

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/12/2024

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	34.46	31.04	29.98	28.32	27.71	29.61	29.78	32.74	35.58	39.81	39.99	42.48	43.30	45.21	48.98	54.76	58.14	62.78	56.41	50.60	46.80	42.68	38.07	34.15
24138	2.96	2.54	2.32	2.17	2.03	2.35	2.36	2.84	3.38	3.85	3.96	4.00	4.33	4.33	4.37	4.66	4.85	4.70	4.13	3.62	3.39	3.16	2.85	2.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	34.53	31.10	30.04	28.35	27.71	29.61	29.78	32.73	35.58	39.81	39.99	42.52	43.30	45.30	49.11	54.86	58.09	62.95	56.51	50.69	46.89	42.84	38.25	34.31
24260	3.02	2.59	2.38	2.20	2.03	2.35	2.36	2.84	3.38	3.85	3.96	4.04	4.33	4.42	4.51	4.76	4.80	4.88	4.23	3.71	3.47	3.32	3.03	2.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	34.53	31.10	30.04	28.35	27.71	29.61	29.78	32.73	35.58	39.81	39.99	42.52	43.30	45.30	49.11	54.86	58.09	62.95	56.51	50.69	46.89	42.84	38.25	34.31
24261	3.02	2.59	2.38	2.20	2.03	2.35	2.36	2.84	3.38	3.85	3.96	4.04	4.33	4.42	4.51	4.76	4.80	4.88	4.23	3.71	3.47	3.32	3.03	2.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	33.68	30.45	29.37	27.85	27.23	28.93	29.15	31.87	34.39	38.40	37.99	40.75	41.31	43.17	47.10	53.06	56.49	61.85	56.25	50.92	47.02	42.60	37.65	33.68
24011	2.17	1.94	1.71	1.70	1.54	1.66	1.73	1.97	2.19	2.45	1.98	2.27	2.34	2.29	2.50	2.96	3.20	3.77	3.97	3.95	3.60	3.08	2.43	2.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	33.80	30.56	29.48	27.93	27.33	29.02	29.26	32.02	34.52	38.58	38.13	40.91	41.43	43.34	47.28	53.26	56.71	62.20	56.61	51.30	47.32	42.88	37.86	33.87
23798	2.30	2.05	1.83	1.78	1.65	1.75	1.84	2.12	2.32	2.62	2.12	2.43	2.46	2.45	2.68	3.16	3.41	4.12	4.34	4.32	3.91	3.36	2.64	2.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	33.68	30.45	29.37	27.85	27.23	28.93	29.15	31.87	34.39	38.40	37.99	40.75	41.31	43.17	47.10	53.06	56.49	61.85	56.25	50.92	47.02	42.60	37.65	33.68
24028	2.17	1.94	1.71	1.70	1.54	1.66	1.73	1.97	2.19	2.45	1.98	2.27	2.34	2.29	2.50	2.96	3.20	3.77	3.97	3.95	3.60	3.08	2.43	2.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	33.43	30.28	29.35	27.77	27.25	28.88	29.01	31.75	34.26	38.26	37.95	40.48	41.07	43.17	47.01	53.00	56.65	61.62	55.52	49.89	46.06	41.81	36.84	33.17
23527	1.92	1.77	1.69	1.62	1.57	1.61	1.59	1.85	2.06	2.30	1.94	2.00	2.10	2.29	2.41	2.90	3.36	3.54	3.24	2.91	2.65	2.29	1.62	1.67
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	32.29	29.25	28.35	26.83	26.27	27.92	28.02	30.61	33.03	36.89	36.77	39.25	39.75	41.66	45.36	51.00	54.31	59.12	53.27	47.97	44.28	40.23	35.85	32.16
24190	0.79	0.74	0.69	0.68	0.59	0.65	0.60	0.72	0.84	0.93	0.76	0.77	0.78	0.78	0.76	0.90	1.01	1.05	0.99	0.99	0.87	0.71	0.63	0.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	30.60	27.91	27.06	25.51	25.17	26.62	26.90	29.49	31.96	35.83	35.76	37.18	38.78	40.54	42.97	50.73	53.97	56.16	50.60	45.76	42.29	38.29	34.30	30.59
355683	-0.91	-0.83	-0.75	-0.65	-0.51	-0.76	-0.66	-0.78	-0.84	-1.08	-1.19	-1.31	-1.40	-1.51	-1.65	-1.80	-1.92	-1.92	-1.67	-1.22	-1.13	-1.23	-0.92	-0.91
	-0.01	-0.23	-0.15	-0.01	0.00	-0.11	-0.14	-0.38	-0.60	-0.95	-0.94	-0.01	-1.21	-1.17	-0.01	-2.43	-2.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	32.86	29.76	28.85	27.30	26.76	28.41	28.46	31.03	33.39	37.25	37.09	39.56	39.90	41.86	45.63	51.30	54.68	59.93	54.16	48.86	45.15	41.02	36.70	32.92
323833	1.35	1.25	1.19	1.15	1.08	1.15	1.04	1.14	1.19	1.29	1.08	1.08	0.93	0.98	1.03	1.20	1.38	1.86	1.88	1.88	1.74	1.50	1.48	1.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	32.83	29.76	28.85	27.30	26.76	28.41	28.46	31.03	33.39	37.25	37.09	39.52	39.90	41.86	45.63	51.30	54.68	59.93	54.11	48.81	45.15	41.02	36.70	32.92
323834	1.32	1.25	1.19	1.15	1.08	1.15	1.04	1.14	1.19	1.29	1.08	1.04	0.93	0.98	1.03	1.20	1.38	1.86	1.83	1.83	1.74	1.50	1.48	1.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	32.29	29.25	28.35	26.83	26.27	27.92	28.02	30.61	33.03	36.89	36.77	39.25	39.75	41.66	45.36	51.00	54.31	59.12	53.27	47.97	44.28	40.23	35.85	32.16
23571	0.79	0.74	0.69	0.68	0.59	0.65	0.60	0.72	0.84	0.93	0.76	0.77	0.78	0.78	0.76	0.90	1.01	1.05	0.99	0.99	0.87	0.71	0.63	0.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	32.29 0.79 0.00	29.25 0.74 0.00	28.35 0.69 0.00	26.83 0.68 0.00	26.27 0.59 0.00	27.92 0.65 0.00	28.02 0.60 0.00	30.61 0.72 0.00	33.03 0.84 0.00	36.89 0.93 0.00	36.77 0.76 0.00	39.25 0.77 0.00	39.75 0.78 0.00	41.66 0.78 0.00	45.36 0.76 0.00	51.00 0.90 0.00	54.31 1.01 0.00	59.12 1.05 0.00	53.27 0.99 0.00	47.97 0.99 0.00	44.28 0.87 0.00	40.23 0.71 0.00	35.85 0.63 0.00	32.16 0.66 0.00
ALBANY___3 23573	32.29 0.79 0.00	29.25 0.74 0.00	28.35 0.69 0.00	26.83 0.68 0.00	26.27 0.59 0.00	27.92 0.65 0.00	28.02 0.60 0.00	30.61 0.72 0.00	33.03 0.84 0.00	36.89 0.93 0.00	36.77 0.76 0.00	39.25 0.77 0.00	39.75 0.78 0.00	41.66 0.78 0.00	45.36 0.76 0.00	51.00 0.90 0.00	54.31 1.01 0.00	59.12 1.05 0.00	53.27 0.99 0.00	47.97 0.99 0.00	44.28 0.87 0.00	40.23 0.71 0.00	35.85 0.63 0.00	32.16 0.66 0.00
ALBANY___4 23574	32.29 0.79 0.00	29.25 0.74 0.00	28.35 0.69 0.00	26.83 0.68 0.00	26.27 0.59 0.00	27.92 0.65 0.00	28.02 0.60 0.00	30.61 0.72 0.00	33.03 0.84 0.00	36.89 0.93 0.00	36.77 0.76 0.00	39.25 0.77 0.00	39.75 0.78 0.00	41.66 0.78 0.00	45.36 0.76 0.00	51.00 0.90 0.00	54.31 1.01 0.00	59.12 1.05 0.00	53.27 0.99 0.00	47.97 0.99 0.00	44.28 0.87 0.00	40.23 0.71 0.00	35.85 0.63 0.00	32.16 0.66 0.00
ALBANY___LFGE 323615	32.70 1.20 0.00	29.59 1.08 0.00	28.68 1.02 0.00	27.15 0.99 0.00	26.61 0.92 0.00	28.22 0.95 0.00	28.35 0.93 0.00	31.00 1.11 0.00	33.45 1.25 0.00	37.40 1.44 0.00	37.24 1.23 0.00	39.79 1.31 0.00	40.30 1.33 0.00	42.23 1.35 0.00	46.03 1.43 0.00	51.70 1.60 0.00	55.05 1.76 0.00	59.99 1.91 0.00	54.06 1.78 0.00	48.67 1.69 0.00	44.89 1.48 0.00	40.78 1.26 0.00	36.31 1.09 0.00	32.57 1.07 0.00
ALCOA_PA_115KV_PL-6C 55860	30.45 -1.07 -0.02	27.91 -0.97 -0.37	27.02 -0.89 -0.25	25.39 -0.78 -0.02	25.25 -0.44 0.00	26.58 -0.87 -0.18	26.85 -0.80 -0.23	29.60 -0.90 -0.61	32.13 -1.03 -0.96	36.19 -1.29 -1.53	36.12 -1.40 -1.52	36.96 -1.54 -0.02	39.29 -1.64 -1.95	40.97 -1.80 -1.88	42.71 -1.92 -0.02	51.92 -2.10 -3.92	55.23 -2.24 -4.17	55.81 -2.26 0.00	50.34 -1.93 0.00	45.57 -1.41 0.00	42.11 -1.30 0.00	38.14 -1.38 0.00	34.13 -1.09 0.00	30.43 -1.07 0.00
ALCOA_RYNLDS___DRP 24188	30.45 -1.07 -0.02	27.91 -0.97 -0.37	27.02 -0.89 -0.25	25.39 -0.78 -0.02	25.25 -0.44 0.00	26.58 -0.87 -0.18	26.85 -0.80 -0.23	29.60 -0.90 -0.61	32.13 -1.03 -0.96	36.19 -1.29 -1.53	36.12 -1.40 -1.52	36.96 -1.54 -0.02	39.29 -1.64 -1.95	40.97 -1.80 -1.88	42.71 -1.92 -0.02	51.92 -2.10 -3.92	55.23 -2.24 -4.17	55.81 -2.26 0.00	50.34 -1.93 0.00	45.57 -1.41 0.00	42.11 -1.30 0.00	38.14 -1.38 0.00	34.13 -1.09 0.00	30.43 -1.07 0.00
ALCOA___DSASP 323711	30.45 -1.07 -0.02	27.91 -0.97 -0.37	27.02 -0.89 -0.25	25.39 -0.78 -0.02	25.09 -0.59 0.00	26.58 -0.87 -0.18	26.85 -0.80 -0.23	29.60 -0.90 -0.61	32.13 -1.03 -0.96	36.19 -1.29 -1.53	36.12 -1.40 -1.52	36.96 -1.54 -0.02	39.29 -1.64 -1.95	40.97 -1.80 -1.88	42.71 -1.92 -0.02	51.87 -2.15 -3.92	55.23 -2.24 -4.17	55.81 -2.27 0.00	50.29 -1.99 0.00	45.52 -1.46 0.00	42.11 -1.30 0.00	38.13 -1.38 0.00	34.13 -1.09 0.00	30.43 -1.07 0.00
ALLEGHENY___COGEN 23514	32.42 0.91 0.00	29.22 0.71 0.00	28.21 0.55 0.00	26.55 0.39 0.00	26.15 0.46 0.00	27.87 0.60 0.00	28.22 0.80 0.00	30.28 0.39 0.00	32.00 -0.19 0.00	35.89 -0.07 0.00	36.55 0.54 0.00	39.37 0.89 0.00	39.67 0.70 0.00	40.39 -0.49 0.00	44.65 0.04 0.00	50.15 0.05 0.00	53.24 -0.05 0.00	58.83 0.75 0.00	53.63 1.36 0.00	48.58 1.60 0.00	45.02 1.61 0.00	41.38 1.86 0.00	37.65 2.43 0.00	33.55 2.05 0.00
ALTAMONT_115KV_TB 2 55880	32.64 1.13 0.00	29.56 1.05 0.00	28.65 1.00 0.00	27.12 0.97 0.00	26.56 0.87 0.00	28.25 0.98 0.00	28.33 0.90 0.00	30.94 1.05 0.00	33.36 1.16 0.00	37.25 1.29 0.00	37.16 1.15 0.00	39.67 1.19 0.00	40.18 1.21 0.00	42.11 1.23 0.00	45.90 1.29 0.00	51.55 1.45 0.00	54.89 1.60 0.00	59.82 1.74 0.00	53.85 1.57 0.00	48.48 1.50 0.00	44.76 1.35 0.00	40.70 1.19 0.00	36.24 1.02 0.00	32.51 1.01 0.00
ALTONA_WT_PWR 323606	31.37 -0.13 0.01	28.28 -0.11 0.11	27.45 -0.14 0.07	25.99 -0.16 0.01	25.51 -0.18 0.00	26.91 -0.30 0.05	27.22 -0.14 0.07	29.62 -0.09 0.18	31.78 -0.13 0.29	35.11 -0.39 0.45	35.20 -0.36 0.45	38.21 -0.27 0.01	37.30 -1.09 0.58	39.14 -1.19 0.56	43.49 -1.11 0.01	47.73 -1.20 1.16	50.19 -1.87 1.24	56.51 -1.57 0.00	51.18 -1.10 0.00	46.98 0.00 0.00	43.29 -0.13 0.00	38.88 -0.63 0.00	35.36 0.14 0.00	31.41 -0.09 0.00
AMERICAN_REF_FUEL 24010	30.02 -1.48 0.00	27.17 -1.34 0.00	26.25 -1.41 0.00	24.74 -1.41 0.00	24.30 -1.39 0.00	25.91 -1.36 0.00	26.21 -1.21 0.00	28.16 -1.73 0.00	30.13 -2.06 0.00	33.98 -1.98 0.00	35.11 -0.90 0.00	38.06 -0.42 0.00	38.35 -0.63 0.00	40.51 -0.37 0.00	44.83 0.22 0.00	50.15 0.05 0.00	52.81 -0.48 0.00	57.79 -0.29 0.00	51.65 -0.62 0.00	45.76 -1.22 0.00	42.07 -1.35 0.00	38.93 -0.59 0.00	34.59 -0.63 0.00	30.97 -0.54 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	31.63 0.13 0.00	28.57 0.06 0.00	27.58 -0.08 0.00	25.92 -0.24 0.00	25.45 -0.23 0.00	27.24 -0.03 0.00	27.67 0.25 0.00	29.89 0.00 0.00	32.04 -0.16 0.00	36.25 0.29 0.00	37.41 1.40 0.00	40.48 2.00 0.00	40.84 1.87 0.00	43.17 2.29 0.00	47.73 3.12 0.00	53.51 3.41 0.00	56.33 3.04 0.00	61.62 3.54 0.00	55.05 2.77 0.00	48.72 1.74 0.00	44.80 1.39 0.00	41.38 1.86 0.00	36.59 1.37 0.00	32.60 1.10 0.00
ARTHUR KILL_GT_1 23520	34.47 2.96 -0.01	31.08 2.57 -0.01	30.02 2.35 -0.01	28.33 2.17 -0.01	27.70 2.00 -0.01	29.62 2.35 -0.01	29.61 2.19 0.00	32.49 2.60 0.00	35.38 3.19 0.01	39.91 3.67 -0.28	40.27 3.82 -0.44	41.79 3.81 0.50	41.79 4.13 1.31	43.16 4.25 1.97	43.10 4.33 5.83	43.14 4.41 11.37	43.33 4.53 14.49	43.27 4.24 19.05	43.06 3.81 13.03	41.83 3.43 8.57	41.41 3.26 5.26	41.39 3.24 1.37	40.27 2.99 -2.06	39.90 2.74 -5.65
ARTHUR_KILL_2 23512	34.35 2.84 -0.01	30.97 2.45 -0.01	29.91 2.24 -0.01	28.23 2.07 -0.01	27.62 1.93 -0.01	29.51 2.24 -0.01	29.50 2.08 0.00	32.37 2.48 0.00	35.25 3.06 0.01	39.77 3.53 -0.28	40.13 3.67 -0.44	41.60 3.62 0.50	41.60 3.93 1.31	42.96 4.05 1.97	42.83 4.06 5.83	42.84 4.11 11.37	43.01 4.21 14.49	42.98 3.95 19.05	42.80 3.56 13.03	41.60 3.20 8.57	41.19 3.04 5.26	41.19 3.04 1.37	40.13 2.85 -2.06	39.77 2.61 -5.65
ARTHUR_KILL_3 23513	34.12 2.61 0.00	30.73 2.23 0.00	29.68 2.02 0.00	28.01 1.86 0.00	27.41 1.72 0.00	29.26 1.99 0.00	29.42 2.00 0.00	32.35 2.45 0.00	35.16 2.96 0.00	39.60 3.34 -0.29	39.89 3.42 -0.45	41.34 3.35 0.49	41.30 3.62 1.30	42.60 3.68 1.96	42.48 3.70 5.82	42.60 3.86 11.36	42.81 4.00 14.48	42.81 3.77 19.04	42.60 3.35 13.03	41.33 2.91 8.57	40.90 2.74 5.26	40.84 2.69 1.36	39.81 2.54 -2.05	39.54 2.39 -5.65

ARTHUR_KILL_COGEN 323718	34.47 2.96 -0.01	31.08 2.57 -0.01	30.02 2.35 -0.01	28.33 2.17 -0.01	27.70 2.00 -0.01	29.62 2.35 -0.01	29.61 2.19 0.00	32.49 2.60 0.00	35.38 3.19 0.01	39.91 3.67 -0.28	40.27 3.82 -0.44	41.79 3.81 0.50	41.79 4.13 1.31	43.16 4.25 1.97	43.10 4.33 5.83	43.14 4.41 11.37	43.33 4.53 14.49	43.27 4.24 19.05	43.06 3.81 13.03	41.83 3.43 8.57	41.41 3.26 5.26	41.39 3.24 1.37	40.27 2.99 -2.06	39.90 2.74 -5.65
ASHOKAN____ 23654	34.09 2.58 0.00	30.87 2.36 0.00	29.79 2.13 0.00	28.09 1.94 0.00	27.53 1.85 0.00	29.26 1.99 0.00	29.26 1.84 0.00	31.75 1.85 0.00	34.26 2.06 0.00	38.15 2.19 0.00	38.06 2.05 0.00	40.56 2.08 0.00	41.19 2.22 0.00	43.25 2.37 0.00	47.10 2.50 0.00	52.85 2.75 0.00	56.44 3.14 0.00	61.80 3.72 0.00	55.83 3.56 0.00	50.31 3.34 0.00	46.45 3.04 0.00	42.21 2.69 0.00	37.68 2.46 0.00	33.80 2.30 0.00
ASTORIA_EAST_ENERGY_CC1 323581	34.51 2.99 -0.01	31.14 2.62 -0.01	30.04 2.38 0.00	28.30 2.14 0.00	27.61 1.93 0.00	29.48 2.21 0.00	29.53 2.11 0.00	32.47 2.57 0.00	35.28 3.09 0.01	39.48 3.53 0.01	39.69 3.67 -0.01	42.13 3.66 0.01	42.88 3.90 -0.01	44.84 3.96 0.01	48.52 3.93 0.01	54.05 3.96 0.01	57.33 4.05 0.01	61.67 3.60 0.01	55.62 3.35 0.01	49.98 3.01 0.01	46.32 2.91 0.01	42.44 2.92 0.01	38.08 2.85 -0.01	34.19 2.68 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	34.51 2.99 -0.01	31.14 2.62 -0.01	30.04 2.38 0.00	28.30 2.14 0.00	27.61 1.93 0.00	29.48 2.21 0.00	29.53 2.11 0.00	32.47 2.57 0.00	35.28 3.09 0.01	39.48 3.53 0.01	39.69 3.67 -0.01	42.13 3.66 0.01	42.88 3.90 -0.01	44.84 3.96 0.01	48.52 3.93 0.01	54.05 3.96 0.01	57.33 4.05 0.01	61.67 3.60 0.01	55.62 3.35 0.01	49.98 3.01 0.01	46.32 2.91 0.01	42.44 2.92 0.01	38.08 2.85 -0.01	34.19 2.68 -0.01
ASTORIA_GT2_1 24094	34.50 2.99 -0.01	31.14 2.62 -0.01	30.07 2.41 0.00	28.32 2.17 0.00	27.61 1.93 0.00	29.48 2.21 0.00	29.56 2.14 0.00	32.46 2.57 0.00	35.32 3.12 0.00	39.51 3.56 0.01	39.69 3.67 -0.01	42.18 3.69 0.00	42.92 3.94 -0.01	44.88 4.01 0.01	48.62 4.01 0.00	54.16 4.06 0.00	57.29 4.00 0.00	62.25 4.18 0.01	55.68 3.40 0.00	50.03 3.05 0.00	46.37 2.95 0.00	42.48 2.96 0.00	38.08 2.85 -0.01	34.22 2.71 -0.01
ASTORIA_GT2_2 24095	34.50 2.99 -0.01	31.14 2.62 -0.01	30.07 2.41 0.00	28.32 2.17 0.00	27.61 1.93 0.00	29.48 2.21 0.00	29.56 2.14 0.00	32.46 2.57 0.00	35.32 3.12 0.00	39.51 3.56 0.01	39.69 3.67 -0.01	42.18 3.69 0.00	42.92 3.94 -0.01	44.88 4.01 0.01	48.62 4.01 0.00	54.16 4.06 0.00	57.29 4.00 0.00	62.25 4.18 0.01	55.68 3.40 0.00	50.03 3.05 0.00	46.37 2.95 0.00	42.48 2.96 0.00	38.08 2.85 -0.01	34.22 2.71 -0.01
ASTORIA_GT2_3 24096	34.50 2.99 -0.01	31.14 2.62 -0.01	30.07 2.41 0.00	28.32 2.17 0.00	27.61 1.93 0.00	29.48 2.21 0.00	29.56 2.14 0.00	32.46 2.57 0.00	35.32 3.12 0.00	39.51 3.56 0.01	39.69 3.67 -0.01	42.18 3.69 0.00	42.92 3.94 -0.01	44.88 4.01 0.01	48.62 4.01 0.00	54.16 4.06 0.00	57.29 4.00 0.00	62.25 4.18 0.01	55.68 3.40 0.00	50.03 3.05 0.00	46.37 2.95 0.00	42.48 2.96 0.00	38.08 2.85 -0.01	34.22 2.71 -0.01
ASTORIA_GT2_4 24097	34.50 2.99 -0.01	31.14 2.62 -0.01	30.07 2.41 0.00	28.32 2.17 0.00	27.61 1.93 0.00	29.48 2.21 0.00	29.56 2.14 0.00	32.46 2.57 0.00	35.32 3.12 0.00	39.51 3.56 0.01	39.69 3.67 -0.01	42.18 3.69 0.00	42.92 3.94 -0.01	44.88 4.01 0.01	48.62 4.01 0.00	54.16 4.06 0.00	57.29 4.00 0.00	62.25 4.18 0.01	55.68 3.40 0.00	50.03 3.05 0.00	46.37 2.95 0.00	42.48 2.96 0.00	38.08 2.85 -0.01	34.22 2.71 -0.01
ASTORIA_GT3_1 24098	34.50 2.99 -0.01	31.14 2.62 -0.01	30.07 2.41 0.00	28.32 2.17 0.00	27.61 1.93 0.00	29.48 2.21 0.00	29.56 2.14 0.00	32.46 2.57 0.00	35.32 3.12 0.00	39.51 3.56 0.01	39.69 3.67 -0.01	42.18 3.69 0.00	42.92 3.94 -0.01	44.88 4.01 0.01	48.62 4.01 0.00	54.16 4.06 0.00	57.29 4.00 0.00	62.25 4.18 0.01	55.68 3.40 0.00	50.03 3.05 0.00	46.37 2.95 0.00	42.48 2.96 0.00	38.08 2.85 -0.01	34.22 2.71 -0.01
ASTORIA_GT3_2 24099	34.50 2.99 -0.01	31.14 2.62 -0.01	30.07 2.41 0.00	28.32 2.17 0.00	27.61 1.93 0.00	29.48 2.21 0.00	29.56 2.14 0.00	32.46 2.57 0.00	35.32 3.12 0.00	39.51 3.56 0.01	39.69 3.67 -0.01	42.18 3.69 0.00	42.92 3.94 -0.01	44.88 4.01 0.01	48.62 4.01 0.00	54.16 4.06 0.00	57.29 4.00 0.00	62.25 4.18 0.01	55.68 3.40 0.00	50.03 3.05 0.00	46.37 2.95 0.00	42.48 2.96 0.00	38.08 2.85 -0.01	34.22 2.71 -0.01
ASTORIA_GT3_3 24100	34.50 2.99 -0.01	31.14 2.62 -0.01	30.07 2.41 0.00	28.32 2.17 0.00	27.61 1.93 0.00	29.48 2.21 0.00	29.56 2.14 0.00	32.46 2.57 0.00	35.32 3.12 0.00	39.51 3.56 0.01	39.69 3.67 -0.01	42.18 3.69 0.00	42.92 3.94 -0.01	44.88 4.01 0.01	48.62 4.01 0.00	54.16 4.06 0.00	57.29 4.00 0.00	62.25 4.18 0.01	55.68 3.40 0.00	50.03 3.05 0.00	46.37 2.95 0.00	42.48 2.96 0.00	38.08 2.85 -0.01	34.22 2.71 -0.01
ASTORIA_GT3_4 24101	34.50 2.99 -0.01	31.14 2.62 -0.01	30.07 2.41 0.00	28.32 2.17 0.00	27.61 1.93 0.00	29.48 2.21 0.00	29.56 2.14 0.00	32.46 2.57 0.00	35.32 3.12 0.00	39.51 3.56 0.01	39.69 3.67 -0.01	42.18 3.69 0.00	42.92 3.94 -0.01	44.88 4.01 0.01	48.62 4.01 0.00	54.16 4.06 0.00	57.29 4.00 0.00	62.25 4.18 0.01	55.68 3.40 0.00	50.03 3.05 0.00	46.37 2.95 0.00	42.48 2.96 0.00	38.08 2.85 -0.01	34.22 2.71 -0.01
ASTORIA_GT4_1 24102	34.50 2.99 -0.01	31.14 2.62 -0.01	30.07 2.41 0.00	28.32 2.17 0.00	27.61 1.93 0.00	29.48 2.21 0.00	29.56 2.14 0.00	32.46 2.57 0.00	35.32 3.12 0.00	39.51 3.56 0.01	39.69 3.67 -0.01	42.18 3.69 0.00	42.92 3.94 -0.01	44.88 4.01 0.01	48.62 4.01 0.00	54.16 4.06 0.00	57.29 4.00 0.00	62.25 4.18 0.01	55.68 3.40 0.00	50.03 3.05 0.00	46.37 2.95 0.00	42.48 2.96 0.00	38.08 2.85 -0.01	34.22 2.71 -0.01
ASTORIA_GT4_2 24103	34.50 2.99 -0.01	31.14 2.62 -0.01	30.07 2.41 0.00	28.32 2.17 0.00	27.61 1.93 0.00	29.48 2.21 0.00	29.56 2.14 0.00	32.46 2.57 0.00	35.32 3.12 0.00	39.51 3.56 0.01	39.69 3.67 -0.01	42.18 3.69 0.00	42.92 3.94 -0.01	44.88 4.01 0.01	48.62 4.01 0.00	54.16 4.06 0.00	57.29 4.00 0.00	62.25 4.18 0.01	55.68 3.40 0.00	50.03 3.05 0.00	46.37 2.95 0.00	42.48 2.96 0.00	38.08 2.85 -0.01	34.22 2.71 -0.01
ASTORIA_GT4_3 24104	34.50 2.99 -0.01	31.14 2.62 -0.01	30.07 2.41 0.00	28.32 2.17 0.00	27.61 1.93 0.00	29.48 2.21 0.00	29.56 2.14 0.00	32.46 2.57 0.00	35.32 3.12 0.00	39.51 3.56 0.01	39.69 3.67 -0.01	42.18 3.69 0.00	42.92 3.94 -0.01	44.88 4.01 0.01	48.62 4.01 0.00	54.16 4.06 0.00	57.29 4.00 0.00	62.25 4.18 0.01	55.68 3.40 0.00	50.03 3.05 0.00	46.37 2.95 0.00	42.48 2.96 0.00	38.08 2.85 -0.01	34.22 2.71 -0.01

