	33.63 1.29 0.00	35.00 1.47 0.00	35.10 1.77 0.00	34.58 1.89 0.00	33.43 1.83 0.00	34.57 1.93 0.00	37.32 2.15 0.00	39.45 2.44 0.00	44.62 3.07 0.00	49.51 3.54 0.00	51.07 3.78 0.00	57.82 4.38 -0.01	69.42 3.68 0.00	74.61 3.69 0.01	81.04 3.27 0.01	67.24 2.33 0.00	59.21 2.71 -0.01	51.28 2.81 0.00	42.25 2.35 -0.01
FPL_FAR_ROCK_GT1 24212	35.86 2.19 0.00	33.64 2.08 0.00	30.38 1.99 0.00	30.27 1.87 0.00	30.35 1.77 0.00	33.95 1.62 0.00	35.50 1.98 0.00	35.63 2.30 0.00	34.81 2.12 0.00	33.40 1.80 0.00	34.80 2.15 0.00	37.40 2.22 0.00	39.71 2.70 0.00	45.04 3.49 0.00	50.01 4.05 0.00	51.60 4.30 -0.01	57.43 4.01 0.01	69.94 4.21 0.01	75.04 4.11 0.01	81.66 3.89 0.01	67.82 2.92 0.01	58.96 2.48 0.01	51.72 3.25 0.00	42.57 2.67 0.00
FPL_FAR_ROCK_GT2 23815	35.86 2.19 0.00	33.64 2.08 0.00	30.38 1.99 0.00	30.27 1.87 0.00	30.35 1.77 0.00	33.95 1.62 0.00	35.50 1.98 0.00	35.63 2.30 0.00	34.81 2.12 0.00	33.40 1.80 0.00	34.80 2.15 0.00	37.40 2.22 0.00	39.71 2.70 0.00	45.04 3.49 0.00	50.01 4.05 0.00	51.60 4.30 -0.01	57.43 4.01 0.01	69.94 4.21 0.01	75.04 4.11 0.01	81.66 3.89 0.01	67.82 2.92 0.01	58.96 2.48 0.01	51.72 3.25 0.00	42.57 2.67 0.00

FRANKLIN_FALL_HYD 24054	33.97 0.30 0.00	31.65 0.09 0.00	28.36 -0.03 0.00	28.39 0.00 0.00	28.55 -0.03 0.00	32.63 0.29 0.00	33.96 0.44 0.00	33.70 0.37 0.00	33.08 0.39 0.00	32.07 0.47 0.00	33.13 0.49 0.00	35.71 0.53 0.00	37.71 0.70 0.00	42.17 0.62 0.00	46.52 0.55 0.00	47.90 0.61 0.00	54.02 0.59 0.00	66.66 0.92 0.00	71.85 0.92 0.00	79.18 1.40 0.00	65.94 1.04 0.00	57.33 0.85 0.00	49.15 0.68 0.00	40.45 0.56 0.00
FREEPORT_EQUS_GT1 23764	35.76 2.09 0.00	33.54 1.99 0.00	30.29 1.90 0.00	30.18 1.79 0.00	30.26 1.69 0.00	33.86 1.52 0.00	35.44 1.91 0.00	35.57 2.23 0.00	34.74 2.06 0.00	33.31 1.71 0.00	34.70 2.06 0.00	37.29 2.11 0.00	39.64 2.63 0.00	44.91 3.36 0.00	49.78 3.81 0.00	51.36 4.07 -0.01	56.95 3.53 0.01	69.28 3.55 0.01	74.33 3.40 0.01	80.80 3.03 0.01	67.17 2.27 0.01	58.40 1.92 0.01	51.52 3.06 0.00	42.41 2.51 0.00
FREEPORT___CT2 23818	35.76 2.09 0.00	33.54 1.99 0.00	30.29 1.90 0.00	30.18 1.79 0.00	30.26 1.69 0.00	33.86 1.52 0.00	35.44 1.91 0.00	35.57 2.23 0.00	34.74 2.06 0.00	33.31 1.71 0.00	34.70 2.06 0.00	37.29 2.11 0.00	39.64 2.63 0.00	44.91 3.36 0.00	49.78 3.81 0.00	51.36 4.07 -0.01	56.95 3.53 0.01	69.28 3.55 0.01	74.33 3.40 0.01	80.80 3.03 0.01	67.17 2.27 0.01	58.40 1.92 0.01	51.52 3.06 0.00	42.41 2.51 0.00
FRESHKLS_33_KV_LOAD 356253	35.77 2.09 -0.01	33.68 2.11 -0.01	30.32 1.93 0.00	30.24 1.84 0.00	30.35 1.77 0.00	33.70 1.36 0.00	35.04 1.51 0.00	35.13 1.80 0.00	34.58 1.89 0.00	33.46 1.86 0.00	34.60 1.96 0.00	37.36 2.18 0.00	39.49 2.48 0.00	44.66 3.12 0.00	49.60 3.63 0.00	51.21 3.92 0.00	57.93 4.49 -0.01	69.42 3.68 0.00	74.68 3.76 0.01	81.12 3.34 0.01	67.31 2.40 0.00	59.37 2.88 -0.01	51.42 2.96 0.00	42.42 2.51 -0.01
FULTON COGEN____ 23766	32.90 -0.77 0.00	30.80 -0.76 0.00	27.68 -0.71 0.00	27.71 -0.68 0.00	27.89 -0.69 0.00	32.18 -0.16 0.00	33.36 -0.17 0.00	33.17 -0.17 0.00	32.49 -0.20 0.00	31.38 -0.22 0.00	32.42 -0.23 0.00	34.90 -0.28 0.00	36.68 -0.33 0.00	41.39 -0.37 -0.22	45.88 -0.28 -0.19	47.52 0.00 -0.24	53.50 -0.21 -0.28	66.63 0.59 -0.30	72.04 0.85 -0.26	79.41 1.24 -0.38	65.83 0.84 -0.08	57.12 0.56 -0.07	48.94 0.29 -0.18	40.10 0.12 -0.09
FULTON___LFGE 323630	35.45 1.78 0.00	33.39 1.83 0.00	30.10 1.70 0.00	30.10 1.70 0.00	30.32 1.74 0.00	34.08 1.75 0.00	35.00 1.47 0.00	34.13 0.80 0.00	33.04 0.36 0.00	31.57 -0.03 0.00	32.38 -0.26 0.00	35.18 0.00 0.00	37.01 0.00 0.00	41.71 0.17 0.00	46.29 0.32 0.00	47.57 0.29 0.00	54.23 0.80 0.00	67.18 1.44 0.00	73.56 2.63 0.00	81.90 4.12 0.00	68.93 4.03 0.00	59.88 3.39 0.00	51.28 2.81 0.00	42.13 2.23 0.00
G.F.CEMENT___DRP 24184	35.89 2.22 0.00	33.80 2.24 0.00	30.49 2.10 0.00	30.46 2.07 0.00	30.69 2.11 0.00	34.41 2.07 0.00	35.61 2.08 0.00	35.17 1.83 0.00	34.15 1.47 0.00	32.83 1.23 0.00	33.04 0.39 0.00	36.02 0.84 0.00	37.90 0.89 0.00	42.71 1.16 0.00	47.35 1.38 0.00	48.42 1.13 0.00	55.03 1.60 0.00	67.65 1.91 0.00	73.34 2.41 0.00	80.51 2.72 0.00	67.63 2.73 0.00	58.86 2.37 0.00	50.55 2.08 0.00	41.65 1.76 0.00
GARDENVILLE___LBMP 24039	30.37 -3.30 0.00	24.18 -2.87 4.51	20.69 -2.61 5.09	19.12 -2.58 6.69	20.55 -2.63 5.40	19.26 -2.88 10.20	20.81 -2.72 10.00	29.68 -3.07 0.59	29.59 -3.07 0.02	28.85 -2.75 0.00	29.87 -2.77 0.00	32.40 -2.78 0.00	34.05 -2.96 0.00	38.51 -3.03 0.00	42.66 -3.31 0.00	44.30 -2.98 0.01	50.17 -3.10 0.16	56.12 -2.24 7.38	63.79 -2.13 5.01	64.67 -2.26 10.86	55.58 -2.60 6.73	47.97 -2.60 5.91	41.23 -3.15 4.09	36.95 -2.91 0.03
GARDNVLA_35_KV_LD 355827	30.47 -3.20 0.00	25.06 -2.78 3.72	21.64 -2.56 4.20	20.38 -2.50 5.51	21.58 -2.54 4.45	20.63 -2.75 8.95	22.17 -2.58 8.78	29.89 -2.93 0.52	29.72 -2.94 0.02	28.98 -2.62 0.00	30.00 -2.64 0.00	32.57 -2.60 0.00	34.27 -2.74 0.00	38.76 -2.78 0.00	42.93 -3.03 0.00	44.58 -2.70 0.01	50.58 -2.72 0.13	57.91 -1.84 5.99	65.22 -1.63 4.08	67.24 -1.71 8.83	57.23 -2.21 5.47	49.37 -2.20 4.92	42.02 -2.86 3.59	37.20 -2.67 0.02
GELCKHM__115KV_LOAD 80723	33.13 -0.54 0.00	31.02 -0.54 0.00	27.88 -0.51 0.00	27.91 -0.48 0.00	28.09 -0.49 0.00	31.76 -0.58 0.00	32.96 -0.57 0.00	32.77 -0.57 0.00	32.16 -0.52 0.00	31.06 -0.54 0.00	32.12 -0.52 0.00	34.58 -0.60 0.00	36.31 -0.70 0.00	41.12 -0.79 -0.37	45.50 -0.78 -0.32	47.06 -0.61 -0.39	53.20 -0.69 -0.47	65.97 -0.26 -0.50	71.15 -0.21 -0.44	78.26 -0.16 -0.63	64.71 -0.32 -0.13	56.20 -0.40 -0.11	48.14 -0.63 -0.30	39.44 -0.60 -0.15
GENERAL___MILLS 23808	30.44 -3.23 0.00	24.82 -2.81 3.93	21.40 -2.56 4.44	20.06 -2.50 5.83	21.32 -2.54 4.71	20.26 -2.78 9.29	21.80 -2.62 9.11	29.83 -2.97 0.54	29.69 -2.97 0.02	28.91 -2.69 0.00	29.93 -2.71 0.00	32.50 -2.67 0.00	34.16 -2.85 0.00	38.64 -2.91 0.00	42.79 -3.17 0.00	44.49 -2.79 0.01	50.41 -2.89 0.14	57.34 -2.04 6.36	64.75 -1.84 4.33	66.46 -1.94 9.38	56.69 -2.40 5.81	48.98 -2.32 5.19	41.78 -2.96 3.73	37.12 -2.75 0.03
GE_PLASTICS___DRP 24183	34.55 0.88 0.00	32.57 1.01 0.00	29.36 0.97 0.00	29.33 0.94 0.00	29.49 0.91 0.00	33.08 0.74 0.00	34.23 0.70 0.00	34.04 0.70 0.00	33.17 0.49 0.00	32.01 0.41 0.00	33.04 0.39 0.00	35.64 0.46 0.00	37.57 0.56 0.00	42.21 0.66 0.00	46.70 0.74 0.00	47.43 0.14 0.00	53.70 0.27 0.00	65.67 -0.07 0.00	70.79 -0.14 0.00	77.40 -0.39 0.00	64.91 0.00 0.00	56.60 0.11 0.00	48.71 0.24 0.00	40.21 0.32 0.00
GILBOA___1 23756	34.45 0.78 0.00	32.75 1.20 0.00	29.50 1.11 0.00	29.50 1.11 0.00	29.63 1.06 0.00	33.28 0.94 0.00	34.16 0.64 0.00	34.04 0.70 0.00	33.30 0.62 0.00	32.10 0.50 0.00	33.16 0.52 0.00	35.78 0.60 0.00	37.71 0.70 0.00	42.46 0.91 0.00	46.93 0.97 0.00	48.18 0.90 0.00	54.55 1.12 0.00	66.73 0.99 0.00	71.49 0.56 0.00	78.25 0.47 0.00	65.49 0.58 0.00	57.17 0.68 0.00	49.29 0.82 0.00	40.61 0.72 0.00
GILBOA___2 23757	34.45 0.78 0.00	32.75 1.20 0.00	29.50 1.11 0.00	29.50 1.11 0.00	29.63 1.06 0.00	33.28 0.94 0.00	34.16 0.64 0.00	34.04 0.70 0.00	33.30 0.62 0.00	32.10 0.50 0.00	33.16 0.52 0.00	35.78 0.60 0.00	37.71 0.70 0.00	42.46 0.91 0.00	46.93 0.97 0.00	48.18 0.90 0.00	54.55 1.12 0.00	66.73 0.99 0.00	71.49 0.56 0.00	78.25 0.47 0.00	65.49 0.58 0.00	57.17 0.68 0.00	49.29 0.82 0.00	40.61 0.72 0.00
GILBOA___3 23758	34.45 0.78 0.00	32.75 1.20 0.00	29.50 1.11 0.00	29.50 1.11 0.00	29.63 1.06 0.00	33.28 0.94 0.00	34.16 0.64 0.00	34.04 0.70 0.00	33.30 0.62 0.00	32.10 0.50 0.00	33.16 0.52 0.00	35.78 0.60 0.00	37.71 0.70 0.00	42.46 0.91 0.00	46.93 0.97 0.00	48.18 0.90 0.00	54.55 1.12 0.00	66.73 0.99 0.00	71.49 0.56 0.00	78.25 0.47 0.00	65.49 0.58 0.00	57.17 0.68 0.00	49.29 0.82 0.00	40.61 0.72 0.00

GILBOA___4 23759	34.45 0.78 0.00	32.75 1.20 0.00	29.50 1.11 0.00	29.50 1.11 0.00	29.63 1.06 0.00	33.28 0.94 0.00	34.16 0.64 0.00	34.04 0.70 0.00	33.30 0.62 0.00	32.10 0.50 0.00	33.16 0.52 0.00	35.78 0.60 0.00	37.71 0.70 0.00	42.46 0.91 0.00	46.93 0.97 0.00	48.18 0.90 0.00	54.55 1.12 0.00	66.73 0.99 0.00	71.49 0.56 0.00	78.25 0.47 0.00	65.49 0.58 0.00	57.17 0.68 0.00	49.29 0.82 0.00	40.61 0.72 0.00
GILBOA____ 23599	34.44 0.77 0.00	32.75 1.20 0.00	29.50 1.11 0.00	29.50 1.11 0.00	29.63 1.06 0.00	33.27 0.94 0.00	34.16 0.64 0.00	34.04 0.70 0.00	33.30 0.62 0.00	32.17 0.57 0.00	33.26 0.62 0.00	35.85 0.67 0.00	37.79 0.78 0.00	42.46 0.91 0.00	46.93 0.97 0.00	48.18 0.90 0.00	54.50 1.07 0.00	66.66 0.92 0.00	71.43 0.50 0.00	78.17 0.39 0.00	65.49 0.58 0.00	57.16 0.68 0.00	49.29 0.82 0.00	40.61 0.72 0.00
GINNA____ 23603	30.91 -2.76 0.00	27.82 -3.03 0.71	24.81 -2.78 0.80	24.64 -2.70 1.05	25.04 -2.69 0.85	27.56 -3.07 1.71	28.84 -3.02 1.67	30.24 -3.10 0.00	30.13 -2.55 0.00	29.61 -1.99 0.00	30.75 -1.89 0.00	32.93 -2.25 0.00	34.38 -2.63 0.00	38.43 -3.12 0.00	42.57 -3.40 0.00	44.31 -2.98 0.00	49.60 -3.79 0.04	59.87 -3.81 2.05	66.28 -3.61 1.04	71.73 -3.81 2.25	59.75 -3.77 1.39	51.34 -3.90 1.25	43.95 -3.83 0.69	36.62 -3.27 0.00
GLEN PARK____ 23778	34.68 1.01 0.00	32.41 0.85 0.00	29.07 0.68 0.00	29.19 0.79 0.00	29.35 0.77 0.00	33.50 1.16 0.00	34.80 1.27 0.00	34.17 0.83 0.00	33.30 0.62 0.00	32.01 0.41 0.00	33.07 0.42 0.00	35.71 0.53 0.00	37.53 0.52 0.00	42.05 0.50 0.00	46.43 0.46 0.00	47.95 0.66 0.00	54.34 0.91 0.00	68.37 2.63 0.00	75.26 4.33 0.00	84.32 6.53 0.00	70.68 5.77 0.00	60.95 4.46 0.00	51.76 3.30 0.00	42.29 2.39 0.00
GLENDALE_27_KV_LOAD 356172	35.62 1.95 0.00	33.55 1.99 -0.01	30.24 1.85 0.00	30.18 1.79 0.00	30.29 1.71 0.00	33.73 1.39 0.00	35.20 1.68 0.00	35.30 1.97 0.00	34.84 2.16 0.00	33.75 2.15 0.00	35.03 2.38 0.00	37.64 2.46 0.00	39.82 2.81 0.00	44.70 3.16 0.00	49.55 3.59 0.00	51.21 3.92 0.00	57.81 4.38 0.00	70.01 4.27 0.00	74.83 3.90 0.00	81.52 3.73 0.00	67.63 2.73 0.00	59.25 2.77 0.00	51.28 2.81 0.00	42.21 2.31 0.00
GLENWOOD_IC_1_G5 23712	35.59 1.92 0.00	33.39 1.83 0.00	30.15 1.76 0.00	30.07 1.68 0.00	30.15 1.57 0.00	33.73 1.39 0.00	35.24 1.71 0.00	35.30 1.97 0.00	34.64 1.96 0.00	33.40 1.80 0.00	34.83 2.19 0.00	37.50 2.32 0.00	39.75 2.74 0.00	44.62 3.07 0.00	49.51 3.54 0.00	51.31 4.02 0.00	57.01 3.58 0.00	69.15 3.42 0.01	73.90 2.98 0.00	80.58 2.80 0.01	67.37 2.47 0.00	58.69 2.20 0.00	51.38 2.91 0.00	42.17 2.27 0.00
GLENWOOD_IC_2_G1 23688	35.42 1.75 0.00	33.29 1.73 0.00	30.04 1.65 0.00	29.98 1.59 0.00	30.09 1.51 0.00	33.63 1.29 0.00	35.10 1.58 0.00	35.20 1.87 0.00	34.51 1.83 0.00	33.21 1.61 0.00	34.47 1.83 0.00	37.15 1.97 0.00	39.31 2.30 0.00	44.45 2.91 0.00	49.28 3.31 0.00	50.79 3.50 -0.01	57.06 3.64 0.00	69.35 3.61 0.00	74.33 3.40 0.00	80.90 3.11 0.00	67.24 2.33 0.00	58.58 2.09 0.00	50.99 2.52 0.00	41.97 2.07 0.00
GLENWOOD_IC_3_G1 23689	35.42 1.75 0.00	33.29 1.73 0.00	30.04 1.65 0.00	29.98 1.59 0.00	30.09 1.51 0.00	33.63 1.29 0.00	35.10 1.58 0.00	35.20 1.87 0.00	34.51 1.83 0.00	33.21 1.61 0.00	34.47 1.83 0.00	37.15 1.97 0.00	39.31 2.30 0.00	44.45 2.91 0.00	49.28 3.31 0.00	50.79 3.50 -0.01	57.06 3.64 0.00	69.35 3.61 0.00	74.33 3.40 0.00	80.90 3.11 0.00	67.24 2.33 0.00	58.58 2.09 0.00	50.99 2.52 0.00	41.97 2.07 0.00
GLENWOOD___4 23550	35.59 1.92 0.00	33.39 1.83 0.00	30.15 1.76 0.00	30.07 1.68 0.00	30.15 1.57 0.00	33.73 1.39 0.00	35.24 1.71 0.00	35.30 1.97 0.00	34.64 1.96 0.00	33.40 1.80 0.00	34.83 2.19 0.00	37.50 2.32 0.00	39.75 2.74 0.00	44.62 3.07 0.00	49.51 3.54 0.00	51.31 4.02 0.00	57.01 3.58 0.00	69.28 3.55 0.01	74.05 3.12 0.00	80.73 2.96 0.01	67.37 2.47 0.00	58.69 2.20 0.00	51.38 2.91 0.00	42.17 2.27 0.00
GLENWOOD___5 23614	35.59 1.92 0.00	33.39 1.83 0.00	30.15 1.76 0.00	30.07 1.68 0.00	30.15 1.57 0.00	33.73 1.39 0.00	35.24 1.71 0.00	35.30 1.97 0.00	34.64 1.96 0.00	33.40 1.80 0.00	34.83 2.19 0.00	37.50 2.32 0.00	39.75 2.74 0.00	44.62 3.07 0.00	49.51 3.54 0.00	51.31 4.02 0.00	57.01 3.58 0.00	69.28 3.55 0.01	74.05 3.12 0.00	80.73 2.96 0.01	67.37 2.47 0.00	58.69 2.20 0.00	51.38 2.91 0.00	42.17 2.27 0.00
GLOBAL GREEN_PORT_GT1 23814	46.69 2.86 -10.16	41.94 2.59 -7.80	35.18 2.41 -4.37	30.52 2.13 0.00	30.49 1.91 0.00	34.15 1.81 0.00	35.81 2.28 0.00	36.00 2.67 0.00	35.10 2.42 0.00	33.50 1.90 0.00	35.00 2.35 0.00	37.32 2.15 0.00	39.86 2.85 0.00	45.16 3.61 0.00	49.69 3.72 0.00	51.60 4.30 -0.01	56.41 2.99 0.01	68.22 2.50 0.02	73.26 2.34 0.01	79.56 1.79 0.02	65.74 0.84 0.01	57.33 0.85 0.01	51.81 3.34 0.00	42.53 2.63 0.00
GLOBE___DSASP 323697	29.73 -3.94 0.00	24.68 -3.76 3.12	21.46 -3.41 3.52	20.41 -3.35 4.63	21.41 -3.43 3.74	21.26 -3.85 7.23	22.75 -3.69 7.09	28.83 -4.10 0.40	28.78 -3.89 0.02	28.03 -3.57 0.00	28.95 -3.69 0.00	31.34 -3.83 0.00	32.87 -4.15 0.00	37.06 -4.49 0.00	41.05 -4.92 0.00	42.60 -4.68 0.01	47.64 -5.66 0.13	54.19 -5.59 5.96	60.55 -5.75 4.64	61.47 -6.22 10.09	52.70 -5.97 6.24	46.25 -5.48 4.76	40.09 -5.48 2.90	35.33 -4.55 0.02
GOETHSLN___LBMP 323567	35.25 1.58 0.00	33.16 1.61 0.00	29.92 1.53 0.00	29.87 1.48 0.00	29.98 1.40 0.00	33.47 1.13 0.00	34.93 1.41 0.00	35.07 1.73 0.00	34.58 1.90 0.00	33.47 1.86 0.00	34.73 2.09 0.00	37.29 2.11 0.00	39.45 2.44 0.00	44.33 2.78 0.00	49.09 3.13 0.00	50.74 3.45 0.00	57.22 3.79 0.00	69.49 3.75 0.00	74.33 3.40 0.00	80.97 3.19 0.00	67.18 2.27 0.00	58.63 2.15 0.00	50.79 2.33 0.00	41.77 1.88 0.00
GOLAH___69_KV_TB 1_2 80279	31.85 -1.82 0.00	28.76 -2.05 0.75	25.64 -1.90 0.85	25.44 -1.85 1.11	25.82 -1.86 0.90	28.44 -2.07 1.83	29.83 -1.91 1.79	31.17 -2.17 0.00	30.98 -1.70 0.00	30.08 -1.52 0.00	31.14 -1.50 0.00	33.59 -1.58 0.00	35.27 -1.74 0.00	39.72 -1.83 0.00	44.04 -1.93 0.00	45.77 -1.51 0.00	51.29 -2.14 0.00	64.42 -1.31 0.00	68.99 -0.85 1.09	74.80 -0.62 2.36	62.28 -1.17 1.46	53.66 -1.53 1.30	45.70 -2.04 0.73	38.09 -1.80 0.00
GOODYEAR_LAKE_HYD 323669	34.58 0.91 0.00	32.63 1.07 0.00	29.36 0.97 0.00	29.39 0.99 0.00	29.58 1.00 0.00	33.32 0.97 -0.01	34.34 0.80 -0.01	33.97 0.63 0.00	33.24 0.56 0.00	32.04 0.44 0.00	33.10 0.46 0.00	35.81 0.63 0.00	37.71 0.70 0.00	42.38 0.83 0.00	46.93 0.97 0.00	48.37 1.09 0.00	54.82 1.39 0.00	67.82 2.04 -0.05	73.29 2.34 -0.02	80.70 2.88 -0.04	67.46 2.53 -0.03	58.61 2.09 -0.03	50.22 1.74 0.00	41.25 1.36 0.00

GOUDEY___1	33.60	32.30	29.21	29.44	29.44	33.87	35.03	33.24	32.49	31.38	32.45	35.00	36.83	41.91	46.33	48.00	54.43	67.57	73.66	82.11	67.36	58.56	49.83	40.27
345031	-0.07	0.09	0.09	0.09	0.09	-0.03	-0.03	-0.10	-0.20	-0.22	-0.20	-0.18	-0.19	-0.17	-0.09	0.14	0.32	0.99	1.13	1.32	0.97	0.73	0.29	0.16
	0.00	-0.65	-0.73	-0.96	-0.78	-1.56	-1.53	0.00	0.00	0.00	0.00	0.00	0.00	-0.53	-0.46	-0.57	-0.68	-0.84	-1.60	-3.00	-1.48	-1.33	-1.07	-0.22
GOUDEY___7	33.60	32.30	29.21	29.44	29.44	33.87	35.03	33.24	32.49	31.38	32.45	35.00	36.83	41.91	46.33	48.00	54.43	67.57	73.66	82.11	67.36	58.56	49.83	40.27
23579	-0.07	0.09	0.09	0.09	0.09	-0.03	-0.03	-0.10	-0.20	-0.22	-0.20	-0.18	-0.19	-0.17	-0.09	0.14	0.32	0.99	1.13	1.32	0.97	0.73	0.29	0.16
	0.00	-0.65	-0.73	-0.96	-0.78	-1.56	-1.53	0.00	0.00	0.00	0.00	0.00	0.00	-0.53	-0.46	-0.57	-0.68	-0.84	-1.60	-3.00	-1.48	-1.33	-1.07	-0.22
GOUDEY___8	33.60	32.30	29.21	29.44	29.44	33.87	35.03	33.24	32.49	31.38	32.45	35.00	36.83	41.91	46.33	48.00	54.43	67.57	73.66	82.11	67.36	58.56	49.83	40.27
23580	-0.07	0.09	0.09	0.09	0.09	-0.03	-0.03	-0.10	-0.20	-0.22	-0.20	-0.18	-0.19	-0.17	-0.09	0.14	0.32	0.99	1.13	1.32	0.97	0.73	0.29	0.16
	0.00	-0.65	-0.73	-0.96	-0.78	-1.56	-1.53	0.00	0.00	0.00	0.00	0.00	0.00	-0.53	-0.46	-0.57	-0.68	-0.84	-1.60	-3.00	-1.48	-1.33	-1.07	-0.22
GOWANUS_GT1_1	35.70	33.58	30.24	30.18	30.29	33.66	35.07	35.17	34.71	33.62	34.93	37.57	39.75	44.66	49.55	51.21	57.82	69.75	74.48	81.13	67.31	59.32	51.33	42.30
24077	2.02	2.02	1.85	1.79	1.71	1.33	1.54	1.83	2.03	2.02	2.29	2.39	2.74	3.12	3.59	3.92	4.38	4.01	3.55	3.34	2.40	2.82	2.86	2.39
	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	-0.01	0.00	-0.01
GOWANUS_GT1_2	35.70	33.58	30.24	30.18	30.29	33.66	35.07	35.17	34.71	33.62	34.93	37.57	39.75	44.66	49.55	51.21	57.82	69.75	74.48	81.13	67.31	59.32	51.33	42.30
24078	2.02	2.02	1.85	1.79	1.71	1.33	1.54	1.83	2.03	2.02	2.29	2.39	2.74	3.12	3.59	3.92	4.38	4.01	3.55	3.34	2.40	2.82	2.86	2.39
	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	-0.01	0.00	-0.01
GOWANUS_GT1_3	35.70	33.58	30.24	30.18	30.29	33.66	35.07	35.17	34.71	33.62	34.93	37.57	39.75	44.66	49.55	51.21	57.82	69.75	74.48	81.13	67.31	59.32	51.33	42.30
24079	2.02	2.02	1.85	1.79	1.71	1.33	1.54	1.83	2.03	2.02	2.29	2.39	2.74	3.12	3.59	3.92	4.38	4.01	3.55	3.34	2.40	2.82	2.86	2.39
	-0.01	-0.01	0.00	0.00	0.00	0.00	0																	

GOWANUS_GT2_5 24118	35.63 1.95 -0.01	33.58 2.02 -0.01	30.24 1.84 0.00	30.18 1.79 0.00	30.29 1.71 0.00	33.66 1.33 0.00	35.07 1.54 0.00	35.20 1.87 0.00	34.68 1.99 0.00	33.56 1.96 0.00	34.70 2.06 0.00	37.43 2.25 0.00	39.56 2.55 0.00	44.70 3.16 0.00	49.60 3.63 0.00	51.16 3.88 0.00	57.98 4.54 -0.01	69.82 4.08 0.00	74.90 3.97 0.00	81.36 3.58 0.00	67.50 2.60 0.00	59.26 2.77 -0.01	51.28 2.81 0.00	42.30 2.39 -0.01
GOWANUS_GT2_6 24119	35.63 1.95 -0.01	33.58 2.02 -0.01	30.24 1.84 0.00	30.18 1.79 0.00	30.29 1.71 0.00	33.66 1.33 0.00	35.07 1.54 0.00	35.20 1.87 0.00	34.68 1.99 0.00	33.56 1.96 0.00	34.70 2.06 0.00	37.43 2.25 0.00	39.56 2.55 0.00	44.70 3.16 0.00	49.60 3.63 0.00	51.16 3.88 0.00	57.98 4.54 -0.01	69.82 4.08 0.00	74.90 3.97 0.00	81.36 3.58 0.00	67.50 2.60 0.00	59.26 2.77 -0.01	51.28 2.81 0.00	42.30 2.39 -0.01
GOWANUS_GT2_7 24120	35.63 1.95 -0.01	33.58 2.02 -0.01	30.24 1.84 0.00	30.18 1.79 0.00	30.29 1.71 0.00	33.66 1.33 0.00	35.07 1.54 0.00	35.20 1.87 0.00	34.68 1.99 0.00	33.56 1.96 0.00	34.70 2.06 0.00	37.43 2.25 0.00	39.56 2.55 0.00	44.70 3.16 0.00	49.60 3.63 0.00	51.16 3.88 0.00	57.98 4.54 -0.01	69.82 4.08 0.00	74.90 3.97 0.00	81.36 3.58 0.00	67.50 2.60 0.00	59.26 2.77 -0.01	51.28 2.81 0.00	42.30 2.39 -0.01
GOWANUS_GT2_8 24121	35.63 1.95 -0.01	33.58 2.02 -0.01	30.24 1.84 0.00	30.18 1.79 0.00	30.29 1.71 0.00	33.66 1.33 0.00	35.07 1.54 0.00	35.20 1.87 0.00	34.68 1.99 0.00	33.56 1.96 0.00	34.70 2.06 0.00	37.43 2.25 0.00	39.56 2.55 0.00	44.70 3.16 0.00	49.60 3.63 0.00	51.16 3.88 0.00	57.98 4.54 -0.01	69.82 4.08 0.00	74.90 3.97 0.00	81.36 3.58 0.00	67.50 2.60 0.00	59.26 2.77 -0.01	51.28 2.81 0.00	42.30 2.39 -0.01
GOWANUS_GT3_1 24122	35.63 1.95 -0.01	33.58 2.02 -0.01	30.24 1.84 0.00	30.18 1.79 0.00	30.29 1.71 0.00	33.66 1.33 0.00	35.07 1.54 0.00	35.20 1.87 0.00	34.68 1.99 0.00	33.56 1.96 0.00	34.70 2.06 0.00	37.43 2.25 0.00	39.56 2.55 0.00	44.70 3.16 0.00	49.60 3.63 0.00	51.16 3.88 0.00	57.98 4.54 -0.01	69.82 4.08 0.00	74.90 3.97 0.00	81.36 3.58 0.00	67.50 2.60 0.00	59.26 2.77 -0.01	51.28 2.81 0.00	42.30 2.39 -0.01
GOWANUS_GT3_2 24123	35.63 1.95 -0.01	33.58 2.02 -0.01	30.24 1.84 0.00	30.18 1.79 0.00	30.29 1.71 0.00	33.66 1.33 0.00	35.07 1.54 0.00	35.20 1.87 																

GOWANUS_GT4_4 24133	35.70 2.02 -0.01	33.58 2.02 -0.01	30.24 1.85 0.00	30.18 1.79 0.00	30.29 1.71 0.00	33.66 1.33 0.00	35.07 1.54 0.00	35.17 1.83 0.00	34.71 2.03 0.00	33.62 2.02 0.00	34.93 2.29 0.00	37.57 2.39 0.00	39.75 2.74 0.00	44.66 3.12 0.00	49.55 3.59 0.00	51.21 3.92 0.00	57.82 4.38 -0.01	69.75 4.01 0.00	74.48 3.55 0.00	81.13 3.34 0.00	67.31 2.40 0.00	59.32 2.82 -0.01	51.33 2.86 0.00	42.30 2.39 -0.01
GOWANUS_GT4_5 24134	35.70 2.02 -0.01	33.58 2.02 -0.01	30.24 1.85 0.00	30.18 1.79 0.00	30.29 1.71 0.00	33.66 1.33 0.00	35.07 1.54 0.00	35.17 1.83 0.00	34.71 2.03 0.00	33.62 2.02 0.00	34.93 2.29 0.00	37.57 2.39 0.00	39.75 2.74 0.00	44.66 3.12 0.00	49.55 3.59 0.00	51.21 3.92 0.00	57.82 4.38 -0.01	69.75 4.01 0.00	74.48 3.55 0.00	81.13 3.34 0.00	67.31 2.40 0.00	59.32 2.82 -0.01	51.33 2.86 0.00	42.30 2.39 -0.01
GOWANUS_GT4_6 24135	35.70 2.02 -0.01	33.58 2.02 -0.01	30.24 1.85 0.00	30.18 1.79 0.00	30.29 1.71 0.00	33.66 1.33 0.00	35.07 1.54 0.00	35.17 1.83 0.00	34.71 2.03 0.00	33.62 2.02 0.00	34.93 2.29 0.00	37.57 2.39 0.00	39.75 2.74 0.00	44.66 3.12 0.00	49.55 3.59 0.00	51.21 3.92 0.00	57.82 4.38 -0.01	69.75 4.01 0.00	74.48 3.55 0.00	81.13 3.34 0.00	67.31 2.40 0.00	59.32 2.82 -0.01	51.33 2.86 0.00	42.30 2.39 -0.01
GOWANUS_GT4_7 24136	35.70 2.02 -0.01	33.58 2.02 -0.01	30.24 1.85 0.00	30.18 1.79 0.00	30.29 1.71 0.00	33.66 1.33 0.00	35.07 1.54 0.00	35.17 1.83 0.00	34.71 2.03 0.00	33.62 2.02 0.00	34.93 2.29 0.00	37.57 2.39 0.00	39.75 2.74 0.00	44.66 3.12 0.00	49.55 3.59 0.00	51.21 3.92 0.00	57.82 4.38 -0.01	69.75 4.01 0.00	74.48 3.55 0.00	81.13 3.34 0.00	67.31 2.40 0.00	59.32 2.82 -0.01	51.33 2.86 0.00	42.30 2.39 -0.01
GOWANUS_GT4_8 24137	35.70 2.02 -0.01	33.58 2.02 -0.01	30.24 1.85 0.00	30.18 1.79 0.00	30.29 1.71 0.00	33.66 1.33 0.00	35.07 1.54 0.00	35.17 1.83 0.00	34.71 2.03 0.00	33.62 2.02 0.00	34.93 2.29 0.00	37.57 2.39 0.00	39.75 2.74 0.00	44.66 3.12 0.00	49.55 3.59 0.00	51.21 3.92 0.00	57.82 4.38 -0.01	69.75 4.01 0.00	74.48 3.55 0.00	81.13 3.34 0.00	67.31 2.40 0.00	59.32 2.82 -0.01	51.33 2.86 0.00	42.30 2.39 -0.01
GREENBSH_115KV_TB3 55895	34.61 0.94 0.00	32.60 1.04 0.00	29.41 1.02 0.00	29.41 1.02 0.00	29.55 0.97 0.00	33.11 0.78 0.00	34.26 0.74 0.00	34.10 0.77 0.00	33.14 0.46 0.00	31.98 0.38 0.00	32.97 0.33 0.00	35.60 0.42 0.00	37.49 0.48 0.00	42.17 0.62 0.00	46.70 0.74 0.00	47.62 0.33 0.00	53.96 0.53 0.00	66.00 0.26 0.00	71.14 0.21 0.00	77.86 0.08 0.00	65.30 0.39 0.00	56.94 0.45 0.00	48.95 0.48 0.00	40.45 0.56 0.00
GREENDGE_115KV_TB5 80291	33.80 0.13 0.00	38.21 0.16 -6.50	35.81 0.09 -7.34	38.14 0.11 -9.64	36.53 0.17 -7.78	47.98 0.19 -15.45	49.00 0.34 -15.14	34.81 0.27 -1.21	32.73 0.00 -0.05	31.47 -0.13 0.00	32.51 -0.13 0.00	35.11 -0.07 0.00	36.97 -0.04 0.00	42.18 0.08 -0.55	46.76 0.32 -0.47	48.59 0.71 -0.59	55.75 1.23 -1.09	90.43 3.22 -21.47	84.93 4.11 -9.89	103.68 4.90 -20.99	81.23 3.70 -12.62	70.67 2.88 -11.30	56.57 1.45 -6.65	40.98 0.84 -0.25
GREENIDGE___3 23582	33.80 0.13 0.00	38.21 0.16 -6.50	35.81 0.09 -7.34	38.14 0.11 -9.64	36.53 0.17 -7.78	47.98 0.19 -15.45	49.00 0.34 -15.14	34.81 0.27 -1.21	32.73 0.00 -0.05	31.47 -0.13 0.00	32.51 -0.13 0.00	35.11 -0.07 0.00	36.97 -0.04 0.00	42.18 0.08 -0.55	46.76 0.32 -0.47	48.59 0.71 -0.59	55.75 1.23 -1.09	90.43 3.22 -21.47	84.93 4.11 -9.89	103.68 4.90 -20.99	81.23 3.70 -12.62	70.67 2.88 -11.30	56.57 1.45 -6.65	40.98 0.84 -0.25
GREENIDGE___4 23583	33.84 0.17 0.00	38.21 0.16 -6.50	35.81 0.09 -7.34	38.14 0.11 -9.64	36.53 0.17 -7.78	47.98 0.20 -15.45	49.00 0.34 -15.14	34.81 0.27 -1.21	32.73 0.00 -0.05	31.82 0.22 0.00	32.90 0.26 0.00	35.35 0.18 0.00	37.05 0.04 0.00	42.18 0.08 -0.55	46.76 0.32 -0.47	48.68 0.80 -0.59	55.75 1.28 -1.04	87.53 2.82 -18.96	84.72 3.90 -9.89	103.44 4.67 -20.99	81.16 3.63 -12.62	70.56 2.77 -11.30	56.62 1.50 -6.65	40.99 0.84 -0.25
GREENLWN_69_KV_BK 3 55738	33.52 1.95 2.10	31.71 1.77 1.61	29.22 1.73 0.90	29.98 1.59 0.00	30.06 1.49 0.00	33.63 1.29 0.00	35.27 1.74 0.00	35.34 2.00 0.00	34.51 1.83 0.00	33.18 1.58 0.00	34.70 2.06 0.00	37.39 2.22 0.00	39.75 2.74 0.00	44.58 3.03 0.00	49.41 3.45 0.00	51.40 4.11 0.00	55.67 2.24 0.01	67.50 1.77 0.01	72.34 1.42 0.01	78.78 1.01 0.01	65.55 0.65 0.01	57.10 0.62 0.01	51.52 3.05 0.00	42.25 2.35 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	35.70 2.02 -0.01	33.58 2.02 -0.01	30.24 1.85 0.00	30.18 1.79 0.00	30.29 1.71 0.00	33.66 1.33 0.00	35.07 1.54 0.00	35.17 1.83 0.00	34.71 2.03 0.00	33.62 2.02 0.00	34.93 2.29 0.00	37.57 2.39 0.00	39.75 2.74 0.00	44.66 3.12 0.00	49.55 3.59 0.00	51.21 3.92 0.00	57.82 4.38 -0.01	69.75 4.01 0.00	74.48 3.55 0.00	81.13 3.34 0.00	67.31 2.40 0.00	59.32 2.82 -0.01	51.33 2.86 0.00	42.30 2.39 -0.01
GRISSOM___SOLAR 323813	35.39 1.72 0.00	33.32 1.77 0.00	30.04 1.65 0.00	30.04 1.65 0.00	30.26 1.69 0.00	34.02 1.68 0.00	34.93 1.41 0.00	34.13 0.80 0.00	33.04 0.36 0.00	31.57 -0.03 0.00	32.35 -0.29 0.00	35.14 -0.04 0.00	36.97 -0.04 0.00	41.67 0.13 0.00	46.24 0.28 0.00	47.52 0.24 0.00	54.18 0.75 0.00	66.98 1.25 0.00	73.34 2.41 0.00	81.59 3.81 0.00	68.60 3.70 0.00	59.65 3.16 0.00	51.08 2.62 0.00	41.97 2.07 0.00
GROVEVILLE___HYD 323602	35.45 1.78 0.00	33.35 1.80 0.00	30.07 1.68 0.00	30.01 1.62 0.00	30.12 1.54 0.00	33.66 1.33 0.00	34.97 1.44 0.00	34.94 1.60 0.00	34.38 1.70 0.00	33.12 1.52 0.00	34.34 1.70 0.00	36.97 1.79 0.00	39.05 2.04 0.00	44.00 2.45 0.00	48.86 2.90 0.00	50.50 3.22 0.00	57.06 3.63 0.00	69.68 3.94 0.00	74.90 3.97 0.00	81.83 4.04 0.00	68.02 3.12 0.00	59.20 2.71 0.00	51.04 2.57 0.00	41.97 2.07 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	33.37 -0.30 0.00	31.24 -0.32 0.00	28.11 -0.28 0.00	28.11 -0.28 0.00	28.29 -0.29 0.00	32.08 -0.26 0.00	33.26 -0.27 0.00	33.07 -0.27 0.00	32.42 -0.26 0.00	31.32 -0.28 0.00	32.38 -0.26 0.00	34.86 -0.32 0.00	36.60 -0.41 0.00	41.94 -0.42 -0.81	46.30 -0.37 -0.70	48.01 -0.14 -0.86	54.30 -0.16 -1.03	67.36 0.53 -1.09	72.53 0.64 -0.96	80.02 0.86 -1.38	65.71 0.52 -0.29	57.07 0.34 -0.25	49.08 -0.05 -0.66	40.10 -0.12 -0.32
HAMLTNNY_34_KV_TB 80303	33.37 -0.30 0.00	31.21 -0.35 0.00	28.05 -0.34 0.00	28.05 -0.34 0.00	28.26 -0.31 0.00	31.92 -0.42 0.00	33.12 -0.40 0.00	32.90 -0.43 0.00	32.29 -0.39 0.00	31.22 -0.38 0.00	32.25 -0.39 0.00	34.72 -0.46 0.00	36.49 -0.52 0.00	41.99 -0.58 -1.03	46.34 -0.51 -0.88	48.05 -0.33 -1.09	54.41 -0.32 -1.30	67.45 0.33 -1.38	72.71 0.57 -1.21	80.31 0.78 -1.74	65.66 0.39 -0.36	56.97 0.17 -0.31	49.06 -0.24 -0.84	40.02 -0.28 -0.41

HAMPSHIRE___PAPER_HYD 323593	33.87 0.20 0.00	31.62 0.06 0.00	28.36 -0.03 0.00	28.39 0.00 0.00	28.52 -0.06 0.00	32.50 0.16 0.00	33.79 0.27 0.00	33.34 0.00 0.00	32.65 -0.03 0.00	31.54 -0.06 0.00	32.58 -0.07 0.00	35.18 0.00 0.00	37.09 0.07 0.00	41.50 -0.04 0.00	45.65 -0.32 0.00	46.77 -0.52 0.00	52.63 -0.80 0.00	65.48 -0.26 0.00	71.64 0.71 0.00	79.42 1.64 0.00	66.46 1.56 0.00	57.62 1.13 0.00	49.29 0.82 0.00	40.49 0.60 0.00
HARDSCRABBLE_WT_PWR 323673	33.84 0.17 0.00	31.81 0.25 0.00	28.65 0.25 0.00	28.68 0.28 0.00	28.86 0.29 0.00	32.57 0.23 0.00	33.73 0.20 0.00	33.50 0.17 0.00	32.85 0.16 0.00	31.70 0.10 0.00	32.77 0.13 0.00	35.35 0.18 0.00	37.20 0.19 0.00	41.75 0.21 0.00	46.20 0.23 0.00	47.52 0.24 0.00	53.64 0.21 0.00	66.07 0.33 0.00	71.36 0.43 0.00	78.33 0.55 0.00	65.42 0.52 0.00	56.89 0.40 0.00	48.90 0.44 0.00	40.21 0.32 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	35.32 1.65 0.00	33.16 1.61 0.00	29.90 1.50 0.00	29.84 1.45 0.00	29.95 1.37 0.00	33.50 1.16 0.00	34.83 1.31 0.00	34.84 1.50 0.00	34.25 1.57 0.00	33.05 1.45 0.00	34.28 1.63 0.00	36.90 1.72 0.00	38.97 1.96 0.00	43.87 2.33 0.00	48.72 2.76 0.00	50.36 3.07 0.00	56.90 3.47 0.00	69.49 3.75 0.00	74.62 3.69 0.00	81.44 3.66 0.00	67.76 2.86 0.00	58.92 2.43 0.00	50.79 2.33 0.00	41.81 1.91 0.00
HARSNRAD_115KV_TB1 81005	29.90 -3.77 0.00	25.11 -3.38 3.07	21.86 -3.07 3.47	20.83 -3.01 4.55	21.84 -3.06 3.68	21.73 -3.43 7.18	23.21 -3.29 7.03	29.01 -3.93 0.39	29.10 -3.56 0.02	28.38 -3.22 0.00	29.31 -3.33 0.00	31.77 -3.41 0.00	33.35 -3.66 0.00	37.64 -3.91 0.00	41.69 -4.27 0.00	43.35 -3.92 0.01	48.86 -4.43 0.14	55.23 -3.88 6.63	62.84 -3.83 4.26	64.44 -4.12 9.22	54.97 -4.22 5.72	47.26 -4.01 5.22	41.31 -4.27 2.89	36.00 -3.87 0.02
HARZA MOOSE___RIVER 24016	34.21 0.54 0.00	32.03 0.47 0.00	28.76 0.37 0.00	28.79 0.40 0.00	28.92 0.34 0.00	32.76 0.42 0.00	34.06 0.54 0.00	33.67 0.33 0.00	32.91 0.23 0.00	31.76 0.16 0.00	32.77 0.13 0.00	35.42 0.25 0.00	37.27 0.26 0.00	41.84 0.29 0.00	46.24 0.28 0.00	47.57 0.28 0.00	53.91 0.48 0.00	67.05 1.31 0.00	73.06 2.13 0.00	80.90 3.11 0.00	67.50 2.60 0.00	58.46 1.98 0.00	49.87 1.41 0.00	40.89 1.00 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	33.13 -0.54 0.00	31.02 -0.54 0.00	27.91 -0.48 0.00	27.91 -0.48 0.00	28.09 -0.49 0.00	31.72 -0.61 0.00	32.92 -0.60 0.00	32.74 -0.60 0.00	32.13 -0.56 0.00	31.06 -0.54 0.00	32.09 -0.55 0.00	34.54 -0.63 0.00	36.27 -0.74 0.00	41.10 -0.79 -0.34	45.43 -0.83 -0.29	46.99 -0.66 -0.36	53.11 -0.75 -0.43	65.87 -0.33 -0.46	71.05 -0.28 -0.40	78.13 -0.23 -0.58	64.64 -0.39 -0.12	56.14 -0.45 -0.10	48.02 -0.73 -0.28	39.39 -0.64 -0.14
HELLGATE_13_KV_LD 55870	35.62 1.95 0.00	33.61 2.05 -0.01	30.27 1.87 0.00	30.21 1.82 0.00	30.32 1.74 0.00	33.76 1.42 0.00	35.17 1.64 0.00	35.30 1.97 0.00	34.84 2.16 0.00	33.75 2.15 0.00	35.03 2.38 0.00	37.64 2.46 0.00	39.82 2.81 0.00	44.70 3.16 0.00	49.55 3.59 0.00	51.16 3.88 0.00	57.76 4.33 0.00	69.88 4.14 0.00	74.76 3.83 0.00	81.44 3.66 0.00	67.50 2.60 0.00	59.20 2.71 0.00	51.23 2.76 0.00	42.21 2.31 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	35.62 1.95 0.00	33.61 2.05 -0.01	30.27 1.87 0.00	30.21 1.82 0.00	30.32 1.74 0.00	33.76 1.42 0.00	35.17 1.64 0.00	35.30 1.97 0.00	34.84 2.16 0.00	33.75 2.15 0.00	35.03 2.38 0.00	37.64 2.46 0.00	39.82 2.81 0.00	44.70 3.16 0.00	49.55 3.59 0.00	51.16 3.88 0.00	57.76 4.33 0.00	69.88 4.14 0.00	74.76 3.83 0.00	81.44 3.66 0.00	67.50 2.60 0.00	59.20 2.71 0.00	51.23 2.76 0.00	42.21 2.31 0.00
HEMPSTEAD___ 23647	35.49 1.82 0.00	33.29 1.73 0.00	30.07 1.67 0.00	29.98 1.59 0.00	30.06 1.49 0.00	33.60 1.26 0.00	35.17 1.64 0.00	35.30 1.97 0.00	34.51 1.83 0.00	33.15 1.55 0.00	34.47 1.83 0.00	37.08 1.90 0.00	39.38 2.37 0.00	44.58 3.03 0.00	49.42 3.45 0.00	50.98 3.69 -0.01	56.63 3.21 0.01	68.82 3.09 0.01	73.76 2.84 0.01	80.19 2.41 0.01	66.72 1.81 0.01	58.06 1.58 0.01	51.08 2.62 0.00	42.05 2.15 0.00
HICKLING___1 23621	33.23 -0.44 0.00	33.95 -0.32 -2.71	31.12 -0.34 -3.06	32.13 -0.28 -4.03	31.57 -0.26 -3.25	38.89 -0.26 -6.81	40.03 -0.17 -6.67	33.11 -0.43 -0.21	32.01 -0.69 -0.01	30.94 -0.66 0.00	32.02 -0.62 0.00	34.62 -0.56 0.00	36.49 -0.52 0.00	41.50 -0.46 -0.41	46.00 -0.32 -0.35	48.01 0.28 -0.44	54.67 0.64 -0.60	72.79 2.37 -4.69	78.67 2.98 -4.76	91.33 3.58 -9.97	73.32 2.53 -5.88	63.70 1.92 -5.29	52.22 0.68 -3.08	40.31 0.24 -0.18
HICKLING___2 23622	33.23 -0.44 0.00	33.95 -0.32 -2.71	31.12 -0.34 -3.06	32.13 -0.28 -4.03	31.57 -0.26 -3.25	38.89 -0.26 -6.81	40.03 -0.17 -6.67	33.11 -0.43 -0.21	32.01 -0.69 -0.01	30.94 -0.66 0.00	32.02 -0.62 0.00	34.62 -0.56 0.00	36.49 -0.52 0.00	41.50 -0.46 -0.41	46.00 -0.32 -0.35	48.01 0.28 -0.44	54.67 0.64 -0.60	72.79 2.37 -4.69	78.67 2.98 -4.76	91.33 3.58 -9.97	73.32 2.53 -5.88	63.70 1.92 -5.29	52.22 0.68 -3.08	40.31 0.24 -0.18
HIGH FALLS___HY 23754	35.39 1.72 0.00	33.26 1.70 0.00	29.95 1.56 0.00	29.90 1.50 0.00	29.98 1.40 0.00	33.57 1.23 0.00	34.87 1.34 0.00	34.94 1.60 0.00	34.45 1.76 0.00	33.18 1.58 0.00	34.44 1.80 0.00	37.01 1.83 0.00	39.08 2.07 0.00	44.00 2.45 0.00	48.91 2.94 0.00	50.79 3.50 0.00	57.38 3.95 0.00	70.27 4.54 0.00	75.47 4.54 0.00	82.53 4.74 0.00	68.54 3.63 0.00	59.54 3.05 0.00	51.28 2.81 0.00	42.13 2.23 0.00
HIGH_RIVER___SOLAR 323847	34.98 1.31 0.00	32.94 1.39 0.00	29.70 1.31 0.00	29.67 1.28 0.00	29.86 1.29 0.00	33.57 1.23 0.00	34.60 1.07 0.00	33.84 0.50 0.00	32.85 0.16 0.00	31.47 -0.13 0.00	32.35 -0.29 0.00	35.04 -0.14 0.00	36.90 -0.11 0.00	41.55 0.00 0.00	46.01 0.05 0.00	47.24 -0.05 0.00	53.86 0.43 0.00	66.59 0.85 0.00	72.49 1.56 0.00	80.20 2.41 0.00	67.24 2.33 0.00	58.52 2.03 0.00	50.26 1.79 0.00	41.37 1.48 0.00
HILLBURN___GT 23639	35.15 1.48 0.00	33.07 1.51 0.00	29.81 1.42 0.00	29.75 1.36 0.00	29.89 1.32 0.00	33.40 1.07 0.00	34.77 1.24 0.00	34.87 1.53 0.00	34.25 1.57 0.00	33.02 1.42 0.00	34.15 1.50 0.00	36.87 1.69 0.00	38.93 1.92 0.00	43.95 2.41 0.00	48.72 2.76 0.00	50.22 2.93 0.00	56.80 3.37 0.00	69.22 3.48 0.00	74.26 3.33 0.00	80.81 3.03 0.00	67.24 2.33 0.00	58.46 1.98 0.00	50.55 2.08 0.00	41.65 1.75 0.00
HILLSIDE_115KV_TB1 80332	33.00 -0.67 0.00	33.49 -0.44 -2.37	30.62 -0.45 -2.68	31.49 -0.43 -3.52	31.02 -0.40 -2.84	37.79 -0.49 -5.93	38.94 -0.40 -5.82	32.88 -0.63 -0.18	31.84 -0.85 -0.01	30.78 -0.82 0.00	31.86 -0.78 0.00	34.44 -0.74 0.00	36.23 -0.78 0.00	41.24 -0.75 -0.44	45.66 -0.69 -0.38	47.52 -0.24 -0.47	54.11 0.05 -0.63	71.21 1.31 -4.15	76.88 1.70 -4.25	88.72 2.10 -8.83	71.50 1.43 -5.16	62.14 1.02 -4.64	51.31 0.10 -2.75	39.88 -0.20 -0.19

HISHELDN_WT_PWR 323625	30.84 -2.83 0.00	19.08 -2.65 9.82	14.85 -2.44 11.10	11.43 -2.38 14.58	14.40 -2.40 11.77	9.38 -2.62 20.34	11.11 -2.48 19.93	29.25 -2.90 1.18	29.79 -2.84 0.05	29.74 -1.86 0.00	30.94 -1.70 0.00	33.10 -2.08 0.00	34.42 -2.59 0.00	38.68 -2.87 0.00	42.84 -3.13 0.00	44.80 -2.46 0.03	50.20 -2.78 0.45	41.03 -2.30 22.40	57.63 -1.84 11.45	51.15 -1.79 24.85	47.51 -2.01 15.39	40.60 -2.20 13.68	37.59 -2.71 8.17	37.21 -2.63 0.05
HOLTSVILLE_IC_1 23690	45.84 2.22 -9.95	41.27 2.08 -7.64	34.69 2.02 -4.28	30.27 1.87 0.00	30.32 1.74 0.00	33.92 1.58 0.00	35.61 2.08 0.00	35.70 2.37 0.00	34.78 2.09 0.00	33.27 1.67 0.00	34.70 2.06 0.00	37.15 1.97 0.00	39.68 2.67 0.00	44.95 3.41 0.00	49.60 3.63 0.00	51.17 3.88 -0.01	56.04 2.62 0.01	67.89 2.17 0.02	72.90 1.98 0.01	79.24 1.47 0.02	65.81 0.91 0.01	57.38 0.90 0.01	51.52 3.06 0.00	42.45 2.56 0.00
HOLTSVILLE_IC_10 23699	46.81 2.39 -10.75	42.04 2.24 -8.25	35.17 2.16 -4.62	30.41 2.02 0.00	30.46 1.89 0.00	34.08 1.75 0.00	35.77 2.25 0.00	35.90 2.57 0.00	34.91 2.22 0.00	33.40 1.80 0.00	34.86 2.22 0.00	37.32 2.15 0.00	39.90 2.89 0.00	45.20 3.66 0.00	49.87 3.90 0.00	51.50 4.21 -0.01	56.41 2.99 0.01	68.42 2.70 0.01	73.47 2.55 0.01	79.87 2.10 0.01	66.26 1.37 0.01	57.72 1.24 0.01	51.86 3.39 0.00	42.69 2.79 0.00
HOLTSVILLE_IC_2 23691	45.84 2.22 -9.95	41.27 2.08 -7.64	34.69 2.02 -4.28	30.27 1.87 0.00	30.32 1.74 0.00	33.92 1.58 0.00	35.61 2.08 0.00	35.70 2.37 0.00	34.78 2.09 0.00	33.27 1.67 0.00	34.70 2.06 0.00	37.15 1.97 0.00	39.68 2.67 0.00	44.95 3.41 0.00	49.60 3.63 0.00	51.17 3.88 -0.01	56.04 2.62 0.01	67.89 2.17 0.02	72.90 1.98 0.01	79.24 1.47 0.02	65.81 0.91 0.01	57.38 0.90 0.01	51.52 3.06 0.00	42.45 2.56 0.00
HOLTSVILLE_IC_3 23692	45.84 2.22 -9.95	41.27 2.08 -7.64	34.69 2.02 -4.28	30.27 1.87 0.00	30.32 1.74 0.00	33.92 1.58 0.00	35.61 2.08 0.00	35.70 2.37 0.00	34.78 2.09 0.00	33.27 1.67 0.00	34.70 2.06 0.00	37.15 1.97 0.00	39.68 2.67 0.00	44.95 3.41 0.00	49.60 3.63 0.00	51.17 3.88 -0.01	56.04 2.62 0.01	67.89 2.17 0.02	72.90 1.98 0.01	79.24 1.47 0.02	65.81 0.91 0.01	57.38 0.90 0.01	51.52 3.06 0.00	42.45 2.56 0.00
HOLTSVILLE_IC_4 23693	45.84 2.22 -9.95	41.27 2.08 -7.64	34.69 2.02 -4.28	30.27 1.87 0.00	30.32 1.74 0.00	33.92 1.58 0.00	35.61 2.08 0.00	35.70 2.37 0.00	34.78 2.09 0.00	33.27 1.67 0.00	34.70 2.06 0.00	37.15 1.97 0.00	39.68 2.67 0.00	44.95 3.41 0.00	49.60 3.63 0.00	51.17 3.88 -0.01	56.04 2.62 0.01	67.89 2.17 0.02	72.90 1.98 0.01	79.24 1.47 0.02	65.81 0.91 0.01	57.38 0.90 0.01	51.52 3.06 0.00	42.45 2.56 0.00
HOLTSVILLE_IC_5 23694	45.84 2.22 -9.95	41.27 2.08 -7.64	34.69 2.02 -4.28	30.27 1.87 0.00	30.32 1.74 0.00	33.92 1.58 0.00	35.61 2.08 0.00	35.70 2.37 0.00	34.78 2.09 0.00	33.27 1.67 0.00	34.70 2.06 0.00	37.15 1.97 0.00	39.68 2.67 0.00	44.95 3.41 0.00	49.60 3.63 0.00	51.17 3.88 -0.01	56.04 2.62 0.01	67.89 2.17 0.02	72.90 1.98 0.01	79.24 1.47 0.02	65.81 0.91 0.01	57.38 0.90 0.01	51.52 3.06 0.00	42.45 2.56 0.00
HOLTSVILLE_IC_6 23695	46.81 2.39 -10.75	42.04 2.24 -8.25	35.17 2.16 -4.62	30.41 2.02 0.00	30.46 1.89 0.00	34.08 1.75 0.00	35.77 2.25 0.00	35.90 2.57 0.00	34.91 2.22 0.00	33.40 1.80 0.00	34.86 2.22 0.00	37.32 2.15 0.00	39.90 2.89 0.00	45.20 3.66 0.00	49.87 3.90 0.00	51.50 4.21 -0.01	56.41 2.99 0.01	68.42 2.70 0.01	73.47 2.55 0.01	79.87 2.10 0.01	66.26 1.37 0.01	57.72 1.24 0.01	51.86 3.39 0.00	42.69 2.79 0.00
HOLTSVILLE_IC_7 23696	46.81 2.39 -10.75	42.04 2.24 -8.25	35.17 2.16 -4.62	30.41 2.02 0.00	30.46 1.89 0.00	34.08 1.75 0.00	35.77 2.25 0.00	35.90 2.57 0.00	34.91 2.22 0.00	33.40 1.80 0.00	34.86 2.22 0.00	37.32 2.15 0.00	39.90 2.89 0.00	45.20 3.66 0.00	49.87 3.90 0.00	51.50 4.21 -0.01	56.41 2.99 0.01	68.42 2.70 0.01	73.47 2.55 0.01	79.87 2.10 0.01	66.26 1.37 0.01	57.72 1.24 0.01	51.86 3.39 0.00	42.69 2.79 0.00
HOLTSVILLE_IC_8 23697	46.81 2.39 -10.75	42.04 2.24 -8.25	35.17 2.16 -4.62	30.41 2.02 0.00	30.46 1.89 0.00	34.08 1.75 0.00	35.77 2.25 0.00	35.90 2.57 0.00	34.91 2.22 0.00	33.40 1.80 0.00	34.86 2.22 0.00	37.32 2.15 0.00	39.90 2.89 0.00	45.20 3.66 0.00	49.87 3.90 0.00	51.50 4.21 -0.01	56.41 2.99 0.01	68.42 2.70 0.01	73.47 2.55 0.01	79.87 2.10 0.01	66.26 1.37 0.01	57.72 1.24 0.01	51.86 3.39 0.00	42.69 2.79 0.00
HOLTSVILLE_IC_9 23698	46.81 2.39 -10.75	42.04 2.24 -8.25	35.17 2.16 -4.62	30.41 2.02 0.00	30.46 1.89 0.00	34.08 1.75 0.00	35.77 2.25 0.00	35.90 2.57 0.00	34.91 2.22 0.00	33.40 1.80 0.00	34.86 2.22 0.00	37.32 2.15 0.00	39.90 2.89 0.00	45.20 3.66 0.00	49.87 3.90 0.00	51.50 4.21 -0.01	56.41 2.99 0.01	68.42 2.70 0.01	73.47 2.55 0.01	79.87 2.10 0.01	66.26 1.37 0.01	57.72 1.24 0.01	51.86 3.39 0.00	42.69 2.79 0.00
HOMER_HL_115KV_TB2 355744	30.74 -2.93 0.00	28.81 -1.61 1.14	25.63 -1.48 1.28	25.26 -1.45 1.68	25.73 -1.49 1.36	23.11 -1.46 7.77	24.67 -1.24 7.61	31.52 -1.37 0.45	30.18 -2.48 0.02	29.33 -2.28 0.00	30.42 -2.22 0.00	33.07 -2.11 0.00	34.75 -2.26 0.00	39.22 -2.33 0.00	43.53 -2.44 0.00	45.20 -2.08 0.01	52.14 -1.18 0.11	60.52 0.00 5.22	67.54 0.14 3.53	70.37 0.23 7.65	60.04 -0.13 4.74	52.22 -0.06 4.22	44.38 -0.97 3.12	38.52 -1.36 0.02
HOWARD_WT_PWR 323690	32.29 -1.38 0.00	41.58 -1.32 -11.35	39.90 -1.31 -12.82	43.98 -1.25 -16.84	40.98 -1.20 -13.60	62.72 -1.23 -31.61	63.50 -1.00 -30.98	35.65 -1.30 -3.62	31.26 -1.57 -0.15	30.72 -0.88 0.00	31.86 -0.78 0.00	34.19 -0.98 0.00	35.71 -1.30 0.00	40.21 -1.33 0.00	44.63 -1.33 0.00	47.10 -0.57 -0.38	54.04 -0.53 -1.15	104.46 0.79 -37.93	92.19 1.84 -19.42	122.37 2.72 -41.86	92.49 1.88 -25.70	80.53 1.02 -23.03	61.09 -0.34 -12.96	39.19 -0.92 -0.21
HQ_GEN_CEDARS 23644	33.70 0.03 0.00	31.43 -0.13 0.00	28.19 -0.20 0.00	28.22 -0.17 0.00	28.41 -0.17 0.00	32.40 0.06 0.00	33.69 0.17 0.00	33.37 0.03 0.00	32.75 0.07 0.00	31.73 0.13 0.00	32.77 0.13 0.00	35.35 0.18 0.00	37.31 0.30 0.00	41.75 0.21 0.00	45.97 0.00 0.00	47.19 -0.09 0.00	53.16 -0.27 0.00	65.41 -0.33 0.00	70.93 0.00 0.00	78.10 0.31 0.00	65.10 0.19 0.00	56.66 0.17 0.00	48.71 0.24 0.00	40.13 0.24 0.00
HQ_GEN_CEDARS_PROXY 323590	33.97 0.03 -0.27	31.16 -0.13 0.27	28.19 -0.20 0.00	28.22 -0.17 0.00	28.41 -0.17 0.00	32.35 0.06 0.05	33.75 0.17 -0.05	33.37 0.03 0.00	32.75 0.07 0.00	31.73 0.13 0.00	32.77 0.13 0.00	35.32 0.14 0.00	37.31 0.29 0.00	41.75 0.21 0.00	45.97 0.00 0.00	47.19 -0.09 0.00	52.95 -0.48 0.00	65.41 -0.33 0.00	70.93 0.00 0.00	78.10 0.31 0.00	65.10 0.20 0.00	56.83 0.34 0.00	48.71 0.24 0.00	40.13 0.24 0.00

HQ_GEN_CHPE_PROXY 323851	35.59 1.65 -0.27	33.02 1.73 0.27	30.04 1.65 0.00	29.98 1.59 0.00	30.09 1.51 0.00	33.51 1.23 0.05	35.09 1.51 -0.05	35.17 1.83 0.00	34.61 1.93 0.00	33.43 1.83 0.00	34.54 1.89 0.00	37.25 2.07 0.00	39.34 2.33 0.00	44.41 2.86 0.00	49.28 3.31 0.00	50.79 3.50 0.00	57.49 4.06 0.00	69.75 4.01 0.00	74.69 3.76 0.00	81.20 3.42 0.00	67.50 2.60 0.00	58.80 2.32 0.00	50.94 2.47 0.00	41.93 2.03 0.00
HQ_GEN_IMPORT 323601	33.91 -0.03 -0.27	31.13 -0.16 0.27	28.22 -0.17 0.00	28.22 -0.17 0.00	-5.00 -0.14 33.43	65.78 0.06 -33.38	33.68 0.10 -0.05	33.44 0.10 0.00	32.78 0.10 0.00	31.73 0.13 0.00	32.77 0.13 0.00	35.32 0.14 0.00	37.20 0.19 0.00	41.71 0.17 0.00	46.10 0.14 0.00	47.43 0.14 0.00	53.43 0.00 0.00	65.87 0.13 0.00	71.07 0.14 0.00	78.02 0.23 0.00	65.10 0.20 0.00	56.71 0.23 0.00	48.66 0.19 0.00	40.05 0.16 0.00
HQ_GEN_WHEEL 23651	33.91 -0.03 -0.27	31.13 -0.16 0.27	28.22 -0.17 0.00	28.22 -0.17 0.00	-5.00 -0.14 33.43	65.78 0.06 -33.38	33.68 0.10 -0.05	33.44 0.10 0.00	32.78 0.10 0.00	31.73 0.13 0.00	32.77 0.13 0.00	35.32 0.14 0.00	37.20 0.19 0.00	41.71 0.17 0.00	46.10 0.14 0.00	47.43 0.14 0.00	53.43 0.00 0.00	65.87 0.13 0.00	71.07 0.14 0.00	78.02 0.23 0.00	65.10 0.20 0.00	56.71 0.23 0.00	48.66 0.19 0.00	40.05 0.16 0.00
HUDSON_AVE_GT_3 23810	35.42 1.75 0.00	33.35 1.80 0.00	30.07 1.68 0.00	30.01 1.62 0.00	30.12 1.54 0.00	33.63 1.29 0.00	35.10 1.58 0.00	35.20 1.87 0.00	34.71 2.03 0.00	33.59 1.99 0.00	34.86 2.22 0.00	37.46 2.29 0.00	39.64 2.63 0.00	44.49 2.95 0.00	49.32 3.36 0.00	50.97 3.69 0.00	57.49 4.06 0.00	69.81 4.08 0.00	74.69 3.76 0.00	81.44 3.66 0.00	67.57 2.66 0.00	58.97 2.49 0.00	51.08 2.62 0.00	42.01 2.11 0.00
HUDSON_AVE_GT_4 23540	35.42 1.75 0.00	33.35 1.80 0.00	30.07 1.68 0.00	30.01 1.62 0.00	30.12 1.54 0.00	33.63 1.29 0.00	35.10 1.58 0.00	35.20 1.87 0.00	34.71 2.03 0.00	33.59 1.99 0.00	34.86 2.22 0.00	37.46 2.29 0.00	39.64 2.63 0.00	44.49 2.95 0.00	49.32 3.36 0.00	50.97 3.69 0.00	57.49 4.06 0.00	69.81 4.08 0.00	74.69 3.76 0.00	81.44 3.66 0.00	67.57 2.66 0.00	58.97 2.49 0.00	51.08 2.62 0.00	42.01 2.11 0.00
HUDSON_AVE_GT_5 23657	35.42 1.75 0.00	33.35 1.80 0.00	30.07 1.68 0.00	30.01 1.62 0.00	30.12 1.54 0.00	33.63 1.29 0.00	35.10 1.58 0.00	35.20 1.87 0.00	34.71 2.03 0.00	33.59 1.99 0.00	34.86 2.22 0.00	37.46 2.29 0.00	39.64 2.63 0.00	44.49 2.95 0.00	49.32 3.36 0.00	50.97 3.69 0.00	57.49 4.06 0.00	69.81 4.08 0.00	74.69 3.76 0.00	81.44 3.66 0.00	67.57 2.66 0.00	58.97 2.49 0.00	51.08 2.62 0.00	42.01 2.11 0.00
HUDSON_AVE_I0 24168	35.35 1.68 0.00	33.26 1.70 0.00	29.98 1.59 0.00	29.92 1.53 0.00	30.03 1.46 0.00	33.53 1.20 0.00	35.04 1.51 0.00	35.14 1.80 0.00	34.68 1.99 0.00	33.59 1.99 0.00	34.77 2.12 0.00	37.39 2.22 0.00	39.53 2.52 0.00	44.41 2.87 0.00	49.23 3.26 0.00	50.88 3.59 0.00	57.38 3.95 0.00	69.62 3.88 0.00	74.55 3.62 0.00	81.21 3.42 0.00	67.37 2.47 0.00	58.80 2.32 0.00	51.04 2.57 0.00	41.93 2.03 0.00
HUDSON___115KV_TB 4 355613	35.15 1.48 0.00	33.13 1.58 0.00	29.87 1.48 0.00	29.87 1.48 0.00	30.01 1.43 0.00	33.63 1.29 0.00	34.73 1.21 0.00	34.40 1.07 0.00	33.37 0.69 0.00	32.07 0.47 0.00	33.04 0.39 0.00	35.71 0.53 0.00	37.60 0.59 0.00	42.33 0.79 0.00	47.02 1.06 0.00	48.00 0.71 0.00	54.55 1.12 0.00	67.05 1.31 0.00	72.70 1.77 0.00	79.88 2.10 0.00	66.98 2.08 0.00	58.35 1.86 0.00	49.97 1.50 0.00	41.25 1.36 0.00
HUNTER MOUNT___DRP 323613	35.29 1.62 0.00	33.23 1.67 0.00	29.98 1.59 0.00	29.95 1.56 0.00	30.09 1.51 0.00	33.70 1.36 0.00	34.77 1.24 0.00	34.37 1.03 0.00	33.34 0.65 0.00	32.01 0.41 0.00	32.94 0.29 0.00	35.60 0.42 0.00	37.49 0.48 0.00	42.25 0.71 0.00	46.98 1.01 0.00	47.95 0.66 0.00	54.55 1.12 0.00	67.18 1.45 0.00	72.92 1.99 0.00	80.12 2.33 0.00	67.31 2.40 0.00	58.52 2.03 0.00	50.12 1.65 0.00	41.33 1.44 0.00
HUNTINGTON_RES_REC 323705	28.35 2.09 7.40	27.80 1.93 5.68	27.11 1.90 3.19	30.15 1.76 0.00	30.20 1.63 0.00	33.79 1.46 0.00	35.47 1.94 0.00	35.60 2.27 0.00	34.64 1.96 0.00	33.18 1.58 0.00	34.60 1.96 0.00	37.11 1.93 0.00	39.64 2.63 0.00	44.95 3.41 0.00	49.74 3.77 0.00	51.27 3.97 -0.01	56.09 2.67 0.01	68.09 2.36 0.01	73.05 2.13 0.01	79.41 1.64 0.01	65.87 0.98 0.01	57.38 0.90 0.01	51.47 3.01 0.00	42.41 2.51 0.00
HUNTLEY___63 23557	30.17 -3.50 0.00	25.07 -3.19 3.30	21.77 -2.90 3.72	20.66 -2.84 4.89	21.74 -2.89 3.95	21.41 -3.20 7.72	22.91 -3.05 7.57	29.37 -3.53 0.43	29.33 -3.33 0.02	28.63 -2.97 0.00	29.61 -3.04 0.00	32.12 -3.06 0.00	33.75 -3.26 0.00	38.18 -3.37 0.00	42.29 -3.68 0.00	43.92 -3.36 0.01	49.50 -3.79 0.14	56.31 -3.09 6.34	64.33 -2.98 3.62	66.71 -3.27 7.81	56.48 -3.57 4.85	47.98 -3.45 5.06	41.49 -3.88 3.10	36.40 -3.47 0.02
HUNTLEY___64 23558	30.17 -3.50 0.00	25.07 -3.19 3.30	21.77 -2.90 3.72	20.66 -2.84 4.89	21.74 -2.89 3.95	21.41 -3.20 7.72	22.91 -3.05 7.57	29.37 -3.53 0.43	29.33 -3.33 0.02	28.63 -2.97 0.00	29.61 -3.04 0.00	32.12 -3.06 0.00	33.75 -3.26 0.00	38.18 -3.37 0.00	42.29 -3.68 0.00	43.92 -3.36 0.01	49.50 -3.79 0.14	56.31 -3.09 6.34	64.33 -2.98 3.62	66.71 -3.27 7.81	56.48 -3.57 4.85	47.98 -3.45 5.06	41.49 -3.88 3.10	36.40 -3.47 0.02
HUNTLEY___65 23559	30.17 -3.50 0.00	25.07 -3.19 3.30	21.77 -2.90 3.72	20.66 -2.84 4.89	21.74 -2.89 3.95	21.41 -3.20 7.72	22.91 -3.05 7.57	29.37 -3.53 0.43	29.33 -3.33 0.02	28.63 -2.97 0.00	29.61 -3.04 0.00	32.12 -3.06 0.00	33.75 -3.26 0.00	38.18 -3.37 0.00	42.29 -3.68 0.00	43.92 -3.36 0.01	49.50 -3.79 0.14	56.31 -3.09 6.34	64.33 -2.98 3.62	66.71 -3.27 7.81	56.48 -3.57 4.85	47.98 -3.45 5.06	41.49 -3.88 3.10	36.40 -3.47 0.02
HUNTLEY___66 23560	30.17 -3.50 0.00	25.07 -3.19 3.30	21.77 -2.90 3.72	20.66 -2.84 4.89	21.74 -2.89 3.95	21.41 -3.20 7.72	22.91 -3.05 7.57	29.37 -3.53 0.43	29.33 -3.33 0.02	28.63 -2.97 0.00	29.61 -3.04 0.00	32.12 -3.06 0.00	33.75 -3.26 0.00	38.18 -3.37 0.00	42.29 -3.68 0.00	43.92 -3.36 0.01	49.50 -3.79 0.14	56.31 -3.09 6.34	64.33 -2.98 3.62	66.71 -3.27 7.81	56.48 -3.57 4.85	47.98 -3.45 5.06	41.49 -3.88 3.10	36.40 -3.47 0.02
HUNTLEY___67 23561	30.13 -3.54 0.00	24.44 -3.31 3.80	21.09 -3.01 4.30	19.79 -2.95 5.64	21.02 -3.00 4.56	20.56 -3.33 8.45	22.06 -3.19 8.28	29.31 -3.53 0.50	29.36 -3.30 0.02	28.60 -3.00 0.00	29.58 -3.07 0.00	32.05 -3.13 0.00	33.64 -3.37 0.00	38.01 -3.53 0.00	42.11 -3.86 0.00	43.73 -3.55 0.01	49.25 -4.06 0.12	57.17 -3.48 5.08	63.56 -3.48 3.89	65.62 -3.73 8.43	55.79 -3.89 5.23	48.45 -3.67 4.37	41.07 -4.02 3.38	36.36 -3.51 0.02

HUNTLEY___68 23562	30.13 -3.54 0.00	24.44 -3.31 3.80	21.09 -3.01 4.30	19.79 -2.95 5.64	21.02 -3.00 4.56	20.56 -3.33 8.45	22.06 -3.19 8.28	29.31 -3.53 0.50	29.36 -3.30 0.02	28.60 -3.00 0.00	29.58 -3.07 0.00	32.05 -3.13 0.00	33.64 -3.37 0.00	38.01 -3.53 0.00	42.11 -3.86 0.00	43.73 -3.55 0.01	49.25 -4.06 0.12	57.17 -3.48 5.08	63.56 -3.48 3.89	65.62 -3.73 8.43	55.79 -3.89 5.23	48.45 -3.67 4.37	41.07 -4.02 3.38	36.36 -3.51 0.02
HYLAND___LFGE 323620	33.50 -0.17 0.00	43.28 -0.57 -12.29	41.67 -0.60 -13.88	46.14 -0.48 -18.23	42.93 -0.37 -14.72	59.86 -0.35 -27.88	60.71 -0.13 -27.32	34.95 -0.70 -2.32	31.83 -0.95 -0.09	30.94 -0.67 0.00	31.93 -0.72 0.00	34.05 -1.13 0.00	35.42 -1.59 0.00	39.76 -1.79 0.00	44.22 -1.75 0.00	46.47 -0.85 -0.04	53.28 -0.80 -0.65	99.51 0.99 -32.78	90.56 2.98 -16.65	119.13 5.21 -36.13	91.44 4.16 -22.37	79.27 2.77 -20.02	60.88 1.21 -11.20	40.37 0.40 -0.07
INDECK___CORINTH 23802	35.79 2.12 0.00	33.67 2.11 0.00	30.38 1.99 0.00	30.35 1.96 0.00	30.58 2.00 0.00	34.31 1.97 0.00	35.50 1.98 0.00	35.07 1.73 0.00	34.06 1.37 0.00	32.58 0.98 0.00	32.55 -0.10 0.00	35.53 0.35 0.00	37.38 0.37 0.00	42.21 0.66 0.00	46.75 0.78 0.00	47.86 0.57 0.00	54.34 0.91 0.00	66.73 0.99 0.00	72.21 1.28 0.00	79.26 1.47 0.00	66.46 1.56 0.00	57.84 1.35 0.00	49.82 1.36 0.00	41.13 1.24 0.00
INDECK___ILION 23567	33.84 0.17 0.00	31.78 0.22 0.00	28.62 0.23 0.00	28.62 0.23 0.00	28.81 0.23 0.00	32.50 0.16 0.00	33.66 0.13 0.00	33.47 0.13 0.00	32.78 0.10 0.00	31.66 0.06 0.00	32.71 0.07 0.00	35.28 0.11 0.00	37.12 0.11 0.00	41.67 0.12 0.00	46.15 0.18 0.00	47.43 0.14 0.00	53.59 0.16 0.00	66.00 0.26 0.00	71.21 0.28 0.00	78.17 0.39 0.00	65.30 0.39 0.00	56.77 0.28 0.00	48.76 0.29 0.00	40.13 0.24 0.00
INDECK___OLEAN 23982	30.81 -2.86 0.00	28.84 -1.58 1.14	25.63 -1.48 1.28	25.26 -1.45 1.68	25.76 -1.46 1.36	23.11 -1.45 7.77	24.67 -1.24 7.61	31.51 -1.37 0.45	30.05 -2.62 0.02	29.92 -1.68 0.00	31.11 -1.53 0.00	33.49 -1.69 0.00	34.83 -2.18 0.00	39.22 -2.33 0.00	43.53 -2.44 0.00	45.38 -1.89 0.01	52.06 -1.23 0.14	58.58 -0.26 6.90	67.19 -0.21 3.53	70.05 -0.08 7.65	59.91 -0.26 4.74	52.05 -0.23 4.22	44.43 -0.92 3.12	38.52 -1.36 0.02
INDECK___OSWEGO 23783	32.90 -0.77 0.00	30.80 -0.76 0.00	27.68 -0.71 0.00	27.71 -0.68 0.00	27.89 -0.69 0.00	32.50 0.16 0.00	33.73 0.20 0.00	33.47 0.13 0.00	32.81 0.13 0.00	31.76 0.16 0.00	32.84 0.20 0.00	35.32 0.14 0.00	37.09 0.07 0.00	41.84 0.00 -0.30	46.36 0.14 -0.26	48.08 0.47 -0.32	53.70 -0.11 -0.38	66.60 0.46 -0.40	72.28 0.99 -0.35	79.77 1.47 -0.51	66.18 1.17 -0.11	57.43 0.85 -0.09	49.68 0.97 -0.25	40.61 0.60 -0.12
INDECK___YERKES 23781	30.34 -3.33 0.00	25.10 -3.16 3.30	21.80 -2.87 3.72	20.66 -2.84 4.89	21.77 -2.86 3.95	21.45 -3.17 7.72	22.94 -3.02 7.57	29.40 -3.50 0.43	29.43 -3.24 0.02	29.55 -2.05 0.00	30.75 -1.89 0.00	32.89 -2.29 0.00	34.01 -3.00 0.00	38.22 -3.33 0.00	42.33 -3.63 0.00	44.25 -3.03 0.01	49.67 -3.58 0.18	54.11 -3.35 8.28	64.26 -3.05 3.62	66.71 -3.26 7.81	56.61 -3.44 4.85	47.87 -3.56 5.06	41.59 -3.78 3.10	36.44 -3.43 0.02
INDIAN POINT_GT_1 24139	35.22 1.55 0.00	33.13 1.58 0.00	29.87 1.48 0.00	29.81 1.42 0.00	29.95 1.37 0.00	33.44 1.10 0.00	34.83 1.31 0.00	34.90 1.57 0.00	34.32 1.63 0.00	33.18 1.58 0.00	34.41 1.76 0.00	37.04 1.86 0.00	39.16 2.15 0.00	43.95 2.41 0.00	48.72 2.76 0.00	50.31 3.03 0.00	56.69 3.26 0.00	69.03 3.29 0.00	74.05 3.12 0.00	80.74 2.96 0.00	67.11 2.21 0.00	58.52 2.03 0.00	50.65 2.18 0.00	41.69 1.80 0.00
INDIAN POINT_GT_2 23659	35.22 1.55 0.00	33.13 1.58 0.00	29.87 1.48 0.00	29.81 1.42 0.00	29.95 1.37 0.00	33.44 1.10 0.00	34.83 1.31 0.00	34.90 1.57 0.00	34.32 1.63 0.00	33.18 1.58 0.00	34.41 1.76 0.00	37.04 1.86 0.00	39.16 2.15 0.00	43.95 2.41 0.00	48.72 2.76 0.00	50.31 3.03 0.00	56.69 3.26 0.00	69.03 3.29 0.00	74.05 3.12 0.00	80.74 2.96 0.00	67.11 2.21 0.00	58.52 2.03 0.00	50.65 2.18 0.00	41.69 1.80 0.00
INDIAN POINT_GT_3 24019	35.22 1.55 0.00	33.13 1.58 0.00	29.87 1.48 0.00	29.81 1.42 0.00	29.95 1.37 0.00	33.44 1.10 0.00	34.83 1.31 0.00	34.90 1.57 0.00	34.32 1.63 0.00	33.18 1.58 0.00	34.41 1.76 0.00	37.04 1.86 0.00	39.16 2.15 0.00	43.95 2.41 0.00	48.72 2.76 0.00	50.31 3.03 0.00	56.69 3.26 0.00	69.03 3.29 0.00	74.05 3.12 0.00	80.74 2.96 0.00	67.11 2.21 0.00	58.52 2.03 0.00	50.65 2.18 0.00	41.69 1.80 0.00
INDIAN POINT___2 23530	35.15 1.48 0.00	33.07 1.51 0.00	29.81 1.42 0.00	29.78 1.39 0.00	29.89 1.32 0.00	33.40 1.07 0.00	34.80 1.27 0.00	34.87 1.53 0.00	34.28 1.60 0.00	33.06 1.45 0.00	34.18 1.53 0.00	36.87 1.69 0.00	38.93 1.92 0.00	43.95 2.41 0.00	48.72 2.76 0.00	50.22 2.93 0.00	56.74 3.31 0.00	69.09 3.35 0.00	74.12 3.19 0.00	80.66 2.88 0.00	67.11 2.21 0.00	58.41 1.92 0.00	50.55 2.08 0.00	41.61 1.71 0.00
INDIAN POINT___3 23531	35.19 1.52 0.00	33.10 1.55 0.00	29.84 1.45 0.00	29.78 1.39 0.00	29.92 1.34 0.00	33.40 1.07 0.00	34.80 1.27 0.00	34.87 1.53 0.00	34.28 1.60 0.00	33.15 1.55 0.00	34.37 1.73 0.00	37.01 1.83 0.00	39.08 2.07 0.00	43.91 2.37 0.00	48.63 2.67 0.00	50.22 2.93 0.00	56.58 3.15 0.00	68.89 3.16 0.00	73.84 2.91 0.00	80.58 2.80 0.00	66.98 2.08 0.00	58.41 1.92 0.00	50.55 2.08 0.00	41.61 1.72 0.00
INDIANHDD_69_KV_BK1 55831	58.29 2.29 -22.33	50.74 2.05 -17.13	39.99 1.99 -9.61	30.27 1.87 0.00	30.32 1.74 0.00	33.92 1.58 0.00	35.61 2.08 0.00	35.67 2.33 0.00	34.74 2.06 0.00	33.34 1.74 0.00	34.90 2.25 0.00	37.64 2.46 0.00	40.12 3.11 0.00	44.95 3.41 0.00	49.83 3.86 0.00	51.92 4.63 0.00	56.20 2.78 0.01	68.16 2.43 0.01	73.19 2.27 0.01	79.64 1.87 0.01	66.13 1.23 0.01	57.61 1.13 0.01	52.10 3.64 0.00	42.65 2.75 0.00
INGHAM_C_115KV_TB7 356103	33.87 0.20 0.00	31.84 0.28 0.00	28.65 0.26 0.00	28.68 0.28 0.00	28.86 0.29 0.00	32.60 0.26 0.00	33.76 0.23 0.00	33.54 0.20 0.00	32.85 0.16 0.00	31.73 0.13 0.00	32.77 0.13 0.00	35.39 0.21 0.00	37.20 0.19 0.00	41.75 0.21 0.00	46.24 0.28 0.00	47.52 0.24 0.00	53.59 0.16 0.00	66.00 0.26 0.00	71.28 0.35 0.00	78.33 0.54 0.00	65.43 0.52 0.00	56.88 0.40 0.00	48.95 0.48 0.00	40.25 0.36 0.00
IP CORINTH___1 23988	35.79 2.12 0.00	33.67 2.11 0.00	30.38 1.99 0.00	30.35 1.96 0.00	30.58 2.00 0.00	34.31 1.97 0.00	35.50 1.98 0.00	35.07 1.73 0.00	34.09 1.41 0.00	32.80 1.20 0.00	32.84 0.20 0.00	35.78 0.60 0.00	37.64 0.63 0.00	42.42 0.87 0.00	47.07 1.10 0.00	48.14 0.85 0.00	54.61 1.18 0.00	67.12 1.38 0.00	72.70 1.77 0.00	79.73 1.94 0.00	66.92 2.01 0.00	58.24 1.75 0.00	50.12 1.65 0.00	41.29 1.40 0.00