ASTORIA_GT4_4 24105	34.50 2.99 -0.01	31.14 2.62 -0.01	30.07 2.41 0.00	28.32 2.17 0.00	27.61 1.93 0.00	29.48 2.21 0.00	29.56 2.14 0.00	32.46 2.57 0.00	35.32 3.12 0.00	39.51 3.56 0.01	39.69 3.67 -0.01	42.18 3.69 0.00	42.92 3.94 -0.01	44.88 4.01 0.01	48.62 4.01 0.00	54.16 4.06 0.00	57.29 4.00 0.00	62.25 4.18 0.01	55.68 3.40 0.00	50.03 3.05 0.00	46.37 2.95 0.00	42.48 2.96 0.00	38.08 2.85 -0.01	34.22 2.71 -0.01
ASTORIA_GT_1 23523	34.60 3.09 -0.01	31.19 2.68 -0.01	30.12 2.46 0.00	28.37 2.22 0.00	27.69 2.00 0.00	29.53 2.26 0.00	29.61 2.19 0.00	32.55 2.66 0.00	35.41 3.22 0.01	39.58 3.63 0.01	39.80 3.78 -0.01	42.25 3.77 0.01	43.03 4.05 -0.01	45.00 4.13 0.01	48.70 4.10 0.01	54.25 4.16 0.01	57.49 4.21 0.01	61.90 3.83 0.01	55.83 3.56 0.01	50.17 3.20 0.01	46.45 3.04 0.01	42.55 3.04 0.01	38.19 2.96 -0.01	34.28 2.77 -0.01
ASTORIA_GT_10 24110	34.41 2.90 -0.01	31.02 2.51 -0.01	29.93 2.27 0.00	28.25 2.09 0.00	27.58 1.90 0.00	29.48 2.21 0.00	29.59 2.17 0.00	32.52 2.63 0.00	35.38 3.19 0.00	41.55 3.63 -1.96	41.55 3.75 -1.79	42.25 3.77 0.00	47.23 4.01 -4.25	48.76 4.09 -3.79	48.71 4.10 0.00	54.26 4.16 0.00	57.40 4.10 0.00	62.19 4.12 0.01	55.83 3.55 0.00	50.17 3.19 0.00	46.45 3.04 0.00	42.56 3.04 0.00	38.08 2.85 -0.01	34.19 2.68 -0.01
ASTORIA_GT_11 24225	34.41 2.90 -0.01	31.02 2.51 -0.01	29.93 2.27 0.00	28.25 2.09 0.00	27.58 1.90 0.00	29.48 2.21 0.00	29.59 2.17 0.00	32.52 2.63 0.00	35.38 3.19 0.00	41.55 3.63 -1.96	41.55 3.75 -1.79	42.25 3.77 0.00	47.23 4.01 -4.25	48.76 4.09 -3.79	48.71 4.10 0.00	54.26 4.16 0.00	57.40 4.10 0.00	62.19 4.12 0.01	55.83 3.55 0.00	50.17 3.19 0.00	46.45 3.04 0.00	42.56 3.04 0.00	38.08 2.85 -0.01	34.19 2.68 -0.01
ASTORIA_GT_12 24226	34.41 2.90 -0.01	31.02 2.51 -0.01	29.93 2.27 0.00	28.25 2.09 0.00	27.58 1.90 0.00	29.48 2.21 0.00	29.59 2.17 0.00	32.52 2.63 0.00	35.38 3.19 0.00	41.55 3.63 -1.96	41.55 3.75 -1.79	42.25 3.77 0.00	47.23 4.01 -4.25	48.76 4.09 -3.79	48.71 4.10 0.00	54.26 4.16 0.00	57.40 4.10 0.00	62.19 4.12 0.01	55.83 3.55 0.00	50.17 3.19 0.00	46.45 3.04 0.00	42.56 3.04 0.00	38.08 2.85 -0.01	34.19 2.68 -0.01
ASTORIA_GT_13 24227	34.41 2.90 -0.01	31.02 2.51 -0.01	29.93 2.27 0.00	28.25 2.09 0.00	27.58 1.90 0.00	29.48 2.21 0.00	29.59 2.17 0.00	32.52 2.63 0.00	35.38 3.19 0.00	41.55 3.63 -1.96	41.55 3.75 -1.79	42.25 3.77 0.00	47.23 4.01 -4.25	48.76 4.09 -3.79	48.71 4.10 0.00	54.26 4.16 0.00	57.40 4.10 0.00	62.19 4.12 0.01	55.83 3.55 0.00	50.17 3.19 0.00	46.45 3.04 0.00	42.56 3.04 0.00	38.08 2.85 -0.01	34.19 2.68 -0.01
ASTORIA_GT_5 24106	34.60 3.09 -0.01	31.20 2.68 -0.01	30.12 2.46 0.00	28.38 2.22 0.00	27.66 1.98 0.00	29.53 2.26 0.00	29.61 2.19 0.00	32.55 2.66 0.00	35.42 3.22 0.00	39.58 3.63 0.01	39.80 3.78 -0.01	42.29 3.81 0.00	43.07 4.09 -0.01	45.00 4.13 0.01	48.75 4.15 0.00	54.31 4.21 0.00	57.45 4.16 0.00	62.42 4.36 0.01	55.83 3.55 0.00	50.17 3.19 0.00	46.45 3.04 0.00	42.56 3.04 0.00	38.18 2.96 -0.01	34.28 2.77 -0.01
ASTORIA_GT_7 24107	34.60 3.09 -0.01	31.20 2.68 -0.01	30.12 2.46 0.00	28.38 2.22 0.00	27.66 1.98 0.00	29.53 2.26 0.00	29.61 2.19 0.00	32.55 2.66 0.00	35.42 3.22 0.00	39.58 3.63 0.01	39.80 3.78 -0.01	42.29 3.81 0.00	43.07 4.09 -0.01	45.00 4.13 0.01	48.75 4.15 0.00	54.31 4.21 0.00	57.45 4.16 0.00	62.42 4.36 0.01	55.83 3.55 0.00	50.17 3.19 0.00	46.45 3.04 0.00	42.56 3.04 0.00	38.18 2.96 -0.01	34.28 2.77 -0.01
ASTORIA_GT_8 24108	34.60 3.09 -0.01	31.20 2.68 -0.01	30.12 2.46 0.00	28.38 2.22 0.00	27.66 1.98 0.00	29.53 2.26 0.00	29.61 2.19 0.00	32.55 2.66 0.00	35.42 3.22 0.00	39.58 3.63 0.01	39.80 3.78 -0.01	42.29 3.81 0.00	43.07 4.09 -0.01	45.00 4.13 0.01	48.75 4.15 0.00	54.31 4.21 0.00	57.45 4.16 0.00	62.42 4.36 0.01	55.83 3.55 0.00	50.17 3.19 0.00	46.45 3.04 0.00	42.56 3.04 0.00	38.18 2.96 -0.01	34.28 2.77 -0.01
ASTORIA___2 24149	34.51 2.99 -0.01	31.14 2.62 -0.01	30.06 2.41 0.00	28.32 2.17 0.00	27.64 1.95 0.00	29.48 2.21 0.00	29.56 2.14 0.00	32.47 2.57 0.00	35.31 3.12 0.01	39.51 3.56 0.01	39.69 3.67 -0.01	42.13 3.66 0.01	42.91 3.93 -0.01	44.88 4.01 0.01	48.57 3.97 0.01	54.10 4.01 0.01	57.33 4.05 0.01	61.73 3.66 0.01	55.67 3.40 0.01	50.02 3.05 0.01	46.32 2.91 0.01	42.48 2.97 0.01	38.08 2.85 -0.01	34.22 2.71 -0.01
ASTORIA___3 23516	34.41 2.90 -0.01	30.99 2.48 -0.01	29.93 2.27 0.00	28.25 2.09 0.00	27.61 1.93 0.00	29.48 2.21 0.00	29.59 2.17 0.00	32.53 2.63 0.00	35.38 3.19 0.00	41.55 3.63 -1.96	41.55 3.74 -1.79	42.21 3.73 0.00	47.24 4.01 -4.25	48.76 4.09 -3.79	48.71 4.10 0.00	54.21 4.11 0.00	57.50 4.21 0.00	61.96 3.89 0.01	55.78 3.50 0.00	50.13 3.15 0.00	46.45 3.04 0.00	42.56 3.04 0.00	38.08 2.85 -0.01	34.19 2.68 -0.01
ASTORIA___4 23517	34.41 2.90 -0.01	31.02 2.51 -0.01	29.93 2.27 0.00	28.25 2.09 0.00	27.58 1.90 0.00	29.48 2.21 0.00	29.59 2.17 0.00	32.52 2.63 0.00	35.38 3.19 0.00	41.55 3.63 -1.96	41.55 3.75 -1.79	42.25 3.77 0.00	47.23 4.01 -4.25	48.76 4.09 -3.79	48.71 4.10 0.00	54.26 4.16 0.00	57.40 4.10 0.00	62.19 4.12 0.01	55.83 3.55 0.00	50.17 3.19 0.00	46.45 3.04 0.00	42.56 3.04 0.00	38.08 2.85 -0.01	34.19 2.68 -0.01
ASTORIA___5 23518	34.41 2.90 -0.01	30.99 2.48 -0.01	29.93 2.27 0.00	28.25 2.09 0.00	27.61 1.93 0.00	29.48 2.21 0.00	29.59 2.17 0.00	32.53 2.63 0.00	35.38 3.19 0.00	41.55 3.63 -1.96	41.55 3.74 -1.79	42.21 3.73 0.00	47.24 4.01 -4.25	48.76 4.09 -3.79	48.71 4.10 0.00	54.21 4.11 0.00	57.50 4.21 0.00	61.96 3.89 0.01	55.78 3.50 0.00	50.13 3.15 0.00	46.45 3.04 0.00	42.56 3.04 0.00	38.08 2.85 -0.01	34.19 2.68 -0.01
AST_ENERGY_2_CC3 323677	34.18 2.68 0.00	30.82 2.31 0.00	29.76 2.10 0.00	28.09 1.94 0.00	27.48 1.80 0.00	29.34 2.07 0.00	29.50 2.08 0.01	32.40 2.51 0.01	35.21 3.03 0.02	39.36 3.42 0.02	39.54 3.53 0.00	41.97 3.50 0.02	42.79 3.82 0.00	44.71 3.84 0.02	48.47 3.88 0.02	54.14 4.06 0.02	57.49 4.21 0.02	62.12 4.06 0.02	55.87 3.60 0.02	50.11 3.15 0.02	46.31 2.91 0.02	42.35 2.85 0.02	37.82 2.61 0.00	33.96 2.46 0.00
AST_ENERGY_2_CC4 323678	34.18 2.68 0.00	30.82 2.31 0.00	29.76 2.10 0.00	28.09 1.94 0.00	27.48 1.80 0.00	29.34 2.07 0.00	29.50 2.08 0.01	32.40 2.51 0.01	35.21 3.03 0.02	39.36 3.42 0.02	39.54 3.53 0.00	41.97 3.50 0.02	42.79 3.82 0.00	44.71 3.84 0.02	48.47 3.88 0.02	54.14 4.06 0.02	57.49 4.21 0.02	62.12 4.06 0.02	55.87 3.60 0.02	50.11 3.15 0.02	46.31 2.91 0.02	42.35 2.85 0.02	37.82 2.61 0.00	33.96 2.46 0.00

ATHENS_STG_1 23668	32.83 1.32 0.00	29.73 1.23 0.00	28.85 1.19 0.00	27.28 1.12 0.00	26.74 1.05 0.00	28.44 1.17 0.00	28.49 1.07 0.00	31.15 1.26 0.00	33.61 1.42 0.00	37.58 1.62 0.00	37.56 1.55 0.00	40.02 1.54 0.00	40.65 1.67 0.00	42.60 1.72 0.00	46.34 1.74 0.00	52.00 1.90 0.00	55.32 2.02 0.00	60.11 2.03 0.00	54.11 1.83 0.00	48.62 1.64 0.00	44.93 1.52 0.00	40.90 1.38 0.00	36.38 1.16 0.00	32.63 1.13 0.00
ATHENS_STG_2 23670	32.83 1.32 0.00	29.73 1.23 0.00	28.85 1.19 0.00	27.28 1.12 0.00	26.74 1.05 0.00	28.44 1.17 0.00	28.49 1.07 0.00	31.15 1.26 0.00	33.61 1.42 0.00	37.58 1.62 0.00	37.56 1.55 0.00	40.02 1.54 0.00	40.65 1.67 0.00	42.60 1.72 0.00	46.34 1.74 0.00	52.00 1.90 0.00	55.32 2.02 0.00	60.11 2.03 0.00	54.11 1.83 0.00	48.62 1.64 0.00	44.93 1.52 0.00	40.90 1.38 0.00	36.38 1.16 0.00	32.63 1.13 0.00
ATHENS_STG_3 23677	32.83 1.32 0.00	29.73 1.23 0.00	28.85 1.19 0.00	27.28 1.12 0.00	26.74 1.05 0.00	28.44 1.17 0.00	28.49 1.07 0.00	31.15 1.26 0.00	33.61 1.42 0.00	37.58 1.62 0.00	37.56 1.55 0.00	40.02 1.54 0.00	40.65 1.67 0.00	42.60 1.72 0.00	46.34 1.74 0.00	52.00 1.90 0.00	55.32 2.02 0.00	60.11 2.03 0.00	54.11 1.83 0.00	48.62 1.64 0.00	44.93 1.52 0.00	40.90 1.38 0.00	36.38 1.16 0.00	32.63 1.13 0.00
AUBURN___LFGE 323710	31.75 0.25 0.00	28.65 0.17 0.03	27.75 0.11 0.02	26.20 0.05 0.00	25.74 0.05 0.00	27.39 0.14 0.02	27.65 0.25 0.02	30.14 0.30 0.05	32.34 0.23 0.08	36.26 0.43 0.13	36.49 0.61 0.13	39.33 0.85 0.00	39.62 0.82 0.17	41.66 0.94 0.16	45.76 1.16 0.00	51.12 1.35 0.33	54.38 1.44 0.36	59.64 1.57 0.00	53.69 1.41 0.00	47.97 0.99 0.00	44.41 1.00 0.00	40.55 1.03 0.00	35.96 0.74 0.00	32.04 0.54 0.00
BABYLON_RES_REC 323704	40.06 2.99 -5.56	39.33 2.65 -8.17	37.47 2.43 -7.37	35.08 2.27 -6.65	33.39 2.16 -5.54	37.33 2.46 -7.61	38.07 2.44 -8.21	39.04 2.90 -6.25	40.02 3.29 -4.54	40.53 3.70 -0.87	45.89 3.60 -6.28	49.32 3.69 -7.14	48.54 3.82 -5.75	50.68 3.68 -6.12	54.43 3.79 -6.04	60.03 3.96 -5.98	67.54 4.21 -10.04	77.66 4.18 -15.40	63.20 3.60 -7.32	56.01 3.10 -5.93	52.25 2.82 -6.01	48.53 3.20 -5.82	43.47 2.85 -5.40	36.94 3.09 -2.35
BABYLON__69_KV_BK2 356345	40.80 3.75 -5.55	39.98 3.31 -8.16	38.09 3.07 -7.36	35.65 2.85 -6.64	33.92 2.70 -5.54	37.93 3.05 -7.60	38.66 3.04 -8.20	39.72 3.59 -6.24	40.73 3.99 -4.54	41.44 4.49 -0.99	57.40 4.54 -16.85	62.42 4.73 -19.20	61.63 4.87 -17.79	64.59 4.74 -18.97	68.28 4.95 -18.72	73.99 5.36 -18.53	90.02 5.60 -31.13	111.61 5.81 -47.73	80.03 5.07 -22.68	69.72 4.37 -18.37	66.09 4.04 -18.64	61.64 4.15 -17.98	53.84 3.70 -14.93	38.14 3.59 -3.05
BALL_HILL_WT_PWR 323825	31.03 -0.47 0.00	28.05 -0.46 0.00	27.08 -0.58 0.00	25.50 -0.65 0.00	25.04 -0.64 0.00	26.75 -0.52 0.00	27.15 -0.27 0.00	29.24 -0.66 0.00	31.29 -0.90 0.00	35.38 -0.58 0.00	36.51 0.50 0.00	39.56 1.08 0.00	39.87 0.90 0.00	42.15 1.27 0.00	46.57 1.96 0.00	52.25 2.15 0.00	55.05 1.76 0.00	60.23 2.15 0.00	53.84 1.57 0.00	47.64 0.66 0.00	43.85 0.43 0.00	40.47 0.95 0.00	35.85 0.63 0.00	32.00 0.50 0.00
BARON_WINDS___WT_PWR 323822	31.41 -0.09 0.00	28.42 -0.09 0.00	27.47 -0.19 0.00	25.87 -0.29 0.00	25.43 -0.26 0.00	27.16 -0.11 0.00	27.48 0.05 0.00	29.72 -0.18 0.00	31.81 -0.38 0.00	35.85 -0.11 0.00	36.62 0.61 0.00	39.52 1.04 0.00	39.90 0.93 0.00	41.99 1.10 0.00	46.26 1.65 0.00	51.95 1.85 0.00	55.00 1.70 0.00	60.11 2.03 0.00	53.95 1.67 0.00	47.92 0.94 0.00	44.24 0.82 0.00	40.62 1.10 0.00	36.06 0.84 0.00	32.13 0.63 0.00
BARRETT_IC_1 23704	40.06 2.99 -5.57	39.30 2.62 -8.17	37.47 2.43 -7.37	35.08 2.27 -6.65	33.39 2.16 -5.54	37.28 2.40 -7.61	38.04 2.41 -8.21	38.92 2.78 -6.25	39.95 3.22 -4.53	40.44 3.67 -0.81	39.58 3.57 0.00	43.50 3.62 -1.40	42.84 3.86 -0.01	44.64 3.76 0.00	48.44 3.84 0.00	54.06 3.96 0.00	57.50 4.21 0.00	62.26 4.18 0.00	55.88 3.60 0.00	50.13 3.15 0.00	46.28 2.86 0.00	42.64 3.12 0.00	38.00 2.78 0.00	36.23 2.77 -1.96
BARRETT_IC_10 23701	40.06 2.99 -5.57	39.30 2.62 -8.17	37.47 2.43 -7.37	35.08 2.27 -6.65	33.39 2.16 -5.54	37.28 2.40 -7.61	38.04 2.41 -8.21	38.92 2.78 -6.25	39.95 3.22 -4.53	40.44 3.67 -0.81	39.58 3.57 0.00	43.50 3.62 -1.40	42.84 3.86 -0.01	44.64 3.76 0.00	48.44 3.84 0.00	54.06 3.96 0.00	57.50 4.21 0.00	62.26 4.18 0.00	55.88 3.60 0.00	50.13 3.15 0.00	46.28 2.86 0.00	42.64 3.12 0.00	38.00 2.78 0.00	36.23 2.77 -1.96
BARRETT_IC_11 23702	40.06 2.99 -5.57	39.30 2.62 -8.17	37.47 2.43 -7.37	35.08 2.27 -6.65	33.39 2.16 -5.54	37.28 2.40 -7.61	38.04 2.41 -8.21	38.92 2.78 -6.25	39.95 3.22 -4.53	40.44 3.67 -0.81	39.58 3.57 0.00	43.50 3.62 -1.40	42.84 3.86 -0.01	44.64 3.76 0.00	48.44 3.84 0.00	54.06 3.96 0.00	57.50 4.21 0.00	62.26 4.18 0.00	55.88 3.60 0.00	50.13 3.15 0.00	46.28 2.86 0.00	42.64 3.12 0.00	38.00 2.78 0.00	36.23 2.77 -1.96
BARRETT_IC_12 23703	40.06 2.99 -5.57	39.30 2.62 -8.17	37.47 2.43 -7.37	35.08 2.27 -6.65	33.39 2.16 -5.54	37.28 2.40 -7.61	38.04 2.41 -8.21	38.92 2.78 -6.25	39.95 3.22 -4.53	40.44 3.67 -0.81	39.58 3.57 0.00	43.50 3.62 -1.40	42.84 3.86 -0.01	44.64 3.76 0.00	48.44 3.84 0.00	54.06 3.96 0.00	57.50 4.21 0.00	62.26 4.18 0.00	55.88 3.60 0.00	50.13 3.15 0.00	46.28 2.86 0.00	42.64 3.12 0.00	38.00 2.78 0.00	36.23 2.77 -1.96
BARRETT_IC_2 23705	40.06 2.99 -5.57	39.30 2.62 -8.17	37.47 2.43 -7.37	35.08 2.27 -6.65	33.39 2.16 -5.54	37.28 2.40 -7.61	38.04 2.41 -8.21	38.92 2.78 -6.25	39.95 3.22 -4.53	40.44 3.67 -0.81	39.58 3.57 0.00	43.50 3.62 -1.40	42.84 3.86 -0.01	44.64 3.76 0.00	48.44 3.84 0.00	54.06 3.96 0.00	57.50 4.21 0.00	62.26 4.18 0.00	55.88 3.60 0.00	50.13 3.15 0.00	46.28 2.86 0.00	42.64 3.12 0.00	38.00 2.78 0.00	36.23 2.77 -1.96
BARRETT_IC_3 23706	40.06 2.99 -5.57	39.30 2.62 -8.17	37.47 2.43 -7.37	35.08 2.27 -6.65	33.39 2.16 -5.54	37.28 2.40 -7.61	38.04 2.41 -8.21	38.92 2.78 -6.25	39.95 3.22 -4.53	40.44 3.67 -0.81	39.58 3.57 0.00	43.50 3.62 -1.40	42.84 3.86 -0.01	44.64 3.76 0.00	48.44 3.84 0.00	54.06 3.96 0.00	57.50 4.21 0.00	62.26 4.18 0.00	55.88 3.60 0.00	50.13 3.15 0.00	46.28 2.86 0.00	42.64 3.12 0.00	38.00 2.78 0.00	36.23 2.77 -1.96
BARRETT_IC_4 23707	40.06 2.99 -5.57	39.30 2.62 -8.17	37.47 2.43 -7.37	35.08 2.27 -6.65	33.39 2.16 -5.54	37.28 2.40 -7.61	38.04 2.41 -8.21	38.92 2.78 -6.25	39.95 3.22 -4.53	40.44 3.67 -0.81	39.58 3.57 0.00	43.50 3.62 -1.40	42.84 3.86 -0.01	44.64 3.76 0.00	48.44 3.84 0.00	54.06 3.96 0.00	57.50 4.21 0.00	62.26 4.18 0.00	55.88 3.60 0.00	50.13 3.15 0.00	46.28 2.86 0.00	42.64 3.12 0.00	38.00 2.78 0.00	36.23 2.77 -1.96

BARRETT_IC_5 23708	40.06 2.99 -5.57	39.30 2.62 -8.17	37.47 2.43 -7.37	35.08 2.27 -6.65	33.39 2.16 -5.54	37.28 2.40 -7.61	38.04 2.41 -8.21	38.92 2.78 -6.25	39.95 3.22 -4.53	40.44 3.67 -0.81	39.58 3.57 0.00	43.50 3.62 -1.40	42.84 3.86 -0.01	44.64 3.76 0.00	48.44 3.84 0.00	54.06 3.96 0.00	57.50 4.21 0.00	62.26 4.18 0.00	55.88 3.60 0.00	50.13 3.15 0.00	46.28 2.86 0.00	42.64 3.12 0.00	38.00 2.78 0.00	36.23 2.77 -1.96
BARRETT_IC_6 23709	40.06 2.99 -5.57	39.30 2.62 -8.17	37.47 2.43 -7.37	35.08 2.27 -6.65	33.39 2.16 -5.54	37.28 2.40 -7.61	38.04 2.41 -8.21	38.92 2.78 -6.25	39.95 3.22 -4.53	40.44 3.67 -0.81	39.58 3.57 0.00	43.50 3.62 -1.40	42.84 3.86 -0.01	44.64 3.76 0.00	48.44 3.84 0.00	54.06 3.96 0.00	57.50 4.21 0.00	62.26 4.18 0.00	55.88 3.60 0.00	50.13 3.15 0.00	46.28 2.86 0.00	42.64 3.12 0.00	38.00 2.78 0.00	36.23 2.77 -1.96
BARRETT_IC_7 23710	40.05 2.99 -5.55	39.29 2.62 -8.16	37.46 2.43 -7.36	35.07 2.28 -6.64	33.33 2.11 -5.54	37.27 2.40 -7.60	38.03 2.41 -8.20	38.91 2.78 -6.24	39.94 3.22 -4.53	40.43 3.67 -0.80	39.58 3.57 0.00	43.49 3.62 -1.39	42.79 3.82 0.00	44.60 3.72 0.00	48.44 3.84 0.00	54.11 4.01 0.00	57.45 4.16 0.00	62.32 4.24 0.00	55.94 3.66 0.00	50.17 3.19 0.00	46.37 2.95 0.00	42.56 3.04 0.00	38.00 2.78 0.00	36.22 2.77 -1.95
BARRETT_IC_8 23711	40.06 2.99 -5.57	39.30 2.62 -8.17	37.47 2.43 -7.37	35.08 2.27 -6.65	33.39 2.16 -5.54	37.28 2.40 -7.61	38.04 2.41 -8.21	38.92 2.78 -6.25	39.95 3.22 -4.53	40.44 3.67 -0.81	39.58 3.57 0.00	43.50 3.62 -1.40	42.84 3.86 -0.01	44.64 3.76 0.00	48.44 3.84 0.00	54.06 3.96 0.00	57.50 4.21 0.00	62.26 4.18 0.00	55.88 3.60 0.00	50.13 3.15 0.00	46.28 2.86 0.00	42.64 3.12 0.00	38.00 2.78 0.00	36.23 2.77 -1.96
BARRETT_IC_9 23700	40.06 2.99 -5.57	39.30 2.62 -8.17	37.47 2.43 -7.37	35.08 2.27 -6.65	33.39 2.16 -5.54	37.28 2.40 -7.61	38.04 2.41 -8.21	38.92 2.78 -6.25	39.95 3.22 -4.53	40.44 3.67 -0.81	39.58 3.57 0.00	43.50 3.62 -1.40	42.84 3.86 -0.01	44.64 3.76 0.00	48.44 3.84 0.00	54.06 3.96 0.00	57.50 4.21 0.00	62.26 4.18 0.00	55.88 3.60 0.00	50.13 3.15 0.00	46.28 2.86 0.00	42.64 3.12 0.00	38.00 2.78 0.00	36.23 2.77 -1.96
BARRETT___1 23545	40.06 2.99 -5.57	39.30 2.62 -8.17	37.47 2.43 -7.37	35.08 2.27 -6.65	33.39 2.16 -5.54	37.28 2.40 -7.61	38.04 2.41 -8.21	38.92 2.78 -6.25	39.95 3.22 -4.53	40.44 3.67 -0.81	39.58 3.57 0.00	43.50 3.62 -1.40	42.84 3.86 -0.01	44.64 3.76 0.00	48.44 3.84 0.00	54.06 3.96 0.00	57.50 4.21 0.00	62.26 4.18 0.00	55.88 3.60 0.00	50.13 3.15 0.00	46.28 2.86 0.00	42.64 3.12 0.00	38.00 2.78 0.00	36.23 2.77 -1.96
BARRETT___2 23546	40.06 2.99 -5.57	39.30 2.62 -8.17	37.47 2.43 -7.37	35.08 2.27 -6.65	33.39 2.16 -5.54	37.28 2.40 -7.61	38.04 2.41 -8.21	38.92 2.78 -6.25	39.95 3.22 -4.53	40.44 3.67 -0.81	39.58 3.57 0.00	43.50 3.62 -1.40	42.84 3.86 -0.01	44.64 3.76 0.00	48.44 3.84 0.00	54.06 3.96 0.00	57.50 4.21 0.00	62.26 4.18 0.00	55.88 3.60 0.00	50.13 3.15 0.00	46.28 2.86 0.00	42.64 3.12 0.00	38.00 2.78 0.00	36.23 2.77 -1.96
BATAVIA__115KV_TB1 55881	31.22 -0.28 0.00	28.17 -0.34 0.00	27.16 -0.50 0.00	25.58 -0.58 0.00	25.20 -0.49 0.00	26.83 -0.44 0.00	27.23 -0.19 0.00	29.48 -0.42 0.00	31.49 -0.71 0.00	35.42 -0.54 0.00	36.48 0.47 0.00	39.41 0.92 0.00	39.75 0.78 0.00	42.11 1.23 0.00	46.52 1.92 0.00	52.00 1.90 0.00	54.94 1.65 0.00	60.28 2.21 0.00	54.00 1.73 0.00	47.97 0.99 0.00	44.15 0.74 0.00	40.86 1.34 0.00	36.10 0.88 0.00	32.29 0.79 0.00
BAYONEEC___CTG1 323682	34.24 2.74 0.00	30.85 2.34 0.00	29.79 2.13 0.00	28.12 1.96 0.00	27.51 1.82 0.00	29.37 2.10 0.00	29.53 2.11 0.00	32.47 2.57 0.00	35.29 3.09 0.00	39.45 3.49 0.00	39.59 3.57 -0.02	42.02 3.54 0.00	42.83 3.86 0.00	44.50 3.89 0.27	42.71 3.93 5.82	43.47 4.11 10.74	43.47 4.27 14.09	43.47 4.12 18.73	43.47 3.60 12.41	50.13 3.15 0.00	46.37 2.95 0.00	42.40 2.88 0.00	37.89 2.68 0.00	34.02 2.52 0.00
BAYONEEC___CTG10 323750	34.24 2.74 0.00	30.85 2.34 0.00	29.79 2.13 0.00	28.12 1.96 0.00	27.51 1.82 0.00	29.37 2.10 0.00	29.53 2.11 0.00	32.47 2.57 0.00	35.29 3.09 0.00	39.45 3.49 0.00	39.59 3.57 -0.02	42.02 3.54 0.00	42.83 3.86 0.00	44.50 3.89 0.27	42.71 3.93 5.82	43.47 4.11 10.74	43.47 4.27 14.09	43.47 4.12 18.73	43.47 3.60 12.41	50.13 3.15 0.00	46.37 2.95 0.00	42.40 2.88 0.00	37.89 2.68 0.00	34.02 2.52 0.00
BAYONEEC___CTG2 323683	34.24 2.74 0.00	30.85 2.34 0.00	29.79 2.13 0.00	28.12 1.96 0.00	27.51 1.82 0.00	29.37 2.10 0.00	29.53 2.11 0.00	32.47 2.57 0.00	35.29 3.09 0.00	39.45 3.49 0.00	39.59 3.57 -0.02	42.02 3.54 0.00	42.83 3.86 0.00	44.50 3.89 0.27	42.71 3.93 5.82	43.47 4.11 10.74	43.47 4.27 14.09	43.47 4.12 18.73	43.47 3.60 12.41	50.13 3.15 0.00	46.37 2.95 0.00	42.40 2.88 0.00	37.89 2.68 0.00	34.02 2.52 0.00
BAYONEEC___CTG3 323684	34.24 2.74 0.00	30.85 2.34 0.00	29.79 2.13 0.00	28.12 1.96 0.00	27.51 1.82 0.00	29.37 2.10 0.00	29.53 2.11 0.00	32.47 2.57 0.00	35.29 3.09 0.00	39.45 3.49 0.00	39.59 3.57 -0.02	42.02 3.54 0.00	42.83 3.86 0.00	44.50 3.89 0.27	42.71 3.93 5.82	43.47 4.11 10.74	43.47 4.27 14.09	43.47 4.12 18.73	43.47 3.60 12.41	50.13 3.15 0.00	46.37 2.95 0.00	42.40 2.88 0.00	37.89 2.68 0.00	34.02 2.52 0.00
BAYONEEC___CTG4 323685	34.24 2.74 0.00	30.85 2.34 0.00	29.79 2.13 0.00	28.12 1.96 0.00	27.51 1.82 0.00	29.37 2.10 0.00	29.53 2.11 0.00	32.47 2.57 0.00	35.29 3.09 0.00	39.45 3.49 0.00	39.59 3.57 -0.02	42.02 3.54 0.00	42.83 3.86 0.00	44.50 3.89 0.27	42.71 3.93 5.82	43.47 4.11 10.74	43.47 4.27 14.09	43.47 4.12 18.73	43.47 3.60 12.41	50.13 3.15 0.00	46.37 2.95 0.00	42.40 2.88 0.00	37.89 2.68 0.00	34.02 2.52 0.00
BAYONEEC___CTG5 323686	34.24 2.74 0.00	30.85 2.34 0.00	29.79 2.13 0.00	28.12 1.96 0.00	27.51 1.82 0.00	29.37 2.10 0.00	29.53 2.11 0.00	32.47 2.57 0.00	35.29 3.09 0.00	39.45 3.49 0.00	39.59 3.57 -0.02	42.02 3.54 0.00	42.83 3.86 0.00	44.50 3.89 0.27	42.71 3.93 5.82	43.47 4.11 10.74	43.47 4.27 14.09	43.47 4.12 18.73	43.47 3.60 12.41	50.13 3.15 0.00	46.37 2.95 0.00	42.40 2.88 0.00	37.89 2.68 0.00	34.02 2.52 0.00
BAYONEEC___CTG6 323687	34.24 2.74 0.00	30.85 2.34 0.00	29.79 2.13 0.00	28.12 1.96 0.00	27.51 1.82 0.00	29.37 2.10 0.00	29.53 2.11 0.00	32.47 2.57 0.00	35.29 3.09 0.00	39.45 3.49 0.00	39.59 3.57 -0.02	42.02 3.54 0.00	42.83 3.86 0.00	44.50 3.89 0.27	42.71 3.93 5.82	43.47 4.11 10.74	43.47 4.27 14.09	43.47 4.12 18.73	43.47 3.60 12.41	50.13 3.15 0.00	46.37 2.95 0.00	42.40 2.88 0.00	37.89 2.68 0.00	34.02 2.52 0.00