IP___TICONDEROGA 23804	37.14 3.47 0.00	34.93 3.38 0.00	31.57 3.18 0.00	31.54 3.15 0.00	31.81 3.23 0.00	35.64 3.30 0.00	36.78 3.25 0.00	36.14 2.80 0.00	34.94 2.26 0.00	33.50 1.90 0.00	33.56 0.91 0.00	36.80 1.62 0.00	38.68 1.67 0.00	43.66 2.12 0.00	48.49 2.53 0.00	49.46 2.18 0.00	56.42 2.99 0.00	69.68 3.94 0.00	76.11 5.18 0.00	84.08 6.30 0.00	70.68 5.78 0.00	61.46 4.97 0.00	52.54 4.07 0.00	43.24 3.35 0.00
ISLIP_RES_REC 323679	45.98 2.53 -9.78	41.40 2.34 -7.50	34.87 2.27 -4.21	30.49 2.10 0.00	30.55 1.97 0.00	34.21 1.87 0.00	35.91 2.38 0.00	36.03 2.70 0.00	35.07 2.38 0.00	33.56 1.96 0.00	35.03 2.38 0.00	37.46 2.29 0.00	40.08 3.07 0.00	45.41 3.86 0.00	50.15 4.18 0.00	51.79 4.49 -0.01	56.74 3.31 0.01	68.81 3.09 0.01	73.90 2.98 0.01	80.33 2.56 0.01	66.65 1.75 0.01	58.06 1.58 0.01	52.10 3.64 0.00	42.85 2.95 0.00
JAMAICA__27_KV_LOAD 355505	35.42 1.75 0.00	33.32 1.77 0.00	30.01 1.62 0.00	29.95 1.56 0.00	30.09 1.51 0.00	33.66 1.33 0.00	35.20 1.68 0.00	35.34 2.00 0.00	34.91 2.22 0.00	33.84 2.24 0.00	34.90 2.25 0.00	37.53 2.36 0.00	39.71 2.70 0.00	44.62 3.07 0.00	49.46 3.49 0.00	51.16 3.88 0.00	57.76 4.33 0.00	69.95 4.21 0.00	74.83 3.90 0.00	81.52 3.73 0.00	67.63 2.73 0.00	59.03 2.54 0.00	51.38 2.91 0.00	42.13 2.23 0.00
JANIS___SOLAR 323808	34.48 0.81 0.00	33.43 0.79 -1.09	30.30 0.68 -1.23	30.72 0.71 -1.62	30.60 0.71 -1.30	35.82 0.77 -2.71	36.96 0.77 -2.66	33.92 0.50 -0.09	32.85 0.16 0.00	31.54 -0.06 0.00	32.51 -0.13 0.00	35.00 -0.18 0.00	36.75 -0.26 0.00	41.87 -0.25 -0.57	46.32 -0.14 -0.49	48.16 0.24 -0.63	55.05 0.80 -0.82	72.14 2.36 -4.04	76.96 3.69 -2.34	87.25 4.90 -4.56	71.41 4.09 -2.41	61.87 3.22 -2.16	52.17 2.13 -1.58	41.65 1.52 -0.24
JARVIS____ 23743	33.77 0.10 0.00	31.71 0.16 0.00	28.53 0.14 0.00	28.53 0.14 0.00	28.72 0.14 0.00	32.40 0.06 0.00	33.56 0.03 0.00	33.37 0.03 0.00	32.68 0.00 0.00	31.57 -0.03 0.00	32.61 -0.03 0.00	35.18 0.00 0.00	37.01 0.00 0.00	41.55 0.00 0.00	45.97 0.00 0.00	47.29 0.00 0.00	53.43 0.00 0.00	65.74 0.00 0.00	70.86 -0.07 0.00	77.71 -0.08 0.00	64.91 0.00 0.00	56.49 0.00 0.00	48.52 0.05 0.00	39.93 0.04 0.00
JENNISON___1 23625	34.58 0.91 0.00	33.20 1.01 -0.64	29.99 0.88 -0.72	30.24 0.91 -0.94	30.25 0.91 -0.76	34.83 0.94 -1.56	35.96 0.91 -1.53	34.10 0.77 0.00	33.27 0.59 0.00	31.98 0.38 0.00	33.04 0.39 0.00	35.60 0.42 0.00	37.49 0.48 0.00	42.53 0.58 -0.40	47.04 0.74 -0.34	48.80 1.04 -0.48	55.55 1.55 -0.57	69.39 2.96 -0.70	76.17 3.76 -1.48	85.35 4.74 -2.83	70.24 3.89 -1.44	60.94 3.16 -1.29	51.69 2.23 -0.99	41.67 1.60 -0.18
JENNISON___2 23626	34.58 0.91 0.00	33.20 1.01 -0.64	29.99 0.88 -0.72	30.24 0.91 -0.94	30.25 0.91 -0.76	34.83 0.94 -1.56	35.96 0.91 -1.53	34.10 0.77 0.00	33.27 0.59 0.00	31.98 0.38 0.00	33.04 0.39 0.00	35.60 0.42 0.00	37.49 0.48 0.00	42.53 0.58 -0.40	47.04 0.74 -0.34	48.80 1.04 -0.48	55.55 1.55 -0.57	69.39 2.96 -0.70	76.17 3.76 -1.48	85.35 4.74 -2.83	70.24 3.89 -1.44	60.94 3.16 -1.29	51.69 2.23 -0.99	41.67 1.60 -0.18
JERICHO_RISE_WT_PWR 323719	33.67 0.00 0.00	31.40 -0.16 0.00	28.19 -0.20 0.00	28.19 -0.20 0.00	28.38 -0.20 0.00	32.34 0.00 0.00	33.59 0.07 0.00	33.37 0.03 0.00	32.75 0.07 0.00	31.73 0.13 0.00	32.77 0.13 0.00	35.32 0.14 0.00	37.23 0.22 0.00	41.71 0.17 0.00	46.06 0.09 0.00	47.33 0.05 0.00	53.22 -0.21 0.00	65.67 -0.07 0.00	71.21 0.28 0.00	78.25 0.47 0.00	65.23 0.33 0.00	56.89 0.40 0.00	48.71 0.24 0.00	40.09 0.20 0.00
KATONAH___115KV_46KV_TB4 355592	35.42 1.75 0.00	33.29 1.74 0.00	29.98 1.59 0.00	29.95 1.56 0.00	30.09 1.51 0.00	33.63 1.29 0.00	35.00 1.48 0.00	35.04 1.70 0.00	34.45 1.76 0.00	33.31 1.71 0.00	34.50 1.86 0.00	37.18 2.01 0.00	39.31 2.29 0.00	44.20 2.66 0.00	49.00 3.03 0.00	50.60 3.31 0.00	57.06 3.63 0.00	69.55 3.81 0.00	74.62 3.69 0.00	81.44 3.66 0.00	67.50 2.60 0.00	58.92 2.43 0.00	50.94 2.47 0.00	41.93 2.03 0.00
KCE_NY_1 323755	35.45 1.78 0.00	33.39 1.83 0.00	30.10 1.70 0.00	30.07 1.67 0.00	30.26 1.69 0.00	33.95 1.62 0.00	35.14 1.61 0.00	34.77 1.43 0.00	33.83 1.14 0.00	32.42 0.82 0.00	33.10 0.46 0.00	36.02 0.84 0.00	37.94 0.93 0.00	42.75 1.21 0.00	47.34 1.38 0.00	48.51 1.23 0.00	55.25 1.82 0.00	67.78 2.04 0.00	73.34 2.41 0.00	80.51 2.72 0.00	67.50 2.60 0.00	58.80 2.32 0.00	50.50 2.04 0.00	41.61 1.71 0.00
KCE_NY_6_ESR 323823	30.54 -3.13 0.00	24.85 -2.78 3.93	21.40 -2.56 4.44	20.06 -2.50 5.83	21.35 -2.51 4.71	20.30 -2.75 9.29	21.84 -2.58 9.11	29.83 -2.97 0.54	29.72 -2.94 0.02	29.77 -1.83 0.00	30.98 -1.66 0.00	33.17 -2.00 0.00	34.38 -2.63 0.00	38.64 -2.91 0.00	42.84 -3.13 0.00	44.77 -2.51 0.01	50.47 -2.78 0.18	55.01 -2.24 8.49	64.61 -1.99 4.33	66.38 -2.02 9.39	56.76 -2.33 5.82	48.87 -2.43 5.19	41.88 -2.86 3.73	37.12 -2.75 0.03
KEDC_PORT_JEFF_GT2 24210	48.03 2.36 -12.00	42.94 2.18 -9.21	35.68 2.13 -5.16	30.35 1.96 0.00	30.41 1.83 0.00	34.05 1.71 0.00	35.70 2.18 0.00	35.84 2.50 0.00	34.71 2.03 0.00	33.21 1.61 0.00	34.64 1.99 0.00	37.08 1.90 0.00	39.86 2.85 0.00	45.16 3.61 0.00	49.83 3.86 0.00	51.46 4.16 -0.01	56.31 2.88 0.01	68.28 2.56 0.02	73.33 2.41 0.01	79.71 1.95 0.02	66.13 1.23 0.01	57.67 1.19 0.01	51.76 3.30 0.00	42.61 2.71 0.00
KEDC_PORT_JEFF_GT3 24211	48.03 2.36 -12.00	42.94 2.18 -9.21	35.68 2.13 -5.16	30.35 1.96 0.00	30.41 1.83 0.00	34.05 1.71 0.00	35.70 2.18 0.00	35.84 2.50 0.00	34.71 2.03 0.00	33.21 1.61 0.00	34.64 1.99 0.00	37.08 1.90 0.00	39.86 2.85 0.00	45.16 3.61 0.00	49.83 3.86 0.00	51.46 4.16 -0.01	56.31 2.88 0.01	68.28 2.56 0.02	73.33 2.41 0.01	79.71 1.95 0.02	66.13 1.23 0.01	57.67 1.19 0.01	51.76 3.30 0.00	42.61 2.71 0.00
KEDC_GLWD_GT4 24219	35.55 1.88 0.00	33.39 1.83 0.00	30.15 1.76 0.00	30.07 1.67 0.00	30.15 1.57 0.00	33.73 1.39 0.00	35.24 1.71 0.00	35.34 2.00 0.00	34.61 1.93 0.00	33.31 1.71 0.00	34.60 1.96 0.00	37.25 2.07 0.00	39.49 2.48 0.00	44.70 3.16 0.00	49.55 3.59 0.00	51.12 3.83 -0.01	57.16 3.74 0.00	69.35 3.61 0.01	74.12 3.19 0.00	80.66 2.88 0.01	67.24 2.33 0.00	58.68 2.20 0.00	51.23 2.76 0.00	42.17 2.27 0.00
KEDC_GLWD_GT5 24220	35.55 1.88 0.00	33.39 1.83 0.00	30.15 1.76 0.00	30.07 1.67 0.00	30.15 1.57 0.00	33.73 1.39 0.00	35.24 1.71 0.00	35.34 2.00 0.00	34.61 1.93 0.00	33.31 1.71 0.00	34.60 1.96 0.00	37.25 2.07 0.00	39.49 2.48 0.00	44.70 3.16 0.00	49.55 3.59 0.00	51.12 3.83 -0.01	57.16 3.74 0.00	69.35 3.61 0.01	74.12 3.19 0.00	80.66 2.88 0.01	67.24 2.33 0.00	58.68 2.20 0.00	51.23 2.76 0.00	42.17 2.27 0.00

KENSICO____ 23655	35.32 1.65 0.00	33.20 1.64 0.00	29.92 1.53 0.00	29.90 1.50 0.00	30.01 1.43 0.00	33.53 1.20 0.00	34.93 1.41 0.00	34.97 1.63 0.00	34.42 1.73 0.00	33.28 1.67 0.00	34.50 1.86 0.00	37.15 1.97 0.00	39.27 2.26 0.00	44.12 2.58 0.00	48.86 2.90 0.00	50.45 3.17 0.00	56.85 3.42 0.00	69.16 3.42 0.00	74.19 3.26 0.00	80.90 3.11 0.00	67.24 2.34 0.00	58.63 2.15 0.00	50.75 2.28 0.00	41.77 1.88 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	35.35 1.68 0.00	33.23 1.67 0.00	29.92 1.53 0.00	29.90 1.50 0.00	29.98 1.40 0.00	33.53 1.20 0.00	34.83 1.31 0.00	34.90 1.57 0.00	34.35 1.67 0.00	33.05 1.45 0.00	34.31 1.66 0.00	36.83 1.65 0.00	38.90 1.89 0.00	43.79 2.24 0.00	48.68 2.71 0.00	50.45 3.17 0.00	57.06 3.63 0.00	69.88 4.14 0.00	75.11 4.18 0.00	82.22 4.43 0.00	68.35 3.44 0.00	59.37 2.88 0.00	51.13 2.67 0.00	42.01 2.11 0.00
KIAC_JFK_GT1 23816	35.25 1.58 0.00	33.13 1.58 0.00	29.87 1.48 0.00	29.81 1.42 0.00	29.95 1.37 0.00	33.47 1.13 0.00	35.00 1.48 0.00	35.17 1.83 0.00	34.71 2.03 0.00	33.69 2.09 0.00	34.73 2.09 0.00	37.32 2.15 0.00	39.49 2.48 0.00	44.37 2.83 0.00	49.18 3.22 0.00	50.83 3.55 0.00	57.44 4.01 0.00	69.29 3.55 0.00	74.05 3.12 0.00	80.74 2.96 0.00	66.98 2.08 0.00	58.46 1.98 0.00	51.08 2.62 0.00	41.89 1.99 0.00
KIAC_JFK_GT2 23817	35.25 1.58 0.00	33.13 1.58 0.00	29.87 1.48 0.00	29.81 1.42 0.00	29.95 1.37 0.00	33.47 1.13 0.00	35.00 1.48 0.00	35.17 1.83 0.00	34.71 2.03 0.00	33.69 2.09 0.00	34.73 2.09 0.00	37.32 2.15 0.00	39.49 2.48 0.00	44.37 2.83 0.00	49.18 3.22 0.00	50.83 3.55 0.00	57.44 4.01 0.00	69.29 3.55 0.00	74.05 3.12 0.00	80.74 2.96 0.00	66.98 2.08 0.00	58.46 1.98 0.00	51.08 2.62 0.00	41.89 1.99 0.00
KIAC_JFK____ 323774	35.19 1.52 0.00	33.13 1.58 0.00	29.87 1.48 0.00	29.81 1.42 0.00	29.92 1.34 0.00	33.47 1.13 0.00	35.00 1.47 0.00	35.23 1.90 0.00	34.71 2.03 0.00	33.59 1.99 0.00	34.47 1.83 0.00	37.22 2.04 0.00	39.31 2.30 0.00	44.41 2.86 0.00	49.23 3.26 0.00	50.79 3.50 0.00	57.60 4.17 0.00	69.48 3.75 0.00	74.33 3.40 0.00	80.81 3.03 0.00	67.11 2.21 0.00	58.46 1.98 0.00	51.08 2.62 0.00	41.89 1.99 0.00
KINTIGH_24_KV_GSU 356498	30.67 -3.00 0.00	26.14 -3.28 0.00	23.03 -2.95 0.00	22.31 -2.92 0.00	23.08 -2.94 0.00	23.98 -3.33 0.00	25.38 -3.22 0.00	29.58 -2.78 0.00	29.89 -2.78 0.00	29.74 -1.86 0.00	30.91 -1.73 0.00	32.96 -2.22 0.00	34.16 -2.85 0.00	38.00 -3.33 0.00	42.15 -3.63 0.00	43.93 -3.12 0.00	48.98 -4.06 0.00	55.24 -4.08 0.00	63.66 -3.90 0.00	66.44 -4.20 0.00	56.48 -4.16 0.00	48.50 -4.18 0.00	42.06 -4.22 0.00	36.21 -3.59 0.00
KINTIGH____ 23543	30.57 -3.10 0.00	26.15 -3.28 0.00	23.01 -2.98 0.00	22.31 -2.92 0.00	23.05 -2.97 0.00	23.98 -3.33 0.00	25.38 -3.22 0.00	29.58 -3.50 0.00	29.80 -2.88 0.00	29.01 -2.59 0.00	29.97 -2.68 0.00	32.36 -2.81 0.00	33.94 -3.07 0.00	38.00 -3.32 0.00	42.15 -3.63 0.00	43.75 -3.31 0.00	48.85 -4.22 0.00	56.98 -3.81 0.00	63.73 -3.83 0.00	66.44 -4.20 0.00	56.41 -4.22 0.00	48.61 -4.07 0.00	42.01 -4.27 0.00	36.25 -3.55 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	34.21 0.54 0.00	31.87 0.32 0.00	28.53 0.14 0.00	28.56 0.17 0.00	28.72 0.14 0.00	32.76 0.42 0.00	34.13 0.60 0.00	33.77 0.43 0.00	33.14 0.46 0.00	32.07 0.47 0.00	33.10 0.46 0.00	35.67 0.49 0.00	37.68 0.67 0.00	42.13 0.58 0.00	46.52 0.55 0.00	47.90 0.61 0.00	54.07 0.64 0.00	66.92 1.18 0.00	72.77 1.84 0.00	80.20 2.41 0.00	66.72 1.82 0.00	57.96 1.47 0.00	49.58 1.11 0.00	40.81 0.92 0.00
LACHUTE____HYDRO 323717	37.14 3.47 0.00	34.93 3.38 0.00	31.57 3.18 0.00	31.54 3.15 0.00	31.80 3.23 0.00	35.64 3.30 0.00	36.78 3.25 0.00	36.10 2.77 0.00	34.91 2.22 0.00	33.24 1.64 0.00	33.39 0.75 0.00	36.72 1.55 0.00	38.64 1.63 0.00	43.66 2.12 0.00	48.45 2.48 0.00	49.42 2.13 0.00	56.42 2.99 0.00	69.68 3.94 0.00	75.97 5.04 0.00	84.01 6.23 0.00	70.62 5.71 0.00	61.40 4.91 0.00	52.49 4.02 0.00	43.25 3.35 0.00
LAWRNCV_115KV_TB1 80681	33.64 -0.03 0.00	31.37 -0.19 0.00	28.11 -0.28 0.00	28.16 -0.23 0.00	28.29 -0.29 0.00	32.27 -0.06 0.00	33.56 0.03 0.00	33.20 -0.13 0.00	32.59 -0.10 0.00	31.54 -0.06 0.00	32.61 -0.03 0.00	35.14 -0.04 0.00	37.12 0.11 0.00	41.50 -0.04 0.00	45.51 -0.46 0.00	46.58 -0.71 0.00	52.36 -1.07 0.00	64.49 -1.25 0.00	70.22 -0.71 0.00	77.55 -0.23 0.00	64.71 -0.19 0.00	56.26 -0.23 0.00	48.42 -0.05 0.00	39.97 0.08 0.00
LEDERLE____ 23769	35.29 1.62 0.00	33.16 1.61 0.00	29.90 1.50 0.00	29.84 1.45 0.00	29.98 1.40 0.00	33.50 1.16 0.00	34.87 1.34 0.00	34.94 1.60 0.00	34.35 1.67 0.00	33.18 1.58 0.00	34.44 1.80 0.00	37.08 1.90 0.00	39.16 2.15 0.00	44.04 2.49 0.00	48.82 2.85 0.00	50.41 3.12 0.00	56.85 3.42 0.00	69.29 3.55 0.00	74.26 3.33 0.00	81.05 3.27 0.00	67.37 2.47 0.00	58.69 2.20 0.00	50.70 2.23 0.00	41.77 1.88 0.00
LIGHTHSE_115KV_TB6 355974	33.47 -0.20 0.00	31.33 -0.22 0.00	28.16 -0.23 0.00	28.19 -0.20 0.00	28.38 -0.20 0.00	32.53 0.19 0.00	33.73 0.20 0.00	33.40 0.07 0.00	32.68 0.00 0.00	31.51 -0.09 0.00	32.55 -0.10 0.00	35.07 -0.11 0.00	36.86 -0.15 0.00	41.38 -0.17 0.00	45.83 -0.14 0.00	47.33 0.05 0.00	53.43 0.00 0.00	66.72 0.99 0.00	72.56 1.63 0.00	80.27 2.49 0.00	66.98 2.08 0.00	58.01 1.53 0.00	49.49 1.02 0.00	40.57 0.68 0.00
LINDEN COGEN____ 23786	35.15 1.48 0.00	33.16 1.61 0.00	29.90 1.50 0.00	29.84 1.45 0.00	29.98 1.40 0.00	33.44 1.10 0.00	34.93 1.41 0.00	35.10 1.77 0.00	34.55 1.86 0.00	33.37 1.77 0.00	34.47 1.83 0.00	37.15 1.97 0.00	39.23 2.22 0.00	44.33 2.78 0.00	49.14 3.17 0.00	50.69 3.41 0.00	57.33 3.90 0.00	69.55 3.81 0.00	74.47 3.54 0.00	80.97 3.19 0.00	67.24 2.33 0.00	58.63 2.15 0.00	50.75 2.28 0.00	41.73 1.84 0.00
LINDHRST_69_KV_BK1 356055	37.15 2.53 -0.96	34.59 2.30 -0.73	30.99 2.19 -0.41	30.46 2.07 0.00	30.52 1.94 0.00	34.15 1.81 0.00	35.84 2.31 0.00	35.90 2.57 0.00	35.07 2.39 0.00	33.69 2.09 0.00	35.26 2.61 0.00	37.99 2.81 0.00	40.42 3.41 0.00	45.28 3.74 0.00	50.20 4.23 0.00	52.30 5.01 0.00	57.06 3.63 0.01	69.41 3.68 0.01	74.47 3.55 0.01	81.19 3.42 0.01	67.43 2.53 0.01	58.68 2.20 0.01	52.44 3.97 0.00	42.97 3.07 0.00
LIPA_MISC_IPP 23656	46.16 2.39 -10.10	41.48 2.18 -7.75	34.84 2.10 -4.34	30.35 1.96 0.00	30.41 1.83 0.00	34.02 1.68 0.00	35.67 2.15 0.00	35.77 2.43 0.00	34.84 2.16 0.00	33.43 1.83 0.00	34.96 2.32 0.00	37.68 2.50 0.00	40.08 3.07 0.00	44.66 3.12 0.00	49.37 3.40 0.00	51.64 4.35 0.00	55.77 2.35 0.01	67.43 1.71 0.02	72.41 1.49 0.01	78.94 1.17 0.02	65.48 0.58 0.01	57.21 0.73 0.01	52.10 3.64 0.00	42.69 2.79 0.00

LISF___SOLAR 323691	46.31 2.39 -10.25	41.66 2.24 -7.86	34.96 2.16 -4.41	30.41 2.02 0.00	30.43 1.86 0.00	34.08 1.75 0.00	35.74 2.21 0.00	35.87 2.53 0.00	34.91 2.22 0.00	33.40 1.80 0.00	34.83 2.19 0.00	37.18 2.00 0.00	39.75 2.74 0.00	44.95 3.41 0.00	49.46 3.49 0.00	51.22 3.92 -0.01	55.93 2.51 0.01	67.76 2.04 0.02	72.84 1.92 0.01	79.17 1.40 0.02	65.68 0.78 0.01	57.33 0.85 0.01	51.81 3.34 0.00	42.64 2.75 0.00
LITTLE FALLS___HYD 24013	33.87 0.20 0.00	31.84 0.28 0.00	28.65 0.26 0.00	28.68 0.28 0.00	28.86 0.29 0.00	32.60 0.26 0.00	33.76 0.23 0.00	33.54 0.20 0.00	32.85 0.16 0.00	31.73 0.13 0.00	32.77 0.13 0.00	35.39 0.21 0.00	37.20 0.19 0.00	41.75 0.21 0.00	46.24 0.28 0.00	47.52 0.24 0.00	53.59 0.16 0.00	66.00 0.26 0.00	71.28 0.35 0.00	78.33 0.54 0.00	65.43 0.52 0.00	56.88 0.40 0.00	48.95 0.48 0.00	40.25 0.36 0.00
LITTLRIV_115KV_TB1 356100	33.94 0.27 0.00	31.62 0.06 0.00	28.33 -0.06 0.00	28.42 0.03 0.00	28.55 -0.03 0.00	32.60 0.26 0.00	33.90 0.37 0.00	33.44 0.10 0.00	32.72 0.03 0.00	31.63 0.03 0.00	32.71 0.07 0.00	35.25 0.07 0.00	37.20 0.19 0.00	41.63 0.08 0.00	45.69 -0.28 0.00	46.77 -0.52 0.00	52.57 -0.85 0.00	64.95 -0.79 0.00	70.93 0.00 0.00	78.64 0.86 0.00	65.68 0.78 0.00	57.05 0.56 0.00	49.05 0.58 0.00	40.45 0.56 0.00
LI_NEWBRDGE___DRP 323616	35.45 1.78 0.00	33.20 1.64 0.00	29.98 1.59 0.00	29.87 1.48 0.00	29.95 1.37 0.00	33.50 1.16 0.00	35.10 1.58 0.00	35.17 1.83 0.00	34.38 1.70 0.00	33.09 1.49 0.00	34.54 1.89 0.00	37.22 2.04 0.00	39.53 2.52 0.00	44.33 2.78 0.00	49.18 3.22 0.00	51.07 3.78 0.00	55.99 2.56 0.01	68.02 2.30 0.02	72.98 2.06 0.01	79.56 1.79 0.02	66.07 1.17 0.01	57.61 1.13 0.01	51.23 2.76 0.00	42.01 2.11 0.00
LOCKPORT_115KV_TB60_63_64 80432	29.87 -3.80 0.00	25.35 -3.34 2.86	22.12 -3.04 3.23	21.17 -2.98 4.24	22.12 -3.03 3.43	22.20 -3.40 6.75	23.70 -3.22 6.61	29.00 -3.97 0.37	29.07 -3.60 0.01	28.35 -3.25 0.00	29.28 -3.36 0.00	31.73 -3.45 0.00	33.31 -3.70 0.00	37.64 -3.91 0.00	41.69 -4.27 0.00	43.31 -3.97 0.01	48.92 -4.38 0.13	55.64 -3.88 6.22	63.16 -3.76 4.01	65.07 -4.04 8.67	55.38 -4.15 5.38	47.60 -3.95 4.94	41.49 -4.27 2.72	35.97 -3.91 0.02
LOCKPORT___CC1 323769	30.03 -3.64 0.00	25.11 -3.38 3.07	21.86 -3.07 3.47	20.83 -3.01 4.55	21.84 -3.06 3.68	21.73 -3.43 7.18	23.24 -3.25 7.03	29.01 -3.93 0.39	29.20 -3.47 0.02	29.26 -2.34 0.00	30.46 -2.19 0.00	32.47 -2.71 0.00	33.61 -3.40 0.00	37.68 -3.86 0.00	41.69 -4.27 0.00	43.59 -3.69 0.01	48.93 -4.33 0.18	53.06 -4.14 8.54	62.70 -3.97 4.26	64.28 -4.28 9.23	54.97 -4.22 5.72	47.15 -4.12 5.22	41.36 -4.22 2.89	36.01 -3.87 0.02
LOCKPORT___CC2 323770	30.03 -3.64 0.00	25.11 -3.38 3.07	21.86 -3.07 3.47	20.83 -3.01 4.55	21.84 -3.06 3.68	21.73 -3.43 7.18	23.24 -3.25 7.03	29.01 -3.93 0.39	29.20 -3.47 0.02	29.26 -2.34 0.00	30.46 -2.19 0.00	32.47 -2.71 0.00	33.61 -3.40 0.00	37.68 -3.86 0.00	41.69 -4.27 0.00	43.59 -3.69 0.01	48.93 -4.33 0.18	53.06 -4.14 8.54	62.70 -3.97 4.26	64.28 -4.28 9.23	54.97 -4.22 5.72	47.15 -4.12 5.22	41.36 -4.22 2.89	36.01 -3.87 0.02
LOCKPORT___CC3 323771	30.03 -3.64 0.00	25.11 -3.38 3.07	21.86 -3.07 3.47	20.83 -3.01 4.55	21.84 -3.06 3.68	21.73 -3.43 7.18	23.24 -3.25 7.03	29.01 -3.93 0.39	29.20 -3.47 0.02	29.26 -2.34 0.00	30.46 -2.19 0.00	32.47 -2.71 0.00	33.61 -3.40 0.00	37.68 -3.86 0.00	41.69 -4.27 0.00	43.59 -3.69 0.01	48.93 -4.33 0.18	53.06 -4.14 8.54	62.70 -3.97 4.26	64.28 -4.28 9.23	54.97 -4.22 5.72	47.15 -4.12 5.22	41.36 -4.22 2.89	36.01 -3.87 0.02
LOCUSVLY_69_KV_BK2 55797	35.76 2.09 0.00	33.48 1.92 0.00	30.24 1.85 0.00	30.15 1.76 0.00	30.23 1.66 0.00	33.79 1.46 0.00	35.37 1.84 0.00	35.47 2.13 0.00	34.74 2.06 0.00	33.47 1.86 0.00	34.93 2.29 0.00	37.64 2.46 0.00	39.93 2.92 0.00	44.83 3.28 0.00	49.74 3.77 0.00	51.59 4.30 0.00	56.90 3.47 0.00	69.08 3.35 0.01	73.97 3.05 0.00	80.65 2.88 0.01	67.11 2.21 0.00	58.46 1.98 0.00	51.67 3.20 0.00	42.37 2.47 0.00
LONG_LAKE_PHOENIX 24014	32.90 -0.77 0.00	30.80 -0.76 0.00	27.68 -0.71 0.00	27.71 -0.68 0.00	27.89 -0.69 0.00	32.18 -0.16 0.00	33.36 -0.17 0.00	33.17 -0.17 0.00	32.49 -0.20 0.00	31.38 -0.22 0.00	32.42 -0.23 0.00	34.90 -0.28 0.00	36.68 -0.33 0.00	41.39 -0.37 -0.22	45.88 -0.28 -0.19	47.52 0.00 -0.24	53.50 -0.21 -0.28	66.63 0.59 -0.30	72.04 0.85 -0.26	79.41 1.24 -0.38	65.83 0.84 -0.08	57.12 0.56 -0.07	48.94 0.29 -0.18	40.10 0.12 -0.09
LOVETT___3 23632	35.15 1.48 0.00	33.04 1.48 0.00	29.78 1.39 0.00	29.75 1.36 0.00	29.86 1.29 0.00	33.37 1.03 0.00	34.73 1.21 0.00	34.80 1.47 0.00	34.25 1.57 0.00	33.09 1.49 0.00	34.31 1.66 0.00	36.97 1.79 0.00	39.05 2.04 0.00	43.87 2.33 0.00	48.54 2.57 0.00	50.12 2.84 0.00	56.48 3.05 0.00	68.76 3.02 0.00	73.70 2.77 0.00	80.43 2.64 0.00	66.85 1.95 0.00	58.29 1.81 0.00	50.45 1.99 0.00	41.57 1.68 0.00
LOVETT___4 23642	35.15 1.48 0.00	33.04 1.48 0.00	29.78 1.39 0.00	29.75 1.36 0.00	29.86 1.29 0.00	33.37 1.03 0.00	34.73 1.21 0.00	34.80 1.47 0.00	34.25 1.57 0.00	33.09 1.49 0.00	34.31 1.66 0.00	36.97 1.79 0.00	39.05 2.04 0.00	43.87 2.33 0.00	48.54 2.57 0.00	50.12 2.84 0.00	56.48 3.05 0.00	68.76 3.02 0.00	73.70 2.77 0.00	80.43 2.64 0.00	66.85 1.95 0.00	58.29 1.81 0.00	50.45 1.99 0.00	41.57 1.68 0.00
LOVETT___5 23593	35.15 1.48 0.00	33.04 1.48 0.00	29.78 1.39 0.00	29.75 1.36 0.00	29.86 1.29 0.00	33.37 1.03 0.00	34.73 1.21 0.00	34.80 1.47 0.00	34.25 1.57 0.00	33.09 1.49 0.00	34.31 1.66 0.00	36.97 1.79 0.00	39.05 2.04 0.00	43.87 2.33 0.00	48.54 2.57 0.00	50.12 2.84 0.00	56.48 3.05 0.00	68.76 3.02 0.00	73.70 2.77 0.00	80.43 2.64 0.00	66.85 1.95 0.00	58.29 1.81 0.00	50.45 1.99 0.00	41.57 1.68 0.00
LOWER RAQUET___HYD 24057	33.64 -0.03 0.00	31.34 -0.22 0.00	28.08 -0.31 0.00	28.14 -0.26 0.00	28.26 -0.31 0.00	32.24 -0.10 0.00	33.53 0.00 0.00	33.14 -0.20 0.00	32.49 -0.19 0.00	31.44 -0.16 0.00	32.51 -0.13 0.00	35.07 -0.11 0.00	37.05 0.04 0.00	41.42 -0.12 0.00	45.37 -0.60 0.00	46.39 -0.90 0.00	51.83 -1.60 0.00	64.16 -1.58 0.00	70.08 -0.85 0.00	77.40 -0.39 0.00	64.65 -0.26 0.00	56.32 -0.17 0.00	48.37 -0.10 0.00	39.93 0.04 0.00
LOWER___HUDSON 24059	35.05 1.38 0.00	33.01 1.45 0.00	29.78 1.39 0.00	29.75 1.36 0.00	29.92 1.34 0.00	33.50 1.16 0.00	34.73 1.21 0.00	34.50 1.17 0.00	33.60 0.91 0.00	32.27 0.66 0.00	33.16 0.52 0.00	35.95 0.77 0.00	37.86 0.85 0.00	42.67 1.12 0.00	47.16 1.19 0.00	48.28 0.99 0.00	54.98 1.55 0.00	67.25 1.51 0.00	72.49 1.56 0.00	79.42 1.64 0.00	66.59 1.68 0.00	58.13 1.64 0.00	49.97 1.50 0.00	41.21 1.31 0.00

LOWVILLE_115KV_TB2 356335	34.21 0.54 0.00	32.00 0.44 0.00	28.73 0.34 0.00	28.76 0.37 0.00	28.83 0.26 0.00	32.76 0.42 0.00	34.10 0.57 0.00	33.64 0.30 0.00	32.88 0.20 0.00	31.73 0.13 0.00	32.77 0.13 0.00	35.39 0.21 0.00	37.27 0.26 0.00	41.79 0.25 0.00	46.15 0.18 0.00	47.52 0.24 0.00	53.80 0.37 0.00	67.12 1.38 0.00	73.34 2.41 0.00	81.52 3.73 0.00	67.96 3.05 0.00	58.80 2.32 0.00	50.12 1.65 0.00	41.05 1.16 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	35.42 1.75 0.00	33.35 1.80 0.00	30.10 1.70 0.00	30.07 1.68 0.00	30.26 1.69 0.00	33.92 1.58 0.00	35.14 1.61 0.00	34.77 1.43 0.00	33.83 1.14 0.00	32.58 0.98 0.00	33.26 0.62 0.00	36.09 0.91 0.00	37.97 0.96 0.00	42.75 1.20 0.00	47.39 1.42 0.00	48.52 1.23 0.00	55.19 1.76 0.00	67.71 1.97 0.00	73.34 2.41 0.00	80.43 2.64 0.00	67.50 2.60 0.00	58.86 2.37 0.00	50.50 2.04 0.00	41.61 1.72 0.00
LUTHERNY_35_KV_BK2 355980	35.45 1.78 0.00	33.39 1.83 0.00	30.10 1.70 0.00	30.10 1.70 0.00	30.26 1.69 0.00	33.95 1.62 0.00	35.14 1.61 0.00	34.80 1.47 0.00	33.86 1.18 0.00	32.61 1.01 0.00	33.26 0.62 0.00	36.09 0.91 0.00	38.01 1.00 0.00	42.79 1.25 0.00	47.39 1.42 0.00	48.56 1.28 0.00	55.25 1.82 0.00	67.78 2.04 0.00	73.41 2.48 0.00	80.51 2.72 0.00	67.57 2.66 0.00	58.86 2.37 0.00	50.50 2.04 0.00	41.61 1.72 0.00
LWR___OSWEGATCHIE_HYD 23850	33.87 0.20 0.00	31.62 0.06 0.00	28.36 -0.03 0.00	28.42 0.03 0.00	28.52 -0.06 0.00	32.50 0.16 0.00	33.79 0.27 0.00	33.34 0.00 0.00	32.65 -0.03 0.00	31.51 -0.09 0.00	32.58 -0.07 0.00	35.14 -0.04 0.00	37.05 0.04 0.00	41.50 -0.04 0.00	45.64 -0.32 0.00	46.77 -0.52 0.00	52.74 -0.69 0.00	65.54 -0.20 0.00	71.64 0.71 0.00	79.50 1.71 0.00	66.40 1.49 0.00	57.56 1.07 0.00	49.29 0.82 0.00	40.49 0.60 0.00
LYONS_FALL_HYD 23570	34.21 0.54 0.00	32.03 0.47 0.00	28.76 0.37 0.00	28.79 0.40 0.00	28.92 0.34 0.00	32.76 0.42 0.00	34.06 0.53 0.00	33.67 0.33 0.00	32.91 0.23 0.00	31.76 0.16 0.00	32.81 0.16 0.00	35.43 0.25 0.00	37.27 0.26 0.00	41.84 0.29 0.00	46.24 0.28 0.00	47.57 0.29 0.00	53.91 0.48 0.00	67.05 1.31 0.00	72.99 2.06 0.00	80.81 3.03 0.00	67.50 2.60 0.00	58.46 1.98 0.00	49.87 1.41 0.00	40.89 1.00 0.00
MADISON___COUNTY_LFGE 323628	34.21 0.54 0.00	32.09 0.54 0.00	28.85 0.45 0.00	28.90 0.51 0.00	29.06 0.49 0.00	32.85 0.52 0.00	34.03 0.50 0.00	33.70 0.37 0.00	32.98 0.29 0.00	31.76 0.16 0.00	32.81 0.16 0.00	35.42 0.25 0.00	37.23 0.22 0.00	41.84 0.29 0.00	46.33 0.37 0.00	47.76 0.47 0.00	54.12 0.69 0.00	67.32 1.58 0.00	73.06 2.13 0.00	80.58 2.80 0.00	67.31 2.40 0.00	58.35 1.86 0.00	49.78 1.31 0.00	40.81 0.92 0.00
MALONE___115KV_TB1 356076	33.97 0.30 0.00	31.65 0.09 0.00	28.36 -0.03 0.00	28.39 0.00 0.00	28.55 -0.03 0.00	32.63 0.29 0.00	33.96 0.44 0.00	33.70 0.37 0.00	33.08 0.39 0.00	32.07 0.47 0.00	33.13 0.49 0.00	35.71 0.53 0.00	37.71 0.70 0.00	42.17 0.62 0.00	46.52 0.55 0.00	47.90 0.61 0.00	54.02 0.59 0.00	66.66 0.92 0.00	71.85 0.92 0.00	79.18 1.40 0.00	65.94 1.04 0.00	57.33 0.85 0.00	49.15 0.68 0.00	40.45 0.56 0.00
MAPLEWOD_115KV_TB3 80458	34.98 1.31 0.00	32.94 1.39 0.00	29.73 1.33 0.00	29.70 1.31 0.00	29.86 1.29 0.00	33.47 1.13 0.00	34.67 1.14 0.00	34.44 1.10 0.00	33.53 0.85 0.00	32.36 0.76 0.00	33.30 0.65 0.00	36.02 0.84 0.00	37.97 0.96 0.00	42.71 1.16 0.00	47.30 1.33 0.00	48.33 1.04 0.00	54.93 1.50 0.00	67.05 1.31 0.00	72.35 1.42 0.00	79.18 1.40 0.00	66.40 1.49 0.00	57.90 1.41 0.00	49.73 1.26 0.00	41.01 1.12 0.00
MAPLE_RIDGE_WT_1 323574	33.40 -0.27 0.00	31.18 -0.38 0.00	27.97 -0.43 0.00	27.94 -0.46 0.00	28.09 -0.49 0.00	31.82 -0.52 0.00	33.02 -0.50 0.00	32.94 -0.40 0.00	32.42 -0.26 0.00	31.41 -0.19 0.00	32.51 -0.13 0.00	35.07 -0.11 0.00	36.90 -0.11 0.00	41.42 -0.12 0.00	45.78 -0.18 0.00	47.10 -0.19 0.00	53.22 -0.21 0.00	65.54 -0.20 0.00	70.72 -0.21 0.00	77.63 -0.16 0.00	64.65 -0.26 0.00	56.21 -0.28 0.00	48.08 -0.39 0.00	39.53 -0.36 0.00
MAPLE_RIDGE_WT_2 323611	33.40 -0.27 0.00	31.18 -0.38 0.00	27.97 -0.43 0.00	27.94 -0.46 0.00	28.09 -0.49 0.00	31.82 -0.52 0.00	33.02 -0.50 0.00	32.94 -0.40 0.00	32.42 -0.26 0.00	31.41 -0.19 0.00	32.51 -0.13 0.00	35.07 -0.11 0.00	36.90 -0.11 0.00	41.42 -0.12 0.00	45.78 -0.18 0.00	47.10 -0.19 0.00	53.22 -0.21 0.00	65.54 -0.20 0.00	70.72 -0.21 0.00	77.63 -0.16 0.00	64.65 -0.26 0.00	56.21 -0.28 0.00	48.08 -0.39 0.00	39.53 -0.36 0.00
MARBLE_RIVER_WT_PWR 323696	33.67 0.00 0.00	31.40 -0.16 0.00	28.19 -0.20 0.00	28.19 -0.20 0.00	28.38 -0.20 0.00	32.37 0.03 0.00	33.63 0.10 0.00	33.40 0.07 0.00	32.78 0.10 0.00	31.76 0.16 0.00	32.81 0.16 0.00	35.35 0.18 0.00	37.27 0.26 0.00	41.75 0.21 0.00	46.10 0.14 0.00	47.38 0.09 0.00	53.27 -0.16 0.00	65.74 0.00 0.00	71.21 0.28 0.00	78.25 0.47 0.00	65.23 0.33 0.00	56.89 0.40 0.00	48.71 0.24 0.00	40.09 0.20 0.00
MARSHVLE_115KV_TB1 80742	35.42 1.75 0.00	33.35 1.80 0.00	30.07 1.68 0.00	30.07 1.68 0.00	30.29 1.71 0.00	34.08 1.75 0.00	34.97 1.44 0.00	34.04 0.70 0.00	33.01 0.33 0.00	31.70 0.09 0.00	32.51 -0.13 0.00	35.28 0.11 0.00	37.12 0.11 0.00	41.79 0.25 0.00	46.38 0.41 0.00	47.66 0.38 0.00	54.18 0.75 0.00	67.12 1.38 0.00	73.55 2.62 0.00	81.98 4.20 0.00	69.00 4.09 0.00	59.99 3.50 0.00	51.38 2.91 0.00	42.17 2.27 0.00
MARSH_HILL_WT_PWR 323713	32.29 -1.38 0.00	42.50 -1.32 -12.27	40.95 -1.31 -13.86	45.36 -1.25 -18.21	42.08 -1.20 -14.71	65.41 -1.26 -34.33	66.13 -1.04 -33.64	35.59 -1.37 -3.62	31.23 -1.60 -0.15	30.65 -0.95 0.00	31.83 -0.81 0.00	34.16 -1.02 0.00	35.64 -1.37 0.00	40.13 -1.41 0.00	44.59 -1.38 0.00	46.98 -0.66 -0.36	53.97 -0.64 -1.18	107.43 0.59 -41.10	93.59 1.63 -21.02	125.70 2.56 -45.36	94.54 1.75 -27.88	82.36 0.90 -24.97	62.07 -0.44 -14.04	39.11 -1.00 -0.21
MCINTYRE_115KV_TB2 80467	34.07 0.40 0.00	31.78 0.22 0.00	28.48 0.09 0.00	28.53 0.14 0.00	28.69 0.11 0.00	32.79 0.45 0.00	34.06 0.54 0.00	33.57 0.23 0.00	32.85 0.16 0.00	31.76 0.16 0.00	32.77 0.13 0.00	35.35 0.18 0.00	37.31 0.30 0.00	41.75 0.21 0.00	45.87 -0.09 0.00	47.05 -0.24 0.00	53.00 -0.43 0.00	65.41 -0.33 0.00	71.43 0.50 0.00	79.26 1.48 0.00	66.27 1.36 0.00	57.56 1.07 0.00	49.49 1.02 0.00	40.77 0.88 0.00
MECO____69_KV_BK1 80468	35.79 2.12 0.00	33.70 2.15 0.00	30.41 2.02 0.00	30.38 1.99 0.00	30.63 2.06 0.00	34.44 2.10 0.00	35.37 1.84 0.00	34.47 1.13 0.00	33.27 0.59 0.00	31.85 0.25 0.00	32.58 -0.07 0.00	35.42 0.25 0.00	37.27 0.26 0.00	41.96 0.42 0.00	46.61 0.64 0.00	47.90 0.61 0.00	54.66 1.23 0.00	67.84 2.10 0.00	74.55 3.62 0.00	83.00 5.21 0.00	69.84 4.93 0.00	60.72 4.24 0.00	51.86 3.39 0.00	42.57 2.67 0.00

MENANDS__115KV_TB5 355628	34.88 1.21 0.00	32.85 1.29 0.00	29.64 1.25 0.00	29.61 1.22 0.00	29.78 1.20 0.00	33.37 1.03 0.00	34.57 1.04 0.00	34.37 1.03 0.00	33.47 0.78 0.00	32.30 0.70 0.00	33.26 0.62 0.00	35.95 0.77 0.00	37.86 0.85 0.00	42.58 1.04 0.00	47.16 1.20 0.00	48.18 0.90 0.00	54.71 1.28 0.00	66.66 0.92 0.00	71.85 0.92 0.00	78.56 0.78 0.00	65.94 1.04 0.00	57.50 1.02 0.00	49.44 0.97 0.00	40.81 0.92 0.00
MG INDUSTRY__DRP 24185	34.75 1.08 0.00	32.75 1.20 0.00	29.56 1.16 0.00	29.53 1.14 0.00	29.69 1.11 0.00	33.31 0.97 0.00	34.36 0.84 0.00	34.07 0.73 0.00	33.14 0.46 0.00	31.92 0.32 0.00	32.90 0.26 0.00	35.56 0.39 0.00	37.46 0.44 0.00	42.13 0.58 0.00	46.61 0.64 0.00	47.57 0.28 0.00	53.91 0.48 0.00	66.13 0.39 0.00	71.43 0.50 0.00	78.41 0.62 0.00	65.75 0.84 0.00	57.39 0.90 0.00	49.34 0.87 0.00	40.69 0.80 0.00
MID__OSWEGATCHIE_HYD 23849	33.87 0.20 0.00	31.62 0.06 0.00	28.36 -0.03 0.00	28.42 0.03 0.00	28.52 -0.06 0.00	32.50 0.16 0.00	33.79 0.27 0.00	33.34 0.00 0.00	32.65 -0.03 0.00	31.51 -0.09 0.00	32.58 -0.07 0.00	35.14 -0.04 0.00	37.05 0.04 0.00	41.50 -0.04 0.00	45.64 -0.32 0.00	46.77 -0.52 0.00	52.74 -0.69 0.00	65.54 -0.20 0.00	71.64 0.71 0.00	79.50 1.71 0.00	66.40 1.49 0.00	57.56 1.07 0.00	49.29 0.82 0.00	40.49 0.60 0.00
MID__RAQUETTE_HYD 23851	33.64 -0.03 0.00	31.33 -0.22 0.00	28.08 -0.31 0.00	28.14 -0.26 0.00	28.26 -0.31 0.00	32.24 -0.10 0.00	33.53 0.00 0.00	33.14 -0.20 0.00	32.52 -0.16 0.00	31.47 -0.13 0.00	32.55 -0.10 0.00	35.07 -0.11 0.00	37.05 0.04 0.00	41.42 -0.12 0.00	45.37 -0.60 0.00	46.39 -0.90 0.00	52.09 -1.34 0.00	64.16 -1.58 0.00	70.08 -0.85 0.00	77.40 -0.39 0.00	64.65 -0.26 0.00	56.15 -0.34 0.00	48.37 -0.10 0.00	39.93 0.04 0.00
MILLIKEN__1 23584	33.97 0.30 0.00	33.04 0.32 -1.17	29.97 0.26 -1.32	30.41 0.28 -1.74	30.26 0.29 -1.40	35.52 0.26 -2.93	36.66 0.27 -2.87	33.61 0.17 -0.11	32.72 0.03 0.00	31.51 -0.09 0.00	32.55 -0.10 0.00	35.07 -0.11 0.00	36.86 -0.15 0.00	42.15 -0.12 -0.73	46.60 0.00 -0.63	48.35 0.28 -0.78	54.93 0.53 -0.97	70.41 1.71 -2.96	75.76 2.20 -2.63	85.66 2.80 -5.07	69.68 2.14 -2.63	60.53 1.69 -2.35	51.17 0.92 -1.78	40.83 0.64 -0.30
MILLIKEN__2 23585	33.97 0.30 0.00	33.04 0.32 -1.17	29.97 0.26 -1.32	30.41 0.28 -1.74	30.26 0.29 -1.40	35.52 0.26 -2.93	36.66 0.27 -2.87	33.61 0.17 -0.11	32.72 0.03 0.00	31.51 -0.09 0.00	32.55 -0.10 0.00	35.07 -0.11 0.00	36.86 -0.15 0.00	42.15 -0.12 -0.73	46.60 0.00 -0.63	48.35 0.28 -0.78	54.93 0.53 -0.97	70.41 1.71 -2.96	75.76 2.20 -2.63	85.66 2.80 -5.07	69.68 2.14 -2.63	60.53 1.69 -2.35	51.17 0.92 -1.78	40.83 0.64 -0.30
MILLIKEN__DIESEL 23629	33.97 0.30 0.00	33.04 0.32 -1.17	29.97 0.26 -1.32	30.41 0.28 -1.74	30.26 0.29 -1.40	35.52 0.26 -2.93	36.66 0.27 -2.87	33.61 0.17 -0.11	32.72 0.03 0.00	31.51 -0.09 0.00	32.55 -0.10 0.00	35.07 -0.11 0.00	36.86 -0.15 0.00	42.15 -0.12 -0.73	46.60 0.00 -0.63	48.35 0.28 -0.78	54.93 0.53 -0.97	70.41 1.71 -2.96	75.76 2.20 -2.63	85.66 2.80 -5.07	69.68 2.14 -2.63	60.53 1.69 -2.35	51.17 0.92 -1.78	40.83 0.64 -0.30
MILLSEAT__LFGE 323607	30.84 -2.83 0.00	26.36 -2.71 2.48	23.12 -2.47 2.80	22.33 -2.38 3.67	23.21 -2.40 2.97	23.80 -2.68 5.85	25.31 -2.48 5.74	29.89 -3.13 0.31	29.99 -2.68 0.01	29.96 -1.64 0.00	31.18 -1.47 0.00	33.24 -1.93 0.00	34.46 -2.55 0.00	38.60 -2.95 0.00	42.80 -3.17 0.00	44.77 -2.51 0.01	50.24 -3.04 0.15	56.27 -2.43 7.04	65.52 -1.91 3.49	68.44 -1.79 7.56	58.01 -2.21 4.69	49.65 -2.54 4.30	43.20 -2.91 2.36	37.01 -2.87 0.02
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	35.25 1.58 0.00	33.16 1.61 0.00	29.90 1.50 0.00	29.84 1.45 0.00	29.98 1.40 0.00	33.47 1.13 0.00	34.87 1.34 0.00	34.90 1.57 0.00	34.35 1.67 0.00	33.21 1.61 0.00	34.44 1.80 0.00	37.08 1.90 0.00	39.16 2.15 0.00	44.00 2.45 0.00	48.77 2.80 0.00	50.31 3.03 0.00	56.69 3.26 0.00	69.03 3.29 0.00	74.05 3.12 0.00	80.74 2.96 0.00	67.11 2.21 0.00	58.52 2.03 0.00	50.65 2.18 0.00	41.69 1.80 0.00
MILLWOOD_13_KV_LOAD 356217	35.32 1.65 0.00	33.23 1.67 0.00	29.92 1.53 0.00	29.90 1.50 0.00	30.01 1.43 0.00	33.53 1.20 0.00	34.93 1.41 0.00	34.97 1.63 0.00	34.42 1.73 0.00	33.24 1.64 0.00	34.47 1.83 0.00	37.11 1.93 0.00	39.23 2.22 0.00	44.12 2.58 0.00	48.86 2.90 0.00	50.45 3.17 0.00	56.85 3.42 0.00	69.29 3.55 0.00	74.26 3.33 0.00	81.05 3.27 0.00	67.31 2.40 0.00	58.69 2.20 0.00	50.79 2.33 0.00	41.81 1.91 0.00
MODEL_CITY_ENERGY 24167	29.63 -4.04 0.00	25.02 -3.57 2.97	21.83 -3.21 3.35	20.84 -3.15 4.40	21.79 -3.23 3.55	21.64 -3.62 7.07	23.11 -3.49 6.93	28.61 -4.33 0.39	28.84 -3.82 0.02	28.88 -2.72 0.00	30.06 -2.58 0.00	32.05 -3.13 0.00	33.13 -3.89 0.00	37.14 -4.40 0.00	41.09 -4.87 0.00	42.97 -4.30 0.01	48.28 -4.97 0.19	51.94 -5.00 8.80	61.51 -4.97 4.46	62.77 -5.37 9.65	53.86 -5.06 5.98	46.31 -4.80 5.38	40.91 -4.70 2.85	35.45 -4.43 0.02
MODERN_LFGE__ 323580	29.63 -4.04 0.00	25.02 -3.57 2.97	21.83 -3.21 3.35	20.84 -3.15 4.40	21.79 -3.23 3.55	21.64 -3.62 7.07	23.11 -3.49 6.93	28.61 -4.33 0.39	28.84 -3.82 0.02	28.88 -2.72 0.00	30.06 -2.58 0.00	32.05 -3.13 0.00	33.13 -3.89 0.00	37.14 -4.40 0.00	41.09 -4.87 0.00	42.97 -4.30 0.01	48.28 -4.97 0.19	51.94 -5.00 8.80	61.51 -4.97 4.46	62.77 -5.37 9.65	53.86 -5.06 5.98	46.31 -4.80 5.38	40.91 -4.70 2.85	35.45 -4.43 0.02
MOHAWK_PAPER__DRP 24187	34.98 1.31 0.00	32.94 1.39 0.00	29.73 1.33 0.00	29.70 1.31 0.00	29.86 1.29 0.00	33.47 1.13 0.00	34.67 1.14 0.00	34.44 1.10 0.00	33.53 0.85 0.00	32.36 0.76 0.00	33.30 0.65 0.00	36.02 0.84 0.00	37.97 0.96 0.00	42.71 1.16 0.00	47.30 1.33 0.00	48.33 1.04 0.00	54.93 1.50 0.00	67.05 1.31 0.00	72.35 1.42 0.00	79.18 1.40 0.00	66.40 1.49 0.00	57.90 1.41 0.00	49.73 1.26 0.00	41.01 1.12 0.00
MOHICAN__35_KV_115KV_LD 80490	35.89 2.22 0.00	33.80 2.24 0.00	30.49 2.10 0.00	30.46 2.07 0.00	30.69 2.11 0.00	34.41 2.07 0.00	35.61 2.08 0.00	35.17 1.83 0.00	34.15 1.47 0.00	32.83 1.23 0.00	33.04 0.39 0.00	36.02 0.84 0.00	37.90 0.89 0.00	42.71 1.16 0.00	47.35 1.38 0.00	48.42 1.13 0.00	55.03 1.60 0.00	67.65 1.91 0.00	73.34 2.41 0.00	80.51 2.72 0.00	67.63 2.73 0.00	58.86 2.37 0.00	50.55 2.08 0.00	41.65 1.76 0.00
MONGAUP__HYD 23641	35.66 1.99 0.00	33.51 1.96 0.00	30.18 1.79 0.00	30.12 1.73 0.00	30.18 1.60 0.00	33.79 1.46 0.00	35.04 1.51 0.00	34.94 1.60 0.00	34.28 1.60 0.00	32.90 1.30 0.00	33.98 1.34 0.00	36.69 1.51 0.00	38.71 1.70 0.00	43.79 2.24 0.00	48.77 2.80 0.00	50.41 3.12 0.00	57.33 3.90 0.00	70.41 4.67 0.00	75.97 5.04 0.00	83.08 5.29 0.00	69.32 4.42 0.00	60.05 3.56 0.00	51.52 3.06 0.00	42.33 2.43 0.00

MONTAUK___DIESEL 23721	46.66 2.83 -10.16	41.81 2.46 -7.80	35.01 2.24 -4.37	30.35 1.96 0.00	30.29 1.71 0.00	33.92 1.58 0.00	35.54 2.01 0.00	35.74 2.40 0.00	34.87 2.19 0.00	33.37 1.77 0.00	34.93 2.29 0.00	37.64 2.46 0.00	40.01 3.00 0.00	44.54 2.99 0.00	49.18 3.22 0.00	51.68 4.40 0.00	55.77 2.35 0.01	67.30 1.58 0.02	72.27 1.35 0.01	78.62 0.86 0.02	65.03 0.13 0.01	56.71 0.23 0.01	51.71 3.25 0.00	42.25 2.35 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	30.13 -3.54 0.00	25.52 -3.09 2.94	22.15 -2.92 3.32	21.19 -2.84 4.36	22.17 -2.89 3.52	20.51 -3.04 8.79	22.10 -2.82 8.61	29.86 -2.97 0.51	29.56 -3.10 0.02	28.95 -2.65 0.00	30.13 -2.51 0.00	32.93 -2.25 0.00	34.68 -2.33 0.00	39.22 -2.33 0.00	43.44 -2.53 0.00	45.05 -2.22 0.01	51.32 -1.98 0.13	58.76 -0.85 6.12	66.14 -0.64 4.16	68.00 -0.78 9.01	57.77 -1.56 5.58	49.91 -1.64 4.94	42.42 -2.52 3.52	37.28 -2.59 0.02
MORRIS_RIDGE___SOLAR 323848	31.68 -1.99 0.00	12.55 -1.83 17.17	7.29 -1.70 19.39	1.24 -1.68 25.48	6.34 -1.66 20.57	-3.80 -1.75 34.39	-1.85 -1.68 33.70	29.19 -2.13 2.01	30.35 -2.25 0.08	30.08 -1.52 0.00	31.24 -1.40 0.00	33.49 -1.69 0.00	34.90 -2.11 0.00	39.26 -2.28 0.00	43.57 -2.39 0.00	45.54 -1.70 0.04	50.83 -1.82 0.78	25.53 -1.05 39.16	50.61 -0.35 19.97	34.62 0.16 43.32	37.95 -0.13 26.82	32.01 -0.56 23.91	33.30 -1.36 13.81	38.21 -1.60 0.09
MORTIMER_115KV_TB3 55949	31.92 -1.75 0.00	28.86 -2.05 0.65	25.79 -1.87 0.73	25.62 -1.82 0.96	25.97 -1.83 0.77	28.68 -2.07 1.58	30.03 -1.94 1.55	31.27 -2.07 0.00	31.11 -1.57 0.00	30.24 -1.36 0.00	31.27 -1.37 0.00	33.74 -1.44 0.00	35.42 -1.59 0.00	39.84 -1.70 0.00	44.17 -1.79 0.00	45.87 -1.42 0.00	51.40 -2.03 0.00	64.49 -1.25 0.00	68.99 -0.99 0.94	74.81 -0.93 2.04	62.15 -1.49 1.27	53.61 -1.75 1.13	45.60 -2.23 0.64	37.93 -1.95 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	35.39 1.72 0.00	33.29 1.74 0.00	30.04 1.65 0.00	29.98 1.59 0.00	30.09 1.51 0.00	33.60 1.26 0.00	35.04 1.51 0.00	35.14 1.80 0.00	34.61 1.93 0.00	33.50 1.90 0.00	34.73 2.09 0.00	37.36 2.18 0.00	39.49 2.48 0.00	44.37 2.83 0.00	49.18 3.22 0.00	50.79 3.50 0.00	57.22 3.79 0.00	69.55 3.81 0.00	74.48 3.55 0.00	81.21 3.42 0.00	67.44 2.53 0.00	58.86 2.37 0.00	50.99 2.52 0.00	41.93 2.03 0.00
MUNSVILLE_WIND_PWR 323609	35.05 1.38 0.00	33.77 1.36 -0.86	30.56 1.19 -0.97	30.92 1.25 -1.28	30.86 1.26 -1.03	35.83 1.36 -2.13	36.99 1.38 -2.09	34.43 1.10 0.00	33.44 0.75 0.00	32.10 0.50 0.00	33.13 0.49 0.00	35.78 0.60 0.00	37.60 0.59 0.00	42.78 0.75 -0.49	47.35 0.97 -0.42	49.26 1.42 -0.56	56.33 2.19 -0.71	73.15 4.14 -3.26	78.52 5.68 -1.91	88.71 7.24 -3.69	72.93 6.10 -1.92	62.96 4.75 -1.72	53.14 3.39 -1.28	42.54 2.43 -0.21
N SALMON___HYD 24042	33.97 0.30 0.00	31.65 0.09 0.00	28.36 -0.03 0.00	28.39 0.00 0.00	28.55 -0.03 0.00	32.63 0.29 0.00	33.96 0.43 0.00	33.70 0.37 0.00	33.08 0.39 0.00	32.08 0.47 0.00	33.13 0.49 0.00	35.71 0.53 0.00	37.71 0.70 0.00	42.17 0.62 0.00	46.52 0.55 0.00	47.90 0.61 0.00	53.81 0.38 0.00	66.66 0.92 0.00	71.85 0.92 0.00	79.19 1.40 0.00	65.94 1.04 0.00	57.45 0.96 0.00	49.15 0.68 0.00	40.45 0.56 0.00
N.AKRON__115KV_KNAPP 355671	30.64 -3.03 0.00	26.22 -2.78 2.56	22.97 -2.53 2.89	22.15 -2.44 3.80	23.05 -2.46 3.07	23.53 -2.75 6.05	25.05 -2.55 5.93	29.81 -3.20 0.32	29.86 -2.81 0.01	29.04 -2.56 0.00	30.03 -2.61 0.00	32.50 -2.67 0.00	34.16 -2.85 0.00	38.51 -3.03 0.00	42.70 -3.26 0.00	44.40 -2.88 0.01	50.05 -3.26 0.12	57.96 -2.30 5.48	65.41 -1.92 3.61	68.11 -1.87 7.81	57.66 -2.40 4.84	49.50 -2.54 4.44	42.93 -3.10 2.44	36.89 -2.99 0.02
N.BELMOR_69_KV_BK1 55787	35.76 2.09 0.00	33.48 1.92 0.00	30.24 1.85 0.00	30.12 1.73 0.00	30.21 1.63 0.00	33.79 1.46 0.00	35.37 1.84 0.00	35.47 2.13 0.00	34.68 1.99 0.00	33.37 1.77 0.00	34.86 2.22 0.00	37.57 2.39 0.00	39.90 2.89 0.00	44.74 3.20 0.00	49.64 3.68 0.00	51.54 4.26 0.00	56.68 3.26 0.01	68.95 3.22 0.01	73.90 2.98 0.01	80.57 2.80 0.01	66.98 2.08 0.01	58.29 1.81 0.01	51.71 3.25 0.00	42.41 2.51 0.00
N.E._GEN_SANDY PD 24062	35.32 1.38 -0.27	32.74 1.45 0.27	29.78 1.39 0.00	29.75 1.36 0.00	29.92 1.34 0.00	33.35 1.07 0.05	34.75 1.17 -0.05	34.57 1.23 0.00	33.76 1.08 0.00	32.42 0.82 0.00	33.46 0.82 0.00	36.16 0.98 0.00	38.16 1.15 0.00	43.00 1.45 0.00	47.53 1.56 0.00	48.70 1.42 0.00	55.41 1.98 0.00	67.51 1.78 0.00	72.49 1.56 0.00	79.26 1.47 0.00	66.40 1.49 0.00	58.01 1.53 0.00	50.02 1.55 0.00	41.29 1.40 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	35.19 1.52 0.00	33.07 1.51 0.00	29.81 1.42 0.00	29.78 1.39 0.00	29.89 1.31 0.00	33.40 1.07 0.00	34.77 1.24 0.00	34.84 1.50 0.00	34.25 1.57 0.00	33.12 1.52 0.00	34.34 1.70 0.00	36.97 1.79 0.00	39.08 2.07 0.00	43.87 2.33 0.00	48.63 2.67 0.00	50.22 2.93 0.00	56.58 3.15 0.00	68.96 3.22 0.00	73.98 3.05 0.00	80.66 2.88 0.00	67.05 2.14 0.00	58.41 1.92 0.00	50.55 2.08 0.00	41.61 1.72 0.00
N.QUEENS_27_KV_LOAD 356247	35.49 1.82 0.00	33.68 2.11 -0.01	30.29 1.90 0.00	30.21 1.82 0.00	30.32 1.74 0.00	33.66 1.33 0.00	34.97 1.44 0.00	35.07 1.73 0.00	34.68 1.99 0.00	33.62 2.02 0.00	34.80 2.15 0.00	37.43 2.25 0.00	39.60 2.59 0.00	44.41 2.87 0.00	49.23 3.26 0.00	50.88 3.59 0.00	57.38 3.95 0.00	69.35 3.62 0.00	74.19 3.26 0.00	80.82 3.03 0.00	67.05 2.14 0.00	58.75 2.26 0.00	50.89 2.42 0.00	42.05 2.15 0.00
N.TROY___115KV_TB1 355778	35.05 1.38 0.00	33.01 1.45 0.00	29.78 1.39 0.00	29.75 1.36 0.00	29.92 1.34 0.00	33.50 1.16 0.00	34.73 1.21 0.00	34.54 1.20 0.00	33.63 0.95 0.00	32.45 0.85 0.00	33.36 0.72 0.00	36.06 0.88 0.00	37.97 0.96 0.00	42.67 1.12 0.00	47.25 1.29 0.00	48.37 1.09 0.00	54.98 1.55 0.00	67.25 1.51 0.00	72.56 1.63 0.00	79.42 1.63 0.00	66.72 1.82 0.00	58.24 1.75 0.00	50.02 1.55 0.00	41.21 1.32 0.00
NARROWS_GT1_1 24228	35.63 1.95 -0.01	33.58 2.02 -0.01	30.24 1.84 0.00	30.18 1.79 0.00	30.29 1.71 0.00	33.66 1.33 0.00	35.07 1.54 0.00	35.20 1.87 0.00	34.68 1.99 0.00	33.56 1.96 0.00	34.70 2.06 0.00	37.43 2.25 0.00	39.56 2.55 0.00	44.70 3.16 0.00	49.60 3.63 0.00	51.16 3.88 0.00	57.98 4.54 -0.01	69.82 4.08 0.00	74.90 3.97 0.00	81.36 3.58 0.00	67.50 2.60 0.00	59.26 2.77 -0.01	51.28 2.81 0.00	42.30 2.39 -0.01
NARROWS_GT1_2 24229	35.63 1.95 -0.01	33.58 2.02 -0.01	30.24 1.84 0.00	30.18 1.79 0.00	30.29 1.71 0.00	33.66 1.33 0.00	35.07 1.54 0.00	35.20 1.87 0.00	34.68 1.99 0.00	33.56 1.96 0.00	34.70 2.06 0.00	37.43 2.25 0.00	39.56 2.55 0.00	44.70 3.16 0.00	49.60 3.63 0.00	51.16 3.88 0.00	57.98 4.54 -0.01	69.82 4.08 0.00	74.90 3.97 0.00	81.36 3.58 0.00	67.50 2.60 0.00	59.26 2.77 -0.01	51.28 2.81 0.00	42.30 2.39 -0.01

NARROWS_GT1_3 24230	35.63 1.95 -0.01	33.58 2.02 -0.01	30.24 1.84 0.00	30.18 1.79 0.00	30.29 1.71 0.00	33.66 1.33 0.00	35.07 1.54 0.00	35.20 1.87 0.00	34.68 1.99 0.00	33.56 1.96 0.00	34.70 2.06 0.00	37.43 2.25 0.00	39.56 2.55 0.00	44.70 3.16 0.00	49.60 3.63 0.00	51.16 3.88 0.00	57.98 4.54 -0.01	69.82 4.08 0.00	74.90 3.97 0.00	81.36 3.58 0.00	67.50 2.60 0.00	59.26 2.77 -0.01	51.28 2.81 0.00	42.30 2.39 -0.01
NARROWS_GT1_4 24231	35.63 1.95 -0.01	33.58 2.02 -0.01	30.24 1.84 0.00	30.18 1.79 0.00	30.29 1.71 0.00	33.66 1.33 0.00	35.07 1.54 0.00	35.20 1.87 0.00	34.68 1.99 0.00	33.56 1.96 0.00	34.70 2.06 0.00	37.43 2.25 0.00	39.56 2.55 0.00	44.70 3.16 0.00	49.60 3.63 0.00	51.16 3.88 0.00	57.98 4.54 -0.01	69.82 4.08 0.00	74.90 3.97 0.00	81.36 3.58 0.00	67.50 2.60 0.00	59.26 2.77 -0.01	51.28 2.81 0.00	42.30 2.39 -0.01
NARROWS_GT1_5 24232	35.63 1.95 -0.01	33.58 2.02 -0.01	30.24 1.84 0.00	30.18 1.79 0.00	30.29 1.71 0.00	33.66 1.33 0.00	35.07 1.54 0.00	35.20 1.87 0.00	34.68 1.99 0.00	33.56 1.96 0.00	34.70 2.06 0.00	37.43 2.25 0.00	39.56 2.55 0.00	44.70 3.16 0.00	49.60 3.63 0.00	51.16 3.88 0.00	57.98 4.54 -0.01	69.82 4.08 0.00	74.90 3.97 0.00	81.36 3.58 0.00	67.50 2.60 0.00	59.26 2.77 -0.01	51.28 2.81 0.00	42.30 2.39 -0.01
NARROWS_GT1_6 24233	35.63 1.95 -0.01	33.58 2.02 -0.01	30.24 1.84 0.00	30.18 1.79 0.00	30.29 1.71 0.00	33.66 1.33 0.00	35.07 1.54 0.00	35.20 1.87 0.00	34.68 1.99 0.00	33.56 1.96 0.00	34.70 2.06 0.00	37.43 2.25 0.00	39.56 2.55 0.00	44.70 3.16 0.00	49.60 3.63 0.00	51.16 3.88 0.00	57.98 4.54 -0.01	69.82 4.08 0.00	74.90 3.97 0.00	81.36 3.58 0.00	67.50 2.60 0.00	59.26 2.77 -0.01	51.28 2.81 0.00	42.30 2.39 -0.01
NARROWS_GT1_7 24234	35.63 1.95 -0.01	33.58 2.02 -0.01	30.24 1.84 0.00	30.18 1.79 0.00	30.29 1.71 0.00	33.66 1.33 0.00	35.07 1.54 0.00	35.20 1.87 0.00	34.68 1.99 0.00	33.56 1.96 0.00	34.70 2.06 0.00	37.43 2.25 0.00	39.56 2.55 0.00	44.70 3.16 0.00	49.60 3.63 0.00	51.16 3.88 0.00	57.98 4.54 -0.01	69.82 4.08 0.00	74.90 3.97 0.00	81.36 3.58 0.00	67.50 2.60 0.00	59.26 2.77 -0.01	51.28 2.81 0.00	42.30 2.39 -0.01
NARROWS_GT1_8 24235	35.63 1.95 -0.01	33.58 2.02 -0.01	30.24 1.84 0.00	30.18 1.79 0.00	30.29 1.71 0.00	33.66 1.33 0.00	35.07 1.54 0.00	35.20 1.87 0.00	34.68 1.99 0.00	33.56 1.96 0.00	34.70 2.06 0.00	37.43 2.25 0.00	39.56 2.55 0.00	44.70 3.16 0.00	49.60 3.63 0.00	51.16 3.88 0.00	57.98 4.54 -0.01	69.82 4.08 0.00	74.90 3.97 0.00	81.36 3.58 0.00	67.50 2.60 0.00	59.26 2.77 -0.01	51.28 2.81 0.00	42.30 2.39 -0.01
NARROWS_GT2_1 24236	35.63 1.95 -0.01	33.58 2.02 -0.01	30.24 1.84 0.00	30.18 1.79 0.00	30.29 1.71 0.00	33.66 1.33 0.00	35.07 1.54 0.00	35.20 1.87 0.00	34.68 1.99 0.00	33.56 1.96 0.00	34.70 2.06 0.00	37.43 2.25 0.00	39.56 2.55 0.00	44.70 3.16 0.00	49.60 3.63 0.00	51.16 3.88 0.00	57.98 4.54 -0.01	69.82 4.08 0.00	74.90 3.97 0.00	81.36 3.58 0.00	67.50 2.60 0.00	59.26 2.77 -0.01	51.28 2.81 0.00	42.30 2.39 -0.01
NARROWS_GT2_2 24237	35.63 1.95 -0.01	33.58 2.02 -0.01	30.24 1.84 0.00	30.18 1.79 0.00	30.29 1.71 0.00	33.66 1.33 0.00	35.07 1.54 0.00	35.20 1.87 0.00	34.68 1.99 0.00	33.56 1.96 0.00	34.70 2.06 0.00	37.43 2.25 0.00	39.56 2.55 0.00	44.70 3.16 0.00	49.60 3.63 0.00	51.16 3.88 0.00	57.98 4.54 -0.01	69.82 4.08 0.00	74.90 3.97 0.00	81.36 3.58 0.00	67.50 2.60 0.00	59.26 2.77 -0.01	51.28 2.81 0.00	42.30 2.39 -0.01
NARROWS_GT2_3 24238	35.63 1.95 -0.01	33.58 2.02 -0.01	30.24 1.84 0.00	30.18 1.79 0.00	30.29 1.71 0.00	33.66 1.33 0.00	35.07 1.54 0.00	35.20 1.87 0.00	34.68 1.99 0.00	33.56 1.96 0.00	34.70 2.06 0.00	37.43 2.25 0.00	39.56 2.55 0.00	44.70 3.16 0.00	49.60 3.63 0.00	51.16 3.88 0.00	57.98 4.54 -0.01	69.82 4.08 0.00	74.90 3.97 0.00	81.36 3.58 0.00	67.50 2.60 0.00	59.26 2.77 -0.01	51.28 2.81 0.00	42.30 2.39 -0.01
NARROWS_GT2_4 24239	35.63 1.95 -0.01	33.58 2.02 -0.01	30.24 1.84 0.00	30.18 1.79 0.00	30.29 1.71 0.00	33.66 1.33 0.00	35.07 1.54 0.00	35.20 1.87 0.00	34.68 1.99 0.00	33.56 1.96 0.00	34.70 2.06 0.00	37.43 2.25 0.00	39.56 2.55 0.00	44.70 3.16 0.00	49.60 3.63 0.00	51.16 3.88 0.00	57.98 4.54 -0.01	69.82 4.08 0.00	74.90 3.97 0.00	81.36 3.58 0.00	67.50 2.60 0.00	59.26 2.77 -0.01	51.28 2.81 0.00	42.30 2.39 -0.01
NARROWS_GT2_5 24240	35.63 1.95 -0.01	33.58 2.02 -0.01	30.24 1.84 0.00	30.18 1.79 0.00	30.29 1.71 0.00	33.66 1.33 0.00	35.07 1.54 0.00	35.20 1.87 0.00	34.68 1.99 0.00	33.56 1.96 0.00	34.70 2.06 0.00	37.43 2.25 0.00	39.56 2.55 0.00	44.70 3.16 0.00	49.60 3.63 0.00	51.16 3.88 0.00	57.98 4.54 -0.01	69.82 4.08 0.00	74.90 3.97 0.00	81.36 3.58 0.00	67.50 2.60 0.00	59.26 2.77 -0.01	51.28 2.81 0.00	42.30 2.39 -0.01
NARROWS_GT2_6 24241	35.63 1.95 -0.01	33.58 2.02 -0.01	30.24 1.84 0.00	30.18 1.79 0.00	30.29 1.71 0.00	33.66 1.33 0.00	35.07 1.54 0.00	35.20 1.87 0.00	34.68 1.99 0.00	33.56 1.96 0.00	34.70 2.06 0.00	37.43 2.25 0.00	39.56 2.55 0.00	44.70 3.16 0.00	49.60 3.63 0.00	51.16 3.88 0.00	57.98 4.54 -0.01	69.82 4.08 0.00	74.90 3.97 0.00	81.36 3.58 0.00	67.50 2.60 0.00	59.26 2.77 -0.01	51.28 2.81 0.00	42.30 2.39 -0.01
NARROWS_GT2_7 24242	35.63 1.95 -0.01	33.58 2.02 -0.01	30.24 1.84 0.00	30.18 1.79 0.00	30.29 1.71 0.00	33.66 1.33 0.00	35.07 1.54 0.00	35.20 1.87 0.00	34.68 1.99 0.00	33.56 1.96 0.00	34.70 2.06 0.00	37.43 2.25 0.00	39.56 2.55 0.00	44.70 3.16 0.00	49.60 3.63 0.00	51.16 3.88 0.00	57.98 4.54 -0.01	69.82 4.08 0.00	74.90 3.97 0.00	81.36 3.58 0.00	67.50 2.60 0.00	59.26 2.77 -0.01	51.28 2.81 0.00	42.30 2.39 -0.01
NARROWS_GT2_8 24243	35.63 1.95 -0.01	33.58 2.02 -0.01	30.24 1.84 0.00	30.18 1.79 0.00	30.29 1.71 0.00	33.66 1.33 0.00	35.07 1.54 0.00	35.20 1.87 0.00	34.68 1.99 0.00	33.56 1.96 0.00	34.70 2.06 0.00	37.43 2.25 0.00	39.56 2.55 0.00	44.70 3.16 0.00	49.60 3.63 0.00	51.16 3.88 0.00	57.98 4.54 -0.01	69.82 4.08 0.00	74.90 3.97 0.00	81.36 3.58 0.00	67.50 2.60 0.00	59.26 2.77 -0.01	51.28 2.81 0.00	42.30 2.39 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	35.29 1.62 0.00	33.23 1.67 0.00	29.98 1.59 0.00	29.95 1.56 0.00	30.09 1.51 0.00	33.70 1.36 0.00	34.77 1.24 0.00	34.37 1.03 0.00	33.34 0.65 0.00	32.01 0.41 0.00	32.94 0.29 0.00	35.60 0.42 0.00	37.49 0.48 0.00	42.25 0.71 0.00	46.98 1.01 0.00	47.95 0.66 0.00	54.55 1.12 0.00	67.18 1.45 0.00	72.92 1.99 0.00	80.12 2.33 0.00	67.31 2.40 0.00	58.52 2.03 0.00	50.12 1.65 0.00	41.33 1.44 0.00

NCHELSEA_115KV_TR2 355582	35.42 1.75 0.00	33.29 1.74 0.00	30.01 1.62 0.00	29.98 1.59 0.00	30.09 1.51 0.00	33.63 1.29 0.00	34.97 1.44 0.00	34.94 1.60 0.00	34.35 1.67 0.00	33.12 1.52 0.00	34.31 1.66 0.00	36.97 1.79 0.00	39.05 2.04 0.00	43.95 2.41 0.00	48.82 2.85 0.00	50.45 3.17 0.00	57.01 3.58 0.00	69.62 3.88 0.00	74.76 3.83 0.00	81.67 3.89 0.00	67.89 2.99 0.00	59.09 2.60 0.00	50.99 2.52 0.00	41.93 2.03 0.00
NEG CAPITAL___MECHNVIL 23645	35.49 1.82 0.00	33.39 1.83 0.00	30.12 1.73 0.00	30.10 1.70 0.00	30.29 1.71 0.00	33.95 1.62 0.00	35.17 1.64 0.00	34.80 1.47 0.00	33.89 1.21 0.00	32.45 0.85 0.00	33.23 0.59 0.00	36.13 0.95 0.00	38.05 1.03 0.00	42.91 1.37 0.00	47.53 1.56 0.00	48.66 1.37 0.00	55.46 2.03 0.00	68.04 2.30 0.00	73.56 2.63 0.00	80.74 2.96 0.00	67.70 2.79 0.00	58.97 2.48 0.00	50.60 2.13 0.00	41.73 1.84 0.00
NEG CENTRAL_HIGH_ACRES 23767	31.75 -1.92 0.00	28.76 -2.21 0.58	25.72 -2.02 0.66	25.57 -1.96 0.86	25.93 -1.94 0.70	28.71 -2.23 1.40	29.98 -2.18 1.37	31.10 -2.23 0.00	30.92 -1.77 0.00	30.40 -1.20 0.00	31.53 -1.11 0.00	33.77 -1.41 0.00	35.24 -1.78 0.00	39.43 -2.12 0.00	43.71 -2.25 0.00	45.49 -1.80 0.00	50.99 -2.40 0.03	61.95 -2.11 1.69	68.23 -1.84 0.85	74.07 -1.87 1.84	61.68 -2.08 1.14	53.09 -2.37 1.03	45.33 -2.57 0.56	37.66 -2.23 0.00
NEG CENTRAL___DRP 24199	33.70 0.03 0.00	34.21 0.06 -2.59	31.32 0.00 -2.93	32.26 0.03 -3.84	31.74 0.06 -3.10	38.59 0.06 -6.18	39.72 0.13 -6.06	33.89 0.07 -0.49	32.60 -0.10 -0.02	31.44 -0.16 0.00	32.48 -0.16 0.00	35.04 -0.14 0.00	36.86 -0.15 0.00	42.35 -0.08 -0.89	46.82 0.09 -0.76	48.70 0.47 -0.94	55.51 0.80 -1.28	77.54 2.30 -9.50	78.65 2.98 -4.75	90.89 3.58 -9.53	72.79 2.60 -5.29	63.19 1.98 -4.73	52.59 0.92 -3.20	40.78 0.52 -0.37
NEG CENTRAL___INDECK 23768	33.03 -0.64 0.00	42.96 -0.95 -12.35	41.43 -0.91 -13.95	45.89 -0.82 -18.32	42.60 -0.77 -14.79	59.54 -0.81 -28.01	60.37 -0.60 -27.45	34.66 -1.00 -2.33	31.76 -1.01 -0.09	31.09 -0.51 0.00	32.22 -0.43 0.00	34.44 -0.74 0.00	35.90 -1.11 0.00	40.26 -1.29 0.00	44.73 -1.24 0.00	46.90 -0.43 -0.04	53.60 -0.48 -0.65	99.60 0.92 -32.94	90.07 2.41 -16.73	117.90 3.81 -36.30	90.17 2.79 -22.48	78.24 1.64 -20.11	60.06 0.34 -11.25	39.77 -0.20 -0.07
NEG CENTRAL___SENECA 23627	33.94 0.27 0.00	36.07 0.32 -4.20	33.33 0.20 -4.74	34.88 0.26 -6.23	33.89 0.29 -5.03	42.69 0.36 -10.00	43.80 0.47 -9.80	34.52 0.40 -0.78	32.85 0.13 -0.03	31.60 0.00 0.00	32.64 0.00 0.00	35.21 0.04 0.00	37.12 0.11 0.00	42.55 0.25 -0.75	47.12 0.51 -0.64	49.08 0.99 -0.80	56.18 1.55 -1.20	83.79 3.62 -14.43	82.33 4.54 -6.86	97.40 5.37 -14.25	77.24 4.02 -8.31	67.09 3.16 -7.43	54.79 1.70 -4.62	41.25 1.04 -0.32
NEG CENTRAL___STATE_STREET 24147	33.50 -0.17 0.00	32.20 -0.19 -0.83	29.13 -0.20 -0.94	29.42 -0.20 -1.23	29.40 -0.17 -0.99	34.09 -0.26 -2.01	35.30 -0.20 -1.97	33.22 -0.27 -0.15	32.39 -0.29 -0.01	31.28 -0.32 0.00	32.35 -0.29 0.00	34.83 -0.35 0.00	36.60 -0.41 0.00	42.05 -0.42 -0.92	46.43 -0.32 -0.78	48.21 -0.05 -0.97	54.69 0.05 -1.21	70.46 0.99 -3.74	74.55 1.35 -2.28	83.72 1.79 -4.14	68.07 1.23 -1.93	59.05 0.85 -1.71	50.22 0.19 -1.55	40.26 0.00 -0.37
NEG MILLWOOD___DRP 24198	35.56 1.89 0.00	33.39 1.83 0.00	30.10 1.70 0.00	30.04 1.65 0.00	30.18 1.60 0.00	33.73 1.39 0.00	35.10 1.58 0.00	35.10 1.77 0.00	34.51 1.83 0.00	33.31 1.71 0.00	34.50 1.86 0.00	37.18 2.01 0.00	39.27 2.26 0.00	44.25 2.70 0.00	49.09 3.13 0.00	50.69 3.40 0.00	57.28 3.85 0.00	69.95 4.21 0.00	75.11 4.18 0.00	82.06 4.28 0.00	68.02 3.12 0.00	59.31 2.82 0.00	51.18 2.71 0.00	42.09 2.19 0.00
NEG NORTH_FLCN_SEA 23793	34.01 0.34 0.00	31.71 0.16 0.00	28.45 0.06 0.00	28.45 0.06 0.00	28.63 0.06 0.00	32.66 0.32 0.00	33.96 0.44 0.00	33.70 0.37 0.00	33.08 0.39 0.00	32.04 0.44 0.00	33.10 0.46 0.00	35.71 0.53 0.00	37.64 0.63 0.00	42.17 0.62 0.00	46.52 0.55 0.00	47.85 0.57 0.00	53.96 0.53 0.00	66.46 0.72 0.00	71.99 1.06 0.00	79.18 1.40 0.00	65.94 1.04 0.00	57.39 0.90 0.00	49.24 0.78 0.00	40.49 0.60 0.00
NEG NORTH_KES_CHATEGAY 23792	33.74 0.07 0.00	31.46 -0.09 0.00	28.22 -0.17 0.00	28.25 -0.14 0.00	28.43 -0.14 0.00	32.37 0.03 0.00	33.66 0.13 0.00	33.40 0.07 0.00	32.75 0.07 0.00	31.70 0.09 0.00	32.74 0.10 0.00	35.28 0.11 0.00	37.20 0.19 0.00	41.63 0.08 0.00	46.01 0.05 0.00	47.29 0.00 0.00	53.38 -0.05 0.00	65.74 0.00 0.00	71.28 0.35 0.00	78.48 0.70 0.00	65.43 0.52 0.00	56.94 0.45 0.00	48.81 0.34 0.00	40.17 0.28 0.00
NEG NORTH___ALICE_FALLS 23915	34.21 0.54 0.00	31.87 0.32 0.00	28.53 0.14 0.00	28.56 0.17 0.00	28.72 0.14 0.00	32.76 0.42 0.00	34.13 0.60 0.00	33.77 0.43 0.00	33.14 0.46 0.00	32.07 0.47 0.00	33.10 0.46 0.00	35.67 0.49 0.00	37.68 0.67 0.00	42.13 0.58 0.00	46.52 0.55 0.00	47.90 0.61 0.00	54.07 0.64 0.00	66.92 1.18 0.00	72.77 1.84 0.00	80.20 2.41 0.00	66.72 1.82 0.00	57.96 1.47 0.00	49.58 1.11 0.00	40.81 0.92 0.00
NEG NORTH___LWR_SARANAC 23913	34.21 0.54 0.00	31.87 0.32 0.00	28.53 0.14 0.00	28.56 0.17 0.00	28.72 0.14 0.00	32.76 0.42 0.00	34.13 0.60 0.00	33.77 0.43 0.00	33.14 0.46 0.00	32.07 0.47 0.00	33.10 0.46 0.00	35.67 0.49 0.00	37.68 0.67 0.00	42.13 0.58 0.00	46.52 0.55 0.00	47.90 0.61 0.00	54.07 0.64 0.00	66.92 1.18 0.00	72.77 1.84 0.00	80.20 2.41 0.00	66.72 1.82 0.00	57.96 1.47 0.00	49.58 1.11 0.00	40.81 0.92 0.00
NEG NORTH___PLATTSBURG 23628	34.21 0.54 0.00	31.87 0.32 0.00	28.53 0.14 0.00	28.56 0.17 0.00	28.72 0.14 0.00	32.76 0.42 0.00	34.10 0.57 0.00	33.77 0.43 0.00	33.14 0.46 0.00	32.08 0.47 0.00	33.13 0.49 0.00	35.67 0.49 0.00	37.68 0.67 0.00	42.13 0.58 0.00	46.52 0.55 0.00	47.90 0.61 0.00	53.91 0.48 0.00	66.92 1.18 0.00	72.77 1.84 0.00	80.20 2.41 0.00	66.72 1.81 0.00	58.07 1.58 0.00	49.58 1.12 0.00	40.77 0.88 0.00
NEG WEST_LEA_LOCKPORT 23791	29.90 -3.77 0.00	25.11 -3.38 3.07	21.86 -3.07 3.47	20.83 -3.01 4.55	21.84 -3.06 3.68	21.73 -3.43 7.18	23.21 -3.29 7.03	29.01 -3.93 0.39	29.10 -3.56 0.02	28.38 -3.22 0.00	29.31 -3.33 0.00	31.77 -3.41 0.00	33.35 -3.66 0.00	37.64 -3.91 0.00	41.69 -4.27 0.00	43.35 -3.92 0.01	48.86 -4.43 0.14	55.23 -3.88 6.63	62.84 -3.83 4.26	64.44 -4.12 9.22	54.97 -4.22 5.72	47.26 -4.01 5.22	41.31 -4.27 2.89	36.00 -3.87 0.02
NEG WEST___LANCASTR 23811	30.61 -3.06 0.00	26.72 -1.64 3.19	23.28 -1.50 3.60	22.18 -1.48 4.73	23.24 -1.51 3.82	22.42 -1.58 8.33	23.99 -1.37 8.16	31.25 -1.60 0.48	29.92 -2.75 0.02	29.07 -2.53 0.00	30.13 -2.51 0.00	32.72 -2.46 0.00	34.42 -2.59 0.00	38.89 -2.66 0.00	43.12 -2.85 0.00	44.77 -2.51 0.01	51.78 -1.55 0.10	60.60 -0.46 4.68	67.24 -0.35 3.33	70.25 -0.31 7.23	59.84 -0.58 4.48	52.09 -0.40 4.00	43.91 -1.21 3.34	38.32 -1.56 0.02

NEG_PENN_ALLEGHNY 23528	33.70 0.03 0.00	32.33 0.16 -0.62	29.24 0.14 -0.70	29.45 0.14 -0.92	29.46 0.14 -0.74	33.90 0.06 -1.49	35.02 0.03 -1.46	33.34 0.00 0.00	32.55 -0.13 0.00	31.60 0.00 0.00	32.68 0.03 0.00	35.21 0.04 0.00	36.97 -0.04 0.00	42.08 0.00 -0.53	46.51 0.09 -0.46	48.24 0.38 -0.57	54.79 0.64 -0.72	69.48 1.18 -2.56	73.83 1.34 -1.56	82.25 1.56 -2.91	67.50 1.17 -1.43	58.67 0.90 -1.28	49.99 0.48 -1.04	40.39 0.28 -0.22
NEG___GEN_MONROE 24207	31.85 -1.82 0.00	28.76 -2.05 0.75	25.64 -1.90 0.85	25.44 -1.85 1.11	25.82 -1.86 0.90	28.44 -2.07 1.83	29.83 -1.91 1.79	31.17 -2.17 0.00	30.98 -1.70 0.00	30.08 -1.52 0.00	31.14 -1.50 0.00	33.59 -1.58 0.00	35.27 -1.74 0.00	39.72 -1.83 0.00	44.04 -1.93 0.00	45.77 -1.51 0.00	51.29 -2.14 0.00	64.42 -1.31 0.00	68.99 -0.85 1.09	74.80 -0.62 2.36	62.28 -1.17 1.46	53.66 -1.53 1.30	45.70 -2.04 0.73	38.09 -1.80 0.00
NEPA___ENERGY 23901	30.71 -2.96 0.00	25.55 -2.46 3.54	22.12 -2.27 4.00	20.92 -2.21 5.26	22.05 -2.29 4.24	21.24 -2.46 8.64	22.78 -2.28 8.47	30.33 -2.50 0.50	29.98 -2.68 0.02	29.26 -2.34 0.00	30.33 -2.32 0.00	32.93 -2.25 0.00	34.61 -2.41 0.00	39.09 -2.45 0.00	43.35 -2.62 0.00	45.01 -2.27 0.01	51.10 -2.19 0.13	58.29 -1.18 6.26	65.65 -1.06 4.22	67.47 -1.17 9.14	57.62 -1.62 5.67	49.80 -1.69 4.99	42.53 -2.47 3.46	37.48 -2.39 0.02
NEVERSINK___HYD 23608	34.92 1.25 0.00	32.85 1.29 0.00	29.58 1.19 0.00	29.56 1.16 0.00	29.66 1.09 0.00	33.24 0.90 0.00	34.50 0.97 0.00	34.60 1.27 0.00	33.99 1.31 0.00	32.68 1.08 0.00	33.79 1.14 0.00	36.30 1.13 0.00	38.31 1.29 0.00	43.25 1.70 0.00	48.08 2.12 0.00	49.65 2.36 0.00	56.37 2.94 0.00	69.09 3.35 0.00	74.40 3.47 0.00	81.29 3.50 0.00	67.70 2.79 0.00	58.75 2.26 0.00	50.55 2.08 0.00	41.53 1.64 0.00
NEWKRMKL_115KV_TB1 55635	34.71 1.04 0.00	32.69 1.14 0.00	29.50 1.11 0.00	29.47 1.08 0.00	29.63 1.06 0.00	33.21 0.87 0.00	34.36 0.84 0.00	34.20 0.87 0.00	33.21 0.52 0.00	32.04 0.44 0.00	33.00 0.36 0.00	35.71 0.53 0.00	37.60 0.59 0.00	42.29 0.75 0.00	46.84 0.87 0.00	47.81 0.52 0.00	54.23 0.80 0.00	66.26 0.53 0.00	71.50 0.57 0.00	78.17 0.39 0.00	65.56 0.65 0.00	57.16 0.68 0.00	49.15 0.68 0.00	40.61 0.72 0.00
NEWTON___FALLS_HYD 23847	33.87 0.20 0.00	31.62 0.06 0.00	28.36 -0.03 0.00	28.42 0.03 0.00	28.52 -0.06 0.00	32.50 0.16 0.00	33.79 0.27 0.00	33.34 0.00 0.00	32.65 -0.03 0.00	31.51 -0.09 0.00	32.58 -0.07 0.00	35.14 -0.04 0.00	37.05 0.04 0.00	41.50 -0.04 0.00	45.64 -0.32 0.00	46.77 -0.52 0.00	52.74 -0.69 0.00	65.54 -0.20 0.00	71.64 0.71 0.00	79.50 1.71 0.00	66.40 1.49 0.00	57.56 1.07 0.00	49.29 0.82 0.00	40.49 0.60 0.00
NGRID_A1_DSASP 323792	29.76 -3.91 0.00	24.67 -3.76 3.13	21.45 -3.41 3.54	20.39 -3.35 4.65	21.42 -3.40 3.75	21.29 -3.82 7.23	22.75 -3.69 7.09	28.86 -4.07 0.41	28.81 -3.86 0.02	28.09 -3.51 0.00	29.02 -3.62 0.00	31.38 -3.80 0.00	32.94 -4.07 0.00	37.14 -4.40 0.00	41.14 -4.83 0.00	42.69 -4.59 0.01	47.75 -5.56 0.13	54.52 -5.39 5.83	60.68 -5.60 4.65	61.60 -6.07 10.12	52.81 -5.84 6.26	46.43 -5.37 4.69	40.19 -5.38 2.90	35.41 -4.47 0.02
NGRID_A2_DSASP 323793	29.76 -3.91 0.00	24.67 -3.76 3.13	21.45 -3.41 3.54	20.39 -3.35 4.65	21.42 -3.40 3.75	21.29 -3.82 7.23	22.75 -3.69 7.09	28.86 -4.07 0.41	28.81 -3.86 0.02	28.09 -3.51 0.00	29.02 -3.62 0.00	31.38 -3.80 0.00	32.94 -4.07 0.00	37.14 -4.40 0.00	41.14 -4.83 0.00	42.69 -4.59 0.01	47.75 -5.56 0.13	54.52 -5.39 5.83	60.68 -5.60 4.65	61.60 -6.07 10.12	52.81 -5.84 6.26	46.43 -5.37 4.69	40.19 -5.38 2.90	35.41 -4.47 0.02
NGRID_A4_DSASP 323807	29.76 -3.91 0.00	24.67 -3.76 3.13	21.45 -3.41 3.54	20.39 -3.35 4.65	21.42 -3.40 3.75	21.29 -3.82 7.23	22.75 -3.69 7.09	28.86 -4.07 0.41	28.81 -3.86 0.02	28.09 -3.51 0.00	29.02 -3.62 0.00	31.38 -3.80 0.00	32.94 -4.07 0.00	37.14 -4.40 0.00	41.14 -4.83 0.00	42.69 -4.59 0.01	47.75 -5.56 0.13	54.52 -5.39 5.83	60.68 -5.60 4.65	61.60 -6.07 10.12	52.81 -5.84 6.26	46.43 -5.37 4.69	40.19 -5.38 2.90	35.41 -4.47 0.02
NIAGARA_115E_LBMP 323715	29.39 -4.28 0.00	24.84 -3.69 3.02	21.66 -3.32 3.41	20.65 -3.26 4.47	21.62 -3.34 3.62	21.35 -3.75 7.23	22.82 -3.62 7.09	28.37 -4.57 0.40	28.65 -4.02 0.02	28.69 -2.91 0.00	29.87 -2.77 0.00	31.80 -3.38 0.00	32.87 -4.14 0.00	36.81 -4.74 0.00	40.77 -5.19 0.00	42.59 -4.68 0.01	47.89 -5.34 0.20	51.13 -5.46 9.15	60.72 -5.53 4.68	61.67 -5.99 10.13	53.05 -5.58 6.28	45.70 -5.20 5.59	40.51 -5.04 2.92	35.17 -4.71 0.02
NIAGARA_115W_LBMP 323714	29.90 -3.77 0.00	24.68 -3.76 3.12	21.46 -3.41 3.52	20.41 -3.35 4.63	21.44 -3.40 3.74	21.26 -3.85 7.23	22.75 -3.69 7.09	28.83 -4.10 0.40	28.88 -3.79 0.02	28.95 -2.65 0.00	30.13 -2.51 0.00	32.08 -3.10 0.00	33.13 -3.89 0.00	37.10 -4.44 0.00	41.05 -4.92 0.00	42.88 -4.40 0.01	47.81 -5.45 0.16	52.10 -5.85 7.79	60.55 -5.74 4.64	61.40 -6.30 10.09	52.83 -5.84 6.24	46.08 -5.65 4.76	40.19 -5.38 2.90	35.33 -4.55 0.02
NIAGARA_230_LBMP 323716	30.03 -3.64 0.00	24.90 -3.66 3.00	21.68 -3.32 3.39	20.67 -3.26 4.45	21.67 -3.31 3.60	21.37 -3.75 7.21	22.84 -3.62 7.07	28.98 -3.97 0.38	29.24 -3.43 0.02	29.23 -2.37 0.00	30.42 -2.22 0.00	32.40 -2.78 0.00	33.46 -3.55 0.00	37.48 -4.07 0.00	41.46 -4.50 0.00	43.31 -3.97 0.01	48.34 -4.91 0.18	51.61 -5.00 9.13	61.31 -4.97 4.66	62.31 -5.37 10.11	53.59 -5.06 6.26	46.00 -4.91 5.57	40.72 -4.85 2.90	35.77 -4.11 0.02
NIAGARA___115KV_198_GIBSON 55903	29.73 -3.94 0.00	24.68 -3.76 3.12	21.46 -3.41 3.52	20.41 -3.35 4.63	21.41 -3.43 3.74	21.26 -3.85 7.23	22.75 -3.69 7.09	28.83 -4.10 0.40	28.78 -3.89 0.02	28.03 -3.57 0.00	28.95 -3.69 0.00	31.34 -3.83 0.00	32.87 -4.15 0.00	37.06 -4.49 0.00	41.05 -4.92 0.00	42.60 -4.68 0.01	47.64 -5.66 0.13	54.19 -5.59 5.96	60.55 -5.75 4.64	61.47 -6.22 10.09	52.70 -5.97 6.24	46.25 -5.48 4.76	40.09 -5.48 2.90	35.33 -4.55 0.02
NIAGARA____ 23760	30.03 -3.64 0.00	24.89 -3.66 3.00	21.68 -3.32 3.39	20.67 -3.26 4.46	21.66 -3.31 3.60	21.37 -3.75 7.22	22.83 -3.62 7.07	28.97 -3.97 0.40	29.24 -3.43 0.02	29.23 -2.37 0.00	30.42 -2.22 0.00	32.40 -2.78 0.00	33.46 -3.55 0.00	37.48 -4.07 0.00	41.46 -4.50 0.00	43.30 -3.97 0.01	48.34 -4.91 0.18	51.88 -5.00 8.86	61.31 -4.97 4.66	62.31 -5.37 10.11	53.59 -5.06 6.26	46.17 -4.91 5.40	40.72 -4.85 2.90	35.77 -4.11 0.02
NINE_MILE_1 23575	32.63 -1.04 0.00	30.54 -1.01 0.00	27.46 -0.94 0.00	27.48 -0.91 0.00	27.66 -0.92 0.00	31.20 -1.13 0.00	32.39 -1.14 0.00	32.17 -1.17 0.00	31.61 -1.08 0.00	30.65 -0.95 0.00	31.67 -0.98 0.00	34.02 -1.16 0.00	35.68 -1.33 0.00	32.23 -1.58 7.73	37.59 -1.75 6.63	37.44 -1.66 8.19	41.78 -1.87 9.78	53.27 -2.11 10.36	59.69 -2.13 9.11	62.44 -2.26 13.09	60.17 -2.01 2.72	52.27 -1.86 2.35	40.42 -1.74 6.30	35.36 -1.48 3.06