BAYONEEC___CTG7 323688	34.24 2.74 0.00	30.85 2.34 0.00	29.79 2.13 0.00	28.12 1.96 0.00	27.51 1.82 0.00	29.37 2.10 0.00	29.53 2.11 0.00	32.47 2.57 0.00	35.29 3.09 0.00	39.45 3.49 0.00	39.59 3.57 -0.02	42.02 3.54 0.00	42.83 3.86 0.00	44.50 3.89 0.27	42.71 3.93 5.82	43.47 4.11 10.74	43.47 4.27 14.09	43.47 4.12 18.73	43.47 3.60 12.41	50.13 3.15 0.00	46.37 2.95 0.00	42.40 2.88 0.00	37.89 2.68 0.00	34.02 2.52 0.00
BAYONEEC___CTG8 323689	34.24 2.74 0.00	30.85 2.34 0.00	29.79 2.13 0.00	28.12 1.96 0.00	27.51 1.82 0.00	29.37 2.10 0.00	29.53 2.11 0.00	32.47 2.57 0.00	35.29 3.09 0.00	39.45 3.49 0.00	39.59 3.57 -0.02	42.02 3.54 0.00	42.83 3.86 0.00	44.50 3.89 0.27	42.71 3.93 5.82	43.47 4.11 10.74	43.47 4.27 14.09	43.47 4.12 18.73	43.47 3.60 12.41	50.13 3.15 0.00	46.37 2.95 0.00	42.40 2.88 0.00	37.89 2.68 0.00	34.02 2.52 0.00
BAYONEEC___CTG9 323749	34.24 2.74 0.00	30.85 2.34 0.00	29.79 2.13 0.00	28.12 1.96 0.00	27.51 1.82 0.00	29.37 2.10 0.00	29.53 2.11 0.00	32.47 2.57 0.00	35.29 3.09 0.00	39.45 3.49 0.00	39.59 3.57 -0.02	42.02 3.54 0.00	42.83 3.86 0.00	44.50 3.89 0.27	42.71 3.93 5.82	43.47 4.11 10.74	43.47 4.27 14.09	43.47 4.12 18.73	43.47 3.60 12.41	50.13 3.15 0.00	46.37 2.95 0.00	42.40 2.88 0.00	37.89 2.68 0.00	34.02 2.52 0.00
BEACON___LESR 323632	32.89 1.38 0.00	29.73 1.23 0.00	28.79 1.13 0.00	27.25 1.10 0.00	26.71 1.03 0.00	28.36 1.09 0.00	28.49 1.07 0.00	31.15 1.26 0.00	33.61 1.42 0.00	37.58 1.62 0.00	37.41 1.40 0.00	39.98 1.50 0.00	40.45 1.48 0.00	42.44 1.55 0.00	46.26 1.65 0.00	52.00 1.90 0.00	55.37 2.08 0.00	60.46 2.38 0.00	54.42 2.14 0.00	49.00 2.02 0.00	45.20 1.78 0.00	41.06 1.54 0.00	36.59 1.37 0.00	32.82 1.32 0.00
BEAVER RIVER___HYD 24048	30.97 -0.51 0.03	27.44 -0.46 0.61	26.70 -0.55 0.41	25.60 -0.52 0.03	25.27 -0.41 0.00	26.50 -0.46 0.31	26.69 -0.36 0.38	28.41 -0.48 1.01	29.98 -0.61 1.60	32.67 -0.76 2.53	32.63 -0.86 2.52	37.57 -0.88 0.03	34.80 -0.94 3.24	36.77 -0.98 3.13	43.46 -1.11 0.03	42.34 -1.25 6.51	45.19 -1.17 6.93	57.14 -0.93 0.00	51.65 -0.62 0.00	46.79 -0.19 0.00	43.37 -0.04 0.00	39.52 0.00 0.00	34.97 -0.24 0.00	31.09 -0.41 0.00
BEEBEE_GT_13 23619	31.13 -0.38 0.00	28.08 -0.43 0.00	27.13 -0.53 0.00	25.55 -0.60 0.00	25.14 -0.54 0.00	26.75 -0.52 0.00	27.09 -0.33 0.00	29.42 -0.48 0.00	31.55 -0.64 0.00	35.49 -0.47 0.00	36.26 0.25 0.00	39.06 0.58 0.00	39.44 0.47 0.00	41.62 0.74 0.00	45.81 1.20 0.00	51.35 1.25 0.00	54.41 1.12 0.00	59.47 1.39 0.00	53.32 1.05 0.00	47.54 0.56 0.00	43.81 0.39 0.00	40.27 0.75 0.00	35.71 0.49 0.00	31.88 0.38 0.00
BENSHRST_27_KV_BENSHRST_1 355998	34.79 3.28 -0.01	31.34 2.82 -0.01	30.27 2.60 -0.01	28.54 2.38 -0.01	27.85 2.16 -0.01	29.79 2.51 -0.01	29.86 2.44 0.00	32.82 2.93 0.00	35.77 3.57 0.00	42.55 4.06 -2.53	52.75 4.25 -12.49	42.79 4.31 0.00	73.58 4.64 -29.97	72.37 4.74 -26.75	70.31 4.86 -20.84	81.77 5.01 -26.66	120.10 5.01 -61.79	70.61 5.11 -7.42	74.20 4.39 -17.53	70.31 3.95 -19.38	47.21 3.73 -0.06	43.25 3.68 -0.06	42.62 3.38 -4.02	45.63 3.09 -11.04
BETHLEHEM___GRP 23843	32.29 0.79 0.00	29.25 0.74 0.00	28.35 0.69 0.00	26.83 0.68 0.00	26.27 0.59 0.00	27.92 0.65 0.00	28.02 0.60 0.00	30.61 0.72 0.00	33.03 0.84 0.00	36.89 0.93 0.00	36.77 0.76 0.00	39.25 0.77 0.00	39.75 0.78 0.00	41.66 0.78 0.00	45.36 0.76 0.00	51.00 0.90 0.00	54.31 1.01 0.00	59.12 1.05 0.00	53.27 0.99 0.00	47.97 0.99 0.00	44.28 0.87 0.00	40.23 0.71 0.00	35.85 0.63 0.00	32.16 0.66 0.00
BETHLEHEM___GS1 323560	32.29 0.79 0.00	29.25 0.74 0.00	28.35 0.69 0.00	26.83 0.68 0.00	26.33 0.64 0.00	27.92 0.65 0.00	28.02 0.60 0.00	30.61 0.72 0.00	33.03 0.84 0.00	36.89 0.93 0.00	36.77 0.76 0.00	39.25 0.77 0.00	39.71 0.74 0.00	41.66 0.77 0.00	45.36 0.76 0.00	50.95 0.85 0.00	54.25 0.96 0.00	59.12 1.05 0.00	53.22 0.94 0.00	47.92 0.94 0.00	44.24 0.82 0.00	40.23 0.71 0.00	35.85 0.63 0.00	32.16 0.66 0.00
BETHLEHEM___GS2 323561	32.29 0.79 0.00	29.25 0.74 0.00	28.35 0.69 0.00	26.83 0.68 0.00	26.33 0.64 0.00	27.92 0.65 0.00	28.02 0.60 0.00	30.61 0.72 0.00	33.03 0.84 0.00	36.89 0.93 0.00	36.77 0.76 0.00	39.25 0.77 0.00	39.71 0.74 0.00	41.66 0.77 0.00	45.36 0.76 0.00	50.95 0.85 0.00	54.25 0.96 0.00	59.12 1.05 0.00	53.22 0.94 0.00	47.92 0.94 0.00	44.24 0.82 0.00	40.23 0.71 0.00	35.85 0.63 0.00	32.16 0.66 0.00
BETHLEHEM___GS3 323562	32.29 0.79 0.00	29.25 0.74 0.00	28.35 0.69 0.00	26.83 0.68 0.00	26.33 0.64 0.00	27.92 0.65 0.00	28.02 0.60 0.00	30.61 0.72 0.00	33.03 0.84 0.00	36.89 0.93 0.00	36.77 0.76 0.00	39.25 0.77 0.00	39.71 0.74 0.00	41.66 0.77 0.00	45.36 0.76 0.00	50.95 0.85 0.00	54.25 0.96 0.00	59.12 1.05 0.00	53.22 0.94 0.00	47.92 0.94 0.00	44.24 0.82 0.00	40.23 0.71 0.00	35.85 0.63 0.00	32.16 0.66 0.00
BETHLEHEM___STEEL 23779	30.87 -0.63 0.00	27.88 -0.63 0.00	26.88 -0.77 0.00	25.32 -0.84 0.00	24.89 -0.80 0.00	26.59 -0.68 0.00	26.95 -0.47 0.00	29.00 -0.90 0.00	31.04 -1.16 0.00	35.10 -0.86 0.00	36.23 0.22 0.00	39.17 0.69 0.00	39.52 0.55 0.00	41.82 0.94 0.00	46.12 1.52 0.00	51.65 1.55 0.00	54.36 1.07 0.00	59.47 1.39 0.00	53.11 0.84 0.00	47.07 0.09 0.00	43.33 -0.09 0.00	40.23 0.71 0.00	35.61 0.39 0.00	31.88 0.38 0.00
BETHLHEM_115KV_TB1 79974	32.39 0.88 0.00	29.31 0.80 0.00	28.43 0.77 0.00	26.89 0.73 0.00	26.35 0.67 0.00	27.98 0.71 0.00	28.08 0.66 0.00	30.67 0.78 0.00	33.10 0.90 0.00	36.97 1.01 0.00	36.87 0.86 0.00	39.37 0.89 0.00	39.83 0.86 0.00	41.74 0.86 0.00	45.50 0.89 0.00	51.10 1.00 0.00	54.41 1.12 0.00	59.30 1.22 0.00	53.38 1.10 0.00	48.06 1.08 0.00	44.37 0.96 0.00	40.31 0.79 0.00	35.92 0.70 0.00	32.23 0.72 0.00
BETHPAGE_CC_5 323564	40.12 3.05 -5.56	39.36 2.68 -8.17	37.52 2.49 -7.37	35.13 2.33 -6.65	33.44 2.21 -5.54	37.36 2.48 -7.61	38.10 2.47 -8.21	39.04 2.90 -6.25	40.11 3.38 -4.54	40.60 3.81 -0.83	43.27 3.78 -3.48	45.41 3.89 -3.04	44.75 4.13 -1.65	46.64 4.01 -1.75	50.48 4.15 -1.72	56.06 4.26 -1.71	60.69 4.53 -2.87	67.00 4.53 -4.40	58.23 3.87 -2.09	52.06 3.38 -1.69	48.17 3.04 -1.72	44.64 3.44 -1.69	40.85 2.92 -2.71	36.52 2.87 -2.15
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	30.91 -0.60 0.00	27.91 -0.60 0.00	26.94 -0.72 0.00	25.34 -0.81 0.00	24.91 -0.77 0.00	26.64 -0.63 0.00	27.01 -0.41 0.00	29.06 -0.84 0.00	31.10 -1.09 0.00	35.17 -0.79 0.00	36.30 0.29 0.00	39.29 0.81 0.00	39.63 0.66 0.00	41.99 1.10 0.00	46.26 1.65 0.00	51.80 1.70 0.00	54.57 1.28 0.00	59.70 1.63 0.00	53.32 1.05 0.00	47.21 0.23 0.00	43.46 0.04 0.00	40.35 0.83 0.00	35.68 0.46 0.00	31.94 0.44 0.00

BINGHAMTON___COGEN 23790	31.85 0.35 0.00	28.82 0.31 0.00	27.91 0.25 0.00	26.34 0.18 0.00	25.86 0.18 0.00	27.57 0.30 0.00	27.78 0.36 0.00	30.19 0.30 0.00	32.45 0.26 0.00	36.39 0.43 0.00	36.77 0.76 0.00	39.44 0.96 0.00	39.91 0.94 0.00	41.95 1.06 0.00	45.90 1.29 0.00	51.60 1.50 0.00	54.84 1.55 0.00	59.76 1.68 0.00	53.74 1.46 0.00	47.97 0.99 0.00	44.37 0.96 0.00	40.59 1.07 0.00	36.03 0.81 0.00	32.13 0.63 0.00
BIXINCNT_115KV_LOAD 355685	30.78 -0.72 0.00	27.82 -0.68 0.00	26.94 -0.72 0.00	25.39 -0.76 0.00	24.96 -0.72 0.00	26.72 -0.55 0.00	27.17 -0.25 0.00	29.24 -0.66 0.00	31.39 -0.80 0.00	35.46 -0.50 0.00	36.59 0.58 0.00	39.56 1.08 0.00	39.91 0.94 0.00	42.27 1.39 0.00	46.48 1.87 0.00	52.10 2.00 0.00	54.89 1.60 0.00	59.99 1.92 0.00	53.64 1.36 0.00	47.35 0.38 0.00	43.55 0.13 0.00	40.43 0.91 0.00	35.78 0.56 0.00	31.97 0.47 0.00
BLACK RIVER___HYD 24047	31.07 -0.41 0.02	27.68 -0.40 0.43	26.85 -0.53 0.28	25.63 -0.50 0.02	25.27 -0.41 0.00	26.62 -0.44 0.21	26.86 -0.30 0.26	28.74 -0.45 0.70	30.44 -0.64 1.12	33.47 -0.72 1.77	33.43 -0.83 1.76	37.65 -0.81 0.02	35.85 -0.86 2.26	37.76 -0.94 2.19	43.51 -1.07 0.02	44.35 -1.20 4.55	47.33 -1.12 4.84	57.32 -0.76 0.00	51.81 -0.47 0.00	47.03 0.05 0.00	43.63 0.22 0.00	39.83 0.31 0.00	35.18 -0.04 0.00	31.22 -0.28 0.00
BLACKRVR_115KV_TB2 79977	31.07 -0.41 0.02	27.68 -0.40 0.43	26.85 -0.53 0.28	25.64 -0.50 0.02	25.30 -0.39 0.00	26.62 -0.44 0.21	26.86 -0.30 0.26	28.74 -0.45 0.70	30.44 -0.64 1.12	33.47 -0.72 1.77	33.42 -0.83 1.76	37.65 -0.81 0.02	35.81 -0.90 2.26	37.76 -0.94 2.19	43.47 -1.12 0.02	44.35 -1.20 4.55	47.33 -1.12 4.84	57.32 -0.75 0.00	51.81 -0.47 0.00	46.98 0.00 0.00	43.63 0.22 0.00	39.83 0.32 0.00	35.18 -0.04 0.00	31.22 -0.28 0.00
BLISS_WT_PWR 323608	30.68 -0.82 0.00	27.77 -0.74 0.00	26.94 -0.72 0.00	25.39 -0.76 0.00	24.97 -0.72 0.00	26.69 -0.57 0.00	27.17 -0.25 0.00	29.24 -0.66 0.00	31.39 -0.80 0.00	35.49 -0.47 0.00	36.58 0.57 0.00	39.68 1.19 0.00	39.98 1.01 0.00	42.31 1.43 0.00	46.79 2.19 0.00	52.46 2.36 0.00	55.32 2.02 0.00	60.46 2.38 0.00	54.00 1.72 0.00	47.73 0.75 0.00	43.76 0.35 0.00	40.31 0.79 0.00	35.75 0.53 0.00	31.94 0.44 0.00
BLUESTONE___WT_PWR 323821	33.58 2.08 0.00	30.39 1.88 0.00	29.35 1.69 0.00	27.70 1.54 0.00	27.25 1.57 0.00	29.07 1.80 0.00	29.40 1.98 0.00	31.84 1.94 0.00	34.13 1.93 0.00	38.23 2.27 0.00	38.39 2.38 0.00	41.33 2.85 0.00	41.81 2.84 0.00	43.99 3.11 0.00	48.17 3.57 0.00	54.11 4.01 0.00	57.66 4.37 0.00	63.13 5.05 0.00	56.88 4.60 0.00	51.06 4.09 0.00	47.28 3.86 0.00	43.19 3.68 0.00	38.14 2.92 0.00	33.93 2.43 0.00
BLUE_CIRC_CHEM_DRP 24182	32.64 1.13 0.00	29.56 1.05 0.00	28.68 1.02 0.00	27.12 0.97 0.00	26.58 0.90 0.00	28.25 0.98 0.00	28.33 0.90 0.00	30.91 1.02 0.00	33.32 1.13 0.00	37.18 1.22 0.00	37.09 1.08 0.00	39.60 1.12 0.00	39.98 1.01 0.00	41.91 1.02 0.00	45.68 1.07 0.00	51.30 1.20 0.00	54.63 1.33 0.00	59.53 1.45 0.00	53.69 1.41 0.00	48.43 1.46 0.00	44.76 1.35 0.00	40.66 1.15 0.00	36.35 1.13 0.00	32.64 1.13 0.00
BOC_GAS_DRP 24189	32.48 0.98 0.00	29.42 0.91 0.00	28.57 0.91 0.00	27.02 0.86 0.00	26.48 0.80 0.00	28.14 0.87 0.00	28.22 0.80 0.00	30.79 0.90 0.00	33.23 1.03 0.00	37.11 1.15 0.00	37.05 1.04 0.00	39.52 1.04 0.00	40.02 1.05 0.00	41.95 1.06 0.00	45.72 1.12 0.00	51.35 1.25 0.00	54.63 1.33 0.00	59.47 1.39 0.00	53.53 1.25 0.00	48.15 1.17 0.00	44.46 1.04 0.00	40.47 0.95 0.00	36.06 0.85 0.00	32.35 0.85 0.00
BOONVILLE_115KV_TB1 79983	32.19 0.69 0.01	28.87 0.60 0.23	28.00 0.50 0.15	26.59 0.44 0.01	26.17 0.49 0.00	27.70 0.55 0.12	27.91 0.63 0.14	30.14 0.63 0.38	32.20 0.61 0.61	35.68 0.68 0.96	35.70 0.65 0.96	39.24 0.77 0.01	38.52 0.78 1.23	40.55 0.86 1.19	45.53 0.94 0.01	48.63 1.00 2.47	51.89 1.23 2.63	59.64 1.57 0.00	53.74 1.46 0.00	48.43 1.46 0.00	44.85 1.43 0.00	40.86 1.34 0.00	36.20 0.99 0.00	32.23 0.72 0.00
BORALEX_4TH_BRANCH 23824	33.43 1.92 0.00	30.28 1.77 0.00	29.35 1.69 0.00	27.77 1.62 0.00	27.20 1.52 0.00	28.88 1.61 0.00	29.01 1.59 0.00	31.75 1.85 0.00	34.26 2.06 0.00	38.26 2.30 0.00	37.96 1.94 0.00	40.48 2.00 0.00	41.08 2.10 0.00	43.17 2.29 0.00	47.06 2.45 0.00	53.06 2.96 0.00	56.60 3.30 0.00	61.62 3.54 0.00	55.52 3.24 0.00	49.89 2.91 0.00	46.11 2.69 0.00	41.81 2.29 0.00	36.84 1.62 0.00	33.17 1.67 0.00
BOWLINE___1 23526	33.58 2.08 0.00	30.36 1.85 0.00	29.35 1.69 0.00	27.72 1.57 0.00	27.20 1.51 0.00	28.99 1.72 0.00	29.09 1.67 0.00	31.87 1.97 0.00	34.48 2.29 0.00	38.58 2.62 0.00	38.68 2.66 0.00	41.17 2.69 0.00	41.90 2.92 0.00	43.87 2.98 0.00	47.64 3.03 0.00	53.35 3.25 0.00	56.75 3.46 0.00	61.50 3.43 0.00	55.31 3.03 0.00	49.51 2.54 0.00	45.80 2.39 0.00	41.77 2.25 0.00	37.19 1.97 0.00	33.36 1.86 0.00
BOWLINE___2 23595	33.61 2.11 0.00	30.39 1.88 0.00	29.37 1.72 0.00	27.75 1.60 0.00	27.20 1.51 0.00	29.02 1.75 0.00	29.12 1.70 0.00	31.90 2.00 0.00	34.55 2.35 0.00	38.66 2.70 0.00	38.75 2.74 0.00	41.21 2.73 0.00	41.97 3.00 0.00	43.95 3.07 0.00	47.73 3.12 0.00	53.46 3.36 0.00	56.86 3.57 0.00	61.62 3.54 0.00	55.41 3.14 0.00	49.61 2.63 0.00	45.85 2.43 0.00	41.85 2.33 0.00	37.26 2.04 0.00	33.42 1.92 0.00
BRADY___115KV_TB2 356060	30.33 -1.07 0.10	25.45 -0.94 2.11	25.37 -0.89 1.40	25.27 -0.78 0.10	25.27 -0.41 0.00	25.34 -0.87 1.05	25.39 -0.74 1.29	25.50 -0.93 3.47	25.63 -1.06 5.51	25.84 -1.40 8.72	25.80 -1.55 8.67	36.68 -1.69 0.10	25.98 -1.83 11.16	28.10 -2.00 10.78	42.36 -2.14 0.10	25.34 -2.35 22.41	27.03 -2.40 23.87	55.69 -2.38 0.00	50.34 -1.93 0.00	45.71 -1.27 0.00	42.29 -1.13 0.00	38.29 -1.23 0.00	34.20 -1.02 0.00	30.43 -1.07 0.00
BRANSCOMB___SOLAR 323811	33.46 1.95 0.00	30.28 1.77 0.00	29.29 1.63 0.00	27.72 1.57 0.00	27.17 1.49 0.00	28.82 1.55 0.00	28.98 1.56 0.00	31.66 1.76 0.00	34.13 1.93 0.00	38.08 2.12 0.00	37.85 1.84 0.00	40.44 1.96 0.00	41.07 2.10 0.00	43.01 2.12 0.00	46.88 2.27 0.00	52.80 2.70 0.00	56.22 2.93 0.00	61.44 3.37 0.00	55.63 3.35 0.00	50.22 3.24 0.00	46.41 2.99 0.00	42.09 2.57 0.00	37.26 2.04 0.00	33.39 1.89 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	40.55 3.50 -5.55	39.84 3.16 -8.16	37.98 2.96 -7.36	35.57 2.77 -6.64	33.84 2.62 -5.54	37.84 2.97 -7.60	38.58 2.96 -8.20	39.60 3.47 -6.24	40.44 3.70 -4.54	41.12 4.17 -0.99	82.89 4.18 -42.70	62.13 4.19 -19.46	61.26 4.25 -18.04	64.21 4.09 -19.24	67.79 4.19 -18.99	73.35 4.46 -18.79	89.51 4.64 -31.58	111.31 4.82 -48.41	79.41 4.13 -23.00	69.19 3.57 -18.64	65.62 3.30 -18.91	61.32 3.52 -18.28	71.52 3.35 -32.96	39.06 3.24 -4.31

BRISTLHL_115KV_TB1 79998	31.03 -0.47 0.00	27.97 -0.48 0.06	27.12 -0.50 0.04	25.65 -0.50 0.00	25.17 -0.51 0.00	26.75 -0.49 0.03	26.95 -0.44 0.03	29.32 -0.48 0.09	31.47 -0.58 0.14	35.19 -0.54 0.23	35.39 -0.40 0.23	38.17 -0.31 0.00	38.29 -0.39 0.29	40.23 -0.37 0.28	44.25 -0.36 0.00	49.16 -0.35 0.59	52.29 -0.37 0.63	57.67 -0.41 0.00	51.91 -0.37 0.00	46.51 -0.47 0.00	43.07 -0.35 0.00	39.28 -0.24 0.00	34.97 -0.25 0.00	31.25 -0.25 0.00
BROOKHAVEN___DRP 24191	40.52 3.47 -5.55	39.72 3.05 -8.16	37.84 2.82 -7.36	35.46 2.67 -6.64	33.74 2.52 -5.54	37.73 2.86 -7.60	38.47 2.85 -8.20	39.51 3.38 -6.24	40.57 3.77 -4.61	41.88 4.24 -1.68	53.04 4.14 -12.89	129.77 4.50 -86.79	128.93 4.68 -85.28	136.32 4.50 -90.94	139.06 4.68 -89.77	143.94 5.01 -88.83	207.78 5.22 -149.27	292.39 5.46 -228.85	165.77 4.76 -108.74	139.16 4.09 -88.10	136.57 3.78 -89.37	129.73 4.03 -86.18	62.93 3.38 -24.33	38.66 3.28 -3.88
BROOKLYN_NAVY_YARD 23515	34.24 2.74 0.00	30.85 2.34 0.00	29.79 2.13 0.00	28.12 1.96 0.00	27.51 1.82 0.00	29.40 2.13 0.00	29.53 2.11 0.00	32.47 2.57 0.00	35.29 3.09 0.00	39.45 3.49 0.00	39.63 3.60 -0.02	42.06 3.58 0.00	42.91 3.93 0.00	44.85 3.96 0.00	48.62 4.02 0.00	54.31 4.21 0.00	57.66 4.37 0.00	62.31 4.24 0.00	55.99 3.71 0.00	50.22 3.24 0.00	46.45 3.04 0.00	42.48 2.97 0.00	37.93 2.71 0.00	34.02 2.52 0.00
BROOKLYN___ARMY_DRP 323595	34.60 3.09 -0.01	31.20 2.68 -0.01	30.10 2.43 -0.01	28.38 2.22 -0.01	27.75 2.05 -0.01	29.65 2.37 -0.01	29.72 2.30 0.00	32.64 2.75 0.00	35.58 3.38 0.00	42.34 3.85 -2.53	52.50 4.00 -12.49	42.52 4.04 0.00	73.27 4.33 -29.97	72.05 4.42 -26.75	69.96 4.51 -20.84	81.37 4.61 -26.66	119.67 4.58 -61.79	70.14 4.65 -7.42	73.78 3.97 -17.53	69.98 3.62 -19.38	46.90 3.43 -0.06	42.93 3.36 -0.06	42.37 3.13 -4.02	45.41 2.87 -11.04
BROOKVLE_69_KV_TB1 55790	40.46 3.40 -5.55	39.64 2.96 -8.16	37.73 2.71 -7.36	35.31 2.51 -6.64	33.56 2.34 -5.54	37.54 2.67 -7.60	38.28 2.66 -8.20	39.27 3.14 -6.24	40.43 3.70 -4.53	41.00 4.24 -0.80	40.37 4.36 0.00	44.34 4.46 -1.39	43.65 4.68 0.00	45.50 4.62 0.00	49.38 4.77 0.00	55.21 5.11 0.00	58.57 5.28 0.00	63.48 5.40 0.00	56.93 4.65 0.00	51.02 4.04 0.00	47.11 3.69 0.00	43.27 3.75 0.00	38.60 3.38 0.00	36.70 3.24 -1.95
BROOME_2_LFGE 323671	31.85 0.35 0.00	28.82 0.31 0.00	27.91 0.25 0.00	26.36 0.21 0.00	25.87 0.18 0.00	27.57 0.30 0.00	27.78 0.36 0.00	30.19 0.30 0.00	32.45 0.26 0.00	36.39 0.43 0.00	36.77 0.76 0.00	39.44 0.96 0.00	39.95 0.97 0.00	41.94 1.06 0.00	45.94 1.34 0.00	51.65 1.55 0.00	54.89 1.60 0.00	59.88 1.80 0.00	53.79 1.52 0.00	48.06 1.08 0.00	44.41 1.00 0.00	40.54 1.03 0.00	36.03 0.81 0.00	32.13 0.63 0.00
BROOME___LFGE 323600	31.85 0.35 0.00	28.82 0.31 0.00	27.91 0.25 0.00	26.36 0.21 0.00	25.87 0.18 0.00	27.57 0.30 0.00	27.78 0.36 0.00	30.19 0.30 0.00	32.45 0.26 0.00	36.39 0.43 0.00	36.77 0.76 0.00	39.44 0.96 0.00	39.95 0.97 0.00	41.94 1.06 0.00	45.94 1.34 0.00	51.65 1.55 0.00	54.89 1.60 0.00	59.88 1.80 0.00	53.79 1.52 0.00	48.06 1.08 0.00	44.41 1.00 0.00	40.54 1.03 0.00	36.03 0.81 0.00	32.13 0.63 0.00
BROWNFLS_115KV_TB_3_5 80003	30.16 -1.29 0.05	26.21 -1.20 1.10	25.74 -1.19 0.73	25.00 -1.10 0.05	24.84 -0.85 0.00	25.57 -1.15 0.55	25.73 -1.01 0.67	26.92 -1.17 1.81	27.97 -1.35 2.87	29.79 -1.62 4.55	29.73 -1.76 4.52	36.58 -1.85 0.05	31.20 -1.95 5.82	33.18 -2.09 5.62	42.28 -2.27 0.05	35.86 -2.56 11.68	38.24 -2.61 12.44	55.52 -2.56 0.00	50.19 -2.09 0.00	45.48 -1.50 0.00	42.11 -1.30 0.00	38.29 -1.23 0.00	34.02 -1.20 0.00	30.24 -1.26 0.00
BROWNSV1_27_KV_LOAD 356125	34.62 3.12 0.00	31.19 2.68 0.00	30.09 2.43 0.00	28.40 2.25 0.00	27.76 2.08 0.00	29.67 2.40 0.00	29.83 2.41 0.00	32.79 2.90 0.00	35.64 3.44 0.00	39.88 3.92 0.00	40.06 4.03 -0.02	42.60 4.12 0.00	43.41 4.44 0.00	45.38 4.50 0.00	49.20 4.59 0.00	55.01 4.91 0.00	58.25 4.96 0.00	63.13 5.05 0.00	56.67 4.39 0.00	50.88 3.90 0.00	47.02 3.60 0.00	42.96 3.44 0.00	38.35 3.13 0.00	34.40 2.90 0.00
BURROWS___LYONSDAL 23803	31.96 0.47 0.02	28.60 0.40 0.31	27.76 0.30 0.20	26.40 0.26 0.01	26.02 0.33 0.00	27.47 0.35 0.15	27.67 0.44 0.19	29.81 0.42 0.50	31.78 0.39 0.80	35.09 0.40 1.27	35.11 0.36 1.26	38.93 0.46 0.02	37.78 0.43 1.62	39.85 0.53 1.57	45.13 0.54 0.02	47.44 0.60 3.26	50.56 0.75 3.47	59.18 1.10 0.00	53.38 1.10 0.00	48.15 1.17 0.00	44.59 1.17 0.00	40.63 1.11 0.00	35.99 0.77 0.00	32.01 0.50 0.00
CAITHNESS_CC_1 323624	40.47 3.40 -5.56	39.70 3.02 -8.17	37.82 2.79 -7.37	35.44 2.64 -6.65	33.77 2.54 -5.54	37.74 2.86 -7.61	38.45 2.82 -8.21	39.49 3.35 -6.25	40.54 3.73 -4.62	41.81 4.17 -1.68	52.96 4.07 -12.88	129.08 4.31 -86.29	128.32 4.56 -84.79	135.70 4.42 -90.40	138.40 4.55 -89.25	143.22 4.81 -88.31	206.85 5.17 -148.39	290.81 5.23 -227.51	164.92 4.55 -108.10	138.46 3.90 -87.58	135.83 3.56 -88.85	129.16 3.95 -85.69	62.76 3.31 -24.23	38.60 3.21 -3.88
CALPINE BETH_PAGE_GT4 24209	40.14 3.09 -5.55	39.38 2.71 -8.16	37.51 2.49 -7.36	35.10 2.30 -6.64	33.38 2.16 -5.54	37.35 2.48 -7.60	38.09 2.47 -8.20	39.03 2.90 -6.24	40.10 3.38 -4.53	40.62 3.85 -0.82	42.41 3.82 -2.58	45.21 4.08 -2.65	44.36 4.13 -1.26	46.19 3.97 -1.34	49.99 4.06 -1.32	55.72 4.31 -1.31	59.92 4.42 -2.20	65.98 4.53 -3.37	57.80 3.92 -1.60	51.66 3.38 -1.30	47.90 3.17 -1.32	44.13 3.32 -1.29	40.23 2.99 -2.02	36.50 2.90 -2.10
CALPINE_BETH_PAGE_GT_4 323586	40.15 3.09 -5.56	39.39 2.71 -8.17	37.52 2.49 -7.37	35.10 2.30 -6.65	33.44 2.21 -5.54	37.36 2.48 -7.61	38.10 2.47 -8.21	39.04 2.90 -6.25	40.11 3.38 -4.54	40.63 3.85 -0.82	42.41 3.82 -2.58	45.02 3.89 -2.66	44.37 4.13 -1.27	46.23 4.01 -1.34	50.03 4.10 -1.32	55.67 4.26 -1.31	60.02 4.53 -2.20	65.92 4.47 -3.37	57.75 3.87 -1.60	51.61 3.34 -1.30	47.77 3.04 -1.32	44.21 3.40 -1.29	40.20 2.96 -2.02	36.50 2.90 -2.10
CALPINE_BP_GT1 23823	40.15 3.09 -5.56	39.39 2.71 -8.17	37.52 2.49 -7.37	35.10 2.30 -6.65	33.44 2.21 -5.54	37.36 2.48 -7.61	38.10 2.47 -8.21	39.04 2.90 -6.25	40.11 3.38 -4.54	40.63 3.85 -0.82	42.41 3.82 -2.58	45.02 3.89 -2.66	44.37 4.13 -1.27	46.23 4.01 -1.34	50.03 4.10 -1.32	55.67 4.26 -1.31	60.02 4.53 -2.20	65.92 4.47 -3.37	57.75 3.87 -1.60	51.61 3.34 -1.30	47.77 3.04 -1.32	44.21 3.40 -1.29	40.20 2.96 -2.02	36.50 2.90 -2.10
CALSPAN___DRP 24200	30.87 -0.63 0.00	27.88 -0.63 0.00	26.88 -0.77 0.00	25.32 -0.84 0.00	24.89 -0.80 0.00	26.59 -0.68 0.00	26.95 -0.47 0.00	29.00 -0.90 0.00	31.04 -1.16 0.00	35.10 -0.86 0.00	36.23 0.22 0.00	39.17 0.69 0.00	39.52 0.55 0.00	41.82 0.94 0.00	46.12 1.52 0.00	51.65 1.55 0.00	54.36 1.07 0.00	59.47 1.39 0.00	53.11 0.84 0.00	47.07 0.09 0.00	43.33 -0.09 0.00	40.23 0.71 0.00	35.61 0.39 0.00	31.88 0.38 0.00

CALVERTON___SOLAR 323806	40.62 3.56 -5.56	39.81 3.14 -8.17	37.88 2.85 -7.37	35.52 2.72 -6.65	33.82 2.59 -5.54	37.80 2.92 -7.61	38.50 2.88 -8.21	39.58 3.44 -6.25	40.67 4.35 -4.62	42.00 4.28 -1.69	53.18 4.54 -12.89	130.03 4.83 -87.00	129.31 4.70 -85.50	136.74 4.91 -91.16	139.51 5.21 -90.00	144.36 5.59 -89.05	208.52 5.75 -149.64	293.24 4.97 -229.42	166.25 4.32 -109.00	139.61 4.32 -88.32	136.92 3.91 -89.60	130.18 4.27 -86.39	63.11 3.52 -24.37	38.80 3.40 -3.90
CANDIGU_WT_PWR 323617	31.41 -0.09 0.00	28.42 -0.09 0.00	27.47 -0.19 0.00	25.87 -0.29 0.00	25.43 -0.26 0.00	27.16 -0.11 0.00	27.48 0.05 0.00	29.72 -0.18 0.00	31.81 -0.38 0.00	35.85 -0.11 0.00	36.62 0.61 0.00	39.52 1.04 0.00	39.90 0.93 0.00	41.99 1.10 0.00	46.26 1.65 0.00	51.95 1.85 0.00	55.00 1.70 0.00	60.11 2.03 0.00	53.95 1.67 0.00	47.92 0.94 0.00	44.24 0.82 0.00	40.62 1.10 0.00	36.06 0.84 0.00	32.13 0.63 0.00
CARR STREET_E_SYR 24060	31.28 -0.22 0.00	28.24 -0.23 0.04	27.38 -0.25 0.03	25.89 -0.26 0.00	25.40 -0.28 0.00	27.00 -0.25 0.02	27.20 -0.19 0.03	29.61 -0.21 0.07	31.82 -0.26 0.11	35.53 -0.25 0.18	35.76 -0.07 0.18	38.52 0.04 0.00	38.78 0.04 0.23	40.74 0.08 0.22	44.83 0.22 0.00	49.89 0.25 0.47	53.01 0.21 0.50	58.31 0.23 0.00	52.43 0.16 0.00	46.93 -0.05 0.00	43.42 0.00 0.00	39.60 0.08 0.00	35.18 -0.04 0.00	31.53 0.03 0.00
CARTHAGE___PAPER 23857	31.01 -0.47 0.02	27.55 -0.46 0.50	26.77 -0.55 0.33	25.61 -0.52 0.02	25.25 -0.44 0.00	26.53 -0.49 0.25	26.79 -0.33 0.31	28.59 -0.48 0.82	30.22 -0.68 1.30	33.10 -0.79 2.06	33.02 -0.94 2.05	37.50 -0.96 0.02	35.32 -1.01 2.64	37.23 -1.10 2.55	43.33 -1.25 0.02	43.45 -1.35 5.30	46.36 -1.28 5.65	57.09 -0.99 0.00	51.65 -0.62 0.00	46.84 -0.14 0.00	43.46 0.04 0.00	39.60 0.08 0.00	35.04 -0.18 0.00	31.09 -0.41 0.00
CASSADAGA_WT_PWR 323784	31.88 0.38 0.00	28.79 0.29 0.00	27.77 0.11 0.00	26.10 -0.05 0.00	25.63 -0.05 0.00	27.46 0.19 0.00	27.91 0.49 0.00	30.19 0.30 0.00	32.36 0.16 0.00	36.64 0.68 0.00	37.81 1.80 0.00	40.91 2.43 0.00	41.23 2.26 0.00	43.62 2.74 0.00	48.26 3.66 0.00	54.06 3.96 0.00	56.92 3.63 0.00	62.20 4.12 0.00	55.57 3.30 0.00	49.14 2.16 0.00	45.24 1.82 0.00	41.77 2.25 0.00	36.91 1.69 0.00	32.86 1.35 0.00
CE_DUNWOOD___DRP 24194	33.96 2.46 0.00	30.65 2.14 0.00	29.65 1.99 0.00	27.98 1.83 0.00	27.38 1.70 0.00	29.23 1.96 0.00	29.37 1.95 0.00	32.23 2.33 0.00	34.93 2.74 0.00	39.09 3.13 0.00	39.18 3.17 0.00	41.71 3.23 0.00	42.44 3.47 0.00	44.40 3.52 0.00	48.22 3.61 0.00	54.01 3.91 0.00	57.29 4.00 0.00	62.14 4.07 0.00	55.83 3.55 0.00	50.08 3.10 0.00	46.28 2.87 0.00	42.25 2.73 0.00	37.61 2.39 0.00	33.74 2.24 0.00
CE_MILLWOOD___DRP 24193	33.87 2.36 0.00	30.59 2.08 0.00	29.57 1.91 0.00	27.91 1.75 0.00	27.33 1.64 0.00	29.18 1.91 0.00	29.28 1.86 0.00	32.14 2.24 0.00	34.84 2.64 0.00	38.94 2.98 0.00	39.04 3.02 0.00	41.56 3.08 0.00	42.28 3.31 0.00	44.28 3.39 0.00	48.08 3.48 0.00	53.86 3.76 0.00	57.13 3.84 0.00	62.03 3.95 0.00	55.73 3.45 0.00	49.99 3.01 0.00	46.19 2.78 0.00	42.13 2.61 0.00	37.51 2.29 0.00	33.64 2.14 0.00
CE_NYC2_DRP 24202	34.41 2.90 -0.01	31.02 2.51 -0.01	29.95 2.30 0.00	28.25 2.09 0.00	27.58 1.90 0.00	29.48 2.21 0.00	29.61 2.19 0.00	32.55 2.66 0.00	35.42 3.22 0.00	41.55 3.63 -1.96	41.55 3.75 -1.79	42.29 3.81 0.00	47.27 4.05 -4.25	48.80 4.13 -3.79	48.80 4.19 0.00	54.36 4.26 0.00	57.50 4.21 0.00	62.31 4.24 0.01	55.88 3.61 0.00	50.27 3.29 0.00	46.54 3.13 0.00	42.60 3.08 0.00	38.11 2.89 -0.01	34.19 2.68 -0.01
CE_NYC_DRP 24195	34.28 2.77 0.00	30.90 2.39 0.00	29.87 2.21 0.00	28.17 2.01 0.00	27.53 1.85 0.00	29.42 2.15 0.00	29.59 2.17 0.00	32.53 2.63 0.00	35.32 3.12 0.00	39.52 3.56 0.00	39.70 3.67 -0.02	42.18 3.69 0.00	42.95 3.98 0.00	44.93 4.05 0.00	48.71 4.10 0.00	54.41 4.31 0.00	57.66 4.37 0.00	62.43 4.36 0.00	56.09 3.82 0.00	50.31 3.34 0.00	46.54 3.13 0.00	42.52 3.00 0.00	37.97 2.75 0.00	34.05 2.55 0.00
CHAFFEE___LFGE 323603	30.94 -0.57 0.00	27.97 -0.54 0.00	26.99 -0.66 0.00	25.37 -0.78 0.00	24.94 -0.75 0.00	26.61 -0.65 0.00	27.01 -0.41 0.00	29.06 -0.84 0.00	31.13 -1.06 0.00	35.20 -0.76 0.00	36.33 0.32 0.00	39.40 0.92 0.00	39.75 0.78 0.00	42.03 1.14 0.00	46.52 1.92 0.00	52.11 2.01 0.00	54.89 1.60 0.00	60.05 1.98 0.00	53.63 1.36 0.00	47.50 0.52 0.00	43.68 0.26 0.00	40.35 0.83 0.00	35.71 0.49 0.00	31.94 0.44 0.00
CHATEAUG_35_KV_LOAD 355732	31.05 -0.44 0.01	27.84 -0.43 0.25	27.08 -0.41 0.16	25.77 -0.37 0.01	25.38 -0.31 0.00	26.63 -0.52 0.12	26.89 -0.38 0.15	29.10 -0.39 0.40	31.07 -0.48 0.64	34.19 -0.76 1.01	34.25 -0.76 1.00	37.70 -0.77 0.01	36.39 -1.29 1.29	38.24 -1.39 1.25	43.21 -1.38 0.01	46.00 -1.50 2.60	48.61 -1.92 2.77	56.33 -1.74 0.00	51.02 -1.25 0.00	46.56 -0.42 0.00	42.94 -0.48 0.00	38.65 -0.87 0.00	34.90 -0.32 0.00	31.03 -0.47 0.00
CHATEAUG_WT_PWR 323614	31.50 0.00 0.01	28.38 0.00 0.13	27.52 -0.06 0.09	26.07 -0.08 0.01	25.51 -0.18 0.00	26.93 -0.27 0.07	27.23 -0.11 0.08	29.71 0.03 0.22	31.79 -0.06 0.34	34.98 -0.43 0.55	35.25 -0.21 0.54	38.40 -0.08 0.01	37.10 -1.17 0.70	38.94 -1.27 0.67	43.49 -1.11 0.01	47.49 -1.20 1.40	49.77 -2.03 1.49	56.51 -1.57 0.00	51.28 -0.99 0.00	47.31 0.33 0.00	43.46 0.04 0.00	38.97 -0.55 0.00	35.57 0.35 0.00	31.56 0.06 0.00
CHAT_HIGH_FALL_HYD 323578	31.05 -0.44 0.01	27.84 -0.43 0.25	27.08 -0.41 0.16	25.77 -0.37 0.01	25.38 -0.31 0.00	26.63 -0.52 0.12	26.89 -0.38 0.15	29.10 -0.39 0.40	31.07 -0.48 0.64	34.19 -0.76 1.01	34.25 -0.76 1.00	37.70 -0.77 0.01	36.39 -1.29 1.29	38.24 -1.39 1.25	43.21 -1.38 0.01	46.00 -1.50 2.60	48.61 -1.92 2.77	56.33 -1.74 0.00	51.02 -1.25 0.00	46.56 -0.42 0.00	42.94 -0.48 0.00	38.65 -0.87 0.00	34.90 -0.32 0.00	31.03 -0.47 0.00
CHAUTAUQUA___LFGE 323629	31.47 -0.03 0.00	28.42 -0.09 0.00	27.44 -0.22 0.00	25.81 -0.34 0.00	25.35 -0.33 0.00	27.11 -0.16 0.00	27.53 0.11 0.00	29.69 -0.21 0.00	31.81 -0.38 0.00	35.96 0.00 0.00	37.13 1.12 0.00	40.22 1.73 0.00	40.53 1.56 0.00	42.85 1.96 0.00	47.37 2.77 0.00	53.16 3.06 0.00	56.01 2.72 0.00	61.21 3.13 0.00	54.74 2.46 0.00	48.44 1.46 0.00	44.54 1.13 0.00	41.14 1.62 0.00	36.38 1.16 0.00	32.45 0.94 0.00
CHERRYST_13_KV_LD 356241	34.40 2.90 0.00	31.02 2.51 0.00	29.95 2.30 0.00	28.27 2.12 0.00	27.64 1.95 0.00	29.53 2.26 0.00	29.70 2.28 0.00	32.67 2.78 0.00	35.51 3.32 0.00	39.70 3.74 0.00	39.92 3.89 -0.02	42.41 3.93 0.00	43.22 4.25 0.00	45.18 4.29 0.00	48.98 4.37 0.00	54.71 4.61 0.00	57.93 4.64 0.00	62.78 4.70 0.00	56.30 4.03 0.00	50.55 3.57 0.00	46.72 3.30 0.00	42.68 3.16 0.00	38.11 2.89 0.00	34.18 2.68 0.00

CHESTROR_138KV_BK263 355645	33.43 1.92 0.00	30.22 1.71 0.00	29.24 1.58 0.00	27.59 1.44 0.00	27.02 1.34 0.00	28.82 1.55 0.00	28.93 1.51 0.00	31.66 1.76 0.00	34.26 2.06 0.00	38.30 2.34 0.00	38.39 2.38 0.00	40.87 2.39 0.00	41.58 2.61 0.00	43.54 2.66 0.00	47.37 2.77 0.00	53.11 3.01 0.00	56.44 3.14 0.00	61.33 3.25 0.00	55.10 2.82 0.00	49.42 2.44 0.00	45.67 2.26 0.00	41.61 2.09 0.00	37.05 1.83 0.00	33.20 1.70 0.00
CH_MIDHUDSON___DRP 24192	33.80 2.30 0.00	30.56 2.05 0.00	29.57 1.91 0.00	27.91 1.75 0.00	27.33 1.64 0.00	29.15 1.88 0.00	29.23 1.81 0.00	31.99 2.09 0.00	34.68 2.48 0.00	38.76 2.80 0.00	38.82 2.81 0.00	41.29 2.81 0.00	42.05 3.08 0.00	44.07 3.19 0.00	47.91 3.30 0.00	53.66 3.56 0.00	57.02 3.73 0.00	61.97 3.89 0.00	55.68 3.40 0.00	49.99 3.01 0.00	46.15 2.74 0.00	42.05 2.53 0.00	37.37 2.15 0.00	33.52 2.02 0.00
CH_MISC_IPPS 23765	34.02 2.52 0.00	30.76 2.25 0.00	29.73 2.08 0.00	28.04 1.88 0.00	27.48 1.80 0.00	29.31 2.05 0.00	29.40 1.98 0.00	32.14 2.24 0.00	34.87 2.67 0.00	38.94 2.98 0.00	39.04 3.03 0.00	41.56 3.08 0.00	42.32 3.35 0.00	44.40 3.52 0.00	48.22 3.61 0.00	54.01 3.91 0.00	57.45 4.16 0.00	62.37 4.30 0.00	56.09 3.81 0.00	50.27 3.29 0.00	46.45 3.04 0.00	42.32 2.81 0.00	37.61 2.40 0.00	33.74 2.24 0.00
CH_RES_BVR_FALLS 23983	30.88 -0.63 0.00	28.02 -0.57 -0.08	27.19 -0.53 -0.05	25.69 -0.47 0.00	25.25 -0.44 0.00	26.79 -0.52 -0.04	26.98 -0.49 -0.05	29.49 -0.54 -0.13	31.82 -0.58 -0.21	35.57 -0.72 -0.33	35.58 -0.76 -0.33	37.64 -0.85 0.00	38.50 -0.89 -0.42	40.31 -0.98 -0.41	43.54 -1.07 0.00	49.79 -1.15 -0.84	52.97 -1.22 -0.90	56.80 -1.28 0.00	51.18 -1.10 0.00	46.13 -0.84 0.00	42.64 -0.78 0.00	38.73 -0.79 0.00	34.62 -0.60 0.00	30.90 -0.60 0.00
CH_RES_NIAGARA 23895	29.68 -1.83 0.00	26.85 -1.65 0.00	25.92 -1.74 0.00	24.40 -1.75 0.00	23.99 -1.70 0.00	25.58 -1.69 0.00	25.94 -1.48 0.00	27.83 -2.06 0.00	29.75 -2.45 0.00	33.59 -2.37 0.00	34.75 -1.26 0.00	37.56 -0.92 0.00	37.76 -1.21 0.00	39.94 -0.94 0.00	44.03 -0.58 0.00	49.25 -0.85 0.00	51.80 -1.49 0.00	56.74 -1.34 0.00	50.66 -1.62 0.00	45.05 -1.93 0.00	41.51 -1.91 0.00	38.53 -0.99 0.00	34.20 -1.02 0.00	30.62 -0.88 0.00
CH_RES_SYRACUSE 23985	31.50 0.00 0.00	28.44 -0.03 0.04	27.55 -0.08 0.03	26.05 -0.10 0.00	25.58 -0.10 0.00	27.17 -0.08 0.02	27.40 0.00 0.02	29.83 0.00 0.06	32.03 -0.06 0.10	35.87 0.07 0.16	36.07 0.22 0.16	38.86 0.38 0.00	39.12 0.35 0.20	41.14 0.45 0.19	45.18 0.58 0.00	50.40 0.70 0.40	53.61 0.75 0.43	58.89 0.81 0.00	52.96 0.68 0.00	47.40 0.42 0.00	43.85 0.43 0.00	39.99 0.48 0.00	35.53 0.32 0.00	31.75 0.25 0.00
CLINTON_WT_PWR 323605	31.50 0.00 0.01	28.38 0.00 0.13	27.52 -0.06 0.09	26.07 -0.08 0.01	25.51 -0.18 0.00	26.93 -0.27 0.07	27.23 -0.11 0.08	29.71 0.03 0.22	31.79 -0.06 0.34	34.98 -0.43 0.55	35.25 -0.21 0.54	38.40 -0.08 0.01	37.10 -1.17 0.70	38.94 -1.27 0.67	43.49 -1.11 0.01	47.49 -1.20 1.40	49.77 -2.03 1.49	56.51 -1.57 0.00	51.28 -0.99 0.00	47.31 0.33 0.00	43.46 0.04 0.00	38.97 -0.55 0.00	35.57 0.35 0.00	31.56 0.06 0.00
CLINTON___LFGE 323618	31.62 0.13 0.01	28.47 0.11 0.15	27.61 0.06 0.10	26.17 0.03 0.01	25.68 0.00 0.00	27.11 -0.08 0.08	27.44 0.11 0.09	29.83 0.18 0.25	31.93 0.13 0.39	35.16 -0.18 0.62	35.32 -0.07 0.62	38.47 0.00 0.01	37.28 -0.89 0.79	39.13 -0.98 0.77	43.75 -0.85 0.01	47.60 -0.90 1.60	50.00 -1.60 1.70	56.85 -1.22 0.00	51.55 -0.73 0.00	47.50 0.52 0.00	43.72 0.31 0.00	39.20 -0.32 0.00	35.68 0.46 0.00	31.69 0.19 0.00
COBBLENY_34_KV_TB1 80064	30.94 -0.57 0.00	27.94 -0.57 0.00	26.94 -0.72 0.00	25.34 -0.81 0.00	24.91 -0.77 0.00	26.61 -0.65 0.00	27.01 -0.41 0.00	29.06 -0.84 0.00	31.13 -1.06 0.00	35.20 -0.76 0.00	36.33 0.32 0.00	39.33 0.85 0.00	39.67 0.70 0.00	42.03 1.14 0.00	46.30 1.69 0.00	51.90 1.80 0.00	54.63 1.33 0.00	59.76 1.68 0.00	53.38 1.10 0.00	47.26 0.28 0.00	43.50 0.09 0.00	40.39 0.87 0.00	35.71 0.49 0.00	31.94 0.44 0.00
COFFEEN___115KV_TB3 355620	31.33 -0.16 0.02	27.92 -0.17 0.42	27.05 -0.33 0.28	25.82 -0.31 0.02	25.48 -0.21 0.00	26.82 -0.25 0.21	27.06 -0.11 0.25	28.94 -0.27 0.68	30.66 -0.45 1.08	33.74 -0.50 1.72	33.66 -0.65 1.71	37.85 -0.62 0.02	36.07 -0.70 2.20	38.03 -0.74 2.12	43.69 -0.89 0.02	44.69 -1.00 4.41	47.80 -0.80 4.70	57.73 -0.35 0.00	52.17 -0.10 0.00	47.40 0.42 0.00	44.07 0.65 0.00	40.27 0.75 0.00	35.50 0.28 0.00	31.47 -0.03 0.00
COLDSPRG_115KV_BK1 355956	32.07 0.57 0.00	28.91 0.40 0.00	27.88 0.22 0.00	26.21 0.05 0.00	25.76 0.08 0.00	27.62 0.35 0.00	28.11 0.69 0.00	30.40 0.51 0.00	32.61 0.42 0.00	36.89 0.93 0.00	38.06 2.05 0.00	41.06 2.58 0.00	41.43 2.46 0.00	43.91 3.03 0.00	48.26 3.66 0.00	54.06 3.96 0.00	56.86 3.57 0.00	61.73 3.66 0.00	55.15 2.88 0.00	49.00 2.02 0.00	45.15 1.74 0.00	42.09 2.57 0.00	37.08 1.87 0.00	33.01 1.51 0.00
COLONIE_LFGE___ 323577	33.08 1.57 0.00	29.93 1.42 0.00	28.99 1.33 0.00	27.46 1.31 0.00	26.92 1.23 0.00	28.55 1.28 0.00	28.68 1.26 0.00	31.36 1.46 0.00	33.81 1.61 0.00	37.76 1.80 0.00	37.56 1.55 0.00	40.10 1.62 0.00	40.68 1.71 0.00	42.68 1.80 0.00	46.52 1.92 0.00	52.36 2.26 0.00	55.80 2.51 0.00	60.81 2.73 0.00	54.84 2.56 0.00	49.33 2.35 0.00	45.59 2.17 0.00	41.38 1.86 0.00	36.66 1.44 0.00	32.92 1.42 0.00
COOPERNY_115KV_TB1 80082	32.89 1.39 0.00	29.76 1.25 0.00	28.82 1.16 0.00	27.23 1.07 0.00	26.66 0.98 0.00	28.44 1.17 0.00	28.54 1.12 0.00	31.18 1.29 0.00	33.68 1.48 0.00	37.65 1.69 0.00	37.74 1.73 0.00	40.29 1.81 0.00	40.92 1.95 0.00	42.89 2.00 0.00	46.70 2.10 0.00	52.35 2.25 0.00	55.64 2.34 0.00	60.52 2.44 0.00	54.42 2.14 0.00	48.86 1.88 0.00	45.11 1.69 0.00	41.14 1.62 0.00	36.59 1.37 0.00	32.76 1.26 0.00
COPENHAGEN_WT_PWR 323753	31.04 -0.44 0.02	27.69 -0.43 0.39	26.84 -0.55 0.26	25.61 -0.52 0.02	25.25 -0.44 0.00	26.61 -0.46 0.20	26.85 -0.33 0.24	28.80 -0.45 0.65	30.53 -0.64 1.03	33.62 -0.72 1.62	33.60 -0.79 1.61	37.69 -0.77 0.02	36.04 -0.86 2.08	37.98 -0.90 2.01	43.56 -1.02 0.02	44.78 -1.15 4.17	47.78 -1.07 4.44	57.32 -0.76 0.00	51.75 -0.52 0.00	46.93 -0.05 0.00	43.55 0.13 0.00	39.76 0.24 0.00	35.15 -0.07 0.00	31.22 -0.28 0.00
CORNELL_____ 23752	32.32 0.82 0.00	29.19 0.68 0.00	28.24 0.58 0.00	26.68 0.52 0.00	26.17 0.49 0.00	27.90 0.63 0.00	28.16 0.74 0.00	30.64 0.75 0.00	32.84 0.64 0.00	36.79 0.83 0.00	37.02 1.01 0.00	39.75 1.27 0.00	40.22 1.25 0.00	42.27 1.39 0.00	46.26 1.65 0.00	52.05 1.95 0.00	55.42 2.13 0.00	60.52 2.44 0.00	54.53 2.25 0.00	48.81 1.83 0.00	45.24 1.82 0.00	41.34 1.82 0.00	36.59 1.37 0.00	32.64 1.13 0.00

CORONA V_69_KV_TB1 355595	40.27 3.21 -5.55	39.46 2.79 -8.16	37.60 2.57 -7.36	35.17 2.38 -6.64	33.46 2.23 -5.54	37.41 2.54 -7.60	38.20 2.58 -8.20	39.12 2.99 -6.24	40.20 3.48 -4.53	40.72 3.96 -0.80	40.01 4.00 0.00	44.03 4.16 -1.39	43.37 4.40 0.00	45.22 4.33 0.00	49.11 4.51 0.00	54.76 4.66 0.00	58.30 5.01 0.00	63.24 5.17 0.00	56.77 4.50 0.00	50.97 3.99 0.00	47.11 3.69 0.00	43.23 3.71 0.00	38.46 3.24 0.00	36.57 3.12 -1.95
CORTLAND_115KV_TB3 80093	32.13 0.63 0.00	29.01 0.54 0.04	28.11 0.47 0.02	26.57 0.42 0.00	26.07 0.39 0.00	27.77 0.52 0.02	28.00 0.60 0.02	30.43 0.60 0.06	32.65 0.55 0.09	36.50 0.68 0.15	36.73 0.86 0.15	39.56 1.08 0.00	39.84 1.05 0.19	41.89 1.19 0.18	46.03 1.43 0.00	51.33 1.60 0.38	54.65 1.76 0.40	60.05 1.97 0.00	54.06 1.78 0.00	48.43 1.46 0.00	44.85 1.43 0.00	40.94 1.42 0.00	36.31 1.09 0.00	32.38 0.88 0.00
COXSACKIE___GT 23611	34.12 2.61 0.00	30.93 2.42 0.00	29.84 2.18 0.00	28.17 2.01 0.00	27.64 1.95 0.00	29.37 2.10 0.00	29.42 2.00 0.00	31.87 1.97 0.00	34.29 2.09 0.00	38.15 2.19 0.00	37.85 1.84 0.00	40.44 1.96 0.00	40.84 1.87 0.00	42.89 2.00 0.00	46.79 2.19 0.00	52.60 2.50 0.00	56.22 2.93 0.00	61.74 3.66 0.00	55.88 3.60 0.00	50.55 3.57 0.00	46.71 3.30 0.00	42.32 2.81 0.00	37.82 2.61 0.00	33.89 2.39 0.00
CPV_VALLEY___CC1 323721	33.11 1.61 0.00	29.96 1.45 0.00	28.99 1.33 0.00	27.38 1.23 0.00	26.84 1.16 0.00	28.60 1.34 0.00	28.71 1.29 0.00	31.42 1.52 0.00	33.97 1.77 0.00	37.97 2.01 0.00	38.06 2.05 0.00	40.52 2.04 0.00	41.23 2.26 0.00	43.17 2.29 0.00	46.92 2.32 0.00	52.60 2.50 0.00	55.96 2.66 0.00	60.75 2.67 0.00	54.63 2.35 0.00	49.00 2.02 0.00	45.24 1.82 0.00	41.30 1.78 0.00	36.73 1.51 0.00	32.92 1.42 0.00
CPV_VALLEY___CC2 323722	33.11 1.61 0.00	29.96 1.45 0.00	28.99 1.33 0.00	27.38 1.23 0.00	26.84 1.16 0.00	28.60 1.34 0.00	28.71 1.29 0.00	31.42 1.52 0.00	33.97 1.77 0.00	37.97 2.01 0.00	38.06 2.05 0.00	40.52 2.04 0.00	41.23 2.26 0.00	43.17 2.29 0.00	46.92 2.32 0.00	52.60 2.50 0.00	55.96 2.66 0.00	60.75 2.67 0.00	54.63 2.35 0.00	49.00 2.02 0.00	45.24 1.82 0.00	41.30 1.78 0.00	36.73 1.51 0.00	32.92 1.42 0.00
CRESCENT___HYD 24018	33.08 1.57 0.00	29.93 1.42 0.00	28.99 1.33 0.00	27.46 1.31 0.00	26.92 1.23 0.00	28.55 1.28 0.00	28.68 1.26 0.00	31.36 1.46 0.00	33.81 1.61 0.00	37.76 1.80 0.00	37.56 1.55 0.00	40.10 1.62 0.00	40.68 1.71 0.00	42.68 1.80 0.00	46.52 1.92 0.00	52.36 2.26 0.00	55.80 2.51 0.00	60.81 2.73 0.00	54.84 2.56 0.00	49.33 2.35 0.00	45.59 2.17 0.00	41.38 1.86 0.00	36.66 1.44 0.00	32.92 1.42 0.00
CRICKET___VALLEY_CC1 323756	33.49 1.99 0.00	30.31 1.80 0.00	29.32 1.66 0.00	27.70 1.54 0.00	27.17 1.49 0.00	28.90 1.64 0.00	29.01 1.59 0.00	31.78 1.88 0.00	34.39 2.19 0.00	38.44 2.48 0.00	38.32 2.31 0.00	40.71 2.23 0.00	41.43 2.46 0.00	43.42 2.54 0.00	47.19 2.59 0.00	52.95 2.85 0.00	56.44 3.14 0.00	61.27 3.19 0.00	55.10 2.82 0.00	49.42 2.44 0.00	45.67 2.26 0.00	41.61 2.09 0.00	36.87 1.66 0.00	33.14 1.64 0.00
CRICKET___VALLEY_CC2 323757	33.49 1.99 0.00	30.31 1.80 0.00	29.32 1.66 0.00	27.70 1.54 0.00	27.17 1.49 0.00	28.90 1.64 0.00	29.01 1.59 0.00	31.78 1.88 0.00	34.39 2.19 0.00	38.44 2.48 0.00	38.32 2.31 0.00	40.71 2.23 0.00	41.43 2.46 0.00	43.42 2.54 0.00	47.19 2.59 0.00	52.95 2.85 0.00	56.44 3.14 0.00	61.27 3.19 0.00	55.10 2.82 0.00	49.42 2.44 0.00	45.67 2.26 0.00	41.61 2.09 0.00	36.87 1.66 0.00	33.14 1.64 0.00
CRICKET___VALLEY_CC3 323758	33.49 1.99 0.00	30.31 1.80 0.00	29.32 1.66 0.00	27.70 1.54 0.00	27.17 1.49 0.00	28.90 1.64 0.00	29.01 1.59 0.00	31.78 1.88 0.00	34.39 2.19 0.00	38.44 2.48 0.00	38.32 2.31 0.00	40.71 2.23 0.00	41.43 2.46 0.00	43.42 2.54 0.00	47.19 2.59 0.00	52.95 2.85 0.00	56.44 3.14 0.00	61.27 3.19 0.00	55.10 2.82 0.00	49.42 2.44 0.00	45.67 2.26 0.00	41.61 2.09 0.00	36.87 1.66 0.00	33.14 1.64 0.00
CRUCIBLE_METL_DRP 24180	31.50 0.00 0.00	28.44 -0.03 0.04	27.55 -0.08 0.03	26.05 -0.10 0.00	25.56 -0.13 0.00	27.17 -0.08 0.02	27.40 0.00 0.02	29.83 0.00 0.06	32.03 -0.06 0.10	35.87 0.07 0.16	36.07 0.22 0.16	38.86 0.38 0.00	39.12 0.35 0.20	41.10 0.41 0.19	45.18 0.58 0.00	50.35 0.65 0.40	53.56 0.69 0.43	58.83 0.75 0.00	52.90 0.63 0.00	47.35 0.38 0.00	43.85 0.43 0.00	39.99 0.47 0.00	35.54 0.32 0.00	31.75 0.25 0.00
DAHOWA___HYDRO 323763	33.58 2.08 0.00	30.36 1.85 0.00	29.35 1.69 0.00	27.80 1.65 0.00	27.22 1.54 0.00	28.90 1.64 0.00	29.07 1.65 0.00	31.78 1.88 0.00	34.23 2.03 0.00	38.23 2.27 0.00	37.92 1.91 0.00	40.60 2.12 0.00	41.15 2.18 0.00	43.13 2.25 0.00	46.97 2.36 0.00	52.90 2.80 0.00	56.38 3.09 0.00	61.62 3.54 0.00	55.88 3.60 0.00	50.50 3.53 0.00	46.67 3.26 0.00	42.28 2.77 0.00	37.40 2.18 0.00	33.52 2.02 0.00
DANC___LFGE 323619	30.92 -0.57 0.01	27.70 -0.54 0.27	26.84 -0.64 0.18	25.54 -0.60 0.01	25.12 -0.57 0.00	26.56 -0.57 0.13	26.79 -0.47 0.17	28.91 -0.54 0.44	30.78 -0.71 0.70	34.13 -0.72 1.12	34.22 -0.69 1.11	37.85 -0.62 0.01	36.80 -0.74 1.43	38.77 -0.73 1.38	43.74 -0.85 0.01	46.28 -0.95 2.87	49.28 -0.96 3.05	57.32 -0.76 0.00	51.70 -0.57 0.00	46.65 -0.33 0.00	43.29 -0.13 0.00	39.52 0.00 0.00	35.04 -0.18 0.00	31.19 -0.31 0.00
DANSKAMMER___1 23586	34.02 2.52 0.00	30.76 2.25 0.00	29.73 2.08 0.00	28.04 1.88 0.00	27.48 1.80 0.00	29.31 2.05 0.00	29.40 1.98 0.00	32.14 2.24 0.00	34.87 2.67 0.00	38.94 2.98 0.00	39.04 3.03 0.00	41.56 3.08 0.00	42.32 3.35 0.00	44.40 3.52 0.00	48.22 3.61 0.00	54.01 3.91 0.00	57.45 4.16 0.00	62.37 4.30 0.00	56.09 3.81 0.00	50.27 3.29 0.00	46.45 3.04 0.00	42.32 2.81 0.00	37.61 2.40 0.00	33.74 2.24 0.00
DANSKAMMER___2 23589	34.02 2.52 0.00	30.76 2.25 0.00	29.73 2.08 0.00	28.04 1.88 0.00	27.48 1.80 0.00	29.31 2.05 0.00	29.40 1.98 0.00	32.14 2.24 0.00	34.87 2.67 0.00	38.94 2.98 0.00	39.04 3.03 0.00	41.56 3.08 0.00	42.32 3.35 0.00	44.40 3.52 0.00	48.22 3.61 0.00	54.01 3.91 0.00	57.45 4.16 0.00	62.37 4.30 0.00	56.09 3.81 0.00	50.27 3.29 0.00	46.45 3.04 0.00	42.32 2.81 0.00	37.61 2.40 0.00	33.74 2.24 0.00
DANSKAMMER___3 23590	34.02 2.52 0.00	30.76 2.25 0.00	29.73 2.08 0.00	28.04 1.88 0.00	27.48 1.80 0.00	29.31 2.05 0.00	29.40 1.98 0.00	32.14 2.24 0.00	34.87 2.67 0.00	38.94 2.98 0.00	39.04 3.03 0.00	41.56 3.08 0.00	42.32 3.35 0.00	44.40 3.52 0.00	48.22 3.61 0.00	54.01 3.91 0.00	57.45 4.16 0.00	62.37 4.30 0.00	56.09 3.81 0.00	50.27 3.29 0.00	46.45 3.04 0.00	42.32 2.81 0.00	37.61 2.40 0.00	33.74 2.24 0.00