NINE_MILE_2 23744	32.63 -1.04 0.00	30.54 -1.01 0.00	27.48 -0.91 0.00	27.48 -0.91 0.00	27.66 -0.92 0.00	31.24 -1.10 0.00	32.39 -1.14 0.00	32.17 -1.17 0.00	31.61 -1.08 0.00	30.65 -0.95 0.00	31.67 -0.98 0.00	34.02 -1.16 0.00	35.68 -1.33 0.00	32.12 -1.58 7.85	37.49 -1.75 6.73	37.32 -1.66 8.31	41.63 -1.87 9.92	53.12 -2.11 10.51	59.55 -2.13 9.25	62.24 -2.26 13.28	60.20 -1.95 2.77	52.24 -1.86 2.39	40.33 -1.74 6.40	35.32 -1.48 3.10
NM_CAPITAL___DRP 24208	34.68 1.01 0.00	32.66 1.10 0.00	29.47 1.08 0.00	29.47 1.08 0.00	29.61 1.03 0.00	33.18 0.84 0.00	34.36 0.84 0.00	34.17 0.83 0.00	33.21 0.52 0.00	32.04 0.44 0.00	33.04 0.39 0.00	35.71 0.53 0.00	37.60 0.59 0.00	42.29 0.75 0.00	46.79 0.83 0.00	47.76 0.47 0.00	54.18 0.75 0.00	66.46 0.72 0.00	71.64 0.71 0.00	78.41 0.62 0.00	65.75 0.84 0.00	57.33 0.85 0.00	49.29 0.82 0.00	40.69 0.80 0.00
NM_CENTRAL___DRP 24181	33.17 -0.51 0.00	31.05 -0.50 0.00	27.94 -0.45 0.00	27.94 -0.45 0.00	28.12 -0.46 0.00	31.79 -0.55 0.00	32.99 -0.54 0.00	32.80 -0.53 0.00	32.19 -0.49 0.00	31.13 -0.47 0.00	32.15 -0.49 0.00	34.62 -0.56 0.00	36.34 -0.67 0.00	41.10 -0.75 -0.30	45.49 -0.74 -0.26	47.04 -0.57 -0.32	53.17 -0.64 -0.38	65.94 -0.20 -0.40	71.14 -0.14 -0.35	78.29 0.00 -0.51	64.82 -0.19 -0.11	56.24 -0.34 -0.09	48.13 -0.58 -0.24	39.45 -0.56 -0.12
NM_FRONTIER___DRP 24179	29.73 -3.94 0.00	24.68 -3.76 3.12	21.46 -3.41 3.52	20.41 -3.35 4.63	21.41 -3.43 3.74	21.26 -3.85 7.23	22.75 -3.69 7.09	28.83 -4.10 0.40	28.78 -3.89 0.02	28.03 -3.57 0.00	28.95 -3.69 0.00	31.34 -3.83 0.00	32.87 -4.15 0.00	37.06 -4.49 0.00	41.05 -4.92 0.00	42.60 -4.68 0.01	47.64 -5.66 0.13	54.19 -5.59 5.96	60.55 -5.75 4.64	61.47 -6.22 10.09	52.70 -5.97 6.24	46.25 -5.48 4.76	40.09 -5.48 2.90	35.33 -4.55 0.02
NM_ST_REGIS___HYD 24053	33.74 0.07 0.00	31.43 -0.13 0.00	28.16 -0.23 0.00	28.22 -0.17 0.00	28.35 -0.23 0.00	32.24 -0.10 0.00	33.53 0.00 0.00	33.14 -0.20 0.00	32.52 -0.16 0.00	31.47 -0.13 0.00	32.55 -0.10 0.00	35.07 -0.11 0.00	37.05 0.04 0.00	41.42 -0.12 0.00	45.37 -0.60 0.00	46.39 -0.90 0.00	52.09 -1.34 0.00	64.16 -1.58 0.00	70.57 -0.35 0.00	77.94 0.16 0.00	65.04 0.13 0.00	56.54 0.06 0.00	48.61 0.15 0.00	40.09 0.20 0.00
NORTHPORT___1 23551	35.59 1.92 0.00	33.32 1.77 0.00	30.15 1.76 0.00	30.01 1.62 0.00	30.09 1.51 0.00	33.66 1.33 0.00	35.34 1.81 0.00	35.44 2.10 0.00	34.51 1.83 0.00	33.09 1.49 0.00	34.47 1.83 0.00	36.97 1.79 0.00	39.42 2.40 0.00	44.66 3.12 0.00	49.42 3.45 0.00	50.84 3.55 -0.01	55.61 2.19 0.01	67.37 1.64 0.02	72.20 1.28 0.01	78.55 0.78 0.02	65.29 0.39 0.01	56.99 0.51 0.01	51.08 2.62 0.00	42.17 2.27 0.00
NORTHPORT___2 23552	35.59 1.92 0.00	33.32 1.77 0.00	30.15 1.76 0.00	30.01 1.62 0.00	30.09 1.51 0.00	33.66 1.33 0.00	35.34 1.81 0.00	35.44 2.10 0.00	34.51 1.83 0.00	33.09 1.49 0.00	34.47 1.83 0.00	36.97 1.79 0.00	39.42 2.40 0.00	44.66 3.12 0.00	49.42 3.45 0.00	50.84 3.55 -0.01	55.61 2.19 0.01	67.37 1.64 0.02	72.20 1.28 0.01	78.55 0.78 0.02	65.29 0.39 0.01	56.99 0.51 0.01	51.08 2.62 0.00	42.17 2.27 0.00
NORTHPORT___3 23553	35.11 1.85 0.41	32.98 1.73 0.31	29.92 1.70 0.18	29.98 1.59 0.00	30.06 1.49 0.00	33.60 1.26 0.00	35.27 1.74 0.00	35.37 2.03 0.00	34.48 1.80 0.00	33.06 1.45 0.00	34.44 1.79 0.00	36.94 1.76 0.00	39.38 2.37 0.00	44.62 3.07 0.00	49.37 3.40 0.00	50.79 3.50 -0.01	55.45 2.03 0.01	67.24 1.51 0.02	72.05 1.13 0.01	78.39 0.62 0.02	65.16 0.26 0.01	56.82 0.34 0.01	50.99 2.52 0.00	42.09 2.19 0.00
NORTHPORT___4 23650	35.11 1.85 0.41	32.98 1.73 0.31	29.92 1.70 0.18	29.98 1.59 0.00	30.06 1.49 0.00	33.60 1.26 0.00	35.27 1.74 0.00	35.37 2.03 0.00	34.48 1.80 0.00	33.06 1.45 0.00	34.44 1.79 0.00	36.94 1.76 0.00	39.38 2.37 0.00	44.62 3.07 0.00	49.37 3.40 0.00	50.79 3.50 -0.01	55.45 2.03 0.01	67.24 1.51 0.02	72.05 1.13 0.01	78.39 0.62 0.02	65.16 0.26 0.01	56.82 0.34 0.01	50.99 2.52 0.00	42.09 2.19 0.00
NORTHPORT___IC 23718	35.66 1.99 0.00	33.32 1.77 0.00	30.15 1.76 0.00	30.01 1.62 0.00	30.09 1.51 0.00	33.66 1.33 0.00	35.34 1.81 0.00	35.40 2.07 0.00	34.51 1.83 0.00	33.18 1.58 0.00	34.70 2.06 0.00	37.36 2.18 0.00	39.75 2.74 0.00	44.49 2.95 0.00	49.32 3.36 0.00	51.35 4.07 0.00	55.45 2.03 0.01	67.17 1.45 0.02	71.99 1.06 0.01	78.47 0.70 0.02	65.29 0.39 0.01	56.93 0.45 0.01	51.57 3.10 0.00	42.25 2.35 0.00
NORTH___COUNTRY_ESR 323785	33.67 0.00 0.00	31.40 -0.16 0.00	28.19 -0.20 0.00	28.19 -0.20 0.00	28.38 -0.20 0.00	32.34 0.00 0.00	33.59 0.07 0.00	33.37 0.03 0.00	32.75 0.07 0.00	31.73 0.13 0.00	32.77 0.13 0.00	35.32 0.14 0.00	37.23 0.22 0.00	41.71 0.17 0.00	46.06 0.09 0.00	47.33 0.05 0.00	53.22 -0.21 0.00	65.67 -0.07 0.00	71.21 0.28 0.00	78.25 0.47 0.00	65.23 0.33 0.00	56.89 0.40 0.00	48.71 0.24 0.00	40.09 0.20 0.00
NPX_GEN_1385_PROXY 323591	36.06 2.12 -0.27	33.05 1.77 0.27	30.35 1.96 0.00	30.21 1.82 0.00	30.29 1.71 0.00	33.84 1.55 0.05	36.06 2.48 -0.05	35.74 2.40 0.00	34.58 1.89 0.00	33.15 1.55 0.00	34.54 1.89 0.00	36.97 1.79 0.00	39.42 2.40 0.00	44.66 3.12 0.00	49.42 3.45 0.00	50.84 3.55 -0.01	55.61 2.19 0.01	67.37 1.64 0.02	72.20 1.28 0.01	78.55 0.78 0.02	65.74 0.84 0.01	57.95 1.47 0.01	51.42 2.96 0.00	42.45 2.56 0.00
NPX_GEN_CSC 323557	46.50 2.43 -10.41	41.34 2.27 -7.51	34.94 2.19 -4.36	30.41 2.02 0.00	30.46 1.89 0.00	34.03 1.75 0.05	35.83 2.25 -0.05	35.90 2.57 0.00	34.94 2.25 0.00	33.40 1.80 0.00	34.86 2.22 0.00	37.15 1.97 0.00	39.71 2.70 0.00	44.87 3.32 0.00	49.23 3.26 0.00	51.08 3.78 -0.01	55.72 2.30 0.01	67.30 1.58 0.02	72.34 1.42 0.01	78.63 0.86 0.02	65.16 0.26 0.01	56.99 0.51 0.01	51.86 3.39 0.00	42.69 2.79 0.00
NSINS_S_GLNS_FALLS 23858	35.89 2.22 0.00	33.80 2.24 0.00	30.49 2.10 0.00	30.46 2.07 0.00	30.69 2.11 0.00	34.41 2.07 0.00	35.61 2.08 0.00	35.17 1.83 0.00	34.15 1.47 0.00	32.83 1.23 0.00	33.00 0.36 0.00	35.95 0.77 0.00	37.83 0.81 0.00	42.63 1.08 0.00	47.30 1.33 0.00	48.37 1.09 0.00	54.93 1.50 0.00	67.51 1.77 0.00	73.20 2.27 0.00	80.35 2.57 0.00	67.44 2.53 0.00	58.69 2.20 0.00	50.45 1.99 0.00	41.57 1.68 0.00
NUCOR_STEEL___DRP 24197	33.54 -0.13 0.00	31.40 -0.16 0.00	28.22 -0.17 0.00	28.25 -0.14 0.00	28.43 -0.14 0.00	33.17 -0.23 -1.05	34.36 -0.20 -1.03	33.15 -0.27 -0.08	32.42 -0.26 0.00	31.28 -0.32 0.00	32.35 -0.29 0.00	34.83 -0.35 0.00	36.60 -0.41 0.00	42.02 -0.46 -0.93	46.35 -0.41 -0.80	48.14 -0.14 -0.99	54.53 -0.11 -1.21	69.02 0.72 -2.56	73.72 1.06 -1.73	82.05 1.32 -2.94	66.99 0.91 -1.17	58.15 0.62 -1.04	49.75 0.10 -1.19	40.23 -0.04 -0.37

NUMBER_THREE_WT_PWR 323818	34.21 0.54 0.00	32.00 0.44 0.00	28.70 0.31 0.00	28.73 0.34 0.00	28.80 0.23 0.00	32.73 0.39 0.00	34.06 0.53 0.00	33.63 0.30 0.00	32.88 0.20 0.00	31.76 0.16 0.00	32.81 0.16 0.00	35.43 0.25 0.00	37.27 0.26 0.00	41.80 0.25 0.00	46.15 0.18 0.00	47.48 0.19 0.00	53.75 0.32 0.00	67.05 1.31 0.00	73.27 2.34 0.00	81.44 3.66 0.00	67.96 3.05 0.00	58.75 2.26 0.00	50.12 1.65 0.00	41.05 1.16 0.00
NYISO_LBMP_REFERENCE 24008	33.67 0.00 0.00	31.56 0.00 0.00	28.39 0.00 0.00	28.39 0.00 0.00	28.58 0.00 0.00	32.34 0.00 0.00	33.53 0.00 0.00	33.34 0.00 0.00	32.68 0.00 0.00	31.60 0.00 0.00	32.64 0.00 0.00	35.18 0.00 0.00	37.01 0.00 0.00	41.55 0.00 0.00	45.97 0.00 0.00	47.29 0.00 0.00	53.43 0.00 0.00	65.74 0.00 0.00	70.93 0.00 0.00	77.78 0.00 0.00	64.91 0.00 0.00	56.49 0.00 0.00	48.47 0.00 0.00	39.89 0.00 0.00
NYPA_BRENTWD____GT 24164	38.01 2.32 -2.02	35.28 2.18 -1.55	31.36 2.10 -0.87	30.35 1.96 0.00	30.43 1.86 0.00	34.05 1.71 0.00	35.74 2.21 0.00	35.84 2.50 0.00	34.94 2.25 0.00	33.43 1.83 0.00	34.89 2.25 0.00	37.40 2.22 0.00	39.86 2.85 0.00	45.20 3.66 0.00	50.01 4.05 0.00	51.60 4.30 -0.01	56.57 3.15 0.01	68.48 2.76 0.01	73.47 2.55 0.01	79.94 2.17 0.01	66.32 1.43 0.01	58.01 1.53 0.01	51.81 3.34 0.00	42.69 2.79 0.00
NYPA_GOWANUS____GT5 24156	35.63 1.95 -0.01	33.58 2.02 -0.01	30.24 1.84 0.00	30.18 1.79 0.00	30.29 1.71 0.00	33.66 1.33 0.00	35.07 1.54 0.00	35.20 1.87 0.00	34.68 1.99 0.00	33.56 1.96 0.00	34.70 2.06 0.00	37.43 2.25 0.00	39.56 2.55 0.00	44.70 3.16 0.00	49.60 3.63 0.00	51.16 3.88 0.00	57.98 4.54 -0.01	69.82 4.08 0.00	74.90 3.97 0.00	81.36 3.58 0.00	67.50 2.60 0.00	59.26 2.77 -0.01	51.28 2.81 0.00	42.30 2.39 -0.01
NYPA_GOWANUS____GT6 24157	35.63 1.95 -0.01	33.58 2.02 -0.01	30.24 1.84 0.00	30.18 1.79 0.00	30.29 1.71 0.00	33.66 1.33 0.00	35.07 1.54 0.00	35.20 1.87 0.00	34.68 1.99 0.00	33.56 1.96 0.00	34.70 2.06 0.00	37.43 2.25 0.00	39.56 2.55 0.00	44.70 3.16 0.00	49.60 3.63 0.00	51.16 3.88 0.00	57.98 4.54 -0.01	69.82 4.08 0.00	74.90 3.97 0.00	81.36 3.58 0.00	67.50 2.60 0.00	59.26 2.77 -0.01	51.28 2.81 0.00	42.30 2.39 -0.01
NYPA_HARLEM__RVR__GT1 24160	35.42 1.75 0.00	33.58 2.02 -0.01	30.24 1.84 0.00	30.18 1.79 0.00	30.29 1.71 0.00	33.60 1.26 0.00	34.89 1.38 0.01	35.06 1.73 0.01	34.57 1.89 0.01	33.42 1.83 0.01	34.50 1.86 0.01	37.21 2.04 0.01	39.30 2.30 0.01	44.36 2.83 0.01	49.17 3.22 0.01	50.73 3.45 0.01	57.43 4.01 0.01	69.34 3.61 0.01	74.33 3.40 0.01	80.73 2.96 0.01	67.04 2.14 0.01	58.57 2.09 0.01	50.79 2.33 0.00	41.97 2.07 0.00
NYPA_HARLEM__RVR__GT2 24161	35.42 1.75 0.00	33.58 2.02 -0.01	30.24 1.84 0.00	30.18 1.79 0.00	30.29 1.71 0.00	33.60 1.26 0.00	34.89 1.38 0.01	35.06 1.73 0.01	34.57 1.89 0.01	33.42 1.83 0.01	34.50 1.86 0.01	37.21 2.04 0.01	39.30 2.30 0.01	44.36 2.83 0.01	49.17 3.22 0.01	50.73 3.45 0.01	57.43 4.01 0.01	69.34 3.61 0.01	74.33 3.40 0.01	80.73 2.96 0.01	67.04 2.14 0.01	58.57 2.09 0.01	50.79 2.33 0.00	41.97 2.07 0.00
NYPA_KENT____GT 24152	35.56 1.88 0.00	33.52 1.96 -0.01	30.21 1.82 0.00	30.12 1.73 0.00	30.26 1.69 0.00	33.66 1.33 0.00	35.07 1.54 0.00	35.23 1.90 0.00	34.71 2.03 0.00	33.53 1.93 0.00	34.67 2.02 0.00	37.40 2.22 0.00	39.53 2.52 0.00	44.66 3.12 0.00	49.51 3.54 0.00	51.07 3.78 0.00	57.87 4.43 0.00	69.75 4.01 0.00	74.76 3.83 0.00	81.20 3.42 0.00	67.43 2.53 0.00	59.09 2.60 0.00	51.18 2.71 0.00	42.17 2.27 0.00
NYPA_POUCH1____GT 24155	35.63 1.95 -0.01	33.58 2.02 -0.01	30.24 1.84 0.00	30.18 1.79 0.00	30.29 1.71 0.00	33.63 1.29 0.00	35.00 1.47 0.00	35.10 1.77 0.00	34.58 1.89 0.00	33.43 1.83 0.00	34.57 1.93 0.00	37.32 2.15 0.00	39.45 2.44 0.00	44.62 3.07 0.00	49.51 3.54 0.00	51.07 3.78 0.00	57.82 4.38 -0.01	69.42 3.68 0.00	74.61 3.69 0.01	81.04 3.27 0.01	67.24 2.33 0.00	59.21 2.71 -0.01	51.28 2.81 0.00	42.25 2.35 -0.01
NYPA_VERNON____GT2 24162	35.45 1.78 0.00	33.46 1.89 -0.01	30.15 1.76 0.00	30.10 1.70 0.00	30.20 1.63 0.00	33.63 1.29 0.00	35.07 1.54 0.00	35.23 1.90 0.00	34.71 2.03 0.00	33.53 1.93 0.00	34.67 2.02 0.00	37.36 2.18 0.00	39.49 2.48 0.00	44.58 3.03 0.00	49.42 3.45 0.00	50.98 3.69 0.00	57.71 4.28 0.00	69.75 4.01 0.00	74.76 3.83 0.00	81.20 3.42 0.00	67.43 2.53 0.00	58.92 2.43 0.00	51.03 2.57 0.00	42.05 2.15 0.00
NYPA_VERNON____GT3 24163	35.45 1.78 0.00	33.46 1.89 -0.01	30.15 1.76 0.00	30.10 1.70 0.00	30.20 1.63 0.00	33.63 1.29 0.00	35.07 1.54 0.00	35.23 1.90 0.00	34.71 2.03 0.00	33.53 1.93 0.00	34.67 2.02 0.00	37.36 2.18 0.00	39.49 2.48 0.00	44.58 3.03 0.00	49.42 3.45 0.00	50.98 3.69 0.00	57.71 4.28 0.00	69.75 4.01 0.00	74.76 3.83 0.00	81.20 3.42 0.00	67.43 2.53 0.00	58.92 2.43 0.00	51.03 2.57 0.00	42.05 2.15 0.00
NYPA__ASTORIA_CC1 323568	35.42 1.75 0.00	33.46 1.89 -0.01	30.15 1.76 0.00	30.07 1.67 0.00	30.20 1.63 0.00	33.60 1.26 0.00	35.00 1.47 0.00	35.17 1.83 0.00	34.68 1.99 0.00	33.50 1.90 0.00	34.64 1.99 0.00	37.32 2.15 0.00	39.42 2.40 0.00	44.50 2.95 0.00	49.32 3.35 0.00	50.88 3.59 0.00	57.60 4.17 0.00	69.62 3.88 0.00	74.62 3.69 0.00	81.05 3.27 0.00	67.31 2.40 0.00	58.80 2.32 0.00	50.94 2.47 0.00	42.01 2.11 0.00
NYPA__ASTORIA_CC2 323569	35.42 1.75 0.00	33.46 1.89 -0.01	30.15 1.76 0.00	30.07 1.67 0.00	30.20 1.63 0.00	33.60 1.26 0.00	35.00 1.47 0.00	35.17 1.83 0.00	34.68 1.99 0.00	33.50 1.90 0.00	34.64 1.99 0.00	37.32 2.15 0.00	39.42 2.40 0.00	44.50 2.95 0.00	49.32 3.35 0.00	50.88 3.59 0.00	57.60 4.17 0.00	69.62 3.88 0.00	74.62 3.69 0.00	81.05 3.27 0.00	67.31 2.40 0.00	58.80 2.32 0.00	50.94 2.47 0.00	42.01 2.11 0.00
NYPA__HOLTSVILL 23794	45.84 2.22 -9.95	41.27 2.08 -7.64	34.69 2.02 -4.28	30.27 1.87 0.00	30.32 1.74 0.00	33.92 1.58 0.00	35.61 2.08 0.00	35.70 2.37 0.00	34.78 2.09 0.00	33.27 1.67 0.00	34.70 2.06 0.00	37.15 1.97 0.00	39.68 2.67 0.00	44.95 3.41 0.00	49.60 3.63 0.00	51.17 3.88 -0.01	55.99 2.56 0.01	67.89 2.17 0.02	72.90 1.98 0.01	79.24 1.47 0.02	65.74 0.84 0.01	57.33 0.85 0.01	51.52 3.06 0.00	42.45 2.56 0.00
NYPA__HELLGATE_GT1 24158	35.42 1.75 0.00	33.58 2.02 -0.01	30.24 1.84 0.00	30.18 1.79 0.00	30.29 1.71 0.00	33.60 1.26 0.00	34.89 1.38 0.01	35.06 1.73 0.01	34.57 1.89 0.01	33.42 1.83 0.01	34.50 1.86 0.01	37.21 2.04 0.01	39.30 2.30 0.01	44.36 2.83 0.01	49.17 3.22 0.01	50.73 3.45 0.01	57.43 4.01 0.01	69.34 3.61 0.01	74.33 3.40 0.01	80.73 2.96 0.01	67.04 2.14 0.01	58.57 2.09 0.01	50.79 2.33 0.00	41.97 2.07 0.00

NYPA_____HELLGATE_GT2 24159	35.42	33.58	30.24	30.18	30.29	33.60	34.89	35.06	34.57	33.42	34.50	37.21	39.30	44.36	49.17	50.73	57.43	69.34	74.33	80.73	67.04	58.57	50.79	41.97
	1.75	2.02	1.84	1.79	1.71	1.26	1.38	1.73	1.89	1.83	1.86	2.04	2.30	2.83	3.22	3.45	4.01	3.61	3.40	2.96	2.14	2.09	2.33	2.07
	0.00	-0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00
NYS_BARGE___HYD 23848	30.00	25.35	22.12	21.20	22.15	22.20	23.70	29.00	29.17	29.23	30.42	32.47	33.57	37.64	41.69	43.59	48.98	53.52	62.95	64.91	55.37	47.43	41.58	35.97
	-3.67	-3.35	-3.04	-2.95	-3.00	-3.39	-3.22	-3.97	-3.50	-2.37	-2.22	-2.71	-3.44	-3.91	-4.27	-3.69	-4.28	-4.14	-3.97	-4.20	-4.16	-4.12	-4.17	-3.91
	0.00	2.86	3.23	4.24	3.43	6.75	6.61	0.37	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.17	8.08	4.01	8.68	5.38	4.94	2.72	0.02
OAK ORCHARD___HYD 24046	31.99	28.86	25.79	25.61	26.00	28.68	30.03	31.27	31.18	30.78	31.99	34.19	35.60	39.84	44.17	46.01	51.47	62.44	68.92	74.73	62.21	53.49	45.65	37.94
	-1.68	-2.05	-1.87	-1.82	-1.80	-2.07	-1.95	-2.07	-1.50	-0.82	-0.65	-0.98	-1.41	-1.71	-1.79	-1.27	-1.92	-1.45	-1.06	-1.01	-1.43	-1.86	-2.18	-1.95
	0.00	0.65	0.73	0.96	0.77	1.58	1.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	1.85	0.94	2.04	1.27	1.13	0.64	0.00
OAKDALE___35_KV_LOAD 356122	33.57	32.28	29.17	29.43	29.40	33.88	35.00	33.17	32.42	31.35	32.42	34.97	36.79	41.86	46.27	47.94	54.37	67.42	73.46	81.91	67.20	58.47	49.74	40.19
	-0.10	0.06	0.03	0.06	0.03	-0.06	-0.10	-0.17	-0.26	-0.25	-0.23	-0.21	-0.22	-0.21	-0.14	0.09	0.27	0.85	0.92	1.09	0.78	0.62	0.19	0.08
	0.00	-0.66	-0.75	-0.99	-0.80	-1.60	-1.57	0.00	0.00	0.00	0.00	0.00	0.00	-0.52	-0.45	-0.56	-0.67	-0.83	-1.61	-3.03	-1.51	-1.36	-1.08	-0.21
OCC_CHEM___DRP 24175	29.76	24.67	21.45	20.39	21.42	21.29	22.75	28.86	28.81	28.09	29.02	31.38	32.94	37.14	41.14	42.69	47.75	54.52	60.68	61.60	52.81	46.43	40.19	35.41
	-3.91	-3.76	-3.41	-3.35	-3.40	-3.82	-3.69	-4.07	-3.86	-3.51	-3.62	-3.80	-4.07	-4.40	-4.83	-4.59	-5.56	-5.39	-5.60	-6.07	-5.84	-5.37	-5.38	-4.47
	0.00	3.13	3.54	4.65	3.75	7.23	7.09	0.41	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.13	5.83	4.65	10.12	6.26	4.69	2.90	0.02
OH_GEN_PROXY 24063	30.34	24.89	22.00	21.07	22.00	22.00	23.56	29.12	29.30	29.30	30.49	32.47	33.57	37.56	41.60	43.40	48.52	52.91	62.08	63.75	54.53	46.84	41.12	35.85
	-3.60	-3.63	-3.26	-3.21	-3.26	-3.69	-3.55	-3.87	-3.37	-2.31	-2.16	-2.71	-3.44	-3.99	-4.37	-3.88	-4.76	-4.80	-4.75	-5.14	-4.87	-4.74	-4.70	-4.03
	-0.27	3.04	3.13	4.11	3.32	6.65	6.41	0.35	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.15	8.03	4.10	8.90	5.51	4.90	2.65	0.02
OLIN_CORP_DRP 24177	29.39	24.77	21.58	20.55	21.53	21.25	22.72	28.46	28.61	27.90	28.82	31.20	32.72	36.93	40.91	42.46	47.97	52.99	60.82	61.42	52.83	45.66	40.47	35.29
	-4.28	-3.69	-3.32	-3.27	-3.34	-3.75	-3.62	-4.47	-4.05	-3.70	-3.82	-3.98	-4.29	-4.61	-5.06	-4.82	-5.29	-5.06	-5.18	-5.68	-5.45	-4.97	-5.04	-4.59
	0.00	3.09	3.49	4.58	3.70	7.33	7.18	0.41	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.17	7.69	4.94	10.69	6.62	5.85	2.95	0.02
OLIN_CORP_DSASP 323712	29.76	24.67	21.45	20.39	21.42	21.29	22.75	28.86	28.81	28.09	29.02	31.38	32.94	37.14	41.14	42.69	47.75	54.52	60.68	61.60	52.81	46.43	40.19	35.41
	-3.91	-3.76	-3.41	-3.35	-3.40	-3.82	-3.69	-4.07	-3.86	-3.51	-3.62	-3.80	-4.07	-4.40	-4.83	-4.59	-5.56	-5.39	-5.60	-6.07	-5.84	-5.37	-5.38	-4.47
	0.00	3.13	3.54	4.65	3.75	7.23	7.09	0.41	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.13	5.83	4.65	10.12	6.26	4.69	2.90	0.02
ONEIDA_HERK_LFGE 323681	34.21	32.06	28.82	28.84	28.98	32.79	34.06	33.70	32.94	31.79	32.84	35.46	37.31	41.88	46.33	47.66	54.02	67.05	72.85	80.51	67.24	58.29	49.78	40.85
	0.54	0.50	0.43	0.45	0.40	0.45	0.53	0.37	0.26	0.19	0.20	0.28	0.29	0.33	0.37	0.38	0.59	1.31	1.92	2.72	2.33	1.81	1.31	0.96
	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
ONEIDA___115KV_TB4 55905	34.21	32.09	28.85	28.90	29.06	32.85	34.03	33.70	32.98	31.76	32.81	35.42	37.23	41.84	46.33	47.76	54.12	67.32	73.06	80.58	67.31	58.35	49.78	40.81
	0.54	0.54	0.45	0.51	0.49	0.52	0.50	0.37	0.29	0.16	0.16	0.25	0.22	0.29	0.37	0.47	0.69	1.58	2.13	2.80	2.40	1.86	1.31	0.92
	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
ONONDAGA_REF_OCCRA 23987	33.33	31.21	28.08	28.08	28.26	31.95	33.12	32.94	32.29	31.22	32.25	34.72	36.49	41.47	45.85	47.49	53.70	66.61	71.88	79.11	65.28	56.70	48.59	39.77
	-0.34	-0.35	-0.31	-0.31	-0.31	-0.39	-0.40	-0.40	-0.39	-0.38	-0.39	-0.46	-0.52	-0.58	-0.55	-0.33	-0.37	0.20	0.35	0.47	0.19	0.06	-0.29	-0.32
	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	-0.50	-0.43	-0.54	-0.64	-0.68	-0.60	-0.86	-0.18	-0.15	-0.41	-0.20
ONONDAGA___COGEN 23986	33.37	31.24	28.11	28.11	28.29	32.08	33.26	33.07	32.42	31.32	32.38	34.86	36.60	41.94	46.30	48.01	54.30	67.36	72.53	80.02	65.71	57.07	49.08	40.10
	-0.30	-0.32	-0.28	-0.28	-0.29	-0.26	-0.27	-0.27	-0.26	-0.28	-0.26	-0.32	-0.41	-0.42	-0.37	-0.14	-0.16	0.53	0.64	0.86	0.52	0.34	-0.05	-0.12
	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	-0.81	-0.70	-0.86	-1.03	-1.09	-0.96	-1.38	-0.29	-0.25	-0.66	-0.32
ONTARIO___LFGE 23819	33.97	36.07	33.36	34.88	33.89	42.69	43.79	34.52	32.85	31.92	33.04	35.46	37.20	42.55	47.12	49.17	56.20	81.76	82.12	97.09	77.18	66.97	54.83	41.25
	0.30	0.32	0.23	0.25	0.29	0.36	0.47	0.40	0.13	0.32	0.39	0.28	0.19	0.25	0.51	1.09	1.60	3.22	4.33	5.05	3.96	3.05	1.74	1.04
	0.00	-4.20	-4.74	-6.23	-5.03	-10.00	-9.80	-0.78	-0.03	0.00	0.00	0.00	0.00	-0.75	-0.64	-0.80	-1.17	-12.80	-6.86	-14.25	-8.31	-7.43	-4.62	-0.32
ORANGEVILLE_WT_PWR 323706	31.04	17.16	12.64	8.44	12.02	5.54	7.33	29.22	29.91	29.83	31.01	33.21	34.53	38.80	43.02	44.99	50.37	36.56	55.61	46.39	44.75	38.12	36.31	37.44
	-2.63	-2.46	-2.27	-2.24	-2.26	-2.43	-2.31	-2.70	-2.71	-1.77	-1.63	-1.97	-2.48	-2.74	-2.94	-2.27	-2.51	-1.97	-1.42	-1.25	-1.49	-1.75	-2.37	-2.39
	0.00	11.93	13.48	17.71	14.30	24.37	23.88	1.42	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.55	27.21	13.90	30.14	18.67	16.61	9.79	0.06
ORANGEVILLE___ESR 323794	31.04	17.16	12.64	8.44	12.02	5.54	7.33	29.22	29.91	29.83	31.01	33.21	34.53	38.80	43.02	44.99	50.37	36.56	55.61	46.39	44.75	38.12	36.31	37.44
	-2.63	-2.46	-2.27	-2.24	-2.26	-2.43	-2.31	-2.70	-2.71	-1.77	-1.63	-1.97	-2.48	-2.74	-2.94	-2.27	-2.51	-1.97	-1.42	-1.25	-1.49	-1.75	-2.37	-2.39
	0.00	11.93	13.48	17.71	14.30	24.37	23.88	1.42	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.55	27.21	13.90	30.14	18.67	16.61	9.79	0.06

OSWEGATCHIE___HYD 24044	33.87 0.20 0.00	31.62 0.06 0.00	28.36 -0.03 0.00	28.39 0.00 0.00	28.52 -0.06 0.00	32.50 0.16 0.00	33.79 0.27 0.00	33.34 0.00 0.00	32.65 -0.03 0.00	31.54 -0.06 0.00	32.58 -0.07 0.00	35.18 0.00 0.00	37.09 0.07 0.00	41.50 -0.04 0.00	45.65 -0.32 0.00	46.77 -0.52 0.00	52.63 -0.80 0.00	65.48 -0.26 0.00	71.64 0.71 0.00	79.42 1.64 0.00	66.46 1.56 0.00	57.62 1.13 0.00	49.29 0.82 0.00	40.49 0.60 0.00
OSWEGO___5 23606	32.83 -0.84 0.00	30.73 -0.82 0.00	27.65 -0.74 0.00	27.65 -0.74 0.00	27.83 -0.74 0.00	31.43 -0.91 0.00	32.59 -0.94 0.00	32.37 -0.97 0.00	31.80 -0.88 0.00	30.84 -0.76 0.00	31.89 -0.75 0.00	34.26 -0.91 0.00	35.94 -1.07 0.00	46.42 -1.29 -6.16	49.87 -1.38 -5.28	52.54 -1.27 -6.52	59.78 -1.44 -7.79	72.41 -1.58 -8.25	76.63 -1.56 -7.26	86.57 -1.64 -10.42	65.65 -1.43 -2.17	56.95 -1.41 -1.87	52.13 -1.36 -5.02	41.17 -1.16 -2.43
OSWEGO___6 23613	32.83 -0.84 0.00	30.73 -0.82 0.00	27.65 -0.74 0.00	27.65 -0.74 0.00	27.83 -0.74 0.00	31.43 -0.91 0.00	32.59 -0.94 0.00	32.37 -0.97 0.00	31.80 -0.88 0.00	30.84 -0.76 0.00	31.89 -0.75 0.00	34.26 -0.91 0.00	35.94 -1.07 0.00	46.42 -1.29 -6.16	49.87 -1.38 -5.28	52.54 -1.27 -6.52	59.78 -1.44 -7.79	72.41 -1.58 -8.25	76.63 -1.56 -7.26	86.57 -1.64 -10.42	65.65 -1.43 -2.17	56.95 -1.41 -1.87	52.13 -1.36 -5.02	41.17 -1.16 -2.43
OUTOKUMPU-AB___DRP 24206	30.17 -3.50 0.00	25.07 -3.19 3.30	21.77 -2.90 3.72	20.66 -2.84 4.89	21.74 -2.89 3.95	21.41 -3.20 7.72	22.91 -3.05 7.57	29.37 -3.53 0.43	29.33 -3.33 0.02	28.63 -2.97 0.00	29.61 -3.04 0.00	32.12 -3.06 0.00	33.75 -3.26 0.00	38.18 -3.37 0.00	42.29 -3.68 0.00	43.92 -3.36 0.01	49.50 -3.79 0.14	56.31 -3.09 6.34	64.33 -2.98 3.62	66.71 -3.27 7.81	56.48 -3.57 4.85	47.98 -3.45 5.06	41.49 -3.88 3.10	36.40 -3.47 0.02
OXBOW___BTM 323836	30.14 -3.53 0.00	24.90 -3.44 3.22	21.64 -3.12 3.63	20.55 -3.07 4.77	21.61 -3.11 3.85	21.36 -3.49 7.48	22.87 -3.32 7.33	29.15 -3.77 0.42	29.20 -3.47 0.02	29.30 -2.31 0.00	30.52 -2.12 0.00	32.54 -2.64 0.00	33.64 -3.37 0.00	37.76 -3.78 0.00	41.83 -4.14 0.00	43.68 -3.60 0.01	48.88 -4.38 0.17	53.36 -4.40 7.97	63.27 -4.18 3.48	65.78 -4.51 7.49	55.77 -4.48 4.65	47.21 -4.41 4.87	41.01 -4.46 3.00	35.97 -3.91 0.02
OXBOW___ 24026	30.00 -3.67 0.00	24.90 -3.44 3.22	21.64 -3.12 3.63	20.55 -3.07 4.77	21.58 -3.14 3.85	21.36 -3.49 7.48	22.87 -3.32 7.33	29.15 -3.77 0.42	29.10 -3.56 0.02	28.41 -3.19 0.00	29.35 -3.30 0.00	31.84 -3.34 0.00	33.42 -3.59 0.00	37.76 -3.78 0.00	41.83 -4.14 0.00	43.40 -3.88 0.01	48.76 -4.54 0.13	55.58 -4.08 6.09	63.34 -4.11 3.48	65.86 -4.43 7.49	55.71 -4.54 4.65	47.32 -4.29 4.87	40.91 -4.56 3.00	35.96 -3.91 0.02
OXY_CHEM_DSASP 323612	29.76 -3.91 0.00	24.67 -3.76 3.13	21.45 -3.41 3.54	20.39 -3.35 4.65	21.42 -3.40 3.75	21.29 -3.82 7.23	22.75 -3.69 7.09	28.86 -4.07 0.41	28.81 -3.86 0.02	28.09 -3.51 0.00	29.02 -3.62 0.00	31.38 -3.80 0.00	32.94 -4.07 0.00	37.14 -4.40 0.00	41.14 -4.83 0.00	42.69 -4.59 0.01	47.75 -5.56 0.13	54.52 -5.39 5.83	60.68 -5.60 4.65	61.60 -6.07 10.12	52.81 -5.84 6.26	46.43 -5.37 4.69	40.19 -5.38 2.90	35.41 -4.47 0.02
OZONE_PARK_ESR 323760	35.66 1.99 0.00	33.54 1.99 0.00	30.24 1.85 0.00	30.18 1.79 0.00	30.29 1.71 0.00	33.79 1.46 0.00	35.30 1.78 0.00	35.40 2.07 0.00	34.91 2.22 0.00	33.81 2.21 0.00	35.06 2.42 0.00	37.71 2.53 0.00	39.86 2.85 0.00	44.79 3.24 0.00	49.64 3.68 0.00	51.31 4.02 0.00	57.92 4.49 0.00	70.41 4.67 0.00	75.33 4.40 0.00	82.14 4.36 0.00	68.15 3.25 0.00	59.48 2.99 0.00	51.47 3.00 0.00	42.29 2.39 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	29.76 -3.91 0.00	24.67 -3.76 3.13	21.45 -3.41 3.54	20.39 -3.35 4.65	21.42 -3.40 3.75	21.29 -3.82 7.23	22.75 -3.69 7.09	28.86 -4.07 0.41	28.81 -3.86 0.02	28.09 -3.51 0.00	29.02 -3.62 0.00	31.38 -3.80 0.00	32.94 -4.07 0.00	37.14 -4.40 0.00	41.14 -4.83 0.00	42.69 -4.59 0.01	47.75 -5.56 0.13	54.52 -5.39 5.83	60.68 -5.60 4.65	61.60 -6.07 10.12	52.81 -5.84 6.26	46.43 -5.37 4.69	40.19 -5.38 2.90	35.41 -4.47 0.02
PACKARD___115KV_DUPONT_184 80571	29.93 -3.74 0.00	24.67 -3.76 3.13	21.47 -3.38 3.54	20.42 -3.32 4.65	21.45 -3.37 3.75	21.29 -3.82 7.23	22.75 -3.69 7.09	28.86 -4.07 0.41	28.94 -3.73 0.02	29.01 -2.59 0.00	30.19 -2.45 0.00	32.15 -3.03 0.00	33.20 -3.81 0.00	37.14 -4.40 0.00	41.14 -4.83 0.00	42.97 -4.30 0.01	47.87 -5.39 0.16	52.42 -5.65 7.67	60.67 -5.60 4.65	61.60 -6.07 10.12	52.94 -5.71 6.26	46.32 -5.48 4.69	40.24 -5.33 2.90	35.41 -4.47 0.02
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	35.49 1.82 0.00	33.55 1.99 -0.01	30.21 1.82 0.00	30.12 1.73 0.00	30.23 1.66 0.00	33.57 1.23 0.00	34.90 1.37 0.00	35.00 1.67 0.00	34.55 1.86 0.00	33.47 1.86 0.00	34.73 2.09 0.00	37.32 2.15 0.00	39.49 2.48 0.00	44.29 2.74 0.00	49.09 3.13 0.00	50.74 3.45 0.00	57.28 3.85 0.00	69.22 3.48 0.00	74.05 3.12 0.00	80.66 2.88 0.00	66.92 2.01 0.00	58.63 2.15 0.00	50.84 2.37 0.00	42.01 2.11 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	35.99 2.32 0.00	34.06 2.49 -0.01	30.66 2.27 0.00	30.58 2.19 0.00	30.69 2.11 0.00	34.08 1.75 0.00	35.44 1.91 0.00	35.54 2.20 0.00	35.04 2.35 0.00	33.94 2.34 0.00	35.26 2.61 0.00	37.85 2.67 0.00	40.01 3.00 0.00	44.91 3.37 0.00	49.83 3.86 0.00	51.49 4.21 0.00	58.13 4.70 0.00	70.41 4.67 0.00	75.26 4.33 0.00	81.98 4.20 0.00	68.02 3.12 0.00	59.59 3.11 0.00	51.62 3.15 0.00	42.65 2.75 0.00
PATROON___115KV_TB1 80586	34.78 1.11 0.00	32.79 1.23 0.00	29.58 1.19 0.00	29.56 1.16 0.00	29.72 1.14 0.00	33.31 0.97 0.00	34.47 0.94 0.00	34.27 0.93 0.00	33.30 0.62 0.00	32.14 0.54 0.00	33.10 0.46 0.00	35.81 0.63 0.00	37.71 0.70 0.00	42.42 0.87 0.00	47.02 1.06 0.00	48.00 0.71 0.00	54.44 1.02 0.00	66.46 0.72 0.00	71.71 0.78 0.00	78.48 0.70 0.00	65.81 0.91 0.00	57.39 0.90 0.00	49.29 0.82 0.00	40.73 0.84 0.00
PATTRSNVILLE___SOLAR 323815	34.88 1.21 0.00	32.85 1.29 0.00	29.61 1.22 0.00	29.58 1.19 0.00	29.78 1.20 0.00	33.47 1.13 0.00	34.57 1.04 0.00	34.04 0.70 0.00	33.11 0.42 0.00	31.79 0.19 0.00	32.64 0.00 0.00	35.35 0.18 0.00	37.23 0.22 0.00	41.92 0.37 0.00	46.43 0.46 0.00	47.66 0.38 0.00	54.23 0.80 0.00	66.79 1.05 0.00	72.49 1.56 0.00	79.96 2.17 0.00	66.98 2.08 0.00	58.35 1.86 0.00	50.06 1.60 0.00	41.25 1.36 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	30.54 -3.13 0.00	26.06 -2.05 3.44	22.63 -1.87 3.89	21.44 -1.85 5.11	22.57 -1.89 4.13	21.76 -2.00 8.57	23.32 -1.81 8.40	30.74 -2.10 0.50	29.85 -2.81 0.02	29.04 -2.56 0.00	30.10 -2.55 0.00	32.72 -2.46 0.00	34.38 -2.63 0.00	38.93 -2.62 0.00	43.16 -2.80 0.00	44.82 -2.46 0.01	51.50 -1.87 0.06	61.68 -0.79 3.27	67.64 -0.64 2.65	71.41 -0.62 5.75	60.31 -1.04 3.56	52.34 -0.96 3.19	43.24 -1.79 3.44	37.92 -1.95 0.02