DANSKAMMER___4 23591	34.02 2.52 0.00	30.76 2.25 0.00	29.73 2.08 0.00	28.04 1.88 0.00	27.48 1.80 0.00	29.31 2.05 0.00	29.40 1.98 0.00	32.14 2.24 0.00	34.87 2.67 0.00	38.94 2.98 0.00	39.04 3.03 0.00	41.56 3.08 0.00	42.32 3.35 0.00	44.40 3.52 0.00	48.22 3.61 0.00	54.01 3.91 0.00	57.45 4.16 0.00	62.37 4.30 0.00	56.09 3.81 0.00	50.27 3.29 0.00	46.45 3.04 0.00	42.32 2.81 0.00	37.61 2.40 0.00	33.74 2.24 0.00
DANSKAMMER___DIESEL 23592	34.02 2.52 0.00	30.76 2.25 0.00	29.73 2.07 0.00	28.04 1.88 0.00	27.46 1.77 0.00	29.31 2.05 0.00	29.39 1.97 0.00	32.14 2.24 0.00	34.87 2.67 0.00	38.94 2.98 0.00	39.04 3.02 0.00	41.56 3.08 0.00	42.32 3.35 0.00	44.40 3.52 0.00	48.22 3.61 0.00	54.06 3.96 0.00	57.40 4.10 0.00	62.43 4.36 0.00	56.09 3.82 0.00	50.31 3.34 0.00	46.45 3.04 0.00	42.32 2.81 0.00	37.61 2.39 0.00	33.74 2.24 0.00
DARBY___SOLAR 323810	33.46 1.95 0.00	30.28 1.77 0.00	29.26 1.60 0.00	27.72 1.57 0.00	27.15 1.46 0.00	28.82 1.55 0.00	28.98 1.56 0.00	31.69 1.79 0.00	34.16 1.96 0.00	38.15 2.19 0.00	37.88 1.87 0.00	40.52 2.04 0.00	41.07 2.10 0.00	43.05 2.17 0.00	46.92 2.32 0.00	52.85 2.75 0.00	56.28 2.98 0.00	61.50 3.43 0.00	55.67 3.40 0.00	50.27 3.29 0.00	46.41 2.99 0.00	42.13 2.61 0.00	37.26 2.04 0.00	33.39 1.89 0.00
DASHVILLE___HYD 23610	33.74 2.24 0.00	30.53 2.02 0.00	29.51 1.85 0.00	27.85 1.70 0.00	27.28 1.59 0.00	29.10 1.83 0.00	29.12 1.70 0.00	31.81 1.91 0.00	34.48 2.29 0.00	38.51 2.55 0.00	38.64 2.63 0.00	41.10 2.62 0.00	41.89 2.92 0.00	43.91 3.03 0.00	47.73 3.12 0.00	53.46 3.36 0.00	56.76 3.46 0.00	61.73 3.66 0.00	55.47 3.19 0.00	49.70 2.72 0.00	45.93 2.52 0.00	41.89 2.37 0.00	37.23 2.01 0.00	33.42 1.92 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	41.24 4.19 -5.55	40.35 3.68 -8.16	38.34 3.32 -7.36	35.88 3.09 -6.64	34.15 2.93 -5.54	38.20 3.33 -7.60	38.88 3.26 -8.20	40.05 3.92 -6.24	41.38 4.57 -4.61	42.86 5.21 -1.69	54.31 5.40 -12.90	131.69 5.93 -87.28	130.83 6.08 -85.78	138.36 6.01 -91.47	141.28 6.38 -90.30	146.36 6.91 -89.35	210.73 7.30 -150.14	295.99 7.72 -230.19	168.50 6.85 -109.37	141.46 5.87 -88.61	138.69 5.38 -89.90	131.68 5.49 -86.67	64.19 4.54 -24.43	39.68 4.28 -3.89
DELAWARE___LFGE 323621	32.73 1.23 0.00	29.68 1.17 0.00	28.79 1.13 0.00	27.20 1.05 0.00	26.69 1.00 0.00	28.41 1.15 0.00	28.54 1.12 0.00	31.06 1.17 0.00	33.42 1.22 0.00	37.36 1.40 0.00	37.49 1.48 0.00	40.10 1.62 0.00	40.65 1.68 0.00	42.68 1.80 0.00	46.52 1.92 0.00	52.20 2.10 0.00	55.48 2.19 0.00	60.46 2.38 0.00	54.42 2.14 0.00	48.90 1.93 0.00	45.20 1.78 0.00	41.22 1.70 0.00	36.63 1.41 0.00	32.73 1.23 0.00
DERFIELD_115KV_TB7 355931	31.85 0.35 0.00	28.79 0.31 0.04	27.94 0.30 0.02	26.41 0.26 0.00	25.94 0.26 0.00	27.55 0.30 0.02	27.67 0.27 0.02	30.13 0.30 0.06	32.42 0.32 0.10	36.20 0.40 0.15	36.26 0.40 0.15	38.90 0.42 0.00	39.21 0.43 0.19	41.19 0.49 0.19	45.09 0.49 0.00	50.26 0.55 0.39	53.47 0.59 0.41	58.71 0.64 0.00	52.85 0.58 0.00	47.45 0.47 0.00	43.85 0.43 0.00	39.95 0.43 0.00	35.57 0.35 0.00	31.82 0.32 0.00
DOGLEVILLE___HYD 23807	32.92 1.42 0.00	29.78 1.31 0.04	28.85 1.22 0.02	27.30 1.15 0.00	26.81 1.13 0.00	28.51 1.26 0.02	28.69 1.29 0.02	31.18 1.35 0.06	33.58 1.48 0.10	37.46 1.66 0.15	37.55 1.69 0.15	40.37 1.89 0.00	40.69 1.91 0.19	42.70 2.00 0.19	46.83 2.23 0.00	52.22 2.50 0.39	55.60 2.72 0.41	61.04 2.96 0.00	54.94 2.66 0.00	49.37 2.39 0.00	45.63 2.21 0.00	41.61 2.09 0.00	36.94 1.73 0.00	33.05 1.54 0.00
DUNKIRK___115KV_TB_200 55889	31.38 -0.13 0.00	28.34 -0.17 0.00	27.33 -0.33 0.00	25.71 -0.44 0.00	25.27 -0.41 0.00	27.05 -0.22 0.00	27.45 0.03 0.00	29.60 -0.30 0.00	31.71 -0.48 0.00	35.85 -0.11 0.00	37.02 1.01 0.00	39.98 1.50 0.00	40.34 1.36 0.00	42.68 1.80 0.00	47.06 2.45 0.00	52.76 2.66 0.00	55.58 2.29 0.00	60.81 2.73 0.00	54.32 2.04 0.00	48.06 1.08 0.00	44.24 0.82 0.00	41.06 1.54 0.00	36.31 1.09 0.00	32.35 0.85 0.00
DUNKIRK___1 23563	31.38 -0.13 0.00	28.34 -0.17 0.00	27.33 -0.33 0.00	25.71 -0.44 0.00	25.27 -0.41 0.00	27.05 -0.22 0.00	27.45 0.03 0.00	29.60 -0.30 0.00	31.71 -0.48 0.00	35.85 -0.11 0.00	37.02 1.01 0.00	39.98 1.50 0.00	40.34 1.36 0.00	42.68 1.80 0.00	47.06 2.45 0.00	52.76 2.66 0.00	55.58 2.29 0.00	60.81 2.73 0.00	54.32 2.04 0.00	48.06 1.08 0.00	44.24 0.82 0.00	41.06 1.54 0.00	36.31 1.09 0.00	32.35 0.85 0.00
DUNKIRK___2 23564	31.38 -0.13 0.00	28.34 -0.17 0.00	27.33 -0.33 0.00	25.71 -0.44 0.00	25.27 -0.41 0.00	27.05 -0.22 0.00	27.45 0.03 0.00	29.60 -0.30 0.00	31.71 -0.48 0.00	35.85 -0.11 0.00	37.02 1.01 0.00	39.98 1.50 0.00	40.34 1.36 0.00	42.68 1.80 0.00	47.06 2.45 0.00	52.76 2.66 0.00	55.58 2.29 0.00	60.81 2.73 0.00	54.32 2.04 0.00	48.06 1.08 0.00	44.24 0.82 0.00	41.06 1.54 0.00	36.31 1.09 0.00	32.35 0.85 0.00
DUNKIRK___3 23565	31.13 -0.38 0.00	28.11 -0.40 0.00	27.13 -0.53 0.00	25.53 -0.63 0.00	25.09 -0.59 0.00	26.83 -0.44 0.00	27.23 -0.19 0.00	29.33 -0.57 0.00	31.42 -0.77 0.00	35.53 -0.43 0.00	36.66 0.65 0.00	39.60 1.12 0.00	39.95 0.97 0.00	42.27 1.39 0.00	46.57 1.96 0.00	52.20 2.10 0.00	55.05 1.76 0.00	60.22 2.15 0.00	53.79 1.52 0.00	47.59 0.61 0.00	43.85 0.43 0.00	40.66 1.15 0.00	35.96 0.74 0.00	32.10 0.60 0.00
DUNKIRK___4 23566	31.13 -0.38 0.00	28.11 -0.40 0.00	27.13 -0.53 0.00	25.53 -0.63 0.00	25.09 -0.59 0.00	26.83 -0.44 0.00	27.23 -0.19 0.00	29.33 -0.57 0.00	31.42 -0.77 0.00	35.53 -0.43 0.00	36.66 0.65 0.00	39.60 1.12 0.00	39.95 0.97 0.00	42.27 1.39 0.00	46.57 1.96 0.00	52.20 2.10 0.00	55.05 1.76 0.00	60.22 2.15 0.00	53.79 1.52 0.00	47.59 0.61 0.00	43.85 0.43 0.00	40.66 1.15 0.00	35.96 0.74 0.00	32.10 0.60 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	34.06 2.55 0.00	30.73 2.22 0.00	29.71 2.05 0.00	28.04 1.88 0.00	27.43 1.75 0.00	29.31 2.05 0.00	29.45 2.03 0.00	32.35 2.45 0.00	35.06 2.87 0.00	39.23 3.27 0.00	39.32 3.31 0.00	41.87 3.39 0.00	42.60 3.62 0.00	44.56 3.68 0.00	48.40 3.79 0.00	54.16 4.06 0.00	57.45 4.16 0.00	62.32 4.24 0.00	55.99 3.71 0.00	50.22 3.24 0.00	46.41 3.00 0.00	42.36 2.85 0.00	37.75 2.54 0.00	33.86 2.36 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	33.68 2.17 0.00	30.48 1.97 0.00	29.46 1.80 0.00	27.80 1.65 0.00	27.23 1.54 0.00	29.04 1.77 0.00	29.12 1.70 0.00	31.87 1.97 0.00	34.51 2.32 0.00	38.58 2.63 0.00	38.68 2.66 0.00	41.18 2.69 0.00	41.93 2.96 0.00	43.91 3.03 0.00	47.73 3.12 0.00	53.51 3.41 0.00	56.81 3.52 0.00	61.79 3.72 0.00	55.52 3.24 0.00	49.80 2.82 0.00	46.02 2.60 0.00	41.93 2.41 0.00	37.30 2.08 0.00	33.42 1.92 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	34.47 2.96 -0.01	31.08 2.57 -0.01	30.01 2.35 0.00	28.27 2.12 0.00	27.58 1.90 0.00	29.45 2.18 0.00	29.50 2.08 0.00	32.44 2.54 0.00	35.29 3.09 0.00	39.44 3.49 0.01	39.62 3.60 -0.01	42.14 3.66 0.00	42.88 3.90 -0.01	44.84 3.97 0.01	48.58 3.97 0.00	54.11 4.01 0.00	57.24 3.94 0.00	62.19 4.12 0.01	55.62 3.35 0.00	50.03 3.05 0.00	46.32 2.91 0.00	42.44 2.92 0.00	38.04 2.82 -0.01	34.19 2.68 -0.01
E179THST_13_KV_LOAD 356214	34.69 3.18 -0.01	31.28 2.77 -0.01	30.20 2.54 0.00	28.43 2.28 0.00	27.74 2.05 0.00	29.61 2.35 0.00	29.70 2.28 0.00	32.61 2.72 0.00	35.48 3.28 0.00	39.69 3.74 0.01	39.91 3.89 -0.01	42.45 3.96 0.00	43.19 4.21 -0.01	45.17 4.29 0.01	48.93 4.33 0.00	54.51 4.41 0.00	57.66 4.37 0.00	62.66 4.59 0.01	56.04 3.76 0.00	50.41 3.43 0.00	46.67 3.26 0.00	42.76 3.24 0.00	38.33 3.10 -0.01	34.41 2.90 -0.01
EAST HAMPTON___GT 23717	41.51 4.44 -5.56	40.53 3.85 -8.17	38.46 3.43 -7.37	35.99 3.19 -6.65	34.28 3.05 -5.54	38.34 3.46 -7.61	39.03 3.40 -8.21	40.24 4.10 -6.25	41.67 4.86 -4.62	43.26 5.61 -1.69	54.82 5.91 -12.90	132.18 6.39 -87.31	131.40 6.63 -85.81	139.04 6.67 -91.49	141.97 7.05 -90.32	147.13 7.67 -89.36	211.72 8.26 -150.17	297.02 8.71 -230.24	169.36 7.69 -109.39	142.23 6.63 -88.63	139.36 6.03 -89.91	132.41 6.20 -86.68	64.72 5.07 -24.43	40.16 4.76 -3.90
EAST RIVER___6 23660	34.34 2.84 0.00	30.93 2.42 0.00	29.87 2.21 0.00	28.17 2.01 0.00	27.56 1.87 0.00	29.42 2.15 0.00	29.53 2.11 0.00	32.49 2.60 0.00	35.35 3.16 0.00	39.52 3.56 0.00	39.74 3.71 -0.02	42.21 3.73 0.00	43.06 4.09 0.00	45.01 4.13 0.00	48.71 4.10 0.00	54.36 4.26 0.00	57.71 4.42 0.00	62.20 4.12 0.00	55.94 3.66 0.00	50.18 3.20 0.00	46.45 3.04 0.00	42.56 3.04 0.00	38.00 2.78 0.00	34.09 2.58 0.00
EAST RIVER___7 23524	34.34 2.84 0.00	30.93 2.42 0.00	29.87 2.21 0.00	28.17 2.01 0.00	27.56 1.87 0.00	29.42 2.15 0.00	29.53 2.11 0.00	32.49 2.60 0.00	35.35 3.16 0.00	39.52 3.56 0.00	39.74 3.71 -0.02	42.21 3.73 0.00	43.06 4.09 0.00	45.01 4.13 0.00	48.71 4.10 0.00	54.36 4.26 0.00	57.71 4.42 0.00	62.20 4.12 0.00	55.94 3.66 0.00	50.18 3.20 0.00	46.45 3.04 0.00	42.56 3.04 0.00	38.00 2.78 0.00	34.09 2.58 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	33.96 2.46 0.00	30.65 2.14 0.00	29.65 1.99 0.00	27.98 1.83 0.00	27.38 1.70 0.00	29.23 1.96 0.00	29.37 1.95 0.00	32.23 2.33 0.00	34.93 2.74 0.00	39.09 3.13 0.00	39.18 3.17 0.00	41.71 3.23 0.00	42.44 3.47 0.00	44.40 3.52 0.00	48.22 3.61 0.00	54.01 3.91 0.00	57.29 4.00 0.00	62.14 4.07 0.00	55.83 3.55 0.00	50.08 3.10 0.00	46.28 2.87 0.00	42.25 2.73 0.00	37.61 2.39 0.00	33.74 2.24 0.00
EAST_HAMPTON___DIESEL 23722	41.44 4.38 -5.56	40.50 3.82 -8.17	38.43 3.40 -7.37	35.97 3.16 -6.65	34.26 3.03 -5.54	38.32 3.44 -7.61	39.00 3.37 -8.21	40.21 4.06 -6.25	41.61 4.80 -4.62	43.23 5.57 -1.69	54.79 5.87 -12.90	132.14 6.35 -87.31	131.37 6.59 -85.81	138.99 6.62 -91.49	141.93 7.00 -90.32	147.08 7.61 -89.36	211.67 8.20 -150.17	296.97 8.66 -230.23	169.30 7.63 -109.39	142.23 6.63 -88.63	139.32 5.99 -89.91	132.36 6.16 -86.68	64.69 5.04 -24.43	40.13 4.72 -3.90
EAST_POINT___SOLAR 323840	34.12 2.61 0.00	30.90 2.39 0.00	29.82 2.16 0.00	28.22 2.07 0.00	27.61 1.93 0.00	29.40 2.13 0.00	29.50 2.08 0.00	31.60 1.70 0.00	33.39 1.19 0.00	36.72 0.76 0.00	36.44 0.43 0.00	39.06 0.58 0.00	39.67 0.70 0.00	41.58 0.69 0.00	45.23 0.62 0.00	51.00 0.90 0.00	54.36 1.07 0.00	61.09 3.02 0.00	56.61 4.34 0.00	51.68 4.70 0.00	47.76 4.34 0.00	43.27 3.76 0.00	38.53 3.31 0.00	34.27 2.77 0.00
EAST_PULASKI___ESR 323781	30.90 -0.60 0.01	27.79 -0.57 0.15	26.93 -0.64 0.10	25.55 -0.60 0.01	25.09 -0.59 0.00	26.60 -0.60 0.07	26.81 -0.52 0.09	29.12 -0.54 0.24	31.14 -0.68 0.38	34.71 -0.65 0.60	34.91 -0.50 0.60	38.01 -0.46 0.01	37.57 -0.63 0.77	39.48 -0.66 0.75	43.88 -0.72 0.01	47.80 -0.75 1.55	50.84 -0.80 1.65	57.32 -0.76 0.00	51.65 -0.62 0.00	46.42 -0.56 0.00	42.98 -0.43 0.00	39.28 -0.24 0.00	35.01 -0.21 0.00	31.22 -0.28 0.00
EAST_RIVER___1 323558	34.28 2.77 0.00	30.90 2.39 0.00	29.84 2.18 0.00	28.17 2.01 0.00	27.56 1.87 0.00	29.42 2.15 0.00	29.59 2.17 0.00	32.53 2.63 0.00	35.32 3.12 0.00	39.52 3.56 0.00	39.70 3.67 -0.02	42.14 3.66 0.00	42.95 3.98 0.00	44.93 4.05 0.00	48.66 4.06 0.00	54.36 4.26 0.00	57.71 4.42 0.00	62.37 4.30 0.00	56.04 3.77 0.00	50.27 3.29 0.00	46.50 3.08 0.00	42.52 3.00 0.00	37.97 2.75 0.00	34.05 2.55 0.00
EAST_RIVER___2 323559	34.34 2.84 0.00	30.93 2.42 0.00	29.87 2.21 0.00	28.17 2.01 0.00	27.56 1.87 0.00	29.42 2.15 0.00	29.53 2.11 0.00	32.49 2.60 0.00	35.35 3.16 0.00	39.52 3.56 0.00	39.74 3.71 -0.02	42.21 3.73 0.00	43.06 4.09 0.00	45.01 4.13 0.00	48.71 4.10 0.00	54.36 4.26 0.00	57.71 4.42 0.00	62.20 4.12 0.00	55.94 3.66 0.00	50.18 3.20 0.00	46.45 3.04 0.00	42.56 3.04 0.00	38.00 2.78 0.00	34.09 2.58 0.00
EAST___DELAWARE_HYD 23607	32.95 1.45 0.00	29.82 1.31 0.00	28.79 1.13 0.00	27.15 0.99 0.00	26.63 0.95 0.00	28.39 1.12 0.00	28.46 1.04 0.00	31.06 1.16 0.00	33.61 1.42 0.00	37.58 1.62 0.00	37.67 1.66 0.00	40.10 1.62 0.00	40.88 1.91 0.00	42.85 1.96 0.00	46.57 1.96 0.00	52.20 2.10 0.00	55.64 2.34 0.00	60.57 2.50 0.00	54.52 2.25 0.00	48.91 1.93 0.00	45.20 1.78 0.00	41.14 1.62 0.00	36.52 1.30 0.00	32.70 1.20 0.00
EIGHT_POINT___WT_PWR 323820	31.82 0.32 0.00	28.76 0.26 0.00	27.80 0.14 0.00	26.18 0.03 0.00	25.71 0.03 0.00	27.49 0.22 0.00	27.86 0.44 0.00	30.13 0.24 0.00	32.20 0.00 0.00	36.28 0.32 0.00	37.13 1.12 0.00	40.14 1.65 0.00	40.53 1.56 0.00	42.56 1.68 0.00	46.88 2.27 0.00	52.65 2.55 0.00	55.75 2.45 0.00	61.04 2.96 0.00	54.79 2.51 0.00	48.72 1.74 0.00	44.98 1.56 0.00	41.34 1.82 0.00	36.70 1.48 0.00	32.67 1.17 0.00
ELBRIDGE_115KV_TB2 80188	31.31 -0.19 0.00	28.27 -0.20 0.03	27.41 -0.22 0.02	25.92 -0.24 0.00	25.43 -0.26 0.00	27.03 -0.22 0.02	27.26 -0.14 0.02	29.66 -0.18 0.06	31.85 -0.26 0.09	35.67 -0.14 0.14	35.91 0.04 0.14	38.63 0.15 0.00	38.91 0.12 0.18	40.91 0.20 0.17	44.92 0.31 0.00	50.14 0.40 0.36	53.28 0.37 0.39	58.54 0.46 0.00	52.64 0.37 0.00	47.12 0.14 0.00	43.59 0.17 0.00	39.80 0.28 0.00	35.36 0.14 0.00	31.60 0.09 0.00
ELEC_TRO_TEK 24086	40.05 2.99 -5.55	39.29 2.62 -8.16	37.43 2.41 -7.36	35.02 2.22 -6.64	33.30 2.08 -5.54	37.27 2.40 -7.60	38.00 2.39 -8.20	38.94 2.81 -6.24	40.01 3.28 -4.53	40.47 3.70 -0.80	39.76 3.75 0.00	43.76 3.89 -1.39	43.06 4.09 0.00	44.89 4.01 0.00	48.75 4.15 0.00	54.46 4.36 0.00	57.82 4.53 0.00	62.72 4.65 0.00	56.30 4.03 0.00	50.46 3.48 0.00	46.63 3.21 0.00	42.80 3.28 0.00	38.11 2.89 0.00	36.22 2.77 -1.95

ELLENBURG_WT_PWR 323604	31.50 0.00 0.01	28.38 0.00 0.13	27.52 -0.06 0.09	26.07 -0.08 0.01	25.51 -0.18 0.00	26.93 -0.27 0.07	27.23 -0.11 0.08	29.71 0.03 0.22	31.79 -0.06 0.34	34.98 -0.43 0.55	35.25 -0.21 0.54	38.40 -0.08 0.01	37.10 -1.17 0.70	38.94 -1.27 0.67	43.49 -1.11 0.01	47.49 -1.20 1.40	49.77 -2.03 1.49	56.51 -1.57 0.00	51.28 -0.99 0.00	47.31 0.33 0.00	43.46 0.04 0.00	38.97 -0.55 0.00	35.57 0.35 0.00	31.56 0.06 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	30.68 -0.82 0.00	27.74 -0.77 0.00	26.75 -0.91 0.00	25.19 -0.97 0.00	24.76 -0.92 0.00	26.45 -0.82 0.00	26.82 -0.60 0.00	28.85 -1.05 0.00	30.88 -1.32 0.00	34.88 -1.08 0.00	36.01 0.00 0.00	38.94 0.46 0.00	39.24 0.27 0.00	41.54 0.65 0.00	45.81 1.20 0.00	51.30 1.20 0.00	53.99 0.69 0.00	59.06 0.99 0.00	52.80 0.52 0.00	46.79 -0.19 0.00	43.07 -0.35 0.00	39.99 0.47 0.00	35.43 0.21 0.00	31.69 0.19 0.00
EMPIRE_CC_1 323656	32.61 1.10 0.00	29.53 1.02 0.00	28.63 0.97 0.00	27.20 1.05 0.00	26.68 1.00 0.00	28.20 0.93 0.00	28.30 0.88 0.00	30.94 1.05 0.00	33.39 1.19 0.00	37.29 1.33 0.00	37.06 1.04 0.00	39.52 1.04 0.00	40.06 1.09 0.00	42.07 1.19 0.00	45.81 1.20 0.00	51.45 1.35 0.00	54.89 1.60 0.00	59.70 1.62 0.00	53.79 1.52 0.00	48.39 1.41 0.00	44.68 1.26 0.00	40.62 1.10 0.00	36.03 0.81 0.00	32.42 0.91 0.00
EMPIRE_CC_2 323658	32.61 1.10 0.00	29.53 1.02 0.00	28.63 0.97 0.00	27.20 1.05 0.00	26.68 1.00 0.00	28.20 0.93 0.00	28.30 0.88 0.00	30.94 1.05 0.00	33.39 1.19 0.00	37.29 1.33 0.00	37.06 1.04 0.00	39.52 1.04 0.00	40.06 1.09 0.00	42.07 1.19 0.00	45.81 1.20 0.00	51.45 1.35 0.00	54.89 1.60 0.00	59.70 1.62 0.00	53.79 1.52 0.00	48.39 1.41 0.00	44.68 1.26 0.00	40.62 1.10 0.00	36.03 0.81 0.00	32.42 0.91 0.00
ENORWICH_115KV_TB1 80156	34.06 2.55 0.00	30.82 2.31 0.00	29.73 2.07 0.00	28.06 1.91 0.00	27.61 1.93 0.00	29.48 2.21 0.00	29.86 2.44 0.00	32.32 2.42 0.00	34.51 2.32 0.00	38.58 2.63 0.00	38.71 2.70 0.00	41.68 3.19 0.00	42.17 3.20 0.00	44.40 3.52 0.00	48.58 3.97 0.00	54.61 4.51 0.00	58.30 5.01 0.00	64.00 5.92 0.00	57.87 5.59 0.00	52.05 5.07 0.00	48.28 4.86 0.00	44.18 4.66 0.00	38.92 3.70 0.00	34.53 3.02 0.00
ERIE_ST__34_KV_TB1-2 80199	30.97 -0.54 0.00	27.97 -0.54 0.00	26.97 -0.69 0.00	25.37 -0.78 0.00	24.94 -0.74 0.00	26.67 -0.60 0.00	27.06 -0.36 0.00	29.06 -0.84 0.00	31.17 -1.03 0.00	35.20 -0.76 0.00	36.37 0.36 0.00	39.33 0.85 0.00	39.71 0.74 0.00	42.11 1.23 0.00	46.39 1.78 0.00	52.00 1.90 0.00	54.79 1.49 0.00	59.88 1.80 0.00	53.48 1.20 0.00	47.31 0.33 0.00	43.50 0.09 0.00	40.35 0.83 0.00	35.68 0.46 0.00	31.94 0.44 0.00
ERIE_WT_PWR 323693	30.90 -0.60 0.00	27.94 -0.57 0.00	26.97 -0.69 0.00	25.37 -0.78 0.00	24.91 -0.77 0.00	26.61 -0.65 0.00	26.98 -0.44 0.00	29.03 -0.87 0.00	31.07 -1.13 0.00	35.13 -0.83 0.00	36.26 0.25 0.00	39.29 0.81 0.00	39.63 0.66 0.00	41.86 0.98 0.00	46.30 1.69 0.00	51.90 1.80 0.00	54.68 1.38 0.00	59.82 1.74 0.00	53.43 1.15 0.00	47.35 0.37 0.00	43.55 0.13 0.00	40.23 0.71 0.00	35.64 0.42 0.00	31.91 0.41 0.00
ESPRGFLD_115KV_TB1 80157	33.20 1.70 0.00	30.05 1.54 0.00	29.07 1.41 0.00	27.46 1.31 0.00	26.94 1.26 0.00	28.77 1.50 0.00	28.96 1.54 0.00	31.42 1.52 0.00	33.65 1.45 0.00	37.47 1.51 0.00	37.49 1.48 0.00	40.21 1.73 0.00	40.80 1.83 0.00	42.76 1.88 0.00	46.66 2.05 0.00	52.45 2.35 0.00	55.64 2.34 0.00	61.15 3.08 0.00	55.47 3.19 0.00	50.03 3.05 0.00	46.28 2.87 0.00	42.09 2.57 0.00	37.40 2.18 0.00	33.30 1.80 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	32.26 0.76 0.00	29.16 0.66 0.00	28.21 0.55 0.00	26.65 0.50 0.00	26.15 0.46 0.00	27.87 0.60 0.00	28.11 0.69 0.00	30.58 0.69 0.00	32.81 0.61 0.00	36.75 0.79 0.00	36.98 0.97 0.00	39.67 1.19 0.00	40.14 1.17 0.00	42.19 1.31 0.00	46.17 1.56 0.00	51.95 1.85 0.00	55.32 2.03 0.00	60.40 2.32 0.00	54.42 2.14 0.00	48.72 1.74 0.00	45.15 1.74 0.00	41.22 1.70 0.00	36.52 1.30 0.00	32.57 1.07 0.00
ETNA____115KV_TB2 80207	32.26 0.76 0.00	29.16 0.66 0.00	28.21 0.55 0.00	26.65 0.50 0.00	26.15 0.46 0.00	27.87 0.60 0.00	28.11 0.69 0.00	30.58 0.69 0.00	32.81 0.61 0.00	36.75 0.79 0.00	36.98 0.97 0.00	39.67 1.19 0.00	40.14 1.17 0.00	42.19 1.31 0.00	46.17 1.56 0.00	51.95 1.85 0.00	55.32 2.03 0.00	60.40 2.32 0.00	54.42 2.14 0.00	48.72 1.74 0.00	45.15 1.74 0.00	41.22 1.70 0.00	36.52 1.30 0.00	32.57 1.07 0.00
EUCLID__115KV_TB2 356179	31.12 -0.38 0.00	28.09 -0.37 0.04	27.24 -0.39 0.03	25.76 -0.39 0.00	25.27 -0.41 0.00	26.86 -0.38 0.02	27.06 -0.33 0.03	29.46 -0.36 0.07	31.66 -0.42 0.12	35.38 -0.40 0.18	35.61 -0.22 0.18	38.36 -0.12 0.00	38.58 -0.16 0.24	40.57 -0.08 0.23	44.60 0.00 0.00	49.62 0.00 0.48	52.73 -0.05 0.51	58.02 -0.06 0.00	52.17 -0.10 0.00	46.74 -0.23 0.00	43.24 -0.17 0.00	39.44 -0.08 0.00	35.04 -0.18 0.00	31.34 -0.16 0.00
E_CANADA_CAP_HY 24051	33.55 2.05 0.00	30.39 1.88 0.00	29.35 1.69 0.00	27.77 1.62 0.00	27.20 1.51 0.00	28.99 1.72 0.00	29.20 1.78 0.00	31.60 1.70 0.00	33.68 1.48 0.00	37.36 1.40 0.00	37.20 1.19 0.00	39.91 1.42 0.00	40.49 1.52 0.00	42.44 1.55 0.00	46.26 1.65 0.00	52.15 2.05 0.00	55.11 1.81 0.00	61.04 2.96 0.00	55.73 3.45 0.00	50.60 3.62 0.00	46.71 3.30 0.00	42.37 2.85 0.00	37.82 2.61 0.00	33.67 2.17 0.00
E_CANADA_MHWK_HY 24050	32.92 1.42 0.00	29.78 1.31 0.04	28.85 1.22 0.02	27.30 1.15 0.00	26.81 1.13 0.00	28.51 1.26 0.02	28.69 1.29 0.02	31.18 1.35 0.06	33.58 1.48 0.10	37.46 1.66 0.15	37.55 1.69 0.15	40.37 1.89 0.00	40.69 1.91 0.19	42.70 2.00 0.19	46.83 2.23 0.00	52.22 2.50 0.39	55.60 2.72 0.41	61.04 2.96 0.00	54.94 2.66 0.00	49.37 2.39 0.00	45.63 2.21 0.00	41.61 2.09 0.00	36.94 1.73 0.00	33.05 1.54 0.00
E_FISHKILL__LBMP 23776	33.61 2.11 0.00	30.39 1.88 0.00	29.40 1.74 0.00	27.77 1.62 0.00	27.17 1.49 0.00	28.99 1.72 0.00	29.09 1.67 0.00	31.90 2.00 0.00	34.55 2.35 0.00	38.62 2.66 0.00	38.64 2.63 0.00	41.14 2.66 0.00	41.86 2.88 0.00	43.83 2.94 0.00	47.64 3.03 0.00	53.36 3.26 0.00	56.70 3.41 0.00	61.56 3.48 0.00	55.31 3.03 0.00	49.66 2.68 0.00	45.89 2.47 0.00	41.81 2.29 0.00	37.19 1.97 0.00	33.39 1.89 0.00
FALCON___SEABRD_CC1 323796	31.69 0.19 0.01	28.55 0.17 0.13	27.68 0.11 0.09	26.23 0.08 0.01	25.71 0.03 0.00	27.15 -0.05 0.07	27.45 0.11 0.08	29.89 0.21 0.22	32.01 0.16 0.35	35.30 -0.11 0.55	35.47 0.00 0.54	38.59 0.12 0.01	37.30 -0.97 0.70	39.14 -1.06 0.68	43.66 -0.94 0.01	47.69 -1.00 1.41	49.88 -1.92 1.50	56.51 -1.57 0.00	51.23 -1.05 0.00	47.35 0.37 0.00	43.55 0.13 0.00	39.05 -0.47 0.00	35.75 0.53 0.00	31.72 0.22 0.00

FALCON___SEABRD_CC2 323797	31.69 0.19 0.01	28.55 0.17 0.13	27.68 0.11 0.09	26.23 0.08 0.01	25.71 0.03 0.00	27.15 -0.05 0.07	27.45 0.11 0.08	29.89 0.21 0.22	32.01 0.16 0.35	35.30 -0.11 0.55	35.47 0.00 0.54	38.59 0.12 0.01	37.30 -0.97 0.70	39.14 -1.06 0.68	43.66 -0.94 0.01	47.69 -1.00 1.41	49.88 -1.92 1.50	56.51 -1.57 0.00	51.23 -1.05 0.00	47.35 0.37 0.00	43.55 0.13 0.00	39.05 -0.47 0.00	35.75 0.53 0.00	31.72 0.22 0.00
FAR ROCKAWAY___4 23548	40.65 3.59 -5.55	39.81 3.14 -8.16	37.87 2.85 -7.36	35.44 2.64 -6.64	33.69 2.47 -5.54	37.68 2.81 -7.60	38.42 2.80 -8.20	39.42 3.29 -6.24	40.55 3.83 -4.53	41.15 4.39 -0.80	40.51 4.50 0.00	44.61 4.73 -1.39	43.92 4.95 0.00	45.83 4.95 0.00	49.78 5.17 0.00	55.26 5.16 0.00	58.73 5.44 0.00	63.71 5.63 0.00	57.19 4.91 0.00	51.63 4.65 0.00	47.71 4.30 0.00	43.75 4.23 0.00	38.88 3.66 0.00	36.95 3.50 -1.95
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	34.31 2.80 0.00	30.93 2.42 0.00	29.87 2.21 0.00	28.19 2.04 0.00	27.56 1.87 0.00	29.45 2.18 0.00	29.61 2.19 0.00	32.55 2.66 0.00	35.35 3.16 0.00	39.52 3.56 0.00	39.70 3.67 -0.02	42.21 3.73 0.00	42.99 4.01 0.00	44.93 4.05 0.00	48.71 4.10 0.00	54.46 4.36 0.00	57.66 4.37 0.00	62.49 4.41 0.00	56.15 3.87 0.00	50.36 3.38 0.00	46.54 3.13 0.00	42.52 3.00 0.00	37.97 2.75 0.00	34.08 2.58 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	34.31 2.80 0.00	30.93 2.42 0.00	29.87 2.21 0.00	28.19 2.04 0.00	27.56 1.87 0.00	29.45 2.18 0.00	29.61 2.19 0.00	32.55 2.66 0.00	35.35 3.16 0.00	39.52 3.56 0.00	39.70 3.67 -0.02	42.21 3.73 0.00	42.99 4.01 0.00	44.93 4.05 0.00	48.71 4.10 0.00	54.46 4.36 0.00	57.66 4.37 0.00	62.49 4.41 0.00	56.15 3.87 0.00	50.36 3.38 0.00	46.58 3.17 0.00	42.52 3.00 0.00	38.00 2.78 0.00	34.08 2.58 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	34.28 2.77 0.00	30.90 2.39 0.00	29.84 2.19 0.00	28.17 2.01 0.00	27.53 1.85 0.00	29.42 2.15 0.00	29.59 2.17 0.00	32.52 2.63 0.00	35.32 3.12 0.00	39.52 3.56 0.00	39.66 3.64 -0.02	42.18 3.69 0.00	42.95 3.98 0.00	44.89 4.01 0.00	48.66 4.06 0.00	54.41 4.31 0.00	57.61 4.32 0.00	62.43 4.36 0.00	56.09 3.82 0.00	50.31 3.34 0.00	46.50 3.08 0.00	42.48 2.96 0.00	37.97 2.75 0.00	34.05 2.55 0.00
FARRAGUT___LBMP 323566	34.24 2.74 0.00	30.87 2.37 0.00	29.82 2.16 0.00	28.14 1.99 0.00	27.51 1.82 0.00	29.40 2.13 0.00	29.56 2.14 0.00	32.49 2.60 0.00	39.45 3.09 0.00	39.45 3.49 0.00	39.63 3.60 -0.02	42.10 3.62 0.00	42.87 3.90 0.00	44.85 3.97 0.00	48.62 4.01 0.00	54.36 4.26 0.00	57.56 4.26 0.00	62.37 4.30 0.00	56.04 3.76 0.00	50.27 3.29 0.00	46.45 3.04 0.00	42.44 2.92 0.00	37.93 2.71 0.00	34.02 2.52 0.00
FENNER___WINDPWR 24204	32.35 0.85 0.00	29.18 0.74 0.06	28.25 0.64 0.04	26.72 0.57 0.00	26.28 0.59 0.00	27.92 0.68 0.03	28.12 0.74 0.04	30.57 0.78 0.10	32.80 0.77 0.17	36.59 0.90 0.26	36.72 0.97 0.26	39.67 1.19 0.00	39.80 1.17 0.34	41.86 1.31 0.33	46.12 1.52 0.00	51.07 1.65 0.68	54.43 1.86 0.72	60.23 2.15 0.00	54.21 1.94 0.00	48.72 1.74 0.00	45.11 1.69 0.00	41.10 1.58 0.00	36.42 1.20 0.00	32.48 0.98 0.00
FIBERTEK___ENERGY 23856	31.50 0.00 0.00	28.44 -0.03 0.04	27.55 -0.08 0.03	26.05 -0.10 0.00	25.56 -0.13 0.00	27.17 -0.08 0.02	27.40 0.00 0.02	29.83 0.00 0.06	32.03 -0.06 0.10	35.87 0.07 0.16	36.07 0.22 0.16	38.86 0.38 0.00	39.12 0.35 0.20	41.10 0.41 0.19	45.18 0.58 0.00	50.35 0.65 0.40	53.56 0.69 0.43	58.83 0.75 0.00	52.90 0.63 0.00	47.35 0.38 0.00	43.85 0.43 0.00	39.99 0.47 0.00	35.54 0.32 0.00	31.75 0.25 0.00
FITZPATRICK____ 23598	30.62 -0.88 0.00	27.68 -0.83 0.00	26.83 -0.83 0.00	25.37 -0.78 0.00	24.91 -0.77 0.00	26.45 -0.82 0.00	26.65 -0.77 0.00	29.06 -0.84 0.00	31.23 -0.97 0.00	34.95 -1.01 0.00	35.11 -0.90 0.00	37.64 -0.85 0.00	38.08 -0.89 0.00	39.98 -0.90 0.00	43.67 -0.94 0.00	49.05 -1.05 0.00	52.17 -1.12 0.00	56.85 -1.22 0.00	51.18 -1.10 0.00	45.90 -1.08 0.00	42.42 -1.00 0.00	38.65 -0.87 0.00	34.41 -0.81 0.00	30.78 -0.72 0.00
FLOWRFLD_69_KV_BK1 356044	40.58 3.53 -5.55	39.78 3.11 -8.16	37.90 2.88 -7.36	35.51 2.72 -6.64	33.79 2.57 -5.54	37.79 2.92 -7.60	38.50 2.88 -8.20	39.54 3.41 -6.24	40.72 3.90 -4.63	42.29 4.35 -1.98	50.52 4.03 -10.48	159.21 4.46 -116.27	158.38 4.68 -114.73	167.60 4.37 -122.34	169.93 4.55 -120.78	174.41 4.81 -119.50	259.11 5.01 -200.81	371.18 5.23 -307.87	203.06 4.50 -146.28	169.35 3.85 -118.52	167.21 3.56 -120.24	158.77 3.91 -115.33	66.45 3.28 -27.96	38.97 3.24 -4.22
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	34.12 2.61 0.00	30.85 2.34 0.00	29.79 2.13 0.00	28.11 1.96 0.00	27.51 1.82 0.00	29.37 2.10 0.00	29.45 2.03 0.00	32.20 2.30 0.00	34.93 2.74 0.00	39.02 3.06 0.00	39.11 3.10 0.00	41.64 3.16 0.00	42.40 3.43 0.00	44.48 3.60 0.00	48.31 3.70 0.00	54.16 4.06 0.00	57.50 4.21 0.00	62.61 4.53 0.00	56.25 3.97 0.00	50.46 3.48 0.00	46.58 3.17 0.00	42.40 2.88 0.00	37.72 2.50 0.00	33.83 2.33 0.00
FORT ORANGE____ 23900	32.51 1.01 0.00	29.45 0.94 0.00	28.52 0.86 0.00	26.99 0.84 0.00	26.45 0.77 0.00	28.09 0.82 0.00	28.19 0.77 0.00	30.76 0.87 0.00	33.16 0.96 0.00	37.04 1.08 0.00	36.87 0.86 0.00	39.37 0.89 0.00	39.79 0.82 0.00	41.78 0.90 0.00	45.50 0.89 0.00	51.10 1.00 0.00	54.41 1.12 0.00	59.35 1.28 0.00	53.48 1.20 0.00	48.20 1.22 0.00	44.54 1.13 0.00	40.47 0.95 0.00	36.31 1.09 0.00	32.57 1.07 0.00
FORT_DRUM_COGEN 23780	31.04 -0.44 0.02	27.61 -0.46 0.44	26.81 -0.55 0.29	25.61 -0.52 0.02	25.27 -0.41 0.00	26.58 -0.46 0.22	26.82 -0.33 0.27	28.72 -0.45 0.73	30.40 -0.64 1.15	33.42 -0.72 1.82	33.33 -0.86 1.81	37.61 -0.85 0.02	35.70 -0.94 2.33	37.65 -0.98 2.25	43.47 -1.12 0.02	44.16 -1.25 4.69	47.13 -1.17 4.99	57.20 -0.87 0.00	51.70 -0.58 0.00	46.88 -0.09 0.00	43.55 0.13 0.00	39.76 0.24 0.00	35.11 -0.11 0.00	31.16 -0.35 0.00
FOX_HILLS___ESR 323835	34.50 2.99 -0.01	31.11 2.59 -0.01	30.05 2.38 -0.01	28.33 2.17 -0.01	27.70 2.00 -0.01	29.62 2.35 -0.01	29.64 2.22 0.00	32.55 2.66 0.00	35.45 3.25 0.00	42.20 3.70 -2.53	52.39 3.89 -12.49	42.37 3.89 0.00	73.11 4.17 -29.97	71.92 4.29 -26.75	69.82 4.37 -20.84	81.22 4.46 -26.66	119.51 4.42 -61.79	70.03 4.53 -7.42	73.68 3.87 -17.53	69.84 3.48 -19.38	46.77 3.30 -0.06	42.85 3.28 -0.06	42.26 3.03 -4.02	45.34 2.80 -11.04
FPL FAR_ROCK_GT1 24212	40.66 3.59 -5.56	39.81 3.14 -8.17	37.88 2.85 -7.37	35.44 2.64 -6.65	33.72 2.49 -5.54	37.69 2.81 -7.61	38.42 2.80 -8.21	39.43 3.29 -6.25	40.56 3.83 -4.53	41.15 4.39 -0.81	40.51 4.50 0.00	44.57 4.69 -1.40	43.93 4.95 -0.01	45.83 4.94 0.00	49.78 5.17 0.00	55.21 5.11 0.00	58.78 5.49 0.00	63.65 5.58 0.00	57.14 4.86 0.00	51.59 4.61 0.00	47.63 4.21 0.00	43.83 4.31 0.00	38.88 3.66 0.00	36.96 3.50 -1.96

FPL FAR_ROCK_GT2 23815	40.66 3.59 -5.56	39.81 3.14 -8.17	37.88 2.85 -7.37	35.44 2.64 -6.65	33.72 2.49 -5.54	37.69 2.81 -7.61	38.42 2.80 -8.21	39.43 3.29 -6.25	40.56 3.83 -4.53	41.15 4.39 -0.81	40.51 4.50 0.00	44.57 4.69 -1.40	43.93 4.95 -0.01	45.83 4.94 0.00	49.78 5.17 0.00	55.21 5.11 0.00	58.78 5.49 0.00	63.65 5.58 0.00	57.14 4.86 0.00	51.59 4.61 0.00	47.63 4.21 0.00	43.83 4.31 0.00	38.88 3.66 0.00	36.96 3.50 -1.96
FRANKLIN_FALL_HYD 24054	30.84 -0.63 0.03	27.34 -0.57 0.59	26.71 -0.55 0.39	25.63 -0.50 0.03	25.35 -0.33 0.00	26.37 -0.60 0.30	26.62 -0.44 0.36	28.47 -0.45 0.97	30.10 -0.55 1.55	32.68 -0.83 2.45	32.71 -0.86 2.43	37.53 -0.92 0.03	34.51 -1.33 3.13	36.39 -1.47 3.02	43.10 -1.47 0.03	42.26 -1.55 6.29	44.73 -1.87 6.70	56.39 -1.68 0.00	50.97 -1.31 0.00	46.51 -0.47 0.00	42.94 -0.48 0.00	38.65 -0.87 0.00	34.76 -0.46 0.00	30.90 -0.60 0.00
FREEPORT_EQUS_GT1 23764	40.37 3.31 -5.56	39.56 2.88 -8.17	37.69 2.66 -7.37	35.26 2.46 -6.65	33.57 2.34 -5.54	37.50 2.62 -7.61	38.23 2.61 -8.21	39.22 3.08 -6.25	40.27 3.54 -4.53	40.83 4.06 -0.81	40.11 4.10 0.00	44.11 4.23 -1.40	43.50 4.52 -0.01	45.30 4.42 0.00	49.20 4.60 0.00	54.61 4.51 0.00	58.09 4.80 0.00	62.84 4.76 0.00	56.41 4.13 0.00	50.74 3.76 0.00	46.84 3.43 0.00	43.35 3.83 0.00	38.46 3.24 0.00	36.61 3.15 -1.96
FREEPORT___CT2 23818	40.37 3.31 -5.56	39.56 2.88 -8.17	37.69 2.66 -7.37	35.26 2.46 -6.65	33.57 2.34 -5.54	37.50 2.62 -7.61	38.23 2.61 -8.21	39.22 3.08 -6.25	40.27 3.54 -4.53	40.83 4.06 -0.81	40.11 4.10 0.00	44.11 4.23 -1.40	43.50 4.52 -0.01	45.30 4.42 0.00	49.20 4.60 0.00	54.61 4.51 0.00	58.09 4.80 0.00	62.84 4.76 0.00	56.41 4.13 0.00	50.74 3.76 0.00	46.84 3.43 0.00	43.35 3.83 0.00	38.46 3.24 0.00	36.61 3.15 -1.96
FRESHKLS_33_KV_LOAD 356253	34.47 2.96 -0.01	31.08 2.57 -0.01	30.02 2.35 -0.01	28.33 2.17 -0.01	27.67 1.98 -0.01	29.62 2.35 -0.01	29.61 2.19 0.00	32.49 2.60 0.00	35.38 3.19 0.01	39.88 3.63 -0.28	40.27 3.82 -0.44	41.83 3.85 0.50	41.84 4.17 1.31	43.16 4.25 1.97	43.10 4.33 5.83	43.19 4.46 11.37	43.23 4.42 14.49	43.50 4.47 19.05	43.06 3.82 13.03	41.88 3.48 8.57	41.45 3.30 5.26	41.39 3.24 1.37	40.27 2.99 -2.06	39.90 2.74 -5.65
FULTON COGEN____ 23766	31.03 -0.47 0.00	27.97 -0.48 0.06	27.12 -0.50 0.04	25.65 -0.50 0.00	25.17 -0.51 0.00	26.75 -0.49 0.03	26.95 -0.44 0.03	29.32 -0.48 0.09	31.47 -0.58 0.14	35.19 -0.54 0.23	35.39 -0.40 0.23	38.17 -0.31 0.00	38.29 -0.39 0.29	40.23 -0.37 0.28	44.25 -0.36 0.00	49.16 -0.35 0.59	52.29 -0.37 0.63	57.67 -0.41 0.00	51.91 -0.37 0.00	46.51 -0.47 0.00	43.07 -0.35 0.00	39.28 -0.24 0.00	34.97 -0.25 0.00	31.25 -0.25 0.00
FULTON___LFGE 323630	35.51 4.00 0.00	32.13 3.62 0.00	30.92 3.26 0.00	29.24 3.08 0.00	28.59 2.90 0.00	30.51 3.24 0.00	30.93 3.51 0.00	33.75 3.86 0.00	36.16 3.96 0.00	40.09 4.13 0.00	39.87 3.85 0.00	43.06 4.58 0.00	43.76 4.79 0.00	45.62 4.74 0.00	49.82 5.22 0.00	56.46 6.36 0.00	59.85 6.55 0.00	66.56 8.48 0.00	60.32 8.05 0.00	54.73 7.75 0.00	50.23 6.82 0.00	45.41 5.89 0.00	40.25 5.04 0.00	35.82 4.32 0.00
G.F.CEMENT___DRP 24184	33.68 2.17 0.00	30.45 1.94 0.00	29.37 1.71 0.00	27.85 1.70 0.00	27.23 1.54 0.00	28.93 1.66 0.00	29.15 1.73 0.00	31.87 1.97 0.00	34.39 2.19 0.00	38.40 2.45 0.00	37.99 1.98 0.00	40.75 2.27 0.00	41.31 2.34 0.00	43.17 2.29 0.00	47.10 2.50 0.00	53.06 2.96 0.00	56.49 3.20 0.00	61.85 3.77 0.00	56.25 3.97 0.00	50.92 3.95 0.00	47.02 3.60 0.00	42.60 3.08 0.00	37.65 2.43 0.00	33.68 2.17 0.00
GARDENVILLE___LBMP 24039	30.78 -0.72 0.00	27.82 -0.68 0.00	26.83 -0.83 0.00	25.26 -0.89 0.00	24.84 -0.85 0.00	26.53 -0.74 0.00	26.90 -0.52 0.00	28.94 -0.96 0.00	30.97 -1.22 0.00	35.02 -0.93 0.00	36.15 0.14 0.00	39.10 0.62 0.00	39.40 0.43 0.00	41.70 0.82 0.00	45.99 1.38 0.00	51.50 1.40 0.00	54.20 0.91 0.00	59.35 1.28 0.00	53.01 0.73 0.00	46.98 0.00 0.00	43.24 -0.17 0.00	40.15 0.63 0.00	35.54 0.32 0.00	31.79 0.28 0.00
GARDNVLA_35_KV_LD 355827	30.94 -0.57 0.00	27.94 -0.57 0.00	26.94 -0.72 0.00	25.34 -0.81 0.00	24.94 -0.74 0.00	26.61 -0.65 0.00	27.01 -0.41 0.00	29.06 -0.84 0.00	31.10 -1.09 0.00	35.17 -0.79 0.00	36.30 0.29 0.00	39.29 0.81 0.00	39.63 0.66 0.00	41.95 1.06 0.00	46.26 1.65 0.00	51.80 1.70 0.00	54.52 1.23 0.00	59.64 1.57 0.00	53.27 0.99 0.00	47.21 0.23 0.00	43.46 0.04 0.00	40.35 0.83 0.00	35.71 0.49 0.00	31.94 0.44 0.00
GELCKHM___115KV_LOAD 80723	31.25 -0.25 0.00	28.21 -0.26 0.04	27.33 -0.30 0.03	25.86 -0.29 0.00	25.38 -0.31 0.00	26.97 -0.27 0.02	27.18 -0.22 0.03	29.59 -0.24 0.07	31.80 -0.29 0.11	35.57 -0.22 0.17	35.77 -0.07 0.17	38.52 0.04 0.00	38.79 0.04 0.22	40.75 0.08 0.21	44.78 0.18 0.00	49.91 0.25 0.44	53.03 0.21 0.47	58.31 0.23 0.00	52.43 0.16 0.00	46.93 -0.05 0.00	43.46 0.04 0.00	39.64 0.12 0.00	35.22 0.00 0.00	31.47 -0.03 0.00
GENERAL___MILLS 23808	30.87 -0.63 0.00	27.88 -0.63 0.00	26.88 -0.77 0.00	25.32 -0.84 0.00	24.89 -0.80 0.00	26.59 -0.68 0.00	26.95 -0.47 0.00	29.00 -0.90 0.00	31.04 -1.16 0.00	35.10 -0.86 0.00	36.23 0.22 0.00	39.17 0.69 0.00	39.52 0.55 0.00	41.82 0.94 0.00	46.12 1.52 0.00	51.65 1.55 0.00	54.36 1.07 0.00	59.47 1.39 0.00	53.11 0.84 0.00	47.07 0.09 0.00	43.33 -0.09 0.00	40.23 0.71 0.00	35.61 0.39 0.00	31.88 0.38 0.00
GE_PLASTICS___DRP 24183	32.54 1.04 0.00	29.48 0.97 0.00	28.60 0.94 0.00	27.04 0.89 0.00	26.51 0.82 0.00	28.17 0.90 0.00	28.24 0.82 0.00	30.82 0.93 0.00	33.26 1.06 0.00	37.15 1.19 0.00	37.05 1.04 0.00	39.52 1.04 0.00	39.75 0.78 0.00	41.66 0.78 0.00	45.41 0.80 0.00	51.00 0.90 0.00	54.31 1.01 0.00	59.12 1.05 0.00	53.27 0.99 0.00	47.92 0.94 0.00	44.28 0.87 0.00	40.23 0.71 0.00	36.13 0.92 0.00	32.42 0.91 0.00
GILBOA___1 23756	32.70 1.20 0.00	29.71 1.20 0.00	28.96 1.30 0.00	27.38 1.23 0.00	26.87 1.18 0.00	28.58 1.31 0.00	28.49 1.07 0.00	31.03 1.14 0.00	33.35 1.16 0.00	37.29 1.33 0.00	37.30 1.29 0.00	39.79 1.31 0.00	40.37 1.40 0.00	42.35 1.47 0.00	46.12 1.52 0.00	51.80 1.70 0.00	54.95 1.65 0.00	59.76 1.69 0.00	53.79 1.52 0.00	48.44 1.46 0.00	44.76 1.35 0.00	40.75 1.23 0.00	36.24 1.02 0.00	32.48 0.98 0.00
GILBOA___2 23757	32.70 1.20 0.00	29.71 1.20 0.00	28.96 1.30 0.00	27.38 1.23 0.00	26.87 1.18 0.00	28.58 1.31 0.00	28.49 1.07 0.00	31.03 1.14 0.00	33.35 1.16 0.00	37.29 1.33 0.00	37.30 1.29 0.00	39.79 1.31 0.00	40.37 1.40 0.00	42.35 1.47 0.00	46.12 1.52 0.00	51.80 1.70 0.00	54.95 1.65 0.00	59.76 1.69 0.00	53.79 1.52 0.00	48.44 1.46 0.00	44.76 1.35 0.00	40.75 1.23 0.00	36.24 1.02 0.00	32.48 0.98 0.00

GILBOA___3 23758	32.70 1.20 0.00	29.71 1.20 0.00	28.96 1.30 0.00	27.38 1.23 0.00	26.87 1.18 0.00	28.58 1.31 0.00	28.49 1.07 0.00	31.03 1.14 0.00	33.35 1.16 0.00	37.29 1.33 0.00	37.30 1.29 0.00	39.79 1.31 0.00	40.37 1.40 0.00	42.35 1.47 0.00	46.12 1.52 0.00	51.80 1.70 0.00	54.95 1.65 0.00	59.76 1.69 0.00	53.79 1.52 0.00	48.44 1.46 0.00	44.76 1.35 0.00	40.75 1.23 0.00	36.24 1.02 0.00	32.48 0.98 0.00
GILBOA___4 23759	32.70 1.20 0.00	29.71 1.20 0.00	28.96 1.30 0.00	27.38 1.23 0.00	26.87 1.18 0.00	28.58 1.31 0.00	28.49 1.07 0.00	31.03 1.14 0.00	33.35 1.16 0.00	37.29 1.33 0.00	37.30 1.29 0.00	39.79 1.31 0.00	40.37 1.40 0.00	42.35 1.47 0.00	46.12 1.52 0.00	51.80 1.70 0.00	54.95 1.65 0.00	59.76 1.69 0.00	53.79 1.52 0.00	48.44 1.46 0.00	44.76 1.35 0.00	40.75 1.23 0.00	36.24 1.02 0.00	32.48 0.98 0.00
GILBOA___ 23599	32.70 1.20 0.00	29.71 1.20 0.00	28.99 1.33 0.00	27.38 1.23 0.00	26.84 1.16 0.00	28.58 1.31 0.00	28.49 1.07 0.00	31.03 1.14 0.00	33.36 1.16 0.00	37.29 1.33 0.00	37.31 1.30 0.00	39.83 1.35 0.00	40.37 1.40 0.00	42.35 1.47 0.00	46.12 1.52 0.00	51.80 1.70 0.00	55.10 1.81 0.00	59.82 1.74 0.00	53.79 1.52 0.00	48.43 1.46 0.00	44.76 1.35 0.00	40.74 1.23 0.00	36.24 1.02 0.00	32.48 0.98 0.00
GINNA___ 23603	29.83 -1.67 0.00	26.94 -1.57 0.00	26.03 -1.63 0.00	24.53 -1.62 0.00	24.14 -1.54 0.00	25.63 -1.64 0.00	25.97 -1.45 0.00	28.28 -1.61 0.00	30.33 -1.87 0.00	34.13 -1.83 0.00	34.72 -1.29 0.00	37.44 -1.04 0.00	37.84 -1.13 0.00	39.86 -1.02 0.00	43.89 -0.72 0.00	49.20 -0.90 0.00	52.28 -1.01 0.00	57.14 -0.93 0.00	51.23 -1.05 0.00	45.76 -1.22 0.00	42.15 -1.26 0.00	38.57 -0.95 0.00	34.20 -1.02 0.00	30.56 -0.94 0.00
GLEN PARK___ 23778	31.23 -0.25 0.02	27.83 -0.26 0.42	26.97 -0.41 0.28	25.71 -0.42 0.02	25.35 -0.33 0.00	26.70 -0.36 0.21	26.97 -0.19 0.26	28.85 -0.36 0.69	30.56 -0.55 1.09	33.62 -0.61 1.73	33.53 -0.76 1.72	37.77 -0.69 0.02	35.94 -0.82 2.21	37.88 -0.86 2.14	43.56 -1.02 0.02	44.55 -1.10 4.45	47.60 -0.96 4.74	57.50 -0.58 0.00	52.02 -0.26 0.00	47.26 0.28 0.00	43.89 0.48 0.00	40.07 0.55 0.00	35.36 0.14 0.00	31.35 -0.16 0.00
GLENDALE_27_KV_LOAD 356172	34.60 3.09 -0.01	31.17 2.65 -0.01	30.09 2.43 0.00	28.38 2.22 0.00	27.71 2.03 0.00	29.64 2.37 0.00	29.78 2.36 0.00	32.73 2.84 0.00	35.61 3.41 0.00	41.80 3.88 -1.96	41.80 4.00 -1.80	42.60 4.12 0.00	47.59 4.36 -4.25	49.13 4.46 -3.79	49.15 4.55 0.00	54.76 4.66 0.00	57.93 4.64 0.00	62.77 4.70 0.01	56.30 4.03 0.00	50.60 3.62 0.00	46.85 3.43 0.00	42.88 3.36 0.00	38.36 3.13 -0.01	34.41 2.90 -0.01
GLENWOOD_IC_1_G5 23712	40.30 3.24 -5.55	39.49 2.82 -8.16	37.62 2.60 -7.36	35.20 2.41 -6.64	33.48 2.26 -5.54	37.44 2.56 -7.60	38.17 2.55 -8.20	39.15 3.02 -6.24	40.30 3.57 -4.53	40.82 4.06 -0.80	40.15 4.14 0.00	43.95 4.08 -1.39	43.26 4.29 0.00	45.09 4.21 0.00	48.98 4.37 0.00	54.71 4.61 0.00	58.09 4.80 0.00	62.95 4.88 0.00	56.46 4.18 0.00	50.60 3.62 0.00	46.76 3.34 0.00	42.92 3.40 0.00	38.42 3.20 0.00	36.54 3.09 -1.95
GLENWOOD_IC_2_G1 23688	40.18 3.12 -5.56	39.42 2.74 -8.17	37.55 2.52 -7.37	35.13 2.33 -6.65	33.44 2.21 -5.54	37.36 2.48 -7.61	38.12 2.49 -8.21	39.07 2.93 -6.25	40.18 3.45 -4.53	40.69 3.92 -0.81	39.97 3.96 0.00	44.04 4.16 -1.40	43.34 4.36 -0.01	45.13 4.25 0.00	49.02 4.42 0.00	54.71 4.61 0.00	58.19 4.90 0.00	62.96 4.88 0.00	56.51 4.23 0.00	50.65 3.67 0.00	46.76 3.34 0.00	43.15 3.63 0.00	38.28 3.06 0.00	36.42 2.96 -1.96
GLENWOOD_IC_3_G1 23689	40.18 3.12 -5.56	39.42 2.74 -8.17	37.55 2.52 -7.37	35.13 2.33 -6.65	33.44 2.21 -5.54	37.36 2.48 -7.61	38.12 2.49 -8.21	39.07 2.93 -6.25	40.18 3.45 -4.53	40.69 3.92 -0.81	39.97 3.96 0.00	44.04 4.16 -1.40	43.34 4.36 -0.01	45.13 4.25 0.00	49.02 4.42 0.00	54.71 4.61 0.00	58.19 4.90 0.00	62.96 4.88 0.00	56.51 4.23 0.00	50.65 3.67 0.00	46.76 3.34 0.00	43.15 3.63 0.00	38.28 3.06 0.00	36.42 2.96 -1.96
GLENWOOD___4 23550	40.30 3.24 -5.55	39.49 2.82 -8.16	37.62 2.60 -7.36	35.20 2.41 -6.64	33.48 2.26 -5.54	37.44 2.56 -7.60	38.17 2.55 -8.20	39.15 3.02 -6.24	40.30 3.57 -4.53	40.82 4.06 -0.80	40.15 4.14 0.00	44.07 4.19 -1.39	43.37 4.40 0.00	45.22 4.33 0.00	49.07 4.46 0.00	54.86 4.76 0.00	58.25 4.96 0.00	63.13 5.05 0.00	56.62 4.34 0.00	50.74 3.76 0.00	46.85 3.43 0.00	43.04 3.52 0.00	38.42 3.20 0.00	36.54 3.09 -1.95
GLENWOOD___5 23614	40.30 3.24 -5.55	39.49 2.82 -8.16	37.62 2.60 -7.36	35.20 2.41 -6.64	33.48 2.26 -5.54	37.44 2.56 -7.60	38.17 2.55 -8.20	39.15 3.02 -6.24	40.30 3.57 -4.53	40.82 4.06 -0.80	40.15 4.14 0.00	44.07 4.19 -1.39	43.37 4.40 0.00	45.22 4.33 0.00	49.07 4.46 0.00	54.86 4.76 0.00	58.25 4.96 0.00	63.13 5.05 0.00	56.62 4.34 0.00	50.74 3.76 0.00	46.85 3.43 0.00	43.04 3.52 0.00	38.42 3.20 0.00	36.54 3.09 -1.95
GLOBAL GREEN_PORT_GT1 23814	41.57 4.50 -5.56	40.61 3.94 -8.17	38.54 3.51 -7.37	36.07 3.27 -6.65	34.39 3.16 -5.54	38.42 3.54 -7.61	39.11 3.48 -8.21	40.33 4.18 -6.25	41.74 4.93 -4.62	43.30 5.65 -1.69	54.82 5.91 -12.91	132.24 6.43 -87.34	131.47 6.66 -85.83	139.10 6.71 -91.51	141.99 7.05 -90.34	147.20 7.71 -89.39	211.82 8.31 -150.21	297.15 8.77 -230.30	169.44 7.74 -109.43	142.30 6.67 -88.66	139.39 6.03 -89.94	132.43 6.20 -86.71	64.73 5.07 -24.44	40.16 4.76 -3.90
GLOBE___DSASP 323697	29.61 -1.89 0.00	26.77 -1.74 0.00	25.83 -1.83 0.00	24.32 -1.83 0.00	23.94 -1.75 0.00	25.52 -1.75 0.00	25.88 -1.54 0.00	27.74 -2.15 0.00	29.65 -2.54 0.00	33.51 -2.45 0.00	34.64 -1.37 0.00	37.44 -1.04 0.00	37.69 -1.29 0.00	39.82 -1.06 0.00	43.89 -0.71 0.00	49.10 -1.00 0.00	51.64 -1.65 0.00	56.57 -1.51 0.00	50.55 -1.73 0.00	44.91 -2.07 0.00	41.37 -2.04 0.00	38.45 -1.07 0.00	34.13 -1.09 0.00	30.56 -0.95 0.00
GOETHSLN___LBMP 323567	34.12 2.61 0.00	30.73 2.22 0.00	29.68 2.02 0.00	28.01 1.86 0.00	27.38 1.70 0.00	29.26 1.99 0.00	29.42 2.00 0.00	32.35 2.45 0.00	35.16 2.96 0.00	39.27 3.31 0.00	39.45 3.42 -0.02	41.38 3.39 0.49	41.34 3.66 1.30	42.60 3.68 1.96	42.49 3.70 5.82	42.65 3.91 11.36	42.70 3.89 14.48	42.93 3.89 19.04	42.65 3.40 13.03	41.37 2.96 8.57	40.94 2.78 5.26	40.80 2.65 1.36	37.72 2.50 0.00	33.86 2.36 0.00
GOLAH___69_KV_TB 1_2 80279	31.31 -0.19 0.00	28.25 -0.26 0.00	27.27 -0.39 0.00	25.66 -0.50 0.00	25.30 -0.39 0.00	26.89 -0.38 0.00	27.23 -0.19 0.00	29.51 -0.39 0.00	31.55 -0.64 0.00	35.42 -0.54 0.00	36.23 0.22 0.00	38.91 0.42 0.00	39.24 0.27 0.00	41.50 0.61 0.00	45.68 1.07 0.00	51.20 1.10 0.00	54.25 0.96 0.00	59.35 1.28 0.00	53.22 0.94 0.00	47.45 0.47 0.00	43.72 0.30 0.00	40.23 0.71 0.00	35.64 0.42 0.00	31.91 0.41 0.00