PAWLING_115_KV_BK3_REV_LBMP_H 345028	35.56 1.89 0.00	33.39 1.83 0.00	30.10 1.70 0.00	30.04 1.65 0.00	30.18 1.60 0.00	33.73 1.39 0.00	35.10 1.58 0.00	35.10 1.77 0.00	34.51 1.83 0.00	33.31 1.71 0.00	34.50 1.86 0.00	37.18 2.01 0.00	39.27 2.26 0.00	44.25 2.70 0.00	49.09 3.13 0.00	50.69 3.40 0.00	57.28 3.85 0.00	69.95 4.21 0.00	75.11 4.18 0.00	82.06 4.28 0.00	68.02 3.12 0.00	59.31 2.82 0.00	51.18 2.71 0.00	42.09 2.19 0.00
PEEKSKILL____ 23653	35.19 1.52 0.00	33.13 1.58 0.00	29.87 1.48 0.00	29.81 1.42 0.00	29.95 1.37 0.00	33.44 1.10 0.00	34.83 1.31 0.00	34.94 1.60 0.00	34.32 1.63 0.00	33.09 1.49 0.00	34.18 1.53 0.00	36.90 1.72 0.00	38.97 1.96 0.00	44.00 2.45 0.00	48.77 2.80 0.00	50.27 2.98 0.00	56.85 3.42 0.00	69.22 3.48 0.00	74.26 3.33 0.00	80.81 3.03 0.00	67.18 2.27 0.00	58.52 2.03 0.00	50.60 2.13 0.00	41.69 1.80 0.00
PGE MADISON__WINDPWR 24146	35.05 1.38 0.00	33.77 1.36 -0.86	30.56 1.19 -0.97	30.92 1.25 -1.28	30.87 1.26 -1.03	35.83 1.36 -2.13	36.99 1.37 -2.09	34.40 1.07 0.00	33.43 0.75 0.00	31.98 0.38 0.00	33.00 0.36 0.00	35.71 0.53 0.00	37.57 0.56 0.00	42.78 0.75 -0.49	47.35 0.97 -0.42	49.21 1.37 -0.55	56.23 2.14 -0.66	70.81 4.27 -0.80	78.58 5.75 -1.91	88.79 7.31 -3.69	72.93 6.10 -1.92	63.01 4.80 -1.72	53.10 3.34 -1.28	42.54 2.43 -0.21
PIERCEFIELD____HYD 23852	33.64 -0.03 0.00	31.33 -0.22 0.00	28.08 -0.31 0.00	28.14 -0.26 0.00	28.26 -0.31 0.00	32.24 -0.10 0.00	33.53 0.00 0.00	33.14 -0.20 0.00	32.52 -0.16 0.00	31.47 -0.13 0.00	32.55 -0.10 0.00	35.07 -0.11 0.00	37.05 0.04 0.00	41.42 -0.12 0.00	45.37 -0.60 0.00	46.39 -0.90 0.00	52.09 -1.34 0.00	64.16 -1.58 0.00	70.08 -0.85 0.00	77.40 -0.39 0.00	64.65 -0.26 0.00	56.15 -0.34 0.00	48.37 -0.10 0.00	39.93 0.04 0.00
PINELAWN_CC_I 323563	36.51 2.16 -0.69	34.10 2.02 -0.53	30.62 1.93 -0.30	30.21 1.82 0.00	30.29 1.71 0.00	33.89 1.55 0.00	35.54 2.01 0.00	35.63 2.30 0.00	34.78 2.09 0.00	33.31 1.71 0.00	34.73 2.09 0.00	37.25 2.07 0.00	39.68 2.67 0.00	44.99 3.45 0.00	49.74 3.77 0.00	51.36 4.07 -0.01	56.52 3.10 0.01	68.69 2.96 0.01	73.76 2.84 0.01	80.18 2.41 0.01	66.58 1.68 0.01	58.01 1.53 0.01	51.57 3.10 0.00	42.45 2.56 0.00
PJM_GEN_HTP_PROXY 323702	35.59 1.65 -0.27	33.02 1.73 0.27	30.01 1.62 0.00	29.95 1.56 0.00	30.09 1.51 0.00	33.51 1.23 0.05	35.09 1.51 -0.05	35.17 1.83 0.00	34.61 1.93 0.00	33.43 1.83 0.00	34.54 1.89 0.00	37.25 2.07 0.00	39.34 2.33 0.00	44.45 2.91 0.00	49.28 3.31 0.00	50.79 3.50 0.00	57.49 4.06 0.00	69.82 4.08 0.00	74.76 3.83 0.00	81.29 3.50 0.00	67.57 2.66 0.00	58.86 2.37 0.00	50.94 2.47 0.00	41.93 2.03 0.00
PJM_GEN_KEystone 24065	33.23 -0.71 -0.27	29.90 -0.51 1.15	26.87 -0.43 1.10	25.48 -0.43 2.49	25.50 -0.49 2.59	26.91 -0.78 4.65	30.60 -0.60 2.32	32.66 -0.53 0.14	32.12 -0.56 0.01	31.38 -0.22 0.00	32.51 -0.13 0.00	35.00 -0.18 0.00	36.68 -0.33 0.00	41.30 -0.25 0.00	45.78 -0.18 0.00	47.43 0.14 0.00	53.65 0.27 0.05	63.69 0.40 2.45	69.95 0.28 1.26	74.97 -0.08 2.73	62.89 -0.32 1.69	54.54 -0.45 1.49	47.06 -0.44 0.97	39.41 -0.48 0.01
PJM_GEN_NEPTUNE_PROXY 323594	35.66 1.72 -0.27	32.89 1.61 0.27	29.98 1.59 0.00	29.87 1.48 0.00	29.95 1.37 0.00	33.42 1.13 0.05	35.12 1.54 -0.05	35.20 1.87 0.00	34.35 1.67 0.00	32.96 1.36 0.00	34.31 1.66 0.00	36.87 1.69 0.00	39.19 2.18 0.00	44.41 2.86 0.00	49.18 3.22 0.00	50.70 3.41 -0.01	56.15 2.72 0.01	68.22 2.50 0.02	73.12 2.20 0.01	79.56 1.79 0.02	66.13 1.23 0.01	57.55 1.07 0.01	50.89 2.42 0.00	41.93 2.03 0.00
PJM_GEN_VFT_PROXY 323633	35.42 1.48 -0.27	32.89 1.61 0.27	29.90 1.50 0.00	29.84 1.45 0.00	29.98 1.40 0.00	33.38 1.10 0.05	34.99 1.41 -0.05	35.10 1.77 0.00	34.55 1.86 0.00	33.37 1.77 0.00	34.47 1.83 0.00	37.15 1.97 0.00	39.23 2.22 0.00	44.33 2.78 0.00	49.14 3.17 0.00	50.69 3.41 0.00	57.33 3.90 0.00	69.55 3.81 0.00	74.47 3.54 0.00	80.97 3.19 0.00	67.24 2.33 0.00	58.63 2.15 0.00	50.75 2.28 0.00	41.73 1.84 0.00
PLATSBURG_115KV_PMLD1 355749	33.97 0.30 0.00	31.68 0.13 0.00	28.42 0.03 0.00	28.45 0.06 0.00	28.63 0.06 0.00	32.63 0.29 0.00	33.93 0.40 0.00	33.67 0.33 0.00	33.08 0.39 0.00	32.01 0.41 0.00	33.10 0.46 0.00	35.67 0.49 0.00	37.64 0.63 0.00	42.13 0.58 0.00	46.52 0.55 0.00	47.81 0.52 0.00	53.96 0.53 0.00	66.40 0.66 0.00	71.92 0.99 0.00	79.11 1.32 0.00	65.88 0.97 0.00	57.33 0.85 0.00	49.19 0.73 0.00	40.49 0.60 0.00
PLEASANTVLY____LBMP 24000	35.08 1.41 0.00	33.01 1.45 0.00	29.78 1.39 0.00	29.75 1.36 0.00	29.86 1.29 0.00	33.37 1.03 0.00	34.70 1.17 0.00	34.74 1.40 0.00	34.12 1.44 0.00	32.99 1.39 0.00	34.18 1.53 0.00	36.80 1.62 0.00	38.86 1.85 0.00	43.66 2.12 0.00	48.36 2.39 0.00	49.84 2.55 0.00	56.21 2.78 0.00	68.50 2.76 0.00	73.48 2.55 0.00	80.20 2.41 0.00	66.72 1.82 0.00	58.18 1.69 0.00	50.36 1.89 0.00	41.45 1.56 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	35.32 1.65 0.00	33.23 1.67 0.00	29.95 1.56 0.00	29.92 1.53 0.00	30.03 1.46 0.00	33.57 1.23 0.00	34.93 1.41 0.00	35.00 1.67 0.00	34.42 1.73 0.00	33.28 1.67 0.00	34.47 1.83 0.00	37.11 1.93 0.00	39.23 2.22 0.00	44.12 2.58 0.00	48.86 2.90 0.00	50.45 3.17 0.00	56.85 3.42 0.00	69.22 3.48 0.00	74.26 3.33 0.00	81.05 3.27 0.00	67.31 2.40 0.00	58.69 2.20 0.00	50.79 2.33 0.00	41.77 1.88 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	35.32 1.65 0.00	33.23 1.67 0.00	29.95 1.56 0.00	29.92 1.53 0.00	30.03 1.46 0.00	33.57 1.23 0.00	34.93 1.41 0.00	35.00 1.67 0.00	34.42 1.73 0.00	33.28 1.67 0.00	34.47 1.83 0.00	37.11 1.93 0.00	39.23 2.22 0.00	44.12 2.58 0.00	48.86 2.90 0.00	50.45 3.17 0.00	56.85 3.42 0.00	69.22 3.48 0.00	74.26 3.33 0.00	81.05 3.27 0.00	67.31 2.40 0.00	58.69 2.20 0.00	50.79 2.33 0.00	41.77 1.88 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	35.32 1.65 0.00	33.23 1.67 0.00	29.95 1.56 0.00	29.92 1.53 0.00	30.03 1.46 0.00	33.57 1.23 0.00	34.90 1.37 0.00	34.87 1.53 0.00	34.25 1.57 0.00	33.05 1.45 0.00	34.21 1.57 0.00	36.87 1.69 0.00	38.90 1.89 0.00	43.79 2.24 0.00	48.63 2.67 0.00	50.17 2.88 0.00	56.69 3.26 0.00	69.22 3.48 0.00	74.33 3.40 0.00	81.28 3.50 0.00	67.63 2.73 0.00	58.92 2.43 0.00	50.79 2.33 0.00	41.81 1.91 0.00
POLETTI____ 23519	35.39 1.72 0.00	33.29 1.74 0.00	30.04 1.65 0.00	29.98 1.59 0.00	30.09 1.51 0.00	33.57 1.23 0.00	35.04 1.51 0.00	35.14 1.80 0.00	34.61 1.93 0.00	33.50 1.90 0.00	34.77 2.12 0.00	37.36 2.18 0.00	39.53 2.52 0.00	44.37 2.83 0.00	49.18 3.22 0.00	50.83 3.55 0.00	57.28 3.85 0.00	69.62 3.88 0.00	74.48 3.55 0.00	81.21 3.42 0.00	67.37 2.47 0.00	58.86 2.37 0.00	50.99 2.52 0.00	41.93 2.03 0.00

POMONA___ESR 323819	35.15 1.48 0.00	33.07 1.51 0.00	29.81 1.42 0.00	29.78 1.39 0.00	29.89 1.32 0.00	33.40 1.07 0.00	34.77 1.24 0.00	34.87 1.53 0.00	34.25 1.57 0.00	33.02 1.42 0.00	34.15 1.50 0.00	36.87 1.69 0.00	38.90 1.89 0.00	43.91 2.37 0.00	48.68 2.71 0.00	50.17 2.88 0.00	56.74 3.31 0.00	69.15 3.42 0.00	74.19 3.26 0.00	80.74 2.96 0.00	67.18 2.27 0.00	58.41 1.92 0.00	50.50 2.04 0.00	41.61 1.71 0.00
PORT_JEFF_3 23555	46.35 2.29 -10.39	41.67 2.15 -7.97	34.93 2.07 -4.47	30.32 1.93 0.00	30.38 1.80 0.00	33.99 1.65 0.00	35.67 2.15 0.00	35.80 2.47 0.00	34.78 2.09 0.00	33.27 1.67 0.00	34.73 2.09 0.00	37.15 1.97 0.00	39.79 2.78 0.00	45.07 3.53 0.00	49.74 3.77 0.00	51.36 4.07 -0.01	56.20 2.78 0.01	68.16 2.43 0.02	73.19 2.27 0.01	79.56 1.79 0.02	66.00 1.10 0.01	57.55 1.07 0.01	51.67 3.20 0.00	42.57 2.67 0.00
PORT_JEFF_4 23616	46.35 2.29 -10.39	41.67 2.15 -7.97	34.93 2.07 -4.47	30.32 1.93 0.00	30.38 1.80 0.00	33.99 1.65 0.00	35.67 2.15 0.00	35.80 2.47 0.00	34.78 2.09 0.00	33.27 1.67 0.00	34.73 2.09 0.00	37.15 1.97 0.00	39.79 2.78 0.00	45.07 3.53 0.00	49.74 3.77 0.00	51.36 4.07 -0.01	56.20 2.78 0.01	68.16 2.43 0.02	73.19 2.27 0.01	79.56 1.79 0.02	66.00 1.10 0.01	57.55 1.07 0.01	51.67 3.20 0.00	42.57 2.67 0.00
PORT_JEFF_IC 23713	48.09 2.42 -12.00	42.94 2.18 -9.21	35.68 2.13 -5.16	30.35 1.96 0.00	30.43 1.86 0.00	34.05 1.71 0.00	35.74 2.21 0.00	35.80 2.47 0.00	34.71 2.03 0.00	33.31 1.71 0.00	34.86 2.22 0.00	37.57 2.39 0.00	40.23 3.22 0.00	44.95 3.41 0.00	49.78 3.82 0.00	51.92 4.63 0.00	56.20 2.78 0.01	68.09 2.37 0.02	73.12 2.20 0.01	79.64 1.87 0.02	66.13 1.23 0.01	57.67 1.19 0.01	52.20 3.73 0.00	42.73 2.83 0.00
PPL PILGRIM_ST_GT1 24216	38.01 2.32 -2.02	35.28 2.18 -1.55	31.36 2.10 -0.87	30.35 1.96 0.00	30.43 1.86 0.00	34.05 1.71 0.00	35.74 2.21 0.00	35.84 2.50 0.00	34.94 2.25 0.00	33.43 1.83 0.00	34.89 2.25 0.00	37.40 2.22 0.00	39.86 2.85 0.00	45.20 3.66 0.00	50.01 4.05 0.00	51.60 4.30 -0.01	56.57 3.15 0.01	68.48 2.76 0.01	73.47 2.55 0.01	79.94 2.17 0.01	66.32 1.43 0.01	58.01 1.53 0.01	51.81 3.34 0.00	42.69 2.79 0.00
PPL PILGRIM_ST_GT2 24217	38.01 2.32 -2.02	35.28 2.18 -1.55	31.36 2.10 -0.87	30.35 1.96 0.00	30.43 1.86 0.00	34.05 1.71 0.00	35.74 2.21 0.00	35.84 2.50 0.00	34.94 2.25 0.00	33.43 1.83 0.00	34.89 2.25 0.00	37.40 2.22 0.00	39.86 2.85 0.00	45.20 3.66 0.00	50.01 4.05 0.00	51.60 4.30 -0.01	56.57 3.15 0.01	68.48 2.76 0.01	73.47 2.55 0.01	79.94 2.17 0.01	66.32 1.43 0.01	58.01 1.53 0.01	51.81 3.34 0.00	42.69 2.79 0.00
PPL_SHRM_GT3 24213	46.74 2.46 -10.61	41.97 2.27 -8.14	35.17 2.22 -4.57	30.44 2.05 0.00	30.46 1.89 0.00	34.11 1.78 0.00	35.77 2.25 0.00	35.90 2.57 0.00	34.97 2.29 0.00	33.43 1.83 0.00	34.89 2.25 0.00	37.18 2.00 0.00	39.75 2.74 0.00	44.87 3.32 0.00	49.28 3.31 0.00	51.08 3.78 -0.01	55.77 2.35 0.01	67.37 1.64 0.02	72.41 1.49 0.01	78.71 0.94 0.02	65.22 0.33 0.01	57.04 0.56 0.01	51.86 3.39 0.00	42.69 2.79 0.00
PPL_SHRM_GT4 24214	46.74 2.46 -10.61	41.97 2.27 -8.14	35.17 2.22 -4.57	30.44 2.05 0.00	30.46 1.89 0.00	34.11 1.78 0.00	35.77 2.25 0.00	35.90 2.57 0.00	34.97 2.29 0.00	33.43 1.83 0.00	34.89 2.25 0.00	37.18 2.00 0.00	39.75 2.74 0.00	44.87 3.32 0.00	49.28 3.31 0.00	51.08 3.78 -0.01	55.77 2.35 0.01	67.37 1.64 0.02	72.41 1.49 0.01	78.71 0.94 0.02	65.22 0.33 0.01	57.04 0.56 0.01	51.86 3.39 0.00	42.69 2.79 0.00
PROJECT___ORANGE 1 24174	33.20 -0.47 0.00	31.08 -0.47 0.00	27.94 -0.45 0.00	27.97 -0.43 0.00	28.15 -0.43 0.00	31.79 -0.55 0.00	32.99 -0.54 0.00	32.80 -0.53 0.00	32.19 -0.49 0.00	31.13 -0.47 0.00	32.19 -0.46 0.00	34.62 -0.56 0.00	36.38 -0.63 0.00	41.15 -0.71 -0.31	45.55 -0.69 -0.27	47.10 -0.52 -0.33	53.24 -0.59 -0.40	66.03 -0.13 -0.42	71.23 -0.07 -0.37	78.32 0.00 -0.53	64.82 -0.19 -0.11	56.30 -0.28 -0.10	48.14 -0.58 -0.26	39.46 -0.56 -0.12
PROJECT___ORANGE 2 24166	33.20 -0.47 0.00	31.08 -0.47 0.00	27.94 -0.45 0.00	27.97 -0.43 0.00	28.15 -0.43 0.00	31.79 -0.55 0.00	32.99 -0.54 0.00	32.80 -0.53 0.00	32.19 -0.49 0.00	31.13 -0.47 0.00	32.19 -0.46 0.00	34.62 -0.56 0.00	36.38 -0.63 0.00	41.15 -0.71 -0.31	45.55 -0.69 -0.27	47.10 -0.52 -0.33	53.24 -0.59 -0.40	66.03 -0.13 -0.42	71.23 -0.07 -0.37	78.32 0.00 -0.53	64.82 -0.19 -0.11	56.30 -0.28 -0.10	48.14 -0.58 -0.26	39.46 -0.56 -0.12
PUCKETT___SOLAR 323809	33.97 0.30 0.00	32.62 0.44 -0.62	29.46 0.37 -0.70	29.71 0.40 -0.92	29.72 0.40 -0.74	34.19 0.36 -1.50	35.33 0.34 -1.47	33.54 0.20 0.00	32.65 -0.03 0.00	31.54 -0.06 0.00	32.55 -0.10 0.00	35.04 -0.14 0.00	36.83 -0.18 0.00	41.87 -0.17 -0.49	46.30 -0.09 -0.42	48.02 0.19 -0.55	54.70 0.59 -0.68	69.64 1.38 -2.52	74.44 1.98 -1.53	83.14 2.49 -2.87	68.40 2.08 -1.42	59.40 1.64 -1.28	50.55 1.06 -1.02	40.82 0.72 -0.21
PYRITES___HYD 24023	34.04 0.37 0.00	31.74 0.19 0.00	28.45 0.06 0.00	28.51 0.11 0.00	28.66 0.09 0.00	32.76 0.42 0.00	34.03 0.50 0.00	33.54 0.20 0.00	32.81 0.13 0.00	31.70 0.09 0.00	32.74 0.10 0.00	35.32 0.14 0.00	37.27 0.26 0.00	41.71 0.17 0.00	45.78 -0.18 0.00	46.91 -0.38 0.00	52.74 -0.69 0.00	65.21 -0.53 0.00	71.21 0.28 0.00	79.03 1.24 0.00	66.14 1.23 0.00	57.39 0.90 0.00	49.34 0.87 0.00	40.65 0.76 0.00
QUAKERRD_115KV_BK1 80622	31.55 -2.12 0.00	28.49 -2.37 0.70	25.45 -2.16 0.79	25.26 -2.10 1.03	25.63 -2.11 0.83	28.27 -2.39 1.67	29.54 -2.35 1.64	30.94 -2.40 0.00	30.72 -1.96 0.00	29.83 -1.77 0.00	30.85 -1.80 0.00	33.24 -1.93 0.00	34.90 -2.11 0.00	39.22 -2.33 0.00	43.44 -2.53 0.00	45.06 -2.22 0.00	50.54 -2.89 0.00	63.16 -2.50 0.08	67.57 -2.34 1.02	73.09 -2.49 2.21	60.88 -2.66 1.37	52.54 -2.71 1.23	44.84 -2.96 0.67	37.38 -2.51 0.00
QUENSBRY_115KV_TB8 356137	36.06 2.39 0.00	33.92 2.37 0.00	30.63 2.24 0.00	30.61 2.21 0.00	30.81 2.23 0.00	34.57 2.23 0.00	35.77 2.25 0.00	35.30 1.97 0.00	34.28 1.60 0.00	32.96 1.36 0.00	33.07 0.42 0.00	36.06 0.88 0.00	37.94 0.93 0.00	42.79 1.25 0.00	47.30 1.33 0.00	48.42 1.13 0.00	54.93 1.50 0.00	67.58 1.84 0.00	73.27 2.34 0.00	80.43 2.64 0.00	67.50 2.60 0.00	58.75 2.26 0.00	50.45 1.99 0.00	41.57 1.68 0.00
RAMAPO___LBMP 323565	35.08 1.41 0.00	32.98 1.42 0.00	29.73 1.33 0.00	29.70 1.31 0.00	29.81 1.23 0.00	33.31 0.97 0.00	34.67 1.14 0.00	34.74 1.40 0.00	34.19 1.50 0.00	33.02 1.42 0.00	34.24 1.60 0.00	36.90 1.72 0.00	38.97 1.96 0.00	43.79 2.24 0.00	48.49 2.53 0.00	50.08 2.79 0.00	56.42 2.99 0.00	68.70 2.96 0.00	73.70 2.77 0.00	80.43 2.64 0.00	66.85 1.95 0.00	58.24 1.75 0.00	50.36 1.89 0.00	41.49 1.60 0.00

RANKINE____ 23646	30.44 -3.23 0.00	24.82 -2.81 3.93	21.40 -2.56 4.44	20.06 -2.50 5.83	21.32 -2.54 4.71	20.26 -2.78 9.29	21.80 -2.62 9.11	29.83 -2.97 0.54	29.69 -2.97 0.02	28.91 -2.69 0.00	29.93 -2.71 0.00	32.50 -2.67 0.00	34.16 -2.85 0.00	38.64 -2.91 0.00	42.79 -3.17 0.00	44.49 -2.79 0.01	50.41 -2.89 0.14	57.34 -2.04 6.36	64.75 -1.84 4.33	66.46 -1.94 9.38	56.69 -2.40 5.81	48.98 -2.32 5.19	41.78 -2.96 3.73	37.12 -2.75 0.03
RAVENSWOOD_GT2_1 24244	35.39 1.72 0.00	33.29 1.74 0.00	30.04 1.65 0.00	29.98 1.59 0.00	30.09 1.51 0.00	33.57 1.23 0.00	35.04 1.51 0.00	35.14 1.80 0.00	34.61 1.93 0.00	33.50 1.90 0.00	34.77 2.12 0.00	37.36 2.18 0.00	39.53 2.52 0.00	44.37 2.83 0.00	49.18 3.22 0.00	50.83 3.55 0.00	57.28 3.85 0.00	69.62 3.88 0.00	74.48 3.55 0.00	81.21 3.42 0.00	67.37 2.47 0.00	58.86 2.37 0.00	50.99 2.52 0.00	41.93 2.03 0.00
RAVENSWOOD_GT2_2 24245	35.39 1.72 0.00	33.29 1.74 0.00	30.04 1.65 0.00	29.98 1.59 0.00	30.09 1.51 0.00	33.57 1.23 0.00	35.04 1.51 0.00	35.14 1.80 0.00	34.61 1.93 0.00	33.50 1.90 0.00	34.77 2.12 0.00	37.36 2.18 0.00	39.53 2.52 0.00	44.37 2.83 0.00	49.18 3.22 0.00	50.83 3.55 0.00	57.28 3.85 0.00	69.62 3.88 0.00	74.48 3.55 0.00	81.21 3.42 0.00	67.37 2.47 0.00	58.86 2.37 0.00	50.99 2.52 0.00	41.93 2.03 0.00
RAVENSWOOD_GT2_3 24246	35.39 1.72 0.00	33.32 1.77 0.00	30.04 1.65 0.00	29.98 1.59 0.00	30.12 1.54 0.00	33.60 1.26 0.00	35.04 1.51 0.00	35.14 1.80 0.00	34.64 1.96 0.00	33.53 1.93 0.00	34.77 2.12 0.00	37.39 2.22 0.00	39.53 2.52 0.00	44.41 2.87 0.00	49.23 3.26 0.00	50.83 3.55 0.00	57.33 3.90 0.00	69.62 3.88 0.00	74.55 3.62 0.00	81.21 3.42 0.00	67.44 2.53 0.00	58.86 2.37 0.00	50.99 2.52 0.00	41.93 2.03 0.00
RAVENSWOOD_GT2_4 24247	35.39 1.72 0.00	33.32 1.77 0.00	30.04 1.65 0.00	29.98 1.59 0.00	30.12 1.54 0.00	33.60 1.26 0.00	35.04 1.51 0.00	35.14 1.80 0.00	34.64 1.96 0.00	33.53 1.93 0.00	34.77 2.12 0.00	37.39 2.22 0.00	39.53 2.52 0.00	44.41 2.87 0.00	49.23 3.26 0.00	50.83 3.55 0.00	57.33 3.90 0.00	69.62 3.88 0.00	74.55 3.62 0.00	81.21 3.42 0.00	67.44 2.53 0.00	58.86 2.37 0.00	50.99 2.52 0.00	41.93 2.03 0.00
RAVENSWOOD_GT3_1 24248	35.39 1.72 0.00	33.32 1.77 0.00	30.04 1.65 0.00	29.98 1.59 0.00	30.09 1.51 0.00	33.57 1.23 0.00	35.04 1.51 0.00	35.14 1.80 0.00	34.61 1.93 0.00	33.53 1.93 0.00	34.77 2.12 0.00	37.39 2.22 0.00	39.53 2.52 0.00	44.41 2.87 0.00	49.18 3.22 0.00	50.83 3.55 0.00	57.33 3.90 0.00	69.62 3.88 0.00	74.48 3.55 0.00	81.21 3.42 0.00	67.37 2.47 0.00	58.86 2.37 0.00	50.99 2.52 0.00	41.93 2.03 0.00
RAVENSWOOD_GT3_2 24249	35.39 1.72 0.00	33.32 1.77 0.00	30.04 1.65 0.00	29.98 1.59 0.00	30.09 1.51 0.00	33.57 1.23 0.00	35.04 1.51 0.00	35.14 1.80 0.00	34.61 1.93 0.00	33.53 1.93 0.00	34.77 2.12 0.00	37.39 2.22 0.00	39.53 2.52 0.00	44.41 2.87 0.00	49.18 3.22 0.00	50.83 3.55 0.00	57.33 3.90 0.00	69.62 3.88 0.00	74.48 3.55 0.00	81.21 3.42 0.00	67.37 2.47 0.00	58.86 2.37 0.00	50.99 2.52 0.00	41.93 2.03 0.00
RAVENSWOOD_GT3_3 24250	35.42 1.75 0.00	33.35 1.80 0.00	30.07 1.68 0.00	30.01 1.62 0.00	30.12 1.54 0.00	33.60 1.26 0.00	35.07 1.54 0.00	35.17 1.83 0.00	34.68 1.99 0.00	33.56 1.96 0.00	34.83 2.19 0.00	37.43 2.25 0.00	39.56 2.55 0.00	44.45 2.91 0.00	49.28 3.31 0.00	50.93 3.64 0.00	57.38 3.95 0.00	69.75 4.01 0.00	74.62 3.69 0.00	81.36 3.58 0.00	67.50 2.60 0.00	58.92 2.43 0.00	51.04 2.57 0.00	41.97 2.07 0.00
RAVENSWOOD_GT3_4 24251	35.42 1.75 0.00	33.35 1.80 0.00	30.07 1.68 0.00	30.01 1.62 0.00	30.12 1.54 0.00	33.60 1.26 0.00	35.07 1.54 0.00	35.17 1.83 0.00	34.68 1.99 0.00	33.56 1.96 0.00	34.83 2.19 0.00	37.43 2.25 0.00	39.56 2.55 0.00	44.45 2.91 0.00	49.28 3.31 0.00	50.93 3.64 0.00	57.38 3.95 0.00	69.75 4.01 0.00	74.62 3.69 0.00	81.36 3.58 0.00	67.50 2.60 0.00	58.92 2.43 0.00	51.04 2.57 0.00	41.97 2.07 0.00
RAVENSWOOD_GT_1 23729	35.52 1.85 0.00	33.46 1.89 -0.01	30.15 1.76 0.00	30.10 1.70 0.00	30.21 1.63 0.00	33.63 1.29 0.00	35.07 1.54 0.00	35.17 1.83 0.00	34.71 2.03 0.00	33.62 2.02 0.00	34.90 2.25 0.00	37.50 2.32 0.00	39.68 2.66 0.00	44.54 2.99 0.00	49.37 3.40 0.00	51.02 3.74 0.00	57.54 4.11 0.00	69.62 3.88 0.00	74.48 3.55 0.00	81.13 3.34 0.00	67.24 2.34 0.00	58.97 2.49 0.00	51.08 2.62 0.00	42.05 2.15 0.00
RAVENSWOOD_GT_10 24258	35.39 1.72 0.00	33.29 1.74 0.00	30.04 1.65 0.00	29.98 1.59 0.00	30.09 1.51 0.00	33.57 1.23 0.00	35.04 1.51 0.00	35.14 1.80 0.00	34.61 1.93 0.00	33.50 1.90 0.00	34.77 2.12 0.00	37.39 2.22 0.00	39.53 2.52 0.00	44.37 2.83 0.00	49.18 3.22 0.00	50.83 3.55 0.00	57.28 3.85 0.00	69.62 3.88 0.00	74.48 3.55 0.00	81.21 3.42 0.00	67.37 2.47 0.00	58.86 2.37 0.00	50.99 2.52 0.00	41.93 2.03 0.00
RAVENSWOOD_GT_11 24259	35.39 1.72 0.00	33.29 1.74 0.00	30.04 1.65 0.00	29.98 1.59 0.00	30.09 1.51 0.00	33.57 1.23 0.00	35.04 1.51 0.00	35.14 1.80 0.00	34.61 1.93 0.00	33.50 1.90 0.00	34.77 2.12 0.00	37.39 2.22 0.00	39.53 2.52 0.00	44.37 2.83 0.00	49.18 3.22 0.00	50.83 3.55 0.00	57.28 3.85 0.00	69.62 3.88 0.00	74.48 3.55 0.00	81.21 3.42 0.00	67.37 2.47 0.00	58.86 2.37 0.00	50.99 2.52 0.00	41.93 2.03 0.00
RAVENSWOOD_GT_4 24252	35.42 1.75 0.00	33.36 1.80 -0.01	30.07 1.68 0.00	30.01 1.62 0.00	30.12 1.54 0.00	33.57 1.23 0.00	35.04 1.51 0.00	35.14 1.80 0.00	34.64 1.96 0.00	33.53 1.93 0.00	34.80 2.15 0.00	37.39 2.22 0.00	39.56 2.55 0.00	44.41 2.87 0.00	49.23 3.26 0.00	50.88 3.59 0.00	57.38 3.95 0.00	69.55 3.81 0.00	74.48 3.55 0.00	81.13 3.34 0.00	67.31 2.40 0.00	58.86 2.37 0.00	50.99 2.52 0.00	41.93 2.03 0.00
RAVENSWOOD_GT_5 24254	35.42 1.75 0.00	33.36 1.80 -0.01	30.07 1.68 0.00	30.01 1.62 0.00	30.12 1.54 0.00	33.57 1.23 0.00	35.04 1.51 0.00	35.14 1.80 0.00	34.64 1.96 0.00	33.53 1.93 0.00	34.80 2.15 0.00	37.39 2.22 0.00	39.56 2.55 0.00	44.41 2.87 0.00	49.23 3.26 0.00	50.88 3.59 0.00	57.38 3.95 0.00	69.55 3.81 0.00	74.48 3.55 0.00	81.13 3.34 0.00	67.31 2.40 0.00	58.86 2.37 0.00	50.99 2.52 0.00	41.93 2.03 0.00
RAVENSWOOD_GT_6 24253	35.42 1.75 0.00	33.36 1.80 -0.01	30.07 1.68 0.00	30.01 1.62 0.00	30.12 1.54 0.00	33.57 1.23 0.00	35.04 1.51 0.00	35.14 1.80 0.00	34.64 1.96 0.00	33.53 1.93 0.00	34.80 2.15 0.00	37.39 2.22 0.00	39.56 2.55 0.00	44.41 2.87 0.00	49.23 3.26 0.00	50.88 3.59 0.00	57.38 3.95 0.00	69.55 3.81 0.00	74.48 3.55 0.00	81.13 3.34 0.00	67.31 2.40 0.00	58.86 2.37 0.00	50.99 2.52 0.00	41.93 2.03 0.00

RAVENSWOOD_GT_7 24255	35.42 1.75 0.00	33.36 1.80 -0.01	30.07 1.68 0.00	30.01 1.62 0.00	30.12 1.54 0.00	33.57 1.23 0.00	35.04 1.51 0.00	35.14 1.80 0.00	34.64 1.96 0.00	33.53 1.93 0.00	34.80 2.15 0.00	37.39 2.22 0.00	39.56 2.55 0.00	44.41 2.87 0.00	49.23 3.26 0.00	50.88 3.59 0.00	57.38 3.95 0.00	69.55 3.81 0.00	74.48 3.55 0.00	81.13 3.34 0.00	67.31 2.40 0.00	58.86 2.37 0.00	50.99 2.52 0.00	41.93 2.03 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	35.39 1.72 0.00	33.29 1.74 0.00	30.04 1.65 0.00	29.98 1.59 0.00	30.09 1.51 0.00	33.57 1.23 0.00	35.04 1.51 0.00	35.14 1.80 0.00	34.61 1.93 0.00	33.50 1.90 0.00	34.77 2.12 0.00	37.39 2.22 0.00	39.53 2.52 0.00	44.37 2.83 0.00	49.18 3.22 0.00	50.83 3.55 0.00	57.28 3.85 0.00	69.62 3.88 0.00	74.48 3.55 0.00	81.21 3.42 0.00	67.37 2.47 0.00	58.86 2.37 0.00	50.99 2.52 0.00	41.93 2.03 0.00
RAVENSWOOD_GT_9 24257	35.39 1.72 0.00	33.29 1.74 0.00	30.04 1.65 0.00	29.98 1.59 0.00	30.09 1.51 0.00	33.57 1.23 0.00	35.04 1.51 0.00	35.14 1.80 0.00	34.61 1.93 0.00	33.50 1.90 0.00	34.77 2.12 0.00	37.39 2.22 0.00	39.53 2.52 0.00	44.37 2.83 0.00	49.18 3.22 0.00	50.83 3.55 0.00	57.28 3.85 0.00	69.62 3.88 0.00	74.48 3.55 0.00	81.21 3.42 0.00	67.37 2.47 0.00	58.86 2.37 0.00	50.99 2.52 0.00	41.93 2.03 0.00
RAVENSWOOD____1 23533	35.45 1.78 0.00	33.46 1.89 -0.01	30.15 1.76 0.00	30.07 1.67 0.00	30.20 1.63 0.00	33.63 1.29 0.00	35.04 1.51 0.00	35.20 1.87 0.00	34.68 1.99 0.00	33.53 1.93 0.00	34.64 1.99 0.00	37.36 2.18 0.00	39.45 2.44 0.00	44.54 2.99 0.00	49.37 3.40 0.00	50.93 3.64 0.00	57.71 4.28 0.00	69.75 4.01 0.00	74.69 3.76 0.00	81.20 3.42 0.00	67.37 2.47 0.00	58.86 2.37 0.00	50.99 2.52 0.00	42.05 2.15 0.00
RAVENSWOOD____2 23534	35.42 1.75 0.00	33.42 1.86 -0.01	30.12 1.73 0.00	30.07 1.67 0.00	30.18 1.60 0.00	33.60 1.26 0.00	35.04 1.51 0.00	35.20 1.87 0.00	34.68 1.99 0.00	33.50 1.90 0.00	34.64 1.99 0.00	37.32 2.15 0.00	39.45 2.44 0.00	44.54 2.99 0.00	49.37 3.40 0.00	50.93 3.64 0.00	57.65 4.22 0.00	69.68 3.94 0.00	74.69 3.76 0.00	81.13 3.34 0.00	67.37 2.47 0.00	58.86 2.37 0.00	50.99 2.52 0.00	42.01 2.11 0.00
RAVENSWOOD____3 23535	35.35 1.68 0.00	33.29 1.73 0.00	30.04 1.65 0.00	29.98 1.59 0.00	30.09 1.51 0.00	33.57 1.23 0.00	35.04 1.51 0.00	35.17 1.83 0.00	34.61 1.93 0.00	33.43 1.83 0.00	34.54 1.89 0.00	37.25 2.07 0.00	39.34 2.33 0.00	44.45 2.91 0.00	49.28 3.31 0.00	50.79 3.50 0.00	57.49 4.06 0.00	69.75 4.01 0.00	74.76 3.83 0.00	81.29 3.50 0.00	67.50 2.60 0.00	58.86 2.37 0.00	50.94 2.47 0.00	41.93 2.03 0.00
RAVENSWOOD____4 23820	35.42 1.75 0.00	33.42 1.86 -0.01	30.12 1.73 0.00	30.07 1.67 0.00	30.18 1.60 0.00	33.60 1.26 0.00	35.04 1.51 0.00	35.20 1.87 0.00	34.68 1.99 0.00	33.50 1.90 0.00	34.60 1.96 0.00	37.32 2.15 0.00	39.42 2.40 0.00	44.54 2.99 0.00	49.37 3.40 0.00	50.88 3.59 0.00	57.65 4.22 0.00	69.68 3.94 0.00	74.69 3.76 0.00	81.13 3.34 0.00	67.37 2.47 0.00	58.86 2.37 0.00	50.99 2.52 0.00	42.01 2.11 0.00
RCPL_TRUST____DRP 24196	35.42 1.75 0.00	33.32 1.77 0.00	30.04 1.65 0.00	30.01 1.62 0.00	30.12 1.54 0.00	33.60 1.26 0.00	35.10 1.58 0.00	35.20 1.87 0.00	34.71 2.03 0.00	33.59 1.99 0.00	34.83 2.19 0.00	37.46 2.29 0.00	39.60 2.59 0.00	44.49 2.95 0.00	49.32 3.36 0.00	50.97 3.69 0.00	57.49 4.06 0.00	69.81 4.08 0.00	74.76 3.83 0.00	81.44 3.66 0.00	67.57 2.66 0.00	58.97 2.49 0.00	51.04 2.57 0.00	41.97 2.07 0.00
RED____ROCHESTER 323720	32.22 -1.45 0.00	29.04 -1.83 0.68	25.92 -1.70 0.77	25.76 -1.62 1.01	26.16 -1.60 0.82	28.86 -1.81 1.67	30.21 -1.68 1.64	31.50 -1.83 0.00	31.44 -1.24 0.00	31.06 -0.54 0.00	32.29 -0.36 0.00	34.55 -0.63 0.00	35.97 -1.04 0.00	40.26 -1.29 0.00	44.63 -1.33 0.00	46.53 -0.76 0.00	52.11 -1.28 0.04	63.02 -0.72 1.99	69.71 -0.21 1.01	75.52 -0.08 2.19	62.84 -0.71 1.35	54.03 -1.24 1.22	46.10 -1.70 0.67	38.29 -1.60 0.00
REGAN____SOLAR 323812	35.62 1.95 0.00	33.54 1.99 0.00	30.27 1.87 0.00	30.24 1.84 0.00	30.46 1.89 0.00	34.24 1.91 0.00	35.14 1.61 0.00	34.17 0.83 0.00	32.94 0.26 0.00	31.35 -0.25 0.00	32.09 -0.56 0.00	34.90 -0.28 0.00	36.71 -0.30 0.00	41.38 -0.17 0.00	45.97 0.00 0.00	47.29 0.00 0.00	54.02 0.59 0.00	66.98 1.25 0.00	73.69 2.76 0.00	82.29 4.51 0.00	69.26 4.35 0.00	60.21 3.73 0.00	51.52 3.06 0.00	42.33 2.43 0.00
RENSSELAER____COGEN 23796	34.61 0.94 0.00	32.60 1.04 0.00	29.41 1.02 0.00	29.38 0.99 0.00	29.55 0.97 0.00	33.11 0.77 0.00	34.26 0.74 0.00	34.07 0.73 0.00	33.11 0.42 0.00	31.79 0.19 0.00	32.77 0.13 0.00	35.49 0.32 0.00	37.42 0.41 0.00	42.17 0.62 0.00	46.66 0.69 0.00	47.57 0.29 0.00	54.02 0.59 0.00	66.07 0.33 0.00	71.07 0.14 0.00	77.86 0.08 0.00	65.23 0.33 0.00	56.89 0.40 0.00	48.95 0.48 0.00	40.45 0.56 0.00
REPUBLIC_115KV_BARTNBRK 55605	37.37 3.70 0.00	35.18 3.63 0.00	31.80 3.41 0.00	31.77 3.38 0.00	32.03 3.46 0.00	35.89 3.56 0.00	37.05 3.52 0.00	36.37 3.03 0.00	35.13 2.45 0.00	33.69 2.09 0.00	33.69 1.04 0.00	37.04 1.86 0.00	38.94 1.92 0.00	43.95 2.41 0.00	48.86 2.90 0.00	49.79 2.51 0.00	56.85 3.42 0.00	70.21 4.47 0.00	76.75 5.82 0.00	84.86 7.08 0.00	71.33 6.43 0.00	62.02 5.54 0.00	52.97 4.51 0.00	43.60 3.71 0.00
REVERE_CPPR_DRP 24186	34.44 0.77 0.00	32.31 0.76 0.00	29.04 0.65 0.00	29.07 0.68 0.00	29.23 0.66 0.00	33.08 0.74 0.00	34.30 0.77 0.00	33.90 0.57 0.00	33.14 0.46 0.00	31.92 0.32 0.00	32.94 0.29 0.00	35.60 0.42 0.00	37.46 0.44 0.00	42.09 0.54 0.00	46.56 0.60 0.00	48.00 0.71 0.00	54.44 1.02 0.00	67.84 2.10 0.00	73.77 2.84 0.00	81.60 3.81 0.00	68.09 3.18 0.00	59.03 2.54 0.00	50.31 1.84 0.00	41.25 1.36 0.00
REYNLDDPA_13_KV_LD 356490	33.77 0.10 0.00	31.49 -0.06 0.00	28.25 -0.14 0.00	28.28 -0.11 0.00	28.46 -0.11 0.00	32.47 0.13 0.00	33.76 0.24 0.00	33.47 0.13 0.00	32.85 0.16 0.00	31.85 0.25 0.00	32.90 0.26 0.00	35.46 0.28 0.00	37.42 0.41 0.00	41.88 0.33 0.00	46.15 0.18 0.00	47.48 0.19 0.00	52.79 -0.64 0.00	65.21 -0.53 0.00	70.58 -0.35 0.00	77.55 -0.23 0.00	64.71 -0.19 0.00	56.94 0.45 0.00	48.81 0.34 0.00	40.21 0.32 0.00
REYNOLDS_115KV_TB3 80639	34.81 1.14 0.00	32.82 1.26 0.00	29.58 1.19 0.00	29.58 1.19 0.00	29.72 1.14 0.00	33.31 0.97 0.00	34.50 0.97 0.00	34.34 1.00 0.00	33.43 0.75 0.00	32.26 0.66 0.00	33.23 0.59 0.00	35.92 0.74 0.00	37.83 0.81 0.00	42.54 1.00 0.00	47.07 1.10 0.00	48.09 0.80 0.00	54.61 1.18 0.00	66.66 0.92 0.00	71.85 0.92 0.00	78.56 0.78 0.00	65.94 1.04 0.00	57.56 1.07 0.00	49.49 1.02 0.00	40.81 0.92 0.00

RIVERBAY____ 323610	35.99 2.32 0.00	34.06 2.49 -0.01	30.66 2.27 0.00	30.58 2.19 0.00	30.69 2.11 0.00	34.08 1.75 0.00	35.44 1.91 0.00	35.54 2.20 0.00	35.04 2.35 0.00	33.94 2.34 0.00	35.26 2.61 0.00	37.85 2.67 0.00	40.01 3.00 0.00	44.91 3.37 0.00	49.83 3.86 0.00	51.49 4.21 0.00	58.13 4.70 0.00	70.41 4.67 0.00	75.26 4.33 0.00	81.98 4.20 0.00	68.02 3.12 0.00	59.59 3.11 0.00	51.62 3.15 0.00	42.65 2.75 0.00
RIVERSDE_115KV_TB3 55908	34.68 1.01 0.00	32.66 1.10 0.00	29.47 1.08 0.00	29.47 1.08 0.00	29.61 1.03 0.00	33.18 0.84 0.00	34.36 0.84 0.00	34.17 0.83 0.00	33.21 0.52 0.00	32.04 0.44 0.00	33.04 0.39 0.00	35.71 0.53 0.00	37.60 0.59 0.00	42.29 0.75 0.00	46.79 0.83 0.00	47.76 0.47 0.00	54.18 0.75 0.00	66.46 0.72 0.00	71.64 0.71 0.00	78.41 0.62 0.00	65.75 0.84 0.00	57.33 0.85 0.00	49.29 0.82 0.00	40.69 0.80 0.00
ROARING__BROOK_WT_PWR 323790	33.40 -0.27 0.00	31.18 -0.38 0.00	27.97 -0.43 0.00	27.94 -0.46 0.00	28.09 -0.49 0.00	31.82 -0.52 0.00	33.02 -0.50 0.00	32.94 -0.40 0.00	32.42 -0.26 0.00	31.41 -0.19 0.00	32.51 -0.13 0.00	35.07 -0.11 0.00	36.90 -0.11 0.00	41.42 -0.12 0.00	45.78 -0.18 0.00	47.10 -0.19 0.00	53.22 -0.21 0.00	65.54 -0.20 0.00	70.72 -0.21 0.00	77.63 -0.16 0.00	64.65 -0.26 0.00	56.21 -0.28 0.00	48.08 -0.39 0.00	39.53 -0.36 0.00
ROCHESRG_115KV_T4 355643	31.75 -1.92 0.00	28.56 -2.21 0.79	25.48 -2.02 0.89	25.26 -1.96 1.17	25.66 -1.97 0.95	28.20 -2.23 1.91	29.54 -2.11 1.87	31.07 -2.27 0.00	30.92 -1.76 0.00	30.05 -1.55 0.00	31.08 -1.57 0.00	33.52 -1.65 0.00	35.20 -1.81 0.00	39.33 -1.99 0.23	43.66 -2.11 0.19	45.30 -1.75 0.23	50.75 -2.40 0.28	63.59 -1.77 0.37	67.95 -1.56 1.41	73.27 -1.63 2.88	61.26 -2.01 1.63	52.88 -2.15 1.46	44.95 -2.57 0.95	37.61 -2.19 0.09
ROCHESTER_9_IC 23652	32.02 -1.65 0.00	28.96 -1.96 0.64	25.88 -1.79 0.72	25.71 -1.73 0.95	26.10 -1.71 0.77	28.83 -1.94 1.56	30.15 -1.84 1.53	31.37 -1.97 0.00	31.21 -1.47 0.00	30.37 -1.23 0.00	31.40 -1.24 0.00	33.91 -1.27 0.00	35.60 -1.41 0.00	40.01 -1.54 0.00	44.36 -1.61 0.00	46.10 -1.18 0.00	51.67 -1.76 0.00	64.82 -0.92 0.00	69.36 -0.64 0.93	75.22 -0.54 2.02	62.49 -1.17 1.25	53.90 -1.47 1.12	45.80 -2.04 0.63	38.09 -1.80 0.00
ROCKVIEW_13_KV_LD 356306	35.45 1.78 0.00	33.35 1.80 0.00	30.07 1.68 0.00	30.01 1.62 0.00	30.15 1.57 0.00	33.66 1.33 0.00	35.07 1.54 0.00	35.14 1.80 0.00	34.58 1.90 0.00	33.43 1.83 0.00	34.67 2.02 0.00	37.32 2.15 0.00	39.45 2.44 0.00	44.33 2.78 0.00	49.14 3.17 0.00	50.74 3.45 0.00	57.22 3.79 0.00	69.62 3.88 0.00	74.62 3.69 0.00	81.44 3.66 0.00	67.63 2.73 0.00	58.97 2.49 0.00	51.04 2.57 0.00	41.97 2.07 0.00
ROME____115KV_TB2 80656	34.44 0.77 0.00	32.31 0.76 0.00	29.04 0.65 0.00	29.07 0.68 0.00	29.23 0.66 0.00	33.08 0.74 0.00	34.30 0.77 0.00	33.90 0.57 0.00	33.14 0.46 0.00	31.92 0.32 0.00	32.94 0.29 0.00	35.60 0.42 0.00	37.46 0.44 0.00	42.09 0.54 0.00	46.56 0.60 0.00	48.00 0.71 0.00	54.44 1.02 0.00	67.84 2.10 0.00	73.77 2.84 0.00	81.60 3.81 0.00	68.09 3.18 0.00	59.03 2.54 0.00	50.31 1.84 0.00	41.25 1.36 0.00
ROSETON__1 23587	35.05 1.38 0.00	33.01 1.45 0.00	29.75 1.36 0.00	29.73 1.33 0.00	29.83 1.26 0.00	33.34 1.00 0.00	34.70 1.17 0.00	34.77 1.43 0.00	34.12 1.44 0.00	32.90 1.30 0.00	33.98 1.34 0.00	36.69 1.51 0.00	38.75 1.74 0.00	43.70 2.16 0.00	48.45 2.48 0.00	49.89 2.60 0.00	56.42 2.99 0.00	68.76 3.03 0.00	73.77 2.84 0.00	80.35 2.56 0.00	66.92 2.01 0.00	58.24 1.75 0.00	50.36 1.89 0.00	41.49 1.60 0.00
ROSETON__2 23588	35.05 1.38 0.00	33.01 1.45 0.00	29.75 1.36 0.00	29.73 1.33 0.00	29.83 1.26 0.00	33.34 1.00 0.00	34.70 1.17 0.00	34.77 1.43 0.00	34.12 1.44 0.00	32.90 1.30 0.00	33.98 1.34 0.00	36.69 1.51 0.00	38.75 1.74 0.00	43.70 2.16 0.00	48.45 2.48 0.00	49.89 2.60 0.00	56.42 2.99 0.00	68.76 3.03 0.00	73.77 2.84 0.00	80.35 2.56 0.00	66.92 2.01 0.00	58.24 1.75 0.00	50.36 1.89 0.00	41.49 1.60 0.00
ROTTDRAM_115KV_TB3 80664	34.68 1.01 0.00	32.66 1.10 0.00	29.41 1.02 0.00	29.41 1.02 0.00	29.58 1.00 0.00	33.24 0.91 0.00	34.40 0.87 0.00	34.10 0.77 0.00	33.34 0.65 0.00	32.17 0.57 0.00	33.07 0.42 0.00	35.74 0.56 0.00	37.64 0.63 0.00	42.29 0.75 0.00	46.84 0.87 0.00	48.04 0.76 0.00	54.44 1.02 0.00	66.86 1.12 0.00	72.21 1.28 0.00	79.18 1.40 0.00	66.27 1.36 0.00	57.79 1.30 0.00	49.63 1.16 0.00	40.89 1.00 0.00
RUSSELL__1 23602	32.16 -1.52 0.00	29.04 -1.83 0.68	25.92 -1.70 0.77	25.76 -1.62 1.01	26.16 -1.60 0.82	28.86 -1.81 1.67	30.18 -1.71 1.64	31.50 -1.83 0.00	31.38 -1.31 0.00	30.49 -1.11 0.00	31.60 -1.04 0.00	34.09 -1.09 0.00	35.83 -1.18 0.00	40.26 -1.29 0.00	44.63 -1.33 0.00	46.39 -0.90 0.00	51.99 -1.44 0.00	65.23 -0.46 0.05	69.78 -0.14 1.01	75.60 0.00 2.19	62.77 -0.78 1.35	54.14 -1.13 1.22	46.05 -1.74 0.67	38.29 -1.60 0.00
RUSSELL__2 23532	32.16 -1.52 0.00	29.04 -1.83 0.68	25.92 -1.70 0.77	25.76 -1.62 1.01	26.16 -1.60 0.82	28.86 -1.81 1.67	30.18 -1.71 1.64	31.50 -1.83 0.00	31.38 -1.31 0.00	30.49 -1.11 0.00	31.60 -1.04 0.00	34.09 -1.09 0.00	35.83 -1.18 0.00	40.26 -1.29 0.00	44.63 -1.33 0.00	46.39 -0.90 0.00	51.99 -1.44 0.00	65.23 -0.46 0.05	69.78 -0.14 1.01	75.60 0.00 2.19	62.77 -0.78 1.35	54.14 -1.13 1.22	46.05 -1.74 0.67	38.29 -1.60 0.00
RUSSELL__3 23549	32.16 -1.52 0.00	29.04 -1.83 0.68	25.92 -1.70 0.77	25.76 -1.62 1.01	26.16 -1.60 0.82	28.86 -1.81 1.67	30.18 -1.71 1.64	31.50 -1.83 0.00	31.38 -1.31 0.00	30.49 -1.11 0.00	31.60 -1.04 0.00	34.09 -1.09 0.00	35.83 -1.18 0.00	40.26 -1.29 0.00	44.63 -1.33 0.00	46.39 -0.90 0.00	51.99 -1.44 0.00	65.23 -0.46 0.05	69.78 -0.14 1.01	75.60 0.00 2.19	62.77 -0.78 1.35	54.14 -1.13 1.22	46.05 -1.74 0.67	38.29 -1.60 0.00
RUSSELL__4 23556	32.16 -1.52 0.00	29.04 -1.83 0.68	25.92 -1.70 0.77	25.76 -1.62 1.01	26.16 -1.60 0.82	28.86 -1.81 1.67	30.18 -1.71 1.64	31.50 -1.83 0.00	31.38 -1.31 0.00	30.49 -1.11 0.00	31.60 -1.04 0.00	34.09 -1.09 0.00	35.83 -1.18 0.00	40.26 -1.29 0.00	44.63 -1.33 0.00	46.39 -0.90 0.00	51.99 -1.44 0.00	65.23 -0.46 0.05	69.78 -0.14 1.01	75.60 0.00 2.19	62.77 -0.78 1.35	54.14 -1.13 1.22	46.05 -1.74 0.67	38.29 -1.60 0.00
RUSSELL__STATION 23914	32.16 -1.52 0.00	29.04 -1.83 0.68	25.92 -1.70 0.77	25.76 -1.62 1.01	26.16 -1.60 0.82	28.86 -1.81 1.67	30.18 -1.71 1.64	31.50 -1.83 0.00	31.38 -1.31 0.00	30.49 -1.11 0.00	31.60 -1.04 0.00	34.09 -1.09 0.00	35.83 -1.18 0.00	40.26 -1.29 0.00	44.63 -1.33 0.00	46.39 -0.90 0.00	51.99 -1.44 0.00	65.23 -0.46 0.05	69.78 -0.14 1.01	75.60 0.00 2.19	62.77 -0.78 1.35	54.14 -1.13 1.22	46.05 -1.74 0.67	38.29 -1.60 0.00

S SALMON___HYD 24043	33.50 -0.17 0.00	31.34 -0.22 0.00	28.16 -0.23 0.00	28.19 -0.20 0.00	28.38 -0.20 0.00	32.53 0.20 0.00	33.73 0.20 0.00	33.40 0.07 0.00	32.68 0.00 0.00	31.60 0.00 0.00	32.68 0.03 0.00	35.14 -0.04 0.00	36.94 -0.07 0.00	41.38 -0.17 0.00	45.83 -0.14 0.00	47.38 0.09 0.00	53.43 0.00 0.00	66.59 0.85 0.00	72.49 1.56 0.00	80.20 2.41 0.00	66.98 2.08 0.00	57.95 1.47 0.00	49.53 1.06 0.00	40.57 0.68 0.00
S.PERRY___115KV_TB1 80734	32.96 -0.71 0.00	42.95 -0.95 -12.35	41.40 -0.94 -13.95	45.86 -0.85 -18.32	42.60 -0.77 -14.79	59.54 -0.81 -28.01	60.37 -0.60 -27.45	34.66 -1.00 -2.33	31.70 -1.08 -0.09	30.49 -1.11 0.00	31.47 -1.18 0.00	33.95 -1.23 0.00	35.72 -1.30 0.00	40.26 -1.29 0.00	44.73 -1.24 0.00	46.76 -0.57 -0.04	53.63 -0.59 -0.78	106.76 1.31 -39.70	90.21 2.55 -16.73	118.05 3.97 -36.30	90.18 2.79 -22.48	78.41 1.81 -20.11	60.01 0.29 -11.25	39.77 -0.20 -0.07
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	30.17 -3.50 0.00	24.51 -3.25 3.79	21.15 -2.95 4.29	19.84 -2.92 5.63	21.06 -2.97 4.55	20.61 -3.30 8.42	22.12 -3.15 8.26	29.34 -3.50 0.50	29.39 -3.27 0.02	28.66 -2.94 0.00	29.64 -3.00 0.00	32.12 -3.06 0.00	33.75 -3.26 0.00	38.10 -3.45 0.00	42.24 -3.72 0.00	43.83 -3.45 0.01	49.41 -3.90 0.12	57.40 -3.29 5.05	63.79 -3.26 3.88	65.88 -3.50 8.40	56.00 -3.70 5.20	48.64 -3.50 4.35	41.17 -3.93 3.37	36.44 -3.43 0.02
SAWYER___23_KV_LOAD 55526	30.17 -3.50 0.00	24.51 -3.25 3.79	21.15 -2.95 4.29	19.84 -2.92 5.63	21.06 -2.97 4.55	20.61 -3.30 8.42	22.12 -3.15 8.26	29.34 -3.50 0.50	29.39 -3.27 0.02	28.66 -2.94 0.00	29.64 -3.00 0.00	32.12 -3.06 0.00	33.75 -3.26 0.00	38.10 -3.45 0.00	42.24 -3.72 0.00	43.83 -3.45 0.01	49.41 -3.90 0.12	57.40 -3.29 5.05	63.79 -3.26 3.88	65.88 -3.50 8.40	56.00 -3.70 5.20	48.64 -3.50 4.35	41.17 -3.93 3.37	36.44 -3.43 0.02
SELKIRK___I 23801	34.75 1.08 0.00	32.75 1.20 0.00	29.56 1.16 0.00	29.53 1.14 0.00	29.69 1.11 0.00	33.31 0.97 0.00	34.37 0.84 0.00	34.07 0.73 0.00	33.11 0.42 0.00	31.79 0.19 0.00	32.77 0.13 0.00	35.49 0.32 0.00	37.38 0.37 0.00	42.08 0.54 0.00	46.61 0.64 0.00	47.52 0.24 0.00	53.96 0.53 0.00	66.14 0.40 0.00	71.36 0.43 0.00	78.40 0.62 0.00	65.75 0.84 0.00	57.34 0.85 0.00	49.29 0.82 0.00	40.73 0.84 0.00
SELKIRK___II 23799	34.51 0.84 0.00	32.57 1.01 0.00	29.36 0.97 0.00	29.33 0.94 0.00	29.49 0.91 0.00	33.08 0.74 0.00	34.23 0.71 0.00	34.04 0.70 0.00	33.14 0.46 0.00	31.88 0.28 0.00	32.87 0.23 0.00	35.57 0.39 0.00	37.49 0.48 0.00	42.21 0.66 0.00	46.70 0.73 0.00	47.38 0.09 0.00	53.75 0.32 0.00	65.74 0.00 0.00	70.65 -0.28 0.00	77.40 -0.39 0.00	64.91 0.00 0.00	56.60 0.11 0.00	48.71 0.24 0.00	40.21 0.32 0.00
SENECA OSWGO___HYD 24041	32.90 -0.77 0.00	30.80 -0.76 0.00	27.68 -0.71 0.00	27.71 -0.68 0.00	27.89 -0.69 0.00	32.18 -0.16 0.00	33.36 -0.17 0.00	33.17 -0.17 0.00	32.52 -0.16 0.00	31.51 -0.09 0.00	32.58 -0.07 0.00	35.00 -0.18 0.00	36.75 -0.26 0.00	41.39 -0.37 -0.22	45.88 -0.27 -0.19	47.52 0.00 -0.24	53.55 -0.16 -0.28	66.37 0.33 -0.30	71.97 0.78 -0.26	79.25 1.09 -0.38	65.77 0.78 -0.08	57.06 0.51 -0.07	48.94 0.29 -0.18	40.10 0.12 -0.09
SENECA___115KV_TB3 355854	30.54 -3.13 0.00	24.85 -2.78 3.93	21.43 -2.53 4.44	20.09 -2.47 5.83	21.35 -2.51 4.71	20.30 -2.75 9.29	21.84 -2.58 9.11	29.86 -2.93 0.54	29.75 -2.91 0.02	29.80 -1.80 0.00	31.01 -1.63 0.00	33.21 -1.97 0.00	34.42 -2.59 0.00	38.72 -2.83 0.00	42.89 -3.08 0.00	44.81 -2.46 0.01	50.53 -2.72 0.18	55.08 -2.17 8.49	64.75 -1.84 4.33	66.46 -1.94 9.39	56.82 -2.27 5.82	48.93 -2.37 5.19	41.88 -2.86 3.73	37.15 -2.71 0.03
SENECA___ENERGY 23797	33.60 -0.07 0.00	33.30 -0.06 -1.80	30.31 -0.11 -2.04	30.95 -0.11 -2.68	30.65 -0.09 -2.16	36.59 -0.06 -4.32	37.76 0.00 -4.23	33.60 -0.07 -0.33	32.53 -0.16 -0.01	31.60 0.00 0.00	32.71 0.07 0.00	35.14 -0.04 0.00	36.86 -0.15 0.00	42.28 -0.17 -0.90	46.69 -0.05 -0.77	48.62 0.38 -0.96	55.31 0.64 -1.24	73.69 1.64 -6.30	76.91 2.34 -3.65	87.72 2.80 -7.14	70.84 2.14 -3.79	61.40 1.53 -3.39	51.66 0.73 -2.47	40.58 0.32 -0.37
SHOEMAKER___GT 23640	35.39 1.72 0.00	33.26 1.70 0.00	29.98 1.59 0.00	29.92 1.53 0.00	30.03 1.46 0.00	33.60 1.26 0.00	34.87 1.34 0.00	34.84 1.50 0.00	34.22 1.54 0.00	32.90 1.30 0.00	33.98 1.34 0.00	36.69 1.51 0.00	38.71 1.70 0.00	43.79 2.24 0.00	48.68 2.71 0.00	50.27 2.98 0.00	57.06 3.64 0.00	69.82 4.08 0.00	75.11 4.18 0.00	81.98 4.20 0.00	68.28 3.37 0.00	59.25 2.77 0.00	50.99 2.52 0.00	41.97 2.07 0.00
SHOEMAKR_138KV_BK 111 55601	35.39 1.72 0.00	33.26 1.70 0.00	29.95 1.56 0.00	29.92 1.53 0.00	30.01 1.43 0.00	33.57 1.23 0.00	34.87 1.34 0.00	34.80 1.47 0.00	34.22 1.54 0.00	32.99 1.39 0.00	34.18 1.53 0.00	36.83 1.65 0.00	38.86 1.85 0.00	43.75 2.20 0.00	48.63 2.67 0.00	50.27 2.98 0.00	56.85 3.42 0.00	69.55 3.81 0.00	74.83 3.90 0.00	81.91 4.12 0.00	68.09 3.18 0.00	59.20 2.71 0.00	50.99 2.52 0.00	41.93 2.03 0.00
SHOREHAM_IC_1 23715	46.74 2.46 -10.61	41.97 2.27 -8.14	35.17 2.22 -4.57	30.44 2.05 0.00	30.46 1.89 0.00	34.11 1.78 0.00	35.77 2.25 0.00	35.90 2.57 0.00	34.97 2.29 0.00	33.43 1.83 0.00	34.89 2.25 0.00	37.18 2.00 0.00	39.75 2.74 0.00	44.87 3.32 0.00	49.28 3.31 0.00	51.08 3.78 -0.01	55.77 2.35 0.01	67.37 1.64 0.02	72.41 1.49 0.01	78.71 0.94 0.02	65.22 0.33 0.01	57.04 0.56 0.01	51.86 3.39 0.00	42.69 2.79 0.00
SHOREHAM_IC_2 23716	46.74 2.46 -10.61	41.97 2.27 -8.14	35.17 2.22 -4.57	30.44 2.05 0.00	30.46 1.89 0.00	34.11 1.78 0.00	35.77 2.25 0.00	35.90 2.57 0.00	34.97 2.29 0.00	33.43 1.83 0.00	34.89 2.25 0.00	37.18 2.00 0.00	39.75 2.74 0.00	44.87 3.32 0.00	49.28 3.31 0.00	51.08 3.78 -0.01	55.77 2.35 0.01	67.37 1.64 0.02	72.41 1.49 0.01	78.71 0.94 0.02	65.22 0.33 0.01	57.04 0.56 0.01	51.86 3.39 0.00	42.69 2.79 0.00
SISSONVILLE____ 23735	33.64 -0.03 0.00	31.33 -0.22 0.00	28.08 -0.31 0.00	28.14 -0.26 0.00	28.26 -0.31 0.00	32.24 -0.10 0.00	33.53 0.00 0.00	33.14 -0.20 0.00	32.52 -0.16 0.00	31.47 -0.13 0.00	32.55 -0.10 0.00	35.07 -0.11 0.00	37.05 0.04 0.00	41.42 -0.12 0.00	45.37 -0.60 0.00	46.39 -0.90 0.00	52.09 -1.34 0.00	64.16 -1.58 0.00	70.08 -0.85 0.00	77.40 -0.39 0.00	64.65 -0.26 0.00	56.15 -0.34 0.00	48.37 -0.10 0.00	39.93 0.04 0.00
SITHE_IND_GS1 24169	32.63 -1.04 0.00	30.54 -1.01 0.00	27.48 -0.91 0.00	27.48 -0.91 0.00	27.66 -0.92 0.00	31.24 -1.10 0.00	32.39 -1.14 0.00	32.17 -1.17 0.00	31.61 -1.08 0.00	30.65 -0.95 0.00	31.70 -0.95 0.00	34.02 -1.16 0.00	35.68 -1.33 0.00	32.70 -1.62 7.22	38.03 -1.75 6.19	37.98 -1.66 7.65	42.38 -1.92 9.13	53.96 -2.11 9.67	60.29 -2.13 8.51	63.23 -2.33 12.22	60.35 -2.01 2.54	52.43 -1.86 2.20	40.84 -1.74 5.89	35.56 -1.48 2.85

SITHE_IND_GS2 24170	32.63 -1.04 0.00	30.54 -1.01 0.00	27.48 -0.91 0.00	27.48 -0.91 0.00	27.66 -0.92 0.00	31.24 -1.10 0.00	32.39 -1.14 0.00	32.17 -1.17 0.00	31.61 -1.08 0.00	30.65 -0.95 0.00	31.70 -0.95 0.00	34.02 -1.16 0.00	35.68 -1.33 0.00	32.70 -1.62 7.22	38.03 -1.75 6.19	37.98 -1.66 7.65	42.38 -1.92 9.13	53.96 -2.11 9.67	60.29 -2.13 8.51	63.23 -2.33 12.22	60.35 -2.01 2.54	52.43 -1.86 2.20	40.84 -1.74 5.89	35.56 -1.48 2.85
SITHE_IND_GS3 24171	32.63 -1.04 0.00	30.54 -1.01 0.00	27.48 -0.91 0.00	27.48 -0.91 0.00	27.66 -0.92 0.00	31.24 -1.10 0.00	32.39 -1.14 0.00	32.17 -1.17 0.00	31.61 -1.08 0.00	30.65 -0.95 0.00	31.70 -0.95 0.00	34.02 -1.16 0.00	35.68 -1.33 0.00	32.70 -1.62 7.22	38.03 -1.75 6.19	37.98 -1.66 7.65	42.38 -1.92 9.13	53.96 -2.11 9.67	60.29 -2.13 8.51	63.23 -2.33 12.22	60.35 -2.01 2.54	52.43 -1.86 2.20	40.84 -1.74 5.89	35.56 -1.48 2.85
SITHE_IND_GS4 24172	32.63 -1.04 0.00	30.54 -1.01 0.00	27.48 -0.91 0.00	27.48 -0.91 0.00	27.66 -0.92 0.00	31.24 -1.10 0.00	32.39 -1.14 0.00	32.17 -1.17 0.00	31.61 -1.08 0.00	30.65 -0.95 0.00	31.70 -0.95 0.00	34.02 -1.16 0.00	35.68 -1.33 0.00	32.70 -1.62 7.22	38.03 -1.75 6.19	37.98 -1.66 7.65	42.38 -1.92 9.13	53.96 -2.11 9.67	60.29 -2.13 8.51	63.23 -2.33 12.22	60.35 -2.01 2.54	52.43 -1.86 2.20	40.84 -1.74 5.89	35.56 -1.48 2.85
SITHE___BATAVIA 24024	31.28 -2.39 0.00	27.01 -2.37 2.18	23.78 -2.16 2.46	23.10 -2.07 3.22	23.91 -2.06 2.61	24.89 -2.30 5.15	26.40 -2.08 5.05	30.41 -2.67 0.26	30.45 -2.22 0.01	30.34 -1.26 0.00	31.53 -1.11 0.00	33.67 -1.51 0.00	34.94 -2.07 0.00	39.13 -2.41 0.00	43.39 -2.57 0.00	45.39 -1.89 0.01	50.90 -2.40 0.13	57.94 -1.58 6.22	66.92 -0.92 3.09	70.47 -0.62 6.69	59.53 -1.24 4.14	50.94 -1.75 3.80	44.12 -2.28 2.07	37.53 -2.35 0.01
SITHE___INDEPEND 23800	32.63 -1.04 0.00	30.55 -1.01 0.00	27.48 -0.91 0.00	27.48 -0.91 0.00	27.66 -0.91 0.00	31.24 -1.10 0.00	32.39 -1.14 0.00	32.20 -1.13 0.00	31.60 -1.08 0.00	30.56 -1.04 0.00	31.57 -1.08 0.00	33.95 -1.23 0.00	35.57 -1.44 0.00	32.70 -1.62 7.22	38.03 -1.75 6.19	37.93 -1.70 7.65	42.37 -1.92 9.13	54.03 -2.04 9.67	60.29 -2.13 8.51	63.31 -2.26 12.22	60.35 -2.01 2.54	52.43 -1.86 2.20	40.84 -1.74 5.89	35.56 -1.48 2.85
SITHE___MASSENA 23902	33.74 0.07 0.00	31.46 -0.09 0.00	28.22 -0.17 0.00	28.25 -0.14 0.00	28.41 -0.17 0.00	32.43 0.10 0.00	33.69 0.17 0.00	33.40 0.07 0.00	32.78 0.10 0.00	31.76 0.16 0.00	32.81 0.16 0.00	35.35 0.18 0.00	37.34 0.33 0.00	41.80 0.25 0.00	46.06 0.09 0.00	47.29 0.00 0.00	53.06 -0.37 0.00	65.54 -0.20 0.00	71.00 0.07 0.00	78.18 0.39 0.00	65.17 0.26 0.00	56.89 0.40 0.00	48.76 0.29 0.00	40.17 0.28 0.00
SITHE___OGDNSBRG 24021	34.04 0.37 0.00	31.71 0.16 0.00	28.45 0.06 0.00	28.51 0.11 0.00	28.66 0.09 0.00	32.76 0.42 0.00	34.03 0.50 0.00	33.54 0.20 0.00	32.85 0.16 0.00	31.76 0.16 0.00	32.77 0.13 0.00	35.35 0.18 0.00	37.31 0.30 0.00	41.75 0.21 0.00	45.87 -0.09 0.00	47.10 -0.19 0.00	53.06 -0.37 0.00	65.48 -0.26 0.00	71.35 0.43 0.00	79.11 1.32 0.00	66.14 1.23 0.00	57.50 1.02 0.00	49.39 0.92 0.00	40.69 0.80 0.00
SITHE___STERLING 23777	34.24 0.57 0.00	32.09 0.54 0.00	28.84 0.45 0.00	28.90 0.51 0.00	29.06 0.49 0.00	32.85 0.52 0.00	34.03 0.50 0.00	33.70 0.37 0.00	32.98 0.29 0.00	31.82 0.22 0.00	32.87 0.23 0.00	35.46 0.28 0.00	37.27 0.26 0.00	41.84 0.29 0.00	46.33 0.37 0.00	47.76 0.47 0.00	54.18 0.75 0.00	67.25 1.51 0.00	72.99 2.06 0.00	80.58 2.80 0.00	67.24 2.33 0.00	58.29 1.81 0.00	49.78 1.31 0.00	40.81 0.92 0.00
SLEIGHT__34_KV_TB1 80719	32.39 -1.28 0.00	30.04 -1.51 0.00	27.00 -1.39 0.00	27.06 -1.33 0.00	27.26 -1.31 0.00	29.79 -1.49 1.06	31.04 -1.44 1.04	31.84 -1.50 0.00	31.47 -1.21 0.00	30.53 -1.07 0.00	31.57 -1.08 0.00	34.02 -1.16 0.00	35.75 -1.26 0.00	40.17 -1.37 0.00	44.54 -1.42 0.00	46.20 -1.09 0.00	51.99 -1.44 0.00	65.02 -0.66 0.06	69.93 -0.35 0.65	76.15 -0.23 1.41	63.32 -0.71 0.87	54.69 -1.02 0.78	46.49 -1.55 0.43	38.53 -1.36 0.00
SOUTH CAIRO___GT 23612	35.52 1.85 0.00	33.45 1.89 0.00	30.18 1.79 0.00	30.15 1.76 0.00	30.26 1.69 0.00	33.92 1.58 0.00	34.97 1.44 0.00	34.54 1.20 0.00	33.50 0.82 0.00	32.07 0.47 0.00	33.00 0.36 0.00	35.67 0.49 0.00	37.53 0.52 0.00	42.38 0.83 0.00	47.16 1.20 0.00	48.18 0.90 0.00	54.93 1.50 0.00	67.78 2.04 0.00	73.70 2.77 0.00	81.13 3.34 0.00	68.15 3.25 0.00	59.20 2.71 0.00	50.55 2.08 0.00	41.65 1.76 0.00
SOUTH HAMPTN___IC 23720	46.49 2.66 -10.16	41.81 2.46 -7.79	35.09 2.33 -4.37	30.52 2.13 0.00	30.52 1.94 0.00	34.18 1.84 0.00	35.84 2.31 0.00	36.00 2.67 0.00	35.10 2.42 0.00	33.53 1.93 0.00	35.00 2.35 0.00	37.32 2.15 0.00	39.90 2.89 0.00	45.12 3.57 0.00	49.60 3.63 0.00	51.46 4.16 -0.01	56.25 2.83 0.01	68.02 2.30 0.02	73.05 2.13 0.01	79.41 1.64 0.02	65.74 0.84 0.01	57.38 0.90 0.01	51.91 3.44 0.00	42.69 2.79 0.00
SOUTHDOW__115KV_TB1 355954	30.61 -3.06 0.00	26.80 -2.43 2.32	23.47 -2.30 2.62	22.70 -2.24 3.45	23.51 -2.29 2.78	21.60 -2.30 8.44	23.21 -2.05 8.27	30.61 -2.23 0.49	30.08 -2.58 0.02	29.45 -2.15 0.00	30.59 -2.06 0.00	33.42 -1.76 0.00	35.20 -1.81 0.00	39.84 -1.70 0.00	44.13 -1.84 0.00	45.76 -1.51 0.01	52.29 -1.02 0.12	60.19 0.26 5.81	67.63 0.64 3.94	69.94 0.70 8.54	59.35 -0.26 5.29	51.29 -0.51 4.69	43.53 -1.55 3.38	38.08 -1.80 0.02
SOUTHOLD_69_KV_BK 2 55809	46.76 2.93 -10.16	41.94 2.59 -7.80	35.15 2.38 -4.37	30.52 2.13 0.00	30.52 1.94 0.00	34.15 1.81 0.00	35.81 2.28 0.00	35.97 2.63 0.00	35.10 2.42 0.00	33.59 1.99 0.00	35.19 2.55 0.00	37.92 2.74 0.00	40.30 3.29 0.00	44.91 3.37 0.00	49.60 3.63 0.00	52.11 4.82 0.00	56.31 2.89 0.01	68.02 2.30 0.02	73.05 2.13 0.01	79.48 1.71 0.02	65.74 0.84 0.01	57.33 0.85 0.01	52.25 3.78 0.00	42.65 2.75 0.00
SOUTHOLD___IC 23719	46.69 2.86 -10.16	41.94 2.59 -7.80	35.18 2.41 -4.37	30.52 2.13 0.00	30.49 1.91 0.00	34.15 1.81 0.00	35.81 2.28 0.00	36.00 2.67 0.00	35.10 2.42 0.00	33.50 1.90 0.00	35.00 2.35 0.00	37.32 2.15 0.00	39.86 2.85 0.00	45.16 3.61 0.00	49.69 3.72 0.00	51.60 4.30 -0.01	56.41 2.99 0.01	68.22 2.50 0.02	73.26 2.34 0.01	79.56 1.79 0.02	65.74 0.84 0.01	57.33 0.85 0.01	51.81 3.34 0.00	42.53 2.63 0.00
SOUTH_FORK_WT_PWR 323839	46.56 2.73 -10.16	41.78 2.43 -7.80	35.01 2.24 -4.37	30.32 1.93 0.00	30.26 1.69 0.00	33.89 1.55 0.00	35.50 1.98 0.00	35.74 2.40 0.00	34.84 2.16 0.00	33.21 1.61 0.00	34.70 2.06 0.00	36.97 1.79 0.00	39.53 2.52 0.00	44.74 3.20 0.00	49.18 3.22 0.00	51.08 3.78 -0.01	55.83 2.41 0.01	67.37 1.64 0.02	72.34 1.42 0.01	78.55 0.78 0.02	64.90 0.00 0.01	56.65 0.17 0.01	51.23 2.76 0.00	42.05 2.15 0.00

SPIERFLS_115KV_TB 1 80737	35.79 2.12 0.00	33.67 2.11 0.00	30.38 1.99 0.00	30.35 1.96 0.00	30.58 2.00 0.00	34.31 1.97 0.00	35.50 1.98 0.00	35.07 1.73 0.00	34.09 1.41 0.00	32.80 1.20 0.00	32.84 0.20 0.00	35.78 0.60 0.00	37.64 0.63 0.00	42.42 0.87 0.00	47.07 1.10 0.00	48.14 0.85 0.00	54.61 1.18 0.00	67.12 1.38 0.00	72.70 1.77 0.00	79.73 1.94 0.00	66.92 2.01 0.00	58.24 1.75 0.00	50.12 1.65 0.00	41.29 1.40 0.00
ST LAWRENCE____ 23600	33.50 -0.17 0.00	31.24 -0.32 0.00	28.05 -0.34 0.00	28.08 -0.31 0.00	28.26 -0.31 0.00	32.24 -0.10 0.00	33.49 -0.03 0.00	33.24 -0.10 0.00	32.62 -0.07 0.00	31.57 -0.03 0.00	32.64 0.00 0.00	35.18 0.00 0.00	37.09 0.07 0.00	41.55 0.00 0.00	45.87 -0.09 0.00	47.14 -0.14 0.00	53.00 -0.43 0.00	65.35 -0.39 0.00	70.65 -0.28 0.00	77.63 -0.16 0.00	64.78 -0.13 0.00	56.49 0.00 0.00	48.42 -0.05 0.00	39.89 0.00 0.00
STATE_CA_115KV_115_LB 55624	34.78 1.11 0.00	32.79 1.23 0.00	29.58 1.19 0.00	29.56 1.16 0.00	29.72 1.14 0.00	33.31 0.97 0.00	34.47 0.94 0.00	34.27 0.93 0.00	33.30 0.62 0.00	32.14 0.54 0.00	33.10 0.46 0.00	35.81 0.63 0.00	37.71 0.70 0.00	42.42 0.87 0.00	47.02 1.06 0.00	48.00 0.71 0.00	54.44 1.02 0.00	66.53 0.79 0.00	71.71 0.78 0.00	78.48 0.70 0.00	65.81 0.91 0.00	57.39 0.90 0.00	49.29 0.82 0.00	40.73 0.84 0.00
STATE_ST_34_KV_LOAD 55959	33.50 -0.17 0.00	32.20 -0.19 -0.83	29.13 -0.20 -0.94	29.42 -0.20 -1.23	29.40 -0.17 -0.99	34.09 -0.26 -2.01	35.30 -0.20 -1.97	33.22 -0.27 -0.15	32.39 -0.29 -0.01	31.28 -0.32 0.00	32.35 -0.29 0.00	34.83 -0.35 0.00	36.60 -0.41 0.00	42.05 -0.42 -0.92	46.43 -0.32 -0.78	48.21 -0.05 -0.97	54.69 0.05 -1.21	70.46 0.99 -3.74	74.55 1.35 -2.28	83.72 1.79 -4.14	68.07 1.23 -1.93	59.05 0.85 -1.71	50.22 0.19 -1.55	40.26 0.00 -0.37
STATION 5_MISC_HYD 23604	32.09 -1.58 0.00	28.96 -1.96 0.64	25.88 -1.79 0.72	25.71 -1.73 0.95	26.10 -1.71 0.77	28.83 -1.94 1.56	30.15 -1.84 1.53	31.37 -1.97 0.00	31.31 -1.37 0.00	30.91 -0.70 0.00	32.12 -0.52 0.00	34.33 -0.84 0.00	35.79 -1.22 0.00	40.01 -1.54 0.00	44.36 -1.61 0.00	46.24 -1.04 0.00	51.74 -1.66 0.04	62.79 -1.12 1.83	69.36 -0.93 2.02	75.14 -0.62 2.25	62.55 -1.10 1.12	53.79 -1.58 1.12	45.85 -1.99 0.63	38.10 -1.79 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	32.29 -1.38 0.00	29.38 -1.64 0.53	26.29 -1.50 0.60	26.16 -1.45 0.79	26.51 -1.43 0.63	29.41 -1.65 1.28	30.73 -1.54 1.25	31.70 -1.63 0.00	31.44 -1.24 0.00	30.53 -1.07 0.00	31.57 -1.08 0.00	34.02 -1.16 0.00	35.75 -1.26 0.00	40.17 -1.37 0.00	44.50 -1.47 0.00	46.20 -1.09 0.00	51.88 -1.55 0.00	64.90 -0.79 0.05	69.66 -0.50 0.77	75.72 -0.39 1.68	62.89 -0.97 1.04	54.31 -1.24 0.93	46.21 -1.74 0.51	38.33 -1.56 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	31.92 -1.75 0.00	28.84 -2.05 0.66	25.74 -1.90 0.75	25.59 -1.82 0.98	25.95 -1.83 0.79	28.65 -2.07 1.62	29.96 -1.98 1.59	31.27 -2.07 0.00	31.11 -1.57 0.00	30.24 -1.36 0.00	31.31 -1.34 0.00	33.74 -1.44 0.00	35.46 -1.55 0.00	39.84 -1.70 0.00	44.17 -1.79 0.00	45.87 -1.42 0.00	51.40 -2.03 0.00	64.37 -1.31 0.05	68.89 -1.06 0.98	74.65 -1.01 2.12	62.04 -1.56 1.31	53.50 -1.81 1.18	45.54 -2.28 0.65	37.89 -1.99 0.00
STA_56____34_KV_BUS2 355983	31.92 -1.75 0.00	28.84 -2.05 0.66	25.74 -1.90 0.75	25.59 -1.82 0.98	25.95 -1.83 0.79	28.65 -2.07 1.62	29.96 -1.98 1.59	31.27 -2.07 0.00	31.11 -1.57 0.00	30.24 -1.36 0.00	31.31 -1.34 0.00	33.74 -1.44 0.00	35.46 -1.55 0.00	39.84 -1.70 0.00	44.17 -1.79 0.00	45.87 -1.42 0.00	51.40 -2.03 0.00	64.37 -1.31 0.05	68.89 -1.06 0.98	74.65 -1.01 2.12	62.04 -1.56 1.31	53.50 -1.81 1.18	45.54 -2.28 0.65	37.89 -1.99 0.00
STA_67____115KV_BK2 355882	31.99 -1.68 0.00	28.91 -2.02 0.63	25.84 -1.85 0.71	25.67 -1.79 0.93	26.05 -1.77 0.75	28.80 -2.00 1.54	30.14 -1.88 1.51	31.30 -2.03 0.00	31.18 -1.50 0.00	30.30 -1.30 0.00	31.34 -1.31 0.00	33.81 -1.37 0.00	35.53 -1.48 0.00	39.92 -1.62 0.00	44.27 -1.70 0.00	45.96 -1.32 0.00	51.51 -1.92 0.00	64.69 -1.05 0.00	69.16 -0.85 0.91	75.10 -0.70 1.98	62.38 -1.30 1.23	53.75 -1.64 1.10	45.72 -2.13 0.62	38.01 -1.88 0.00
STA_7____115KV_9TRANS 80674	32.16 -1.52 0.00	29.04 -1.83 0.68	25.92 -1.70 0.77	25.76 -1.62 1.01	26.16 -1.60 0.82	28.86 -1.81 1.67	30.18 -1.71 1.64	31.50 -1.83 0.00	31.38 -1.31 0.00	30.49 -1.11 0.00	31.60 -1.04 0.00	34.09 -1.09 0.00	35.83 -1.18 0.00	40.26 -1.29 0.00	44.63 -1.33 0.00	46.39 -0.90 0.00	51.99 -1.44 0.00	65.23 -0.46 0.05	69.78 -0.14 1.01	75.60 0.00 2.19	62.77 -0.78 1.35	54.14 -1.13 1.22	46.05 -1.74 0.67	38.29 -1.60 0.00
STA_82____115KV_TB1 80780	31.92 -1.75 0.00	28.89 -2.05 0.62	25.79 -1.90 0.70	25.66 -1.82 0.92	26.01 -1.83 0.74	28.75 -2.07 1.52	30.09 -1.94 1.49	31.24 -2.10 0.00	31.11 -1.57 0.00	30.21 -1.39 0.00	31.27 -1.37 0.00	33.74 -1.44 0.00	35.42 -1.59 0.00	39.84 -1.70 0.00	44.13 -1.84 0.00	45.82 -1.47 0.00	51.35 -2.08 0.00	64.49 -1.25 0.00	69.03 -0.99 0.90	74.89 -0.93 1.96	62.20 -1.49 1.21	53.65 -1.75 1.08	45.63 -2.23 0.61	37.93 -1.95 0.00
STEEL____WIND 323596	30.54 -3.13 0.00	24.85 -2.78 3.93	21.40 -2.56 4.44	20.06 -2.50 5.83	21.35 -2.51 4.71	20.30 -2.75 9.29	21.84 -2.58 9.11	29.83 -2.97 0.54	29.72 -2.94 0.02	29.77 -1.83 0.00	30.98 -1.66 0.00	33.17 -2.00 0.00	34.38 -2.63 0.00	38.64 -2.91 0.00	42.84 -3.13 0.00	44.77 -2.51 0.01	50.47 -2.78 0.18	55.01 -2.24 8.49	64.61 -1.99 4.33	66.38 -2.02 9.39	56.76 -2.33 5.82	48.87 -2.43 5.19	41.88 -2.86 3.73	37.12 -2.75 0.03
STEPHTWN_115KV_BK_2 55603	34.88 1.21 0.00	32.85 1.29 0.00	29.64 1.25 0.00	29.61 1.22 0.00	29.78 1.20 0.00	33.37 1.03 0.00	34.57 1.04 0.00	34.34 1.00 0.00	33.34 0.65 0.00	32.14 0.54 0.00	33.10 0.46 0.00	35.85 0.67 0.00	37.75 0.74 0.00	42.46 0.91 0.00	47.07 1.10 0.00	48.04 0.76 0.00	54.55 1.12 0.00	66.79 1.05 0.00	72.13 1.21 0.00	78.95 1.17 0.00	66.20 1.30 0.00	57.67 1.19 0.00	49.49 1.02 0.00	40.89 1.00 0.00
STEBEN_REC_LFGE 323667	32.39 -1.28 0.00	38.99 -1.14 -8.57	36.94 -1.14 -9.68	40.04 -1.08 -12.72	37.82 -1.03 -10.27	54.81 -0.97 -23.44	55.76 -0.74 -22.97	35.85 -1.10 -3.62	31.46 -1.37 -0.15	30.30 -1.30 0.00	31.34 -1.31 0.00	33.95 -1.23 0.00	35.83 -1.18 0.00	40.51 -1.04 0.00	44.96 -1.01 0.00	47.43 -0.33 -0.47	55.04 -0.11 -1.71	130.09 1.91 -62.45	88.35 2.77 -14.66	112.99 3.73 -31.47	86.66 2.53 -19.22	75.38 1.69 -17.20	58.25 0.05 -9.73	39.55 -0.56 -0.21
STILLWATER____SOLAR 323814	35.42 1.75 0.00	33.35 1.80 0.00	30.07 1.67 0.00	30.07 1.67 0.00	30.23 1.66 0.00	33.92 1.58 0.00	35.10 1.58 0.00	34.74 1.40 0.00	33.76 1.08 0.00	32.36 0.76 0.00	33.04 0.39 0.00	35.92 0.74 0.00	37.82 0.81 0.00	42.62 1.08 0.00	47.25 1.29 0.00	48.37 1.09 0.00	55.09 1.66 0.00	67.65 1.91 0.00	73.13 2.20 0.00	80.27 2.49 0.00	67.31 2.40 0.00	58.69 2.20 0.00	50.41 1.94 0.00	41.57 1.68 0.00