GOODYEAR_LAKE_HYD 323669	33.02 1.51 0.00	29.90 1.40 0.00	28.96 1.30 0.00	27.36 1.20 0.00	26.84 1.16 0.00	28.66 1.39 0.00	28.82 1.40 0.00	31.33 1.43 0.00	33.65 1.45 0.00	37.61 1.65 0.00	37.70 1.69 0.00	40.41 1.92 0.00	40.96 1.99 0.00	42.97 2.09 0.00	46.88 2.27 0.00	52.60 2.50 0.00	55.90 2.61 0.00	61.04 2.96 0.00	55.05 2.77 0.00	49.52 2.54 0.00	45.80 2.39 0.00	41.73 2.21 0.00	37.01 1.80 0.00	33.01 1.51 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	31.88 0.38 0.00	28.82 0.31 0.00	27.91 0.25 0.00	26.34 0.18 0.00	25.86 0.18 0.00	27.57 0.30 0.00	27.78 0.36 0.00	30.19 0.30 0.00	32.42 0.23 0.00	36.39 0.43 0.00	36.77 0.76 0.00	39.44 0.96 0.00	39.91 0.94 0.00	41.95 1.06 0.00	45.94 1.34 0.00	51.60 1.50 0.00	54.84 1.55 0.00	59.82 1.74 0.00	53.79 1.52 0.00	48.01 1.03 0.00	44.37 0.96 0.00	40.63 1.11 0.00	36.03 0.81 0.00	32.16 0.66 0.00
GOUDEY___7 23579	31.91 0.41 0.00	28.85 0.34 0.00	27.94 0.28 0.00	26.36 0.21 0.00	25.89 0.21 0.00	27.60 0.33 0.00	27.80 0.38 0.00	30.22 0.33 0.00	32.45 0.26 0.00	36.43 0.47 0.00	36.80 0.79 0.00	39.48 1.00 0.00	39.95 0.97 0.00	42.03 1.14 0.00	45.99 1.38 0.00	51.70 1.60 0.00	54.94 1.65 0.00	59.88 1.80 0.00	53.85 1.57 0.00	48.06 1.08 0.00	44.46 1.04 0.00	40.66 1.15 0.00	36.06 0.85 0.00	32.19 0.69 0.00
GOUDEY___8 23580	31.88 0.38 0.00	28.82 0.31 0.00	27.91 0.25 0.00	26.34 0.18 0.00	25.86 0.18 0.00	27.57 0.30 0.00	27.78 0.36 0.00	30.19 0.30 0.00	32.42 0.23 0.00	36.39 0.43 0.00	36.77 0.76 0.00	39.44 0.96 0.00	39.91 0.94 0.00	41.95 1.06 0.00	45.94 1.34 0.00	51.60 1.50 0.00	54.84 1.55 0.00	59.82 1.74 0.00	53.79 1.52 0.00	48.01 1.03 0.00	44.37 0.96 0.00	40.63 1.11 0.00	36.03 0.81 0.00	32.16 0.66 0.00
GOWANUS_GT1_1 24077	34.60 3.09 -0.01	31.20 2.68 -0.01	30.10 2.43 -0.01	28.38 2.22 -0.01	27.75 2.05 -0.01	29.65 2.37 -0.01	29.72 2.30 0.00	32.64 2.75 0.00	35.58 3.38 0.00	42.34 3.85 -2.53	52.50 4.00 -12.49	42.52 4.04 0.00	73.27 4.33 -29.97	72.05 4.42 -26.75	69.96 4.51 -20.84	81.37 4.61 -26.66	119.67 4.58 -61.79	70.14 4.65 -7.42	73.78 3.97 -17.53	69.98 3.62 -19.38	46.90 3.43 -0.06	42.93 3.36 -0.06	42.37 3.13 -4.02	45.41 2.87 -11.04
GOWANUS_GT1_2 24078	34.60 3.09 -0.01	31.20 2.68 -0.01	30.10 2.43 -0.01	28.38 2.22 -0.01	27.75 2.05 -0.01	29.65 2.37 -0.01	29.72 2.30 0.00	32.64 2.75 0.00	35.58 3.38 0.00	42.34 3.85 -2.53	52.50 4.00 -12.49	42.52 4.04 0.00	73.27 4.33 -29.97	72.05 4.42 -26.75	69.96 4.51 -20.84	81.37 4.61 -26.66	119.67 4.58 -61.79	70.14 4.65 -7.42	73.78 3.97 -17.53	69.98 3.62 -19.38	46.90 3.43 -0.06	42.93 3.36 -0.06	42.37 3.13 -4.02	45.41 2.87 -11.04
GOWANUS_GT1_3 24079	34.60 3.09 -0.01	31.20 2.68 -0.01	30.10 2.43 -0.01	28.38 2.22 -0.01	27.75 2.05 -0.01	29.65 2.37 -0.01	29.72 2.30 0.00	32.64 2.75 0.00	35.58 3.38 0.00	42.34 3.85 -2.53	52.50 4.00 -12.49	42.52 4.04 0.00	73.27 4.33 -29.97	72.05 4.42 -26.75	69.96 4.51 -20.84	81.37 4.61 -26.66	119.67 4.58 -61.79	70.14 4.65 -7.42	73.78 3.97 -17.53	69.98 3.62 -19.38	46.90 3.43 -0.06	42.93 3.36 -0.06	42.37 3.13 -4.02	45.41 2.87 -11.04
GOWANUS_GT1_4 24080	34.60 3.09 -0.01	31.20 2.68 -0.01	30.10 2.43 -0.01	28.38 2.22 -0.01	27.75 2.05 -0.01	29.65 2.37 -0.01	29.72 2.30 0.00	32.64 2.75 0.00	35.58 3.38 0.00	42.34 3.85 -2.53	52.50 4.00 -12.49	42.52 4.04 0.00	73.27 4.33 -29.97	72.05 4.42 -26.75	69.96 4.51 -20.84	81.37 4.61 -26.66	119.67 4.58 -61.79	70.14 4.65 -7.42	73.78 3.97 -17.53	69.98 3.62 -19.38	46.90 3.43 -0.06	42.93 3.36 -0.06	42.37 3.13 -4.02	45.41 2.87 -11.04
GOWANUS_GT1_5 24084	34.60 3.09 -0.01	31.20 2.68 -0.01	30.10 2.43 -0.01	28.38 2.22 -0.01	27.75 2.05 -0.01	29.65 2.37 -0.01	29.72 2.30 0.00	32.64 2.75 0.00	35.58 3.38 0.00	42.34 3.85 -2.53	52.50 4.00 -12.49	42.52 4.04 0.00	73.27 4.33 -29.97	72.05 4.42 -26.75	69.96 4.51 -20.84	81.37 4.61 -26.66	119.67 4.58 -61.79	70.14 4.65 -7.42	73.78 3.97 -17.53	69.98 3.62 -19.38	46.90 3.43 -0.06	42.93 3.36 -0.06	42.37 3.13 -4.02	45.41 2.87 -11.04
GOWANUS_GT1_6 24111	34.60 3.09 -0.01	31.20 2.68 -0.01	30.10 2.43 -0.01	28.38 2.22 -0.01	27.75 2.05 -0.01	29.65 2.37 -0.01	29.72 2.30 0.00	32.64 2.75 0.00	35.58 3.38 0.00	42.34 3.85 -2.53	52.50 4.00 -12.49	42.52 4.04 0.00	73.27 4.33 -29.97	72.05 4.42 -26.75	69.96 4.51 -20.84	81.37 4.61 -26.66	119.67 4.58 -61.79	70.14 4.65 -7.42	73.78 3.97 -17.53	69.98 3.62 -19.38	46.90 3.43 -0.06	42.93 3.36 -0.06	42.37 3.13 -4.02	45.41 2.87 -11.04
GOWANUS_GT1_7 24112	34.60 3.09 -0.01	31.20 2.68 -0.01	30.10 2.43 -0.01	28.38 2.22 -0.01	27.75 2.05 -0.01	29.65 2.37 -0.01	29.72 2.30 0.00	32.64 2.75 0.00	35.58 3.38 0.00	42.34 3.85 -2.53	52.50 4.00 -12.49	42.52 4.04 0.00	73.27 4.33 -29.97	72.05 4.42 -26.75	69.96 4.51 -20.84	81.37 4.61 -26.66	119.67 4.58 -61.79	70.14 4.65 -7.42	73.78 3.97 -17.53	69.98 3.62 -19.38	46.90 3.43 -0.06	42.93 3.36 -0.06	42.37 3.13 -4.02	45.41 2.87 -11.04
GOWANUS_GT1_8 24113	34.60 3.09 -0.01	31.20 2.68 -0.01	30.10 2.43 -0.01	28.38 2.22 -0.01	27.75 2.05 -0.01	29.65 2.37 -0.01	29.72 2.30 0.00	32.64 2.75 0.00	35.58 3.38 0.00	42.34 3.85 -2.53	52.50 4.00 -12.49	42.52 4.04 0.00	73.27 4.33 -29.97	72.05 4.42 -26.75	69.96 4.51 -20.84	81.37 4.61 -26.66	119.67 4.58 -61.79	70.14 4.65 -7.42	73.78 3.97 -17.53	69.98 3.62 -19.38	46.90 3.43 -0.06	42.93 3.36 -0.06	42.37 3.13 -4.02	45.41 2.87 -11.04
GOWANUS_GT2_1 24114	34.60 3.09 -0.01	31.17 2.65 -0.01	30.10 2.43 -0.01	28.38 2.22 -0.01	27.77 2.08 -0.01	29.65 2.37 -0.01	29.72 2.30 0.00	32.64 2.75 0.00	35.58 3.38 0.00	42.34 3.85 -2.53	52.49 4.00 -12.49	42.48 4.00 0.00	73.27 4.33 -29.97	72.05 4.42 -26.75	69.91 4.46 -20.84	81.32 4.56 -26.66	119.78 4.69 -61.79	69.91 4.41 -7.42	73.78 3.97 -17.53	69.93 3.57 -19.38	46.86 3.39 -0.06	42.93 3.36 -0.06	42.37 3.13 -4.02	45.41 2.87 -11.04
GOWANUS_GT2_2 24115	34.60 3.09 -0.01	31.17 2.65 -0.01	30.10 2.43 -0.01	28.38 2.22 -0.01	27.77 2.08 -0.01	29.65 2.37 -0.01	29.72 2.30 0.00	32.64 2.75 0.00	35.58 3.38 0.00	42.34 3.85 -2.53	52.49 4.00 -12.49	42.48 4.00 0.00	73.27 4.33 -29.97	72.05 4.42 -26.75	69.91 4.46 -20.84	81.32 4.56 -26.66	119.78 4.69 -61.79	69.91 4.41 -7.42	73.78 3.97 -17.53	69.93 3.57 -19.38	46.86 3.39 -0.06	42.93 3.36 -0.06	42.37 3.13 -4.02	45.41 2.87 -11.04
GOWANUS_GT2_3 24116	34.60 3.09 -0.01	31.17 2.65 -0.01	30.10 2.43 -0.01	28.38 2.22 -0.01	27.77 2.08 -0.01	29.65 2.37 -0.01	29.72 2.30 0.00	32.64 2.75 0.00	35.58 3.38 0.00	42.34 3.85 -2.53	52.49 4.00 -12.49	42.48 4.00 0.00	73.27 4.33 -29.97	72.05 4.42 -26.75	69.91 4.46 -20.84	81.32 4.56 -26.66	119.78 4.69 -61.79	69.91 4.41 -7.42	73.78 3.97 -17.53	69.93 3.57 -19.38	46.86 3.39 -0.06	42.93 3.36 -0.06	42.37 3.13 -4.02	45.41 2.87 -11.04

GOWANUS_GT2_4 24117	34.60 3.09 -0.01	31.17 2.65 -0.01	30.10 2.43 -0.01	28.38 2.22 -0.01	27.77 2.08 -0.01	29.65 2.37 -0.01	29.72 2.30 0.00	32.64 2.75 0.00	35.58 3.38 0.00	42.34 3.85 -2.53	52.49 4.00 -12.49	42.48 4.00 0.00	73.27 4.33 -29.97	72.05 4.42 -26.75	69.91 4.46 -20.84	81.32 4.56 -26.66	119.78 4.69 -61.79	69.91 4.41 -7.42	73.78 3.97 -17.53	69.93 3.57 -19.38	46.86 3.39 -0.06	42.93 3.36 -0.06	42.37 3.13 -4.02	45.41 2.87 -11.04
GOWANUS_GT2_5 24118	34.60 3.09 -0.01	31.17 2.65 -0.01	30.10 2.43 -0.01	28.38 2.22 -0.01	27.77 2.08 -0.01	29.65 2.37 -0.01	29.72 2.30 0.00	32.64 2.75 0.00	35.58 3.38 0.00	42.34 3.85 -2.53	52.49 4.00 -12.49	42.48 4.00 0.00	73.27 4.33 -29.97	72.05 4.42 -26.75	69.91 4.46 -20.84	81.32 4.56 -26.66	119.78 4.69 -61.79	69.91 4.41 -7.42	73.78 3.97 -17.53	69.93 3.57 -19.38	46.86 3.39 -0.06	42.93 3.36 -0.06	42.37 3.13 -4.02	45.41 2.87 -11.04
GOWANUS_GT2_6 24119	34.60 3.09 -0.01	31.17 2.65 -0.01	30.10 2.43 -0.01	28.38 2.22 -0.01	27.77 2.08 -0.01	29.65 2.37 -0.01	29.72 2.30 0.00	32.64 2.75 0.00	35.58 3.38 0.00	42.34 3.85 -2.53	52.49 4.00 -12.49	42.48 4.00 0.00	73.27 4.33 -29.97	72.05 4.42 -26.75	69.91 4.46 -20.84	81.32 4.56 -26.66	119.78 4.69 -61.79	69.91 4.41 -7.42	73.78 3.97 -17.53	69.93 3.57 -19.38	46.86 3.39 -0.06	42.93 3.36 -0.06	42.37 3.13 -4.02	45.41 2.87 -11.04
GOWANUS_GT2_7 24120	34.60 3.09 -0.01	31.17 2.65 -0.01	30.10 2.43 -0.01	28.38 2.22 -0.01	27.77 2.08 -0.01	29.65 2.37 -0.01	29.72 2.30 0.00	32.64 2.75 0.00	35.58 3.38 0.00	42.34 3.85 -2.53	52.49 4.00 -12.49	42.48 4.00 0.00	73.27 4.33 -29.97	72.05 4.42 -26.75	69.91 4.46 -20.84	81.32 4.56 -26.66	119.78 4.69 -61.79	69.91 4.41 -7.42	73.78 3.97 -17.53	69.93 3.57 -19.38	46.86 3.39 -0.06	42.93 3.36 -0.06	42.37 3.13 -4.02	45.41 2.87 -11.04
GOWANUS_GT2_8 24121	34.60 3.09 -0.01	31.17 2.65 -0.01	30.10 2.43 -0.01	28.38 2.22 -0.01	27.77 2.08 -0.01	29.65 2.37 -0.01	29.72 2.30 0.00	32.64 2.75 0.00	35.58 3.38 0.00	42.34 3.85 -2.53	52.49 4.00 -12.49	42.48 4.00 0.00	73.27 4.33 -29.97	72.05 4.42 -26.75	69.91 4.46 -20.84	81.32 4.56 -26.66	119.78 4.69 -61.79	69.91 4.41 -7.42	73.78 3.97 -17.53	69.93 3.57 -19.38	46.86 3.39 -0.06	42.93 3.36 -0.06	42.37 3.13 -4.02	45.41 2.87 -11.04
GOWANUS_GT3_1 24122	34.60 3.09 -0.01	31.17 2.65 -0.01	30.10 2.43 -0.01	28.38 2.22 -0.01	27.77 2.08 -0.01	29.65 2.37 -0.01	29.72 2.30 0.00	32.64 2.75 0.00	35.58 3.38 0.00	42.34 3.85 -2.53	52.49 4.00 -12.49	42.48 4.00 0.00	73.27 4.33 -29.97	72.05 4.42 -26.75	69.91 4.46 -20.84	81.32 4.56 -26.66	119.78 4.69 -61.79	69.91 4.41 -7.42	73.78 3.97 -17.53	69.93 3.57 -19.38	46.86 3.39 -0.06	42.93 3.36 -0.06	42.37 3.13 -4.02	45.41 2.87 -11.04
GOWANUS_GT3_2 24123	34.60 3.09 -0.01	31.17 2.65 -0.01	30.10 2.43 -0.01	28.38 2.22 -0.01	27.77 2.08 -0.01	29.65 2.37 -0.01	29.72 2.30 0.00	32.64 2.75 0.00	35.58 3.38 0.00	42.34 3.85 -2.53	52.49 4.00 -12.49	42.48 4.00 0.00	73.27 4.33 -29.97	72.05 4.42 -26.75	69.91 4.46 -20.84	81.32 4.56 -26.66	119.78 4.69 -61.79	69.91 4.41 -7.42	73.78 3.97 -17.53	69.93 3.57 -19.38	46.86 3.39 -0.06	42.93 3.36 -0.06	42.37 3.13 -4.02	45.41 2.87 -11.04
GOWANUS_GT3_3 24124	34.60 3.09 -0.01	31.17 2.65 -0.01	30.10 2.43 -0.01	28.38 2.22 -0.01	27.77 2.08 -0.01	29.65 2.37 -0.01	29.72 2.30 0.00	32.64 2.75 0.00	35.58 3.38 0.00	42.34 3.85 -2.53	52.49 4.00 -12.49	42.48 4.00 0.00	73.27 4.33 -29.97	72.05 4.42 -26.75	69.91 4.46 -20.84	81.32 4.56 -26.66	119.78 4.69 -61.79	69.91 4.41 -7.42	73.78 3.97 -17.53	69.93 3.57 -19.38	46.86 3.39 -0.06	42.93 3.36 -0.06	42.37 3.13 -4.02	45.41 2.87 -11.04
GOWANUS_GT3_4 24125	34.60 3.09 -0.01	31.17 2.65 -0.01	30.10 2.43 -0.01	28.38 2.22 -0.01	27.77 2.08 -0.01	29.65 2.37 -0.01	29.72 2.30 0.00	32.64 2.75 0.00	35.58 3.38 0.00	42.34 3.85 -2.53	52.49 4.00 -12.49	42.48 4.00 0.00	73.27 4.33 -29.97	72.05 4.42 -26.75	69.91 4.46 -20.84	81.32 4.56 -26.66	119.78 4.69 -61.79	69.91 4.41 -7.42	73.78 3.97 -17.53	69.93 3.57 -19.38	46.86 3.39 -0.06	42.93 3.36 -0.06	42.37 3.13 -4.02	45.41 2.87 -11.04
GOWANUS_GT3_5 24126	34.60 3.09 -0.01	31.17 2.65 -0.01	30.10 2.43 -0.01	28.38 2.22 -0.01	27.77 2.08 -0.01	29.65 2.37 -0.01	29.72 2.30 0.00	32.64 2.75 0.00	35.58 3.38 0.00	42.34 3.85 -2.53	52.49 4.00 -12.49	42.48 4.00 0.00	73.27 4.33 -29.97	72.05 4.42 -26.75	69.91 4.46 -20.84	81.32 4.56 -26.66	119.78 4.69 -61.79	69.91 4.41 -7.42	73.78 3.97 -17.53	69.93 3.57 -19.38	46.86 3.39 -0.06	42.93 3.36 -0.06	42.37 3.13 -4.02	45.41 2.87 -11.04
GOWANUS_GT3_6 24127	34.60 3.09 -0.01	31.17 2.65 -0.01	30.10 2.43 -0.01	28.38 2.22 -0.01	27.77 2.08 -0.01	29.65 2.37 -0.01	29.72 2.30 0.00	32.64 2.75 0.00	35.58 3.38 0.00	42.34 3.85 -2.53	52.49 4.00 -12.49	42.48 4.00 0.00	73.27 4.33 -29.97	72.05 4.42 -26.75	69.91 4.46 -20.84	81.32 4.56 -26.66	119.78 4.69 -61.79	69.91 4.41 -7.42	73.78 3.97 -17.53	69.93 3.57 -19.38	46.86 3.39 -0.06	42.93 3.36 -0.06	42.37 3.13 -4.02	45.41 2.87 -11.04
GOWANUS_GT3_7 24128	34.60 3.09 -0.01	31.17 2.65 -0.01	30.10 2.43 -0.01	28.38 2.22 -0.01	27.77 2.08 -0.01	29.65 2.37 -0.01	29.72 2.30 0.00	32.64 2.75 0.00	35.58 3.38 0.00	42.34 3.85 -2.53	52.49 4.00 -12.49	42.48 4.00 0.00	73.27 4.33 -29.97	72.05 4.42 -26.75	69.91 4.46 -20.84	81.32 4.56 -26.66	119.78 4.69 -61.79	69.91 4.41 -7.42	73.78 3.97 -17.53	69.93 3.57 -19.38	46.86 3.39 -0.06	42.93 3.36 -0.06	42.37 3.13 -4.02	45.41 2.87 -11.04
GOWANUS_GT3_8 24129	34.60 3.09 -0.01	31.17 2.65 -0.01	30.10 2.43 -0.01	28.38 2.22 -0.01	27.77 2.08 -0.01	29.65 2.37 -0.01	29.72 2.30 0.00	32.64 2.75 0.00	35.58 3.38 0.00	42.34 3.85 -2.53	52.49 4.00 -12.49	42.48 4.00 0.00	73.27 4.33 -29.97	72.05 4.42 -26.75	69.91 4.46 -20.84	81.32 4.56 -26.66	119.78 4.69 -61.79	69.91 4.41 -7.42	73.78 3.97 -17.53	69.93 3.57 -19.38	46.86 3.39 -0.06	42.93 3.36 -0.06	42.37 3.13 -4.02	45.41 2.87 -11.04
GOWANUS_GT4_1 24130	34.60 3.09 -0.01	31.20 2.68 -0.01	30.10 2.43 -0.01	28.38 2.22 -0.01	27.75 2.05 -0.01	29.65 2.37 -0.01	29.72 2.30 0.00	32.64 2.75 0.00	35.58 3.38 0.00	42.34 3.85 -2.53	52.50 4.00 -12.49	42.52 4.04 0.00	73.27 4.33 -29.97	72.05 4.42 -26.75	69.96 4.51 -20.84	81.37 4.61 -26.66	119.67 4.58 -61.79	70.14 4.65 -7.42	73.78 3.97 -17.53	69.98 3.62 -19.38	46.90 3.43 -0.06	42.93 3.36 -0.06	42.37 3.13 -4.02	45.41 2.87 -11.04
GOWANUS_GT4_2 24131	34.60 3.09 -0.01	31.20 2.68 -0.01	30.10 2.43 -0.01	28.38 2.22 -0.01	27.75 2.05 -0.01	29.65 2.37 -0.01	29.72 2.30 0.00	32.64 2.75 0.00	35.58 3.38 0.00	42.34 3.85 -2.53	52.50 4.00 -12.49	42.52 4.04 0.00	73.27 4.33 -29.97	72.05 4.42 -26.75	69.96 4.51 -20.84	81.37 4.61 -26.66	119.67 4.58 -61.79	70.14 4.65 -7.42	73.78 3.97 -17.53	69.98 3.62 -19.38	46.90 3.43 -0.06	42.93 3.36 -0.06	42.37 3.13 -4.02	45.41 2.87 -11.04

GOWANUS_GT4_3 24132	34.60 3.09 -0.01	31.20 2.68 -0.01	30.10 2.43 -0.01	28.38 2.22 -0.01	27.75 2.05 -0.01	29.65 2.37 -0.01	29.72 2.30 0.00	32.64 2.75 0.00	35.58 3.38 0.00	42.34 3.85 -2.53	52.50 4.00 -12.49	42.52 4.04 0.00	73.27 4.33 -29.97	72.05 4.42 -26.75	69.96 4.51 -20.84	81.37 4.61 -26.66	119.67 4.58 -61.79	70.14 4.65 -7.42	73.78 3.97 -17.53	69.98 3.62 -19.38	46.90 3.43 -0.06	42.93 3.36 -0.06	42.37 3.13 -4.02	45.41 2.87 -11.04
GOWANUS_GT4_4 24133	34.60 3.09 -0.01	31.20 2.68 -0.01	30.10 2.43 -0.01	28.38 2.22 -0.01	27.75 2.05 -0.01	29.65 2.37 -0.01	29.72 2.30 0.00	32.64 2.75 0.00	35.58 3.38 0.00	42.34 3.85 -2.53	52.50 4.00 -12.49	42.52 4.04 0.00	73.27 4.33 -29.97	72.05 4.42 -26.75	69.96 4.51 -20.84	81.37 4.61 -26.66	119.67 4.58 -61.79	70.14 4.65 -7.42	73.78 3.97 -17.53	69.98 3.62 -19.38	46.90 3.43 -0.06	42.93 3.36 -0.06	42.37 3.13 -4.02	45.41 2.87 -11.04
GOWANUS_GT4_5 24134	34.60 3.09 -0.01	31.20 2.68 -0.01	30.10 2.43 -0.01	28.38 2.22 -0.01	27.75 2.05 -0.01	29.65 2.37 -0.01	29.72 2.30 0.00	32.64 2.75 0.00	35.58 3.38 0.00	42.34 3.85 -2.53	52.50 4.00 -12.49	42.52 4.04 0.00	73.27 4.33 -29.97	72.05 4.42 -26.75	69.96 4.51 -20.84	81.37 4.61 -26.66	119.67 4.58 -61.79	70.14 4.65 -7.42	73.78 3.97 -17.53	69.98 3.62 -19.38	46.90 3.43 -0.06	42.93 3.36 -0.06	42.37 3.13 -4.02	45.41 2.87 -11.04
GOWANUS_GT4_6 24135	34.60 3.09 -0.01	31.20 2.68 -0.01	30.10 2.43 -0.01	28.38 2.22 -0.01	27.75 2.05 -0.01	29.65 2.37 -0.01	29.72 2.30 0.00	32.64 2.75 0.00	35.58 3.38 0.00	42.34 3.85 -2.53	52.50 4.00 -12.49	42.52 4.04 0.00	73.27 4.33 -29.97	72.05 4.42 -26.75	69.96 4.51 -20.84	81.37 4.61 -26.66	119.67 4.58 -61.79	70.14 4.65 -7.42	73.78 3.97 -17.53	69.98 3.62 -19.38	46.90 3.43 -0.06	42.93 3.36 -0.06	42.37 3.13 -4.02	45.41 2.87 -11.04
GOWANUS_GT4_7 24136	34.60 3.09 -0.01	31.20 2.68 -0.01	30.10 2.43 -0.01	28.38 2.22 -0.01	27.75 2.05 -0.01	29.65 2.37 -0.01	29.72 2.30 0.00	32.64 2.75 0.00	35.58 3.38 0.00	42.34 3.85 -2.53	52.50 4.00 -12.49	42.52 4.04 0.00	73.27 4.33 -29.97	72.05 4.42 -26.75	69.96 4.51 -20.84	81.37 4.61 -26.66	119.67 4.58 -61.79	70.14 4.65 -7.42	73.78 3.97 -17.53	69.98 3.62 -19.38	46.90 3.43 -0.06	42.93 3.36 -0.06	42.37 3.13 -4.02	45.41 2.87 -11.04
GOWANUS_GT4_8 24137	34.60 3.09 -0.01	31.20 2.68 -0.01	30.10 2.43 -0.01	28.38 2.22 -0.01	27.75 2.05 -0.01	29.65 2.37 -0.01	29.72 2.30 0.00	32.64 2.75 0.00	35.58 3.38 0.00	42.34 3.85 -2.53	52.50 4.00 -12.49	42.52 4.04 0.00	73.27 4.33 -29.97	72.05 4.42 -26.75	69.96 4.51 -20.84	81.37 4.61 -26.66	119.67 4.58 -61.79	70.14 4.65 -7.42	73.78 3.97 -17.53	69.98 3.62 -19.38	46.90 3.43 -0.06	42.93 3.36 -0.06	42.37 3.13 -4.02	45.41 2.87 -11.04
GREENBSH_115KV_TB3 55895	32.45 0.95 0.00	29.39 0.88 0.00	28.49 0.83 0.00	26.96 0.81 0.00	26.40 0.72 0.00	28.06 0.79 0.00	28.13 0.71 0.00	30.76 0.87 0.00	33.19 1.00 0.00	37.07 1.11 0.00	36.91 0.90 0.00	39.41 0.92 0.00	39.87 0.90 0.00	41.78 0.90 0.00	45.54 0.94 0.00	51.20 1.10 0.00	54.52 1.23 0.00	59.35 1.28 0.00	53.48 1.20 0.00	48.15 1.17 0.00	44.46 1.04 0.00	40.39 0.87 0.00	36.03 0.81 0.00	32.32 0.82 0.00
GREENDGE_115KV_TB5 80291	31.72 0.22 0.00	28.62 0.11 0.00	27.66 0.00 0.00	26.07 -0.08 0.00	25.63 -0.05 0.00	27.35 0.08 0.00	27.72 0.30 0.00	30.13 0.24 0.00	32.07 -0.13 0.00	36.10 0.14 0.00	36.66 0.65 0.00	39.44 0.96 0.00	39.83 0.86 0.00	41.99 1.10 0.00	46.12 1.52 0.00	51.80 1.70 0.00	55.05 1.76 0.00	60.22 2.15 0.00	54.16 1.88 0.00	48.25 1.27 0.00	44.67 1.26 0.00	40.90 1.38 0.00	36.20 0.99 0.00	32.26 0.76 0.00
GREENIDGE___3 23582	31.72 0.22 0.00	28.62 0.11 0.00	27.66 0.00 0.00	26.07 -0.08 0.00	25.63 -0.05 0.00	27.35 0.08 0.00	27.72 0.30 0.00	30.13 0.24 0.00	32.07 -0.13 0.00	36.10 0.14 0.00	36.66 0.65 0.00	39.44 0.96 0.00	39.83 0.86 0.00	41.99 1.10 0.00	46.12 1.52 0.00	51.80 1.70 0.00	55.05 1.76 0.00	60.22 2.15 0.00	54.16 1.88 0.00	48.25 1.27 0.00	44.67 1.26 0.00	40.90 1.38 0.00	36.20 0.99 0.00	32.26 0.76 0.00
GREENIDGE___4 23583	31.73 0.22 0.00	28.65 0.14 0.00	27.69 0.03 0.00	26.10 -0.05 0.00	25.63 -0.05 0.00	27.35 0.08 0.00	27.72 0.30 0.00	30.13 0.24 0.00	32.07 -0.13 0.00	36.10 0.14 0.00	36.66 0.65 0.00	39.52 1.04 0.00	39.90 0.93 0.00	41.99 1.10 0.00	46.21 1.60 0.00	51.90 1.80 0.00	55.16 1.86 0.00	60.34 2.26 0.00	54.26 1.99 0.00	48.39 1.41 0.00	44.76 1.35 0.00	40.90 1.38 0.00	36.20 0.98 0.00	32.26 0.75 0.00
GREENLWN_69_KV_BK 3 55738	39.67 2.61 -5.55	38.98 2.31 -8.16	37.21 2.19 -7.36	34.81 2.01 -6.64	33.10 1.87 -5.54	37.05 2.18 -7.60	37.78 2.17 -8.20	38.64 2.51 -6.24	39.96 3.25 -4.51	40.20 3.63 -0.61	38.14 3.35 1.22	24.91 3.89 17.46	24.28 4.13 18.82	24.49 3.68 20.07	28.53 3.75 19.82	34.50 4.01 19.61	24.45 4.10 32.95	11.74 4.18 50.52	31.83 3.55 24.00	30.58 3.05 19.45	26.46 2.78 19.73	24.25 3.36 18.63	33.44 2.47 4.24	35.59 2.49 -1.60
GREENWD_138_KV_38B11_REV_LBMP_J 345004	34.60 3.09 -0.01	31.20 2.68 -0.01	30.10 2.43 -0.01	28.38 2.22 -0.01	27.75 2.05 -0.01	29.65 2.37 -0.01	29.72 2.30 0.00	32.64 2.75 0.00	35.58 3.38 0.00	42.34 3.85 -2.53	52.50 4.00 -12.49	42.52 4.04 0.00	73.27 4.33 -29.97	72.05 4.42 -26.75	69.96 4.51 -20.84	81.37 4.61 -26.66	119.67 4.58 -61.79	70.14 4.65 -7.42	73.78 3.97 -17.53	69.98 3.62 -19.38	46.90 3.43 -0.06	42.93 3.36 -0.06	42.37 3.13 -4.02	45.41 2.87 -11.04
GRISSOM___SOLAR 323813	35.51 4.00 0.00	32.13 3.62 0.00	30.92 3.26 0.00	29.24 3.08 0.00	28.59 2.90 0.00	30.51 3.24 0.00	30.93 3.51 0.00	33.75 3.86 0.00	36.16 3.96 0.00	40.09 4.13 0.00	39.87 3.85 0.00	43.06 4.58 0.00	43.76 4.79 0.00	45.62 4.74 0.00	49.82 5.22 0.00	56.46 6.36 0.00	59.85 6.55 0.00	66.56 8.48 0.00	60.32 8.05 0.00	54.73 7.75 0.00	50.23 6.82 0.00	45.41 5.89 0.00	40.25 5.04 0.00	35.82 4.32 0.00
GROVEVILLE___HYD 323602	34.12 2.61 0.00	30.85 2.34 0.00	29.79 2.13 0.00	28.11 1.96 0.00	27.51 1.82 0.00	29.37 2.10 0.00	29.45 2.03 0.00	32.20 2.30 0.00	34.93 2.74 0.00	39.02 3.06 0.00	39.11 3.10 0.00	41.64 3.16 0.00	42.40 3.43 0.00	44.48 3.60 0.00	48.31 3.70 0.00	54.16 4.06 0.00	57.50 4.21 0.00	62.61 4.53 0.00	56.25 3.97 0.00	50.46 3.48 0.00	46.58 3.17 0.00	42.40 2.88 0.00	37.72 2.50 0.00	33.83 2.33 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	31.50 0.00 0.00	28.44 -0.03 0.04	27.55 -0.08 0.03	26.05 -0.10 0.00	25.56 -0.13 0.00	27.17 -0.08 0.02	27.40 0.00 0.02	29.83 0.00 0.06	32.03 -0.06 0.10	35.87 0.07 0.16	36.07 0.22 0.16	38.86 0.38 0.00	39.12 0.35 0.20	41.10 0.41 0.19	45.18 0.58 0.00	50.35 0.65 0.40	53.56 0.69 0.43	58.83 0.75 0.00	52.90 0.63 0.00	47.35 0.38 0.00	43.85 0.43 0.00	39.99 0.47 0.00	35.54 0.32 0.00	31.75 0.25 0.00