STONY___BROOK 24151	49.15 2.39 -13.09	43.80 2.21 -10.04	36.15 2.13 -5.63	30.38 1.99 0.00	30.43 1.86 0.00	34.08 1.75 0.00	35.74 2.21 0.00	35.87 2.53 0.00	34.78 2.09 0.00	33.31 1.71 0.00	34.73 2.09 0.00	37.18 2.00 0.00	39.90 2.89 0.00	45.24 3.70 0.00	49.96 4.00 0.00	51.55 4.26 -0.01	56.47 3.04 0.01	68.48 2.76 0.02	73.55 2.63 0.01	79.94 2.17 0.02	66.32 1.43 0.01	57.78 1.30 0.01	51.86 3.39 0.00	42.69 2.79 0.00
STURGEON_POOL_HYD 23609	35.39 1.72 0.00	33.26 1.70 0.00	29.98 1.59 0.00	29.95 1.56 0.00	30.03 1.46 0.00	33.53 1.20 0.00	34.87 1.34 0.00	34.97 1.63 0.00	34.45 1.76 0.00	33.21 1.61 0.00	34.47 1.83 0.00	37.08 1.90 0.00	39.16 2.15 0.00	44.08 2.53 0.00	48.95 2.99 0.00	50.69 3.40 0.00	57.22 3.79 0.00	69.81 4.08 0.00	74.90 3.97 0.00	81.75 3.97 0.00	67.89 2.99 0.00	59.09 2.60 0.00	51.08 2.62 0.00	42.01 2.11 0.00
ST_LAW_115_BK7_LBMP 345037	33.47 -0.20 0.00	31.21 -0.35 0.00	28.02 -0.37 0.00	28.05 -0.34 0.00	28.23 -0.34 0.00	32.21 -0.13 0.00	33.46 -0.07 0.00	33.24 -0.10 0.00	32.59 -0.10 0.00	31.57 -0.03 0.00	32.61 -0.03 0.00	35.14 -0.04 0.00	37.09 0.07 0.00	41.55 0.00 0.00	45.83 -0.14 0.00	47.10 -0.19 0.00	52.90 -0.53 0.00	65.28 -0.46 0.00	70.58 -0.35 0.00	77.55 -0.23 0.00	64.65 -0.26 0.00	56.43 -0.06 0.00	48.37 -0.10 0.00	39.85 -0.04 0.00
ST_LAW_115_BK8_LBMP 345038	33.47 -0.20 0.00	31.21 -0.35 0.00	28.02 -0.37 0.00	28.05 -0.34 0.00	28.23 -0.34 0.00	32.21 -0.13 0.00	33.46 -0.07 0.00	33.24 -0.10 0.00	32.59 -0.10 0.00	31.57 -0.03 0.00	32.61 -0.03 0.00	35.14 -0.04 0.00	37.09 0.07 0.00	41.55 0.00 0.00	45.83 -0.14 0.00	47.10 -0.19 0.00	52.90 -0.53 0.00	65.28 -0.46 0.00	70.58 -0.35 0.00	77.55 -0.23 0.00	64.65 -0.26 0.00	56.43 -0.06 0.00	48.37 -0.10 0.00	39.85 -0.04 0.00
ST_LAW_230_BK5_LBMP 345035	33.50 -0.17 0.00	31.24 -0.32 0.00	28.05 -0.34 0.00	28.08 -0.31 0.00	28.26 -0.31 0.00	32.24 -0.10 0.00	33.49 -0.03 0.00	33.24 -0.10 0.00	32.62 -0.07 0.00	31.57 -0.03 0.00	32.64 0.00 0.00	35.18 0.00 0.00	37.09 0.07 0.00	41.55 0.00 0.00	45.87 -0.09 0.00	47.14 -0.14 0.00	53.00 -0.43 0.00	65.35 -0.39 0.00	70.65 -0.28 0.00	77.63 -0.16 0.00	64.78 -0.13 0.00	56.49 0.00 0.00	48.42 -0.05 0.00	39.89 0.00 0.00
ST_LAW_230_BK6_LBMP 345036	33.50 -0.17 0.00	31.24 -0.32 0.00	28.05 -0.34 0.00	28.08 -0.31 0.00	28.26 -0.31 0.00	32.24 -0.10 0.00	33.49 -0.03 0.00	33.24 -0.10 0.00	32.62 -0.07 0.00	31.57 -0.03 0.00	32.64 0.00 0.00	35.18 0.00 0.00	37.09 0.07 0.00	41.55 0.00 0.00	45.87 -0.09 0.00	47.14 -0.14 0.00	53.00 -0.43 0.00	65.35 -0.39 0.00	70.65 -0.28 0.00	77.63 -0.16 0.00	64.78 -0.13 0.00	56.49 0.00 0.00	48.42 -0.05 0.00	39.89 0.00 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	35.15 1.48 0.00	33.04 1.48 0.00	29.78 1.39 0.00	29.73 1.33 0.00	29.83 1.26 0.00	33.37 1.03 0.00	34.70 1.17 0.00	34.70 1.37 0.00	34.12 1.44 0.00	32.93 1.33 0.00	34.15 1.50 0.00	36.76 1.58 0.00	38.82 1.81 0.00	43.66 2.12 0.00	48.45 2.48 0.00	50.03 2.74 0.00	56.48 3.05 0.00	68.96 3.22 0.00	73.98 3.05 0.00	80.82 3.03 0.00	67.24 2.34 0.00	58.52 2.03 0.00	50.50 2.04 0.00	41.57 1.68 0.00
SWANROAD_115KV_TB1 355699	29.39 -4.28 0.00	24.95 -3.63 2.98	21.76 -3.27 3.36	20.77 -3.21 4.42	21.72 -3.29 3.57	21.54 -3.69 7.11	23.01 -3.55 6.97	28.47 -4.47 0.39	28.61 -4.05 0.02	27.90 -3.70 0.00	28.82 -3.82 0.00	31.20 -3.98 0.00	32.75 -4.26 0.00	36.98 -4.57 0.00	40.96 -5.01 0.00	42.50 -4.78 0.01	48.10 -5.18 0.15	53.86 -4.86 7.01	61.46 -4.97 4.51	62.58 -5.44 9.76	53.60 -5.26 6.05	46.20 -4.86 5.43	40.70 -4.90 2.87	35.33 -4.55 0.02
SYNERGY___BIOGAS 323694	31.21 -2.46 0.00	27.01 -2.37 2.18	23.78 -2.16 2.46	23.09 -2.07 3.22	23.89 -2.09 2.61	24.89 -2.30 5.15	26.37 -2.11 5.05	30.41 -2.67 0.26	30.38 -2.29 0.01	29.55 -2.05 0.00	30.52 -2.12 0.00	33.00 -2.18 0.00	34.72 -2.29 0.00	39.14 -2.41 0.00	43.39 -2.57 0.00	45.15 -2.13 0.00	50.82 -2.51 0.10	59.92 -1.31 4.51	67.06 -0.78 3.09	70.63 -0.47 6.68	59.53 -1.23 4.14	51.05 -1.64 3.80	44.07 -2.33 2.07	37.53 -2.35 0.01
SYRACUSE___ENERGY_ST1 323597	33.37 -0.30 0.00	31.24 -0.32 0.00	28.11 -0.28 0.00	28.11 -0.28 0.00	28.29 -0.29 0.00	32.08 -0.26 0.00	33.26 -0.27 0.00	33.07 -0.27 0.00	32.42 -0.26 0.00	31.32 -0.28 0.00	32.38 -0.26 0.00	34.86 -0.32 0.00	36.60 -0.41 0.00	41.94 -0.42 -0.81	46.30 -0.37 -0.70	48.01 -0.14 -0.86	54.30 -0.16 -1.03	67.36 0.53 -1.09	72.53 0.64 -0.96	80.02 0.86 -1.38	65.71 0.52 -0.29	57.07 0.34 -0.25	49.08 -0.05 -0.66	40.10 -0.12 -0.32
SYRACUSE___ENERGY_ST2 323598	33.37 -0.30 0.00	31.24 -0.32 0.00	28.11 -0.28 0.00	28.11 -0.28 0.00	28.29 -0.29 0.00	32.08 -0.26 0.00	33.26 -0.27 0.00	33.07 -0.27 0.00	32.42 -0.26 0.00	31.32 -0.28 0.00	32.38 -0.26 0.00	34.86 -0.32 0.00	36.60 -0.41 0.00	41.94 -0.42 -0.81	46.30 -0.37 -0.70	48.01 -0.14 -0.86	54.30 -0.16 -1.03	67.36 0.53 -1.09	72.53 0.64 -0.96	80.02 0.86 -1.38	65.71 0.52 -0.29	57.07 0.34 -0.25	49.08 -0.05 -0.66	40.10 -0.12 -0.32
SYRACUSE___POWER 24017	33.30 -0.37 0.00	31.21 -0.35 0.00	28.05 -0.34 0.00	28.05 -0.34 0.00	28.23 -0.34 0.00	31.92 -0.42 0.00	33.12 -0.40 0.00	32.90 -0.43 0.00	32.29 -0.39 0.00	31.19 -0.41 0.00	32.25 -0.39 0.00	34.72 -0.46 0.00	36.46 -0.56 0.00	41.46 -0.58 -0.50	45.84 -0.55 -0.43	47.44 -0.38 -0.53	53.69 -0.37 -0.63	66.54 0.13 -0.67	71.80 0.28 -0.59	79.02 0.39 -0.85	65.21 0.13 -0.18	56.64 0.00 -0.15	48.54 -0.34 -0.41	39.73 -0.36 -0.20
TALLMAN__138KV_BK151 55660	35.15 1.48 0.00	33.04 1.48 0.00	29.78 1.39 0.00	29.73 1.33 0.00	29.86 1.29 0.00	33.37 1.03 0.00	34.73 1.21 0.00	34.80 1.47 0.00	34.25 1.57 0.00	33.09 1.49 0.00	34.31 1.66 0.00	36.97 1.79 0.00	39.05 2.04 0.00	43.87 2.33 0.00	48.59 2.62 0.00	50.17 2.88 0.00	56.53 3.10 0.00	68.89 3.16 0.00	73.91 2.98 0.00	80.58 2.80 0.00	66.98 2.08 0.00	58.35 1.86 0.00	50.50 2.04 0.00	41.57 1.68 0.00
TEALLAVE_115KV_TB7 355573	33.17 -0.51 0.00	31.05 -0.50 0.00	27.94 -0.45 0.00	27.94 -0.45 0.00	28.12 -0.46 0.00	31.79 -0.55 0.00	32.99 -0.54 0.00	32.80 -0.53 0.00	32.19 -0.49 0.00	31.13 -0.47 0.00	32.15 -0.49 0.00	34.62 -0.56 0.00	36.34 -0.67 0.00	41.10 -0.75 -0.30	45.49 -0.74 -0.26	47.04 -0.57 -0.32	53.17 -0.64 -0.38	65.94 -0.20 -0.40	71.14 -0.14 -0.35	78.29 0.00 -0.51	64.82 -0.19 -0.11	56.24 -0.34 -0.09	48.13 -0.58 -0.24	39.45 -0.56 -0.12
TELGRAPH_34_KV_EAST 80808	30.44 -3.23 0.00	26.07 -2.93 2.55	22.85 -2.67 2.88	22.00 -2.61 3.78	22.90 -2.63 3.05	23.38 -2.94 6.01	24.85 -2.78 5.89	29.62 -3.40 0.32	29.63 -3.04 0.01	28.88 -2.72 0.00	29.84 -2.81 0.00	32.29 -2.88 0.00	33.94 -3.07 0.00	38.26 -3.28 0.00	42.43 -3.54 0.00	44.11 -3.17 0.01	49.73 -3.58 0.12	57.47 -2.83 5.44	64.79 -2.55 3.58	67.38 -2.64 7.76	57.11 -2.99 4.81	49.02 -3.05 4.41	42.56 -3.49 2.42	36.61 -3.27 0.02

TEMPLE___115KV_TB 2 55572	33.20 -0.47 0.00	31.08 -0.47 0.00	27.94 -0.45 0.00	27.97 -0.43 0.00	28.15 -0.43 0.00	31.79 -0.55 0.00	32.99 -0.54 0.00	32.80 -0.53 0.00	32.19 -0.49 0.00	31.13 -0.47 0.00	32.19 -0.46 0.00	34.62 -0.56 0.00	36.38 -0.63 0.00	41.15 -0.71 -0.31	45.55 -0.69 -0.27	47.10 -0.52 -0.33	53.24 -0.59 -0.40	66.03 -0.13 -0.42	71.23 -0.07 -0.37	78.32 0.00 -0.53	64.82 -0.19 -0.11	56.30 -0.28 -0.10	48.14 -0.58 -0.26	39.46 -0.56 -0.12
TIANA___69_KV_BK 1 55817	46.53 2.69 -10.16	41.78 2.43 -7.80	35.06 2.30 -4.37	30.52 2.13 0.00	30.55 1.97 0.00	34.18 1.84 0.00	35.87 2.35 0.00	35.97 2.63 0.00	35.10 2.42 0.00	33.62 2.02 0.00	35.22 2.58 0.00	37.92 2.74 0.00	40.30 3.29 0.00	44.91 3.37 0.00	49.60 3.63 0.00	52.01 4.73 0.00	56.15 2.72 0.01	67.89 2.17 0.02	72.91 1.99 0.01	79.40 1.63 0.02	65.81 0.91 0.01	57.44 0.96 0.01	52.44 3.97 0.00	42.89 2.99 0.00
TILDEN___115KV_TB1 80814	33.30 -0.37 0.00	31.21 -0.35 0.00	28.05 -0.34 0.00	28.05 -0.34 0.00	28.23 -0.34 0.00	31.92 -0.42 0.00	33.12 -0.40 0.00	32.90 -0.43 0.00	32.29 -0.39 0.00	31.19 -0.41 0.00	32.25 -0.39 0.00	34.72 -0.46 0.00	36.46 -0.56 0.00	41.46 -0.58 -0.50	45.84 -0.55 -0.43	47.44 -0.38 -0.53	53.69 -0.37 -0.63	66.54 0.13 -0.67	71.80 0.28 -0.59	79.02 0.39 -0.85	65.21 0.13 -0.18	56.64 0.00 -0.15	48.54 -0.34 -0.41	39.73 -0.36 -0.20
TRIGEN___CC 323695	35.56 1.89 0.00	33.29 1.74 0.00	30.07 1.68 0.00	29.95 1.56 0.00	30.06 1.49 0.00	33.60 1.26 0.00	35.17 1.64 0.00	35.24 1.90 0.00	34.48 1.80 0.00	33.18 1.58 0.00	34.67 2.02 0.00	37.32 2.15 0.00	39.64 2.63 0.00	44.45 2.91 0.00	49.32 3.36 0.00	51.16 3.88 0.00	56.42 2.99 0.01	68.62 2.89 0.01	73.55 2.62 0.01	80.19 2.41 0.01	66.65 1.75 0.01	58.06 1.58 0.01	51.33 2.86 0.00	42.13 2.23 0.00
TRINITY___115KV___ 4 BK 55933	34.61 0.94 0.00	32.63 1.07 0.00	29.41 1.02 0.00	29.41 1.02 0.00	29.58 1.00 0.00	33.15 0.81 0.00	34.30 0.77 0.00	34.10 0.77 0.00	33.14 0.46 0.00	31.98 0.38 0.00	32.97 0.33 0.00	35.64 0.46 0.00	37.53 0.52 0.00	42.21 0.66 0.00	46.70 0.74 0.00	47.66 0.38 0.00	54.02 0.59 0.00	66.20 0.46 0.00	71.43 0.50 0.00	78.10 0.31 0.00	65.49 0.58 0.00	57.16 0.68 0.00	49.10 0.63 0.00	40.57 0.68 0.00
UNION___PROCESSING_DRP 323587	31.92 -1.75 0.00	28.86 -2.05 0.65	25.79 -1.87 0.73	25.62 -1.82 0.96	25.97 -1.83 0.77	28.68 -2.07 1.58	30.03 -1.94 1.55	31.27 -2.07 0.00	31.11 -1.57 0.00	30.24 -1.36 0.00	31.27 -1.37 0.00	33.74 -1.44 0.00	35.42 -1.59 0.00	39.84 -1.70 0.00	44.17 -1.79 0.00	45.87 -1.42 0.00	51.40 -2.03 0.00	64.49 -1.25 0.00	68.99 -0.99 0.94	74.81 -0.93 2.04	62.15 -1.49 1.27	53.61 -1.75 1.13	45.60 -2.23 0.64	37.93 -1.95 0.00
UPPER HUDSON___HYD 24058	35.79 2.12 0.00	33.67 2.11 0.00	30.38 1.99 0.00	30.35 1.96 0.00	30.58 2.00 0.00	34.31 1.97 0.00	35.50 1.98 0.00	35.07 1.73 0.00	34.06 1.37 0.00	32.58 0.98 0.00	32.71 0.07 0.00	35.71 0.53 0.00	37.57 0.56 0.00	42.42 0.87 0.00	47.02 1.06 0.00	48.09 0.80 0.00	54.60 1.17 0.00	67.12 1.38 0.00	72.63 1.70 0.00	79.73 1.95 0.00	66.85 1.95 0.00	58.18 1.69 0.00	50.06 1.60 0.00	41.29 1.40 0.00
UPPER RAQUET___HYD 24056	33.64 -0.03 0.00	31.34 -0.22 0.00	28.08 -0.31 0.00	28.14 -0.26 0.00	28.26 -0.31 0.00	32.24 -0.10 0.00	33.53 0.00 0.00	33.14 -0.20 0.00	32.49 -0.19 0.00	31.44 -0.16 0.00	32.51 -0.13 0.00	35.07 -0.11 0.00	37.05 0.04 0.00	41.42 -0.12 0.00	45.37 -0.60 0.00	46.39 -0.90 0.00	51.83 -1.60 0.00	64.16 -1.58 0.00	70.08 -0.85 0.00	77.40 -0.39 0.00	64.65 -0.26 0.00	56.32 -0.17 0.00	48.37 -0.10 0.00	39.93 0.04 0.00
VALLEY44_115KV_TB2 355964	30.74 -2.93 0.00	28.03 -1.67 1.85	24.74 -1.56 2.09	24.14 -1.50 2.75	24.82 -1.54 2.22	22.98 -1.55 7.81	24.53 -1.34 7.65	31.38 -1.50 0.46	30.15 -2.52 0.02	29.29 -2.31 0.00	30.39 -2.25 0.00	33.00 -2.18 0.00	34.68 -2.33 0.00	39.18 -2.37 0.00	43.44 -2.53 0.00	45.10 -2.18 0.01	51.93 -1.39 0.11	60.31 -0.20 5.23	67.32 -0.07 3.54	70.11 0.00 7.68	59.83 -0.32 4.76	51.97 -0.28 4.23	44.17 -1.16 3.13	38.40 -1.48 0.02
VALLEY___115KV_TB 1-4 80826	33.91 0.24 0.00	31.84 0.28 0.00	28.65 0.26 0.00	28.68 0.28 0.00	28.86 0.29 0.00	32.56 0.23 0.00	33.76 0.23 0.00	33.54 0.20 0.00	32.85 0.16 0.00	31.73 0.13 0.00	32.77 0.13 0.00	35.39 0.21 0.00	37.23 0.22 0.00	41.79 0.25 0.00	46.24 0.28 0.00	47.52 0.24 0.00	53.70 0.27 0.00	66.13 0.39 0.00	71.43 0.50 0.00	78.41 0.62 0.00	65.49 0.58 0.00	56.94 0.45 0.00	48.95 0.48 0.00	40.25 0.36 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	34.65 0.98 0.00	32.72 1.17 0.00	29.44 1.05 0.00	29.47 1.08 0.00	29.66 1.09 0.00	33.38 1.03 -0.01	34.44 0.91 -0.01	34.10 0.77 0.00	33.40 0.72 0.00	32.17 0.57 0.00	33.26 0.62 0.00	35.99 0.81 0.00	37.90 0.89 0.00	42.82 1.04 -0.24	47.37 1.20 -0.21	48.88 1.32 -0.27	55.41 1.66 -0.32	68.37 2.24 -0.40	73.73 2.48 -0.32	81.14 2.88 -0.48	67.56 2.53 -0.12	58.69 2.09 -0.11	50.47 1.79 -0.21	41.39 1.40 -0.10
VISCHER___FERRY HYD 24020	35.05 1.38 0.00	33.01 1.45 0.00	29.78 1.39 0.00	29.75 1.36 0.00	29.92 1.34 0.00	33.50 1.16 0.00	34.73 1.21 0.00	34.50 1.17 0.00	33.60 0.91 0.00	32.27 0.66 0.00	33.16 0.52 0.00	35.95 0.77 0.00	37.86 0.85 0.00	42.67 1.12 0.00	47.16 1.19 0.00	48.28 0.99 0.00	54.98 1.55 0.00	67.25 1.51 0.00	72.49 1.56 0.00	79.42 1.64 0.00	66.59 1.68 0.00	58.13 1.64 0.00	49.97 1.50 0.00	41.21 1.31 0.00
V_A_10_SYNC_DSASP 323832	30.57 -3.10 0.00	26.15 -3.28 2.13	23.01 -2.98 2.40	22.31 -2.92 3.16	23.05 -2.97 2.55	23.98 -3.33 5.03	25.38 -3.22 4.93	29.58 -3.50 0.25	29.80 -2.88 0.01	29.01 -2.59 0.00	29.97 -2.68 0.00	32.36 -2.81 0.00	33.94 -3.07 0.00	38.00 -3.32 0.22	42.15 -3.63 0.19	43.75 -3.31 0.23	48.85 -4.22 0.35	56.98 -3.81 4.95	63.73 -3.83 3.37	66.44 -4.20 7.14	56.41 -4.22 4.27	48.61 -4.07 3.81	42.01 -4.27 2.19	36.25 -3.55 0.10
V_CMM_10_SYNC_DSASP 323787	33.60 -0.07 0.00	31.33 -0.22 0.00	28.14 -0.26 0.00	28.16 -0.23 0.00	28.35 -0.23 0.00	32.34 0.00 0.00	33.63 0.10 0.00	33.34 0.00 0.00	32.75 0.07 0.00	31.70 0.09 0.00	32.77 0.13 0.00	35.32 0.14 0.00	37.23 0.22 0.00	41.71 0.17 0.00	46.01 0.05 0.00	47.29 0.00 0.00	53.32 -0.11 0.00	65.28 -0.46 0.00	70.57 -0.35 0.00	77.55 -0.23 0.00	64.71 -0.19 0.00	56.37 -0.11 0.00	48.61 0.15 0.00	40.01 0.12 0.00
V_CMP_10_SYNC_DSASP 323788	33.97 0.30 0.00	31.68 0.13 0.00	28.42 0.03 0.00	28.45 0.06 0.00	28.63 0.06 0.00	32.63 0.29 0.00	33.93 0.40 0.00	33.67 0.33 0.00	33.08 0.39 0.00	32.01 0.41 0.00	33.10 0.46 0.00	35.67 0.49 0.00	37.64 0.63 0.00	42.13 0.58 0.00	46.52 0.55 0.00	47.81 0.52 0.00	53.96 0.53 0.00	66.40 0.66 0.00	71.92 0.99 0.00	79.11 1.32 0.00	65.88 0.97 0.00	57.33 0.85 0.00	49.19 0.73 0.00	40.49 0.60 0.00

V_D_10_SYNC_DSASP 323841	33.74 0.07 0.00	31.46 -0.09 0.00	28.22 -0.17 0.00	28.25 -0.14 0.00	28.41 -0.17 0.00	32.43 0.10 0.00	33.73 0.20 0.00	33.40 0.07 0.00	32.78 0.10 0.00	31.76 0.16 0.00	32.81 0.16 0.00	35.39 0.21 0.00	37.34 0.33 0.00	41.79 0.25 0.00	46.06 0.09 0.00	47.33 0.05 0.00	53.32 -0.11 0.00	65.61 -0.13 0.00	71.07 0.14 0.00	78.17 0.39 0.00	65.17 0.26 0.00	56.71 0.23 0.00	48.76 0.29 0.00	40.17 0.28 0.00
V_E_10_SYNC_DSASP 323830	35.05 1.38 0.00	33.77 1.36 -0.86	30.56 1.19 -0.97	30.92 1.25 -1.28	30.87 1.26 -1.03	35.83 1.36 -2.13	36.99 1.37 -2.09	34.40 1.07 0.00	33.43 0.75 0.00	31.98 0.38 0.00	33.00 0.36 0.00	35.71 0.53 0.00	37.57 0.56 0.00	42.78 0.75 -0.49	47.35 0.97 -0.42	49.21 1.37 -0.55	56.23 2.14 -0.66	70.81 4.27 -0.80	78.58 5.75 -1.91	88.79 7.31 -3.69	72.93 6.10 -1.92	63.01 4.80 -1.72	53.10 3.34 -1.28	42.54 2.43 -0.21
V_F_30_NSYNC___DSASP 323816	35.42 1.75 0.00	33.35 1.80 0.00	30.10 1.70 0.00	30.07 1.68 0.00	30.26 1.69 0.00	33.92 1.58 0.00	35.14 1.61 0.00	34.77 1.43 0.00	33.83 1.14 0.00	32.58 0.98 0.00	33.26 0.62 0.00	36.09 0.91 0.00	37.97 0.96 0.00	42.75 1.20 0.00	47.39 1.42 0.00	48.52 1.23 0.00	55.19 1.76 0.00	67.71 1.97 0.00	73.34 2.41 0.00	80.43 2.64 0.00	67.50 2.60 0.00	58.86 2.37 0.00	50.50 2.04 0.00	41.61 1.72 0.00
V_F_30_SYNC_DSASP 323786	34.78 1.11 0.00	32.79 1.23 0.00	29.58 1.19 0.00	29.56 1.16 0.00	29.72 1.14 0.00	33.31 0.97 0.00	34.47 0.94 0.00	34.27 0.93 0.00	33.30 0.62 0.00	32.14 0.54 0.00	33.10 0.46 0.00	35.81 0.63 0.00	37.71 0.70 0.00	42.42 0.87 0.00	47.02 1.06 0.00	48.00 0.71 0.00	54.44 1.02 0.00	66.46 0.72 0.00	71.71 0.78 0.00	78.48 0.70 0.00	65.81 0.91 0.00	57.39 0.90 0.00	49.29 0.82 0.00	40.73 0.84 0.00
V_XM_10_SYNC_DSASP 323789	33.97 0.30 0.00	31.68 0.13 0.00	28.42 0.03 0.00	28.45 0.06 0.00	28.63 0.06 0.00	32.63 0.29 0.00	33.93 0.40 0.00	33.67 0.33 0.00	33.08 0.39 0.00	32.01 0.41 0.00	33.10 0.46 0.00	35.67 0.49 0.00	37.64 0.63 0.00	42.13 0.58 0.00	46.52 0.55 0.00	47.81 0.52 0.00	53.96 0.53 0.00	66.40 0.66 0.00	71.92 0.99 0.00	79.11 1.32 0.00	65.88 0.97 0.00	57.33 0.85 0.00	49.19 0.73 0.00	40.49 0.60 0.00
W.BABYLN_69_KV_BK1 56697	37.49 2.56 -1.26	34.86 2.34 -0.97	31.18 2.24 -0.54	30.49 2.10 0.00	30.55 1.97 0.00	34.18 1.84 0.00	35.87 2.35 0.00	35.97 2.63 0.00	35.10 2.42 0.00	33.72 2.12 0.00	35.26 2.61 0.00	37.99 2.81 0.00	40.42 3.41 0.00	45.28 3.74 0.00	50.20 4.23 0.00	52.35 5.06 0.00	57.00 3.58 0.01	69.28 3.55 0.01	74.33 3.40 0.01	81.04 3.27 0.01	67.30 2.40 0.01	58.63 2.15 0.01	52.54 4.07 0.00	43.01 3.11 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	35.25 1.58 0.00	33.13 1.58 0.00	29.87 1.48 0.00	29.84 1.45 0.00	29.95 1.37 0.00	33.47 1.13 0.00	34.83 1.31 0.00	34.90 1.57 0.00	34.32 1.63 0.00	33.18 1.58 0.00	34.41 1.76 0.00	37.04 1.86 0.00	39.12 2.11 0.00	44.00 2.45 0.00	48.77 2.80 0.00	50.36 3.07 0.00	56.74 3.31 0.00	69.16 3.42 0.00	74.19 3.26 0.00	80.97 3.19 0.00	67.31 2.40 0.00	58.58 2.09 0.00	50.65 2.18 0.00	41.73 1.84 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	35.42 1.75 0.00	33.32 1.77 0.00	30.04 1.65 0.00	30.01 1.62 0.00	30.12 1.54 0.00	33.60 1.26 0.00	35.10 1.58 0.00	35.20 1.87 0.00	34.71 2.03 0.00	33.59 1.99 0.00	34.83 2.19 0.00	37.46 2.29 0.00	39.60 2.59 0.00	44.49 2.95 0.00	49.32 3.36 0.00	50.97 3.69 0.00	57.49 4.06 0.00	69.81 4.08 0.00	74.76 3.83 0.00	81.44 3.66 0.00	67.57 2.66 0.00	58.97 2.49 0.00	51.04 2.57 0.00	41.97 2.07 0.00
W50THST__13_KV_LOAD 356117	35.56 1.89 0.00	33.45 1.89 0.00	30.15 1.76 0.00	30.12 1.73 0.00	30.23 1.66 0.00	33.76 1.42 0.00	35.27 1.74 0.00	35.40 2.07 0.00	34.91 2.22 0.00	33.78 2.18 0.00	35.06 2.42 0.00	37.71 2.53 0.00	39.86 2.85 0.00	44.79 3.24 0.00	49.64 3.68 0.00	51.26 3.97 0.00	57.86 4.43 0.00	70.34 4.60 0.00	75.18 4.26 0.00	81.91 4.12 0.00	67.96 3.05 0.00	59.25 2.77 0.00	51.28 2.81 0.00	42.17 2.27 0.00
WADING RIVER_IC_1 23522	46.26 2.46 -10.13	41.60 2.27 -7.77	34.94 2.19 -4.36	30.44 2.05 0.00	30.46 1.89 0.00	34.11 1.78 0.00	35.77 2.25 0.00	35.90 2.57 0.00	34.94 2.25 0.00	33.43 1.83 0.00	34.86 2.22 0.00	37.15 1.97 0.00	39.71 2.70 0.00	44.87 3.32 0.00	49.23 3.26 0.00	51.08 3.78 -0.01	55.72 2.30 0.01	67.30 1.58 0.02	72.27 1.34 0.01	78.55 0.78 0.02	65.16 0.26 0.01	56.99 0.51 0.01	51.86 3.39 0.00	42.69 2.79 0.00
WADING RIVER_IC_2 23547	46.26 2.46 -10.13	41.60 2.27 -7.77	34.94 2.19 -4.36	30.44 2.05 0.00	30.46 1.89 0.00	34.11 1.78 0.00	35.77 2.25 0.00	35.90 2.57 0.00	34.94 2.25 0.00	33.43 1.83 0.00	34.86 2.22 0.00	37.15 1.97 0.00	39.71 2.70 0.00	44.87 3.32 0.00	49.23 3.26 0.00	51.08 3.78 -0.01	55.72 2.30 0.01	67.30 1.58 0.02	72.27 1.34 0.01	78.55 0.78 0.02	65.16 0.26 0.01	56.99 0.51 0.01	51.86 3.39 0.00	42.69 2.79 0.00
WADING RIVER_IC_3 23601	46.26 2.46 -10.13	41.60 2.27 -7.77	34.94 2.19 -4.36	30.44 2.05 0.00	30.46 1.89 0.00	34.11 1.78 0.00	35.77 2.25 0.00	35.90 2.57 0.00	34.94 2.25 0.00	33.43 1.83 0.00	34.86 2.22 0.00	37.15 1.97 0.00	39.71 2.70 0.00	44.87 3.32 0.00	49.23 3.26 0.00	51.08 3.78 -0.01	55.72 2.30 0.01	67.30 1.58 0.02	72.27 1.34 0.01	78.55 0.78 0.02	65.16 0.26 0.01	56.99 0.51 0.01	51.86 3.39 0.00	42.69 2.79 0.00
WALDENNY_12_KV_BK2 80841	30.37 -3.30 0.00	24.89 -2.84 3.83	21.46 -2.61 4.32	20.16 -2.56 5.68	21.39 -2.60 4.58	20.47 -2.81 9.05	22.01 -2.65 8.87	29.75 -3.07 0.52	29.62 -3.04 0.02	28.88 -2.72 0.00	29.90 -2.74 0.00	32.47 -2.71 0.00	34.16 -2.85 0.00	38.64 -2.91 0.00	42.79 -3.17 0.00	44.44 -2.84 0.01	50.40 -2.89 0.14	57.17 -2.04 6.53	64.68 -1.84 4.41	66.22 -2.02 9.54	56.59 -2.40 5.91	48.79 -2.43 5.27	41.78 -3.05 3.63	37.00 -2.87 0.02
WALDEN___HYDRO 24148	35.22 1.55 0.00	33.10 1.55 0.00	29.84 1.45 0.00	29.81 1.42 0.00	29.92 1.34 0.00	33.44 1.10 0.00	34.77 1.24 0.00	34.77 1.43 0.00	34.19 1.50 0.00	32.99 1.39 0.00	34.21 1.57 0.00	36.83 1.65 0.00	38.90 1.89 0.00	43.75 2.20 0.00	48.54 2.57 0.00	50.12 2.84 0.00	56.58 3.15 0.00	69.09 3.35 0.00	74.19 3.26 0.00	81.05 3.27 0.00	67.37 2.47 0.00	58.69 2.20 0.00	50.65 2.18 0.00	41.69 1.80 0.00
WARRENSBURG____ 23737	35.79 2.12 0.00	33.67 2.11 0.00	30.38 1.99 0.00	30.35 1.96 0.00	30.58 2.00 0.00	34.31 1.97 0.00	35.50 1.98 0.00	35.07 1.73 0.00	34.09 1.41 0.00	32.80 1.20 0.00	32.84 0.20 0.00	35.78 0.60 0.00	37.64 0.63 0.00	42.42 0.87 0.00	47.07 1.10 0.00	48.14 0.85 0.00	54.61 1.18 0.00	67.12 1.38 0.00	72.70 1.77 0.00	79.73 1.94 0.00	66.92 2.01 0.00	58.24 1.75 0.00	50.12 1.65 0.00	41.29 1.40 0.00

WATERSIDE___6 8 9 23538	35.45 1.78 0.00	33.42 1.86 -0.01	30.12 1.73 0.00	30.07 1.68 0.00	30.18 1.60 0.00	33.60 1.26 0.00	35.04 1.51 0.00	35.14 1.80 0.00	34.68 1.99 0.00	33.59 1.99 0.00	34.83 2.19 0.00	37.46 2.29 0.00	39.60 2.59 0.00	44.49 2.95 0.00	49.28 3.31 0.00	50.93 3.64 0.00	57.49 4.06 0.00	69.55 3.81 0.00	74.40 3.48 0.00	81.05 3.27 0.00	67.24 2.34 0.00	58.86 2.37 0.00	50.99 2.52 0.00	42.01 2.11 0.00
WATKINRD_115KV_LN8_ILLION 55919	33.84 0.17 0.00	31.78 0.22 0.00	28.62 0.23 0.00	28.62 0.23 0.00	28.81 0.23 0.00	32.50 0.16 0.00	33.66 0.13 0.00	33.47 0.13 0.00	32.78 0.10 0.00	31.66 0.06 0.00	32.71 0.07 0.00	35.28 0.11 0.00	37.12 0.11 0.00	41.67 0.12 0.00	46.15 0.18 0.00	47.43 0.14 0.00	53.59 0.16 0.00	66.00 0.26 0.00	71.21 0.28 0.00	78.17 0.39 0.00	65.30 0.39 0.00	56.77 0.28 0.00	48.76 0.29 0.00	40.13 0.24 0.00
WDELAWARE___HYD 323627	34.88 1.21 0.00	32.82 1.26 0.00	29.56 1.16 0.00	29.53 1.14 0.00	29.63 1.06 0.00	33.18 0.84 0.00	34.46 0.94 0.00	34.57 1.23 0.00	33.96 1.27 0.00	32.61 1.01 0.00	33.72 1.08 0.00	36.27 1.09 0.00	38.27 1.26 0.00	43.21 1.66 0.00	48.04 2.07 0.00	49.60 2.32 0.00	56.31 2.88 0.00	69.02 3.29 0.00	74.33 3.40 0.00	81.20 3.42 0.00	67.63 2.73 0.00	58.69 2.20 0.00	50.46 1.99 0.00	41.49 1.60 0.00
WEST BABYLON___IC 23714	37.49 2.56 -1.26	34.86 2.34 -0.97	31.18 2.24 -0.54	30.49 2.10 0.00	30.55 1.97 0.00	34.18 1.84 0.00	35.87 2.35 0.00	35.97 2.63 0.00	35.10 2.42 0.00	33.72 2.12 0.00	35.26 2.61 0.00	37.99 2.81 0.00	40.42 3.41 0.00	45.28 3.74 0.00	50.20 4.23 0.00	52.35 5.06 0.00	57.00 3.58 0.01	69.28 3.55 0.01	74.33 3.40 0.01	81.04 3.27 0.01	67.30 2.40 0.01	58.63 2.15 0.01	52.54 4.07 0.00	43.01 3.11 0.00
WEST CANADA___HYD 24049	33.77 0.10 0.00	31.71 0.16 0.00	28.53 0.14 0.00	28.53 0.14 0.00	28.72 0.14 0.00	32.40 0.06 0.00	33.56 0.03 0.00	33.37 0.03 0.00	32.68 0.00 0.00	31.57 -0.03 0.00	32.61 -0.03 0.00	35.18 0.00 0.00	37.01 0.00 0.00	41.55 0.00 0.00	45.97 0.00 0.00	47.29 0.00 0.00	53.43 0.00 0.00	65.74 0.00 0.00	70.86 -0.07 0.00	77.71 -0.08 0.00	64.91 0.00 0.00	56.49 0.00 0.00	48.52 0.05 0.00	39.93 0.04 0.00
WESTERN_NY_WIND 24143	31.11 -2.56 0.00	26.81 -2.43 2.32	23.53 -2.24 2.62	22.82 -2.13 3.44	23.65 -2.14 2.78	24.49 -2.36 5.49	25.97 -2.18 5.38	30.28 -2.77 0.28	30.29 -2.39 0.01	29.45 -2.15 0.00	30.42 -2.22 0.00	32.93 -2.25 0.00	34.61 -2.41 0.00	39.01 -2.53 0.00	43.25 -2.71 0.00	45.01 -2.27 0.01	50.71 -2.62 0.10	59.36 -1.51 4.87	66.73 -0.92 3.28	69.98 -0.70 7.10	59.07 -1.43 4.40	50.70 -1.75 4.04	43.79 -2.47 2.21	37.45 -2.43 0.01
WESTOVER___LESR 323668	33.60 -0.07 0.00	32.30 0.09 -0.65	29.21 0.09 -0.73	29.44 0.09 -0.96	29.44 0.09 -0.78	33.87 -0.03 -1.56	35.03 -0.03 -1.53	33.24 -0.10 0.00	32.49 -0.20 0.00	31.38 -0.22 0.00	32.45 -0.20 0.00	35.00 -0.18 0.00	36.83 -0.19 0.00	41.91 -0.17 -0.53	46.33 -0.09 -0.46	48.00 0.14 -0.57	54.43 0.32 -0.68	67.57 0.99 -0.84	73.66 1.13 -1.60	82.11 1.32 -3.00	67.36 0.97 -1.48	58.56 0.73 -1.33	49.83 0.29 -1.07	40.27 0.16 -0.22
WETHRSFD_WT_PWR 323626	31.11 -2.56 0.00	16.67 -2.40 12.49	12.07 -2.21 14.10	7.68 -2.19 18.53	11.41 -2.20 14.96	4.54 -2.36 25.43	6.36 -2.25 24.92	29.18 -2.67 1.48	29.98 -2.65 0.06	29.83 -1.77 0.00	31.04 -1.60 0.00	33.24 -1.93 0.00	34.57 -2.44 0.00	38.85 -2.70 0.00	43.07 -2.89 0.00	45.03 -2.22 0.03	50.40 -2.46 0.57	35.42 -1.84 28.47	55.04 -1.35 14.54	45.16 -1.09 31.54	44.01 -1.37 19.53	37.46 -1.64 17.39	35.98 -2.28 10.21	37.51 -2.31 0.07
WHAVSTOR_138KV_BK127 55557	35.15 1.48 0.00	33.04 1.48 0.00	29.78 1.39 0.00	29.73 1.33 0.00	29.86 1.29 0.00	33.37 1.03 0.00	34.73 1.21 0.00	34.80 1.47 0.00	34.22 1.54 0.00	33.09 1.49 0.00	34.31 1.66 0.00	36.94 1.76 0.00	39.05 2.04 0.00	43.83 2.28 0.00	48.54 2.57 0.00	50.12 2.84 0.00	56.48 3.05 0.00	68.76 3.02 0.00	73.70 2.77 0.00	80.43 2.64 0.00	66.85 1.95 0.00	58.24 1.75 0.00	50.41 1.94 0.00	41.53 1.64 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	35.15 1.48 0.00	33.04 1.48 0.00	29.78 1.39 0.00	29.73 1.33 0.00	29.86 1.29 0.00	33.37 1.03 0.00	34.73 1.21 0.00	34.80 1.47 0.00	34.22 1.54 0.00	33.09 1.49 0.00	34.31 1.66 0.00	36.94 1.76 0.00	39.05 2.04 0.00	43.83 2.28 0.00	48.54 2.57 0.00	50.12 2.84 0.00	56.48 3.05 0.00	68.76 3.02 0.00	73.70 2.77 0.00	80.43 2.64 0.00	66.85 1.95 0.00	58.24 1.75 0.00	50.41 1.94 0.00	41.53 1.64 0.00
WHITEHAL_115KV_TB1 80871	36.43 2.76 0.00	34.27 2.71 0.00	30.95 2.56 0.00	30.92 2.53 0.00	31.15 2.57 0.00	34.92 2.59 0.00	36.11 2.58 0.00	35.60 2.27 0.00	34.48 1.80 0.00	33.12 1.52 0.00	33.23 0.59 0.00	36.30 1.13 0.00	38.20 1.18 0.00	43.08 1.54 0.00	47.76 1.79 0.00	48.80 1.51 0.00	55.51 2.08 0.00	68.43 2.70 0.00	74.48 3.55 0.00	81.98 4.20 0.00	68.87 3.96 0.00	59.88 3.39 0.00	51.33 2.86 0.00	42.25 2.35 0.00
WHITEPLN_13_KV_LOAD 356215	35.62 1.95 0.00	33.48 1.92 0.00	30.18 1.79 0.00	30.15 1.76 0.00	30.26 1.69 0.00	33.82 1.49 0.00	35.17 1.64 0.00	35.27 1.93 0.00	34.68 1.99 0.00	33.50 1.90 0.00	34.73 2.09 0.00	37.39 2.22 0.00	39.56 2.55 0.00	44.45 2.91 0.00	49.32 3.36 0.00	50.93 3.64 0.00	57.49 4.06 0.00	70.08 4.34 0.00	75.18 4.26 0.00	82.14 4.36 0.00	68.09 3.18 0.00	59.25 2.77 0.00	51.23 2.76 0.00	42.13 2.23 0.00
WM_FLOYD_69_KV_BK2 356380	46.53 2.53 -10.34	41.76 2.27 -7.93	35.05 2.21 -4.45	30.44 2.04 0.00	30.49 1.91 0.00	34.12 1.78 0.00	35.81 2.28 0.00	35.90 2.57 0.00	34.97 2.29 0.00	33.53 1.93 0.00	35.09 2.45 0.00	37.82 2.64 0.00	40.19 3.18 0.00	44.83 3.28 0.00	49.55 3.59 0.00	51.83 4.54 0.00	55.99 2.56 0.01	67.76 2.04 0.02	72.84 1.92 0.01	79.32 1.56 0.02	65.87 0.97 0.01	57.50 1.02 0.01	52.34 3.88 0.00	42.85 2.95 0.00
WOODARD___115KV_TB2 355635	33.13 -0.54 0.00	31.02 -0.54 0.00	27.91 -0.48 0.00	27.91 -0.48 0.00	28.09 -0.49 0.00	31.82 -0.52 0.00	32.99 -0.54 0.00	32.80 -0.53 0.00	32.19 -0.49 0.00	31.13 -0.47 0.00	32.15 -0.49 0.00	34.62 -0.56 0.00	36.34 -0.67 0.00	41.23 -0.71 -0.39	45.56 -0.74 -0.33	47.18 -0.52 -0.41	53.28 -0.64 -0.49	66.06 -0.20 -0.52	71.25 -0.14 -0.46	78.44 0.00 -0.66	64.85 -0.19 -0.14	56.32 -0.28 -0.12	48.20 -0.58 -0.32	39.53 -0.52 -0.15
YORK___WARBASSE 23770	35.70 2.02 -0.01	33.58 2.02 -0.01	30.24 1.85 0.00	30.18 1.79 0.00	30.29 1.71 0.00	33.66 1.33 0.00	35.07 1.54 0.00	35.17 1.83 0.00	34.71 2.03 0.00	33.62 2.02 0.00	34.93 2.29 0.00	37.57 2.39 0.00	39.75 2.74 0.00	44.66 3.12 0.00	49.55 3.59 0.00	51.21 3.92 0.00	57.82 4.38 -0.01	69.75 4.01 0.00	74.48 3.55 0.00	81.13 3.34 0.00	67.31 2.40 0.00	59.32 2.82 -0.01	51.33 2.86 0.00	42.30 2.39 -0.01