HAMLTNNY_34_KV_TB 80303	31.53 0.03 0.00	28.45 -0.03 0.03	27.55 -0.08 0.02	26.05 -0.10 0.00	25.58 -0.10 0.00	27.20 -0.05 0.02	27.43 0.03 0.02	29.87 0.03 0.06	32.08 -0.03 0.09	35.93 0.11 0.14	36.16 0.29 0.14	38.94 0.46 0.00	39.26 0.47 0.18	41.28 0.57 0.17	45.36 0.76 0.00	50.59 0.85 0.36	53.82 0.91 0.38	59.06 0.99 0.00	53.11 0.84 0.00	47.50 0.52 0.00	43.98 0.56 0.00	40.15 0.63 0.00	35.64 0.42 0.00	31.82 0.32 0.00
HAMPSHIRE___PAPER_HYD 323593	30.16 -1.29 0.05	26.21 -1.20 1.10	25.74 -1.19 0.73	25.00 -1.10 0.05	24.73 -0.95 0.00	25.57 -1.14 0.55	25.73 -1.01 0.67	26.92 -1.17 1.81	27.97 -1.35 2.87	29.79 -1.62 4.55	29.73 -1.76 4.52	36.58 -1.85 0.05	31.21 -1.95 5.82	33.18 -2.08 5.62	42.28 -2.27 0.05	35.86 -2.55 11.68	38.24 -2.61 12.44	55.52 -2.55 0.00	50.13 -2.15 0.00	45.47 -1.51 0.00	42.11 -1.30 0.00	38.29 -1.23 0.00	34.02 -1.20 0.00	30.24 -1.26 0.00
HARDSCRABBLE_WT_PWR 323673	32.70 1.20 0.00	29.58 1.11 0.04	28.66 1.02 0.02	27.12 0.97 0.00	26.63 0.95 0.00	28.31 1.06 0.02	28.50 1.10 0.02	31.00 1.16 0.06	33.39 1.29 0.10	37.28 1.47 0.15	37.34 1.48 0.15	40.13 1.65 0.00	40.49 1.71 0.19	42.49 1.80 0.19	46.61 2.01 0.00	51.91 2.20 0.39	55.28 2.40 0.41	60.69 2.62 0.00	54.63 2.35 0.00	49.09 2.12 0.00	45.37 1.96 0.00	41.34 1.82 0.00	36.73 1.51 0.00	32.86 1.35 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	33.77 2.27 0.00	30.53 2.02 0.00	29.51 1.85 0.00	27.85 1.70 0.00	27.25 1.57 0.00	29.12 1.85 0.00	29.20 1.78 0.00	31.93 2.03 0.00	34.61 2.41 0.00	38.73 2.77 0.00	38.86 2.84 0.00	41.37 2.89 0.00	42.13 3.16 0.00	44.15 3.27 0.00	48.00 3.39 0.00	53.76 3.66 0.00	57.13 3.84 0.00	62.14 4.07 0.00	55.83 3.55 0.00	50.03 3.05 0.00	46.19 2.78 0.00	42.09 2.57 0.00	37.44 2.22 0.00	33.55 2.05 0.00
HARSNRAD_115KV_TB1 81005	30.37 -1.13 0.00	27.42 -1.08 0.00	26.47 -1.19 0.00	24.92 -1.23 0.00	24.53 -1.16 0.00	26.15 -1.12 0.00	26.52 -0.90 0.00	28.52 -1.38 0.00	30.49 -1.71 0.00	34.31 -1.65 0.00	35.47 -0.54 0.00	38.37 -0.12 0.00	38.66 -0.31 0.00	40.92 0.04 0.00	45.14 0.54 0.00	50.45 0.35 0.00	53.13 -0.16 0.00	58.19 0.12 0.00	52.02 -0.26 0.00	46.09 -0.89 0.00	42.46 -0.96 0.00	39.44 -0.08 0.00	34.94 -0.28 0.00	31.28 -0.22 0.00
HARZA MOOSE___RIVER 24016	31.96 0.47 0.02	28.60 0.40 0.31	27.76 0.30 0.20	26.40 0.26 0.01	26.02 0.33 0.00	27.47 0.35 0.15	27.67 0.44 0.19	29.81 0.42 0.50	31.78 0.39 0.80	35.09 0.40 1.27	35.11 0.36 1.26	38.93 0.46 0.02	37.78 0.43 1.62	39.85 0.53 1.57	45.13 0.54 0.02	47.44 0.60 3.26	50.56 0.75 3.47	59.18 1.10 0.00	53.38 1.10 0.00	48.15 1.17 0.00	44.59 1.17 0.00	40.63 1.11 0.00	35.99 0.77 0.00	32.01 0.50 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	31.28 -0.22 0.00	28.24 -0.23 0.04	27.35 -0.28 0.03	25.86 -0.29 0.00	25.38 -0.31 0.00	26.97 -0.27 0.02	27.17 -0.22 0.03	29.61 -0.21 0.07	31.79 -0.29 0.11	35.57 -0.22 0.18	35.80 -0.04 0.18	38.56 0.08 0.00	38.78 0.04 0.23	40.79 0.12 0.22	44.83 0.22 0.00	49.89 0.25 0.46	53.07 0.27 0.49	58.37 0.29 0.00	52.43 0.16 0.00	46.98 0.00 0.00	43.46 0.04 0.00	39.64 0.12 0.00	35.22 0.00 0.00	31.50 0.00 0.00
HELLGATE_13_KV_LD 55870	34.41 2.90 -0.01	31.02 2.51 -0.01	29.95 2.30 0.00	28.25 2.09 0.00	27.58 1.90 0.00	29.48 2.21 0.00	29.59 2.17 0.00	32.52 2.63 0.00	35.38 3.19 0.00	41.55 3.63 -1.96	41.55 3.75 -1.79	42.29 3.81 0.00	47.27 4.05 -4.25	48.76 4.09 -3.79	48.75 4.15 0.00	54.31 4.21 0.00	57.40 4.10 0.00	62.25 4.18 0.01	55.83 3.55 0.00	50.22 3.24 0.00	46.50 3.08 0.00	42.60 3.08 0.00	38.11 2.89 -0.01	34.19 2.68 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	34.41 2.90 -0.01	31.02 2.51 -0.01	29.95 2.30 0.00	28.25 2.09 0.00	27.58 1.90 0.00	29.48 2.21 0.00	29.59 2.17 0.00	32.52 2.63 0.00	35.38 3.19 0.00	41.55 3.63 -1.96	41.55 3.75 -1.79	42.29 3.81 0.00	47.27 4.05 -4.25	48.76 4.09 -3.79	48.75 4.15 0.00	54.31 4.21 0.00	57.40 4.10 0.00	62.25 4.18 0.01	55.83 3.55 0.00	50.22 3.24 0.00	46.50 3.08 0.00	42.60 3.08 0.00	38.11 2.89 -0.01	34.19 2.68 -0.01
HEMPSTEAD____ 23647	40.12 3.05 -5.56	39.33 2.65 -8.17	37.47 2.43 -7.37	35.08 2.27 -6.65	33.39 2.16 -5.54	37.31 2.43 -7.61	38.04 2.41 -8.21	39.01 2.87 -6.25	40.08 3.35 -4.53	40.58 3.81 -0.81	39.87 3.85 0.00	43.88 4.00 -1.40	43.23 4.25 -0.01	44.97 4.09 0.00	48.84 4.24 0.00	54.46 4.36 0.00	57.93 4.63 0.00	62.66 4.59 0.00	56.25 3.97 0.00	50.41 3.43 0.00	46.54 3.13 0.00	43.03 3.52 0.00	38.18 2.96 0.00	36.33 2.87 -1.96
HEWLETT_69_KV_BK3 55828	40.42 3.37 -5.55	39.61 2.94 -8.16	37.73 2.71 -7.36	35.28 2.48 -6.64	33.56 2.34 -5.54	37.52 2.65 -7.60	38.28 2.66 -8.20	39.24 3.11 -6.24	40.36 3.64 -4.53	40.90 4.14 -0.80	40.22 4.21 0.00	44.30 4.43 -1.39	43.61 4.64 0.00	45.50 4.62 0.00	49.42 4.82 0.00	55.01 4.91 0.00	58.46 5.17 0.00	63.42 5.34 0.00	56.93 4.65 0.00	51.25 4.28 0.00	47.32 3.91 0.00	43.43 3.91 0.00	38.63 3.42 0.00	36.70 3.24 -1.95
HICKLING___1 23621	31.79 0.28 0.00	28.71 0.20 0.00	27.74 0.08 0.00	26.15 0.00 0.00	25.68 0.00 0.00	27.46 0.19 0.00	27.78 0.36 0.00	30.10 0.21 0.00	32.23 0.03 0.00	36.32 0.36 0.00	36.98 0.97 0.00	39.83 1.35 0.00	40.22 1.25 0.00	42.40 1.51 0.00	46.57 1.96 0.00	52.35 2.25 0.00	55.53 2.24 0.00	60.63 2.56 0.00	54.42 2.14 0.00	48.34 1.36 0.00	44.72 1.30 0.00	41.10 1.58 0.00	36.38 1.16 0.00	32.38 0.88 0.00
HICKLING___2 23622	31.79 0.28 0.00	28.71 0.20 0.00	27.74 0.08 0.00	26.15 0.00 0.00	25.68 0.00 0.00	27.46 0.19 0.00	27.78 0.36 0.00	30.10 0.21 0.00	32.23 0.03 0.00	36.32 0.36 0.00	36.98 0.97 0.00	39.83 1.35 0.00	40.22 1.25 0.00	42.40 1.51 0.00	46.57 1.96 0.00	52.35 2.25 0.00	55.53 2.24 0.00	60.63 2.56 0.00	54.42 2.14 0.00	48.34 1.36 0.00	44.72 1.30 0.00	41.10 1.58 0.00	36.38 1.16 0.00	32.38 0.88 0.00
HIGH FALLS___HY 23754	33.90 2.39 0.00	30.67 2.17 0.00	29.62 1.96 0.00	27.91 1.75 0.00	27.33 1.64 0.00	29.20 1.94 0.00	29.26 1.84 0.00	31.96 2.06 0.00	34.64 2.45 0.00	38.69 2.73 0.00	38.86 2.84 0.00	41.33 2.85 0.00	42.17 3.20 0.00	44.24 3.35 0.00	48.08 3.48 0.00	53.86 3.76 0.00	57.29 4.00 0.00	62.37 4.30 0.00	56.04 3.76 0.00	50.22 3.24 0.00	46.37 2.95 0.00	42.29 2.77 0.00	37.51 2.29 0.00	33.58 2.08 0.00
HIGH_RIVER___SOLAR 323847	33.20 1.70 0.00	30.07 1.57 0.00	29.10 1.44 0.00	27.54 1.39 0.00	26.99 1.31 0.00	28.69 1.42 0.00	28.85 1.42 0.00	31.42 1.52 0.00	33.77 1.58 0.00	37.65 1.69 0.00	37.56 1.55 0.00	40.17 1.69 0.00	40.76 1.79 0.00	42.72 1.84 0.00	46.57 1.96 0.00	52.41 2.31 0.00	55.75 2.45 0.00	61.04 2.96 0.00	55.20 2.93 0.00	49.84 2.87 0.00	46.02 2.60 0.00	41.77 2.25 0.00	37.12 1.90 0.00	33.20 1.70 0.00

HILLBURN___GT 23639	33.71 2.20 0.00	30.47 1.97 0.00	29.46 1.80 0.00	27.80 1.65 0.00	27.25 1.57 0.00	29.07 1.80 0.00	29.20 1.78 0.00	31.99 2.09 0.00	34.64 2.45 0.00	38.77 2.81 0.00	38.89 2.88 0.00	41.37 2.89 0.00	42.13 3.16 0.00	44.11 3.23 0.00	47.95 3.35 0.00	53.66 3.56 0.00	57.13 3.84 0.00	61.91 3.83 0.00	55.63 3.35 0.00	49.80 2.82 0.00	46.02 2.60 0.00	42.01 2.49 0.00	37.37 2.15 0.00	33.49 1.99 0.00
HILLSIDE_115KV_TB1 80332	31.31 -0.19 0.00	28.31 -0.20 0.00	27.35 -0.30 0.00	25.81 -0.34 0.00	25.32 -0.36 0.00	27.08 -0.19 0.00	27.37 -0.05 0.00	29.63 -0.27 0.00	31.78 -0.42 0.00	35.74 -0.22 0.00	36.41 0.40 0.00	39.17 0.69 0.00	39.56 0.58 0.00	41.66 0.78 0.00	45.76 1.16 0.00	51.45 1.35 0.00	54.57 1.28 0.00	59.59 1.51 0.00	53.53 1.25 0.00	47.50 0.52 0.00	43.89 0.48 0.00	40.31 0.79 0.00	35.75 0.53 0.00	31.82 0.32 0.00
HISHELDN_WT_PWR 323625	30.87 -0.63 0.00	27.91 -0.60 0.00	26.97 -0.69 0.00	25.39 -0.76 0.00	24.94 -0.75 0.00	26.64 -0.63 0.00	27.01 -0.41 0.00	29.09 -0.81 0.00	31.13 -1.06 0.00	35.13 -0.83 0.00	36.16 0.14 0.00	39.14 0.65 0.00	39.48 0.51 0.00	41.66 0.77 0.00	45.99 1.38 0.00	51.55 1.45 0.00	54.41 1.12 0.00	59.53 1.45 0.00	53.27 0.99 0.00	47.26 0.28 0.00	43.50 0.09 0.00	40.11 0.59 0.00	35.57 0.35 0.00	31.78 0.28 0.00
HOLTSVILLE_IC_1 23690	40.40 3.34 -5.56	39.64 2.96 -8.17	37.80 2.77 -7.37	35.44 2.64 -6.65	33.75 2.52 -5.54	37.72 2.84 -7.61	38.45 2.82 -8.21	39.46 3.32 -6.25	40.45 3.64 -4.61	41.73 4.10 -1.68	52.77 3.96 -12.79	128.21 4.16 -85.57	127.49 4.44 -84.07	134.77 4.25 -89.64	137.47 4.37 -88.49	142.26 4.61 -87.56	205.33 4.90 -147.13	288.59 4.93 -225.58	163.75 4.29 -107.18	137.48 3.67 -86.84	134.90 3.39 -88.10	128.31 3.79 -85.00	62.43 3.17 -24.04	38.46 3.09 -3.87
HOLTSVILLE_IC_10 23699	40.62 3.56 -5.56	39.84 3.16 -8.17	37.93 2.90 -7.37	35.57 2.77 -6.65	33.87 2.65 -5.54	37.85 2.97 -7.61	38.59 2.96 -8.21	39.64 3.50 -6.25	40.71 3.89 -4.62	42.09 4.39 -1.74	53.53 4.25 -13.28	135.16 4.50 -92.17	134.43 4.79 -90.67	142.17 4.62 -96.67	144.82 4.78 -95.44	149.59 5.06 -94.43	217.35 5.38 -158.68	306.81 5.46 -243.28	172.58 4.71 -115.59	144.72 4.09 -93.65	142.16 3.73 -95.01	135.00 4.11 -91.37	64.20 3.42 -25.57	38.83 3.34 -3.99
HOLTSVILLE_IC_2 23691	40.40 3.34 -5.56	39.64 2.96 -8.17	37.80 2.77 -7.37	35.44 2.64 -6.65	33.75 2.52 -5.54	37.72 2.84 -7.61	38.45 2.82 -8.21	39.46 3.32 -6.25	40.45 3.64 -4.61	41.73 4.10 -1.68	52.77 3.96 -12.79	128.21 4.16 -85.57	127.49 4.44 -84.07	134.77 4.25 -89.64	137.47 4.37 -88.49	142.26 4.61 -87.56	205.33 4.90 -147.13	288.59 4.93 -225.58	163.75 4.29 -107.18	137.48 3.67 -86.84	134.90 3.39 -88.10	128.31 3.79 -85.00	62.43 3.17 -24.04	38.46 3.09 -3.87
HOLTSVILLE_IC_3 23692	40.40 3.34 -5.56	39.64 2.96 -8.17	37.80 2.77 -7.37	35.44 2.64 -6.65	33.75 2.52 -5.54	37.72 2.84 -7.61	38.45 2.82 -8.21	39.46 3.32 -6.25	40.45 3.64 -4.61	41.73 4.10 -1.68	52.77 3.96 -12.79	128.21 4.16 -85.57	127.49 4.44 -84.07	134.77 4.25 -89.64	137.47 4.37 -88.49	142.26 4.61 -87.56	205.33 4.90 -147.13	288.59 4.93 -225.58	163.75 4.29 -107.18	137.48 3.67 -86.84	134.90 3.39 -88.10	128.31 3.79 -85.00	62.43 3.17 -24.04	38.46 3.09 -3.87
HOLTSVILLE_IC_4 23693	40.40 3.34 -5.56	39.64 2.96 -8.17	37.80 2.77 -7.37	35.44 2.64 -6.65	33.75 2.52 -5.54	37.72 2.84 -7.61	38.45 2.82 -8.21	39.46 3.32 -6.25	40.45 3.64 -4.61	41.73 4.10 -1.68	52.77 3.96 -12.79	128.21 4.16 -85.57	127.49 4.44 -84.07	134.77 4.25 -89.64	137.47 4.37 -88.49	142.26 4.61 -87.56	205.33 4.90 -147.13	288.59 4.93 -225.58	163.75 4.29 -107.18	137.48 3.67 -86.84	134.90 3.39 -88.10	128.31 3.79 -85.00	62.43 3.17 -24.04	38.46 3.09 -3.87
HOLTSVILLE_IC_5 23694	40.40 3.34 -5.56	39.64 2.96 -8.17	37.80 2.77 -7.37	35.44 2.64 -6.65	33.75 2.52 -5.54	37.72 2.84 -7.61	38.45 2.82 -8.21	39.46 3.32 -6.25	40.45 3.64 -4.61	41.73 4.10 -1.68	52.77 3.96 -12.79	128.21 4.16 -85.57	127.49 4.44 -84.07	134.77 4.25 -89.64	137.47 4.37 -88.49	142.26 4.61 -87.56	205.33 4.90 -147.13	288.59 4.93 -225.58	163.75 4.29 -107.18	137.48 3.67 -86.84	134.90 3.39 -88.10	128.31 3.79 -85.00	62.43 3.17 -24.04	38.46 3.09 -3.87
HOLTSVILLE_IC_6 23695	40.62 3.56 -5.56	39.84 3.16 -8.17	37.93 2.90 -7.37	35.57 2.77 -6.65	33.87 2.65 -5.54	37.85 2.97 -7.61	38.59 2.96 -8.21	39.64 3.50 -6.25	40.71 3.89 -4.62	42.09 4.39 -1.74	53.53 4.25 -13.28	135.16 4.50 -92.17	134.43 4.79 -90.67	142.17 4.62 -96.67	144.82 4.78 -95.44	149.59 5.06 -94.43	217.35 5.38 -158.68	306.81 5.46 -243.28	172.58 4.71 -115.59	144.72 4.09 -93.65	142.16 3.73 -95.01	135.00 4.11 -91.37	64.20 3.42 -25.57	38.83 3.34 -3.99
HOLTSVILLE_IC_7 23696	40.62 3.56 -5.56	39.84 3.16 -8.17	37.93 2.90 -7.37	35.57 2.77 -6.65	33.87 2.65 -5.54	37.85 2.97 -7.61	38.59 2.96 -8.21	39.64 3.50 -6.25	40.71 3.89 -4.62	42.09 4.39 -1.74	53.53 4.25 -13.28	135.16 4.50 -92.17	134.43 4.79 -90.67	142.17 4.62 -96.67	144.82 4.78 -95.44	149.59 5.06 -94.43	217.35 5.38 -158.68	306.81 5.46 -243.28	172.58 4.71 -115.59	144.72 4.09 -93.65	142.16 3.73 -95.01	135.00 4.11 -91.37	64.20 3.42 -25.57	38.83 3.34 -3.99
HOLTSVILLE_IC_8 23697	40.62 3.56 -5.56	39.84 3.16 -8.17	37.93 2.90 -7.37	35.57 2.77 -6.65	33.87 2.65 -5.54	37.85 2.97 -7.61	38.59 2.96 -8.21	39.64 3.50 -6.25	40.71 3.89 -4.62	42.09 4.39 -1.74	53.53 4.25 -13.28	135.16 4.50 -92.17	134.43 4.79 -90.67	142.17 4.62 -96.67	144.82 4.78 -95.44	149.59 5.06 -94.43	217.35 5.38 -158.68	306.81 5.46 -243.28	172.58 4.71 -115.59	144.72 4.09 -93.65	142.16 3.73 -95.01	135.00 4.11 -91.37	64.20 3.42 -25.57	38.83 3.34 -3.99
HOLTSVILLE_IC_9 23698	40.62 3.56 -5.56	39.84 3.16 -8.17	37.93 2.90 -7.37	35.57 2.77 -6.65	33.87 2.65 -5.54	37.85 2.97 -7.61	38.59 2.96 -8.21	39.64 3.50 -6.25	40.71 3.89 -4.62	42.09 4.39 -1.74	53.53 4.25 -13.28	135.16 4.50 -92.17	134.43 4.79 -90.67	142.17 4.62 -96.67	144.82 4.78 -95.44	149.59 5.06 -94.43	217.35 5.38 -158.68	306.81 5.46 -243.28	172.58 4.71 -115.59	144.72 4.09 -93.65	142.16 3.73 -95.01	135.00 4.11 -91.37	64.20 3.42 -25.57	38.83 3.34 -3.99
HOMER_HL_115KV_TB2 355744	30.78 -0.72 0.00	27.80 -0.71 0.00	26.83 -0.83 0.00	25.26 -0.89 0.00	24.81 -0.87 0.00	26.61 -0.65 0.00	27.01 -0.41 0.00	28.94 -0.96 0.00	31.00 -1.19 0.00	35.02 -0.93 0.00	36.05 0.04 0.00	38.94 0.46 0.00	39.28 0.31 0.00	41.54 0.65 0.00	45.32 0.71 0.00	50.90 0.80 0.00	53.77 0.48 0.00	58.77 0.70 0.00	52.64 0.37 0.00	46.46 -0.52 0.00	42.76 -0.65 0.00	40.03 0.51 0.00	35.39 0.18 0.00	31.66 0.16 0.00
HOWARD_WT_PWR 323690	31.85 0.35 0.00	28.76 0.26 0.00	27.80 0.14 0.00	26.21 0.05 0.00	25.74 0.05 0.00	27.51 0.24 0.00	27.89 0.47 0.00	30.16 0.27 0.00	32.23 0.03 0.00	36.36 0.40 0.00	37.20 1.19 0.00	40.22 1.73 0.00	40.57 1.60 0.00	42.64 1.76 0.00	46.97 2.36 0.00	52.75 2.65 0.00	55.85 2.56 0.00	61.15 3.08 0.00	54.89 2.61 0.00	48.76 1.78 0.00	45.06 1.65 0.00	41.38 1.86 0.00	36.73 1.51 0.00	32.70 1.20 0.00

HQ_GEN_CEDARS 23644	30.07 -1.32 0.11	25.05 -1.20 2.26	25.05 -1.11 1.50	25.08 -0.97 0.11	25.14 -0.54 0.00	25.05 -1.09 1.13	25.05 -0.99 1.38	25.05 -1.14 3.71	25.05 -1.26 5.89	25.05 -1.58 9.33	25.05 -1.69 9.27	36.48 -1.89 0.11	25.05 -1.99 11.94	27.19 -2.17 11.53	42.17 -2.32 0.11	23.58 -2.56 23.97	25.05 -2.72 25.53	55.29 -2.79 0.00	49.87 -2.40 0.00	45.19 -1.79 0.00	41.77 -1.65 0.00	37.82 -1.70 0.00	33.84 -1.37 0.00	30.18 -1.32 0.00
HQ_GEN_CEDARS_PROXY 323590	30.07 -1.32 0.11	25.05 -1.20 2.26	25.05 -1.11 1.50	25.05 -0.99 0.11	24.97 -0.72 0.00	25.05 -1.09 1.13	25.05 -0.99 1.38	25.05 -1.14 3.71	25.05 -1.26 5.89	25.05 -1.58 9.33	25.05 -1.69 9.27	36.48 -1.88 0.11	25.05 -1.99 11.94	27.19 -2.17 11.53	40.70 -2.32 1.58	25.05 -2.55 22.50	25.05 -2.72 25.53	55.29 -2.79 0.00	51.93 -2.40 -2.05	43.09 -1.83 2.05	41.77 -1.65 0.00	37.82 -1.70 0.00	33.84 -1.37 0.00	30.18 -1.32 0.00
HQ_GEN_IMPORT 323601	30.84 -0.66 0.00	27.96 -0.63 -0.08	27.16 -0.55 -0.05	25.63 -0.52 0.00	25.22 -0.46 0.00	26.74 -0.57 -0.04	26.95 -0.52 -0.05	29.43 -0.60 -0.13	31.76 -0.64 -0.21	35.47 -0.83 -0.34	35.48 -0.86 -0.33	37.53 -0.96 0.00	38.39 -1.01 -0.43	40.20 -1.10 -0.42	41.94 -1.20 1.47	51.08 -1.35 -2.33	52.83 -1.39 -0.92	56.63 -1.45 0.00	53.08 -1.26 -2.05	43.89 -1.03 2.05	42.46 -0.96 0.00	38.57 -0.95 0.00	34.51 -0.70 0.00	30.81 -0.69 0.00
HQ_GEN_WHEEL 23651	30.84 -0.66 0.00	27.96 -0.63 -0.08	27.16 -0.55 -0.05	25.63 -0.52 0.00	25.22 -0.46 0.00	26.74 -0.57 -0.04	26.95 -0.52 -0.05	29.43 -0.60 -0.13	31.76 -0.64 -0.21	35.47 -0.83 -0.34	35.48 -0.86 -0.33	37.53 -0.96 0.00	38.39 -1.01 -0.43	40.20 -1.10 -0.42	41.94 -1.20 1.47	51.08 -1.35 -2.33	52.83 -1.39 -0.92	56.63 -1.45 0.00	53.08 -1.26 -2.05	43.89 -1.03 2.05	42.46 -0.96 0.00	38.57 -0.95 0.00	34.51 -0.70 0.00	30.81 -0.69 0.00
HUDSON AVE_GT_3 23810	34.34 2.84 0.00	30.93 2.42 0.00	29.87 2.21 0.00	28.19 2.04 0.00	27.56 1.87 0.00	29.45 2.18 0.00	29.61 2.19 0.00	32.55 2.66 0.00	35.38 3.19 0.00	39.56 3.60 0.00	39.74 3.71 -0.02	42.25 3.77 0.00	43.02 4.05 0.00	44.97 4.09 0.00	48.75 4.15 0.00	54.51 4.41 0.00	57.72 4.42 0.00	62.55 4.47 0.00	56.20 3.92 0.00	50.41 3.43 0.00	46.58 3.17 0.00	42.56 3.04 0.00	38.00 2.78 0.00	34.12 2.61 0.00
HUDSON AVE_GT_4 23540	34.34 2.84 0.00	30.93 2.42 0.00	29.87 2.21 0.00	28.19 2.04 0.00	27.56 1.87 0.00	29.45 2.18 0.00	29.61 2.19 0.00	32.55 2.66 0.00	35.38 3.19 0.00	39.56 3.60 0.00	39.74 3.71 -0.02	42.25 3.77 0.00	43.02 4.05 0.00	44.97 4.09 0.00	48.75 4.15 0.00	54.51 4.41 0.00	57.72 4.42 0.00	62.55 4.47 0.00	56.20 3.92 0.00	50.41 3.43 0.00	46.58 3.17 0.00	42.56 3.04 0.00	38.00 2.78 0.00	34.12 2.61 0.00
HUDSON AVE_GT_5 23657	34.34 2.84 0.00	30.93 2.42 0.00	29.87 2.21 0.00	28.19 2.04 0.00	27.56 1.87 0.00	29.45 2.18 0.00	29.61 2.19 0.00	32.55 2.66 0.00	35.38 3.19 0.00	39.56 3.60 0.00	39.74 3.71 -0.02	42.25 3.77 0.00	43.02 4.05 0.00	44.97 4.09 0.00	48.75 4.15 0.00	54.51 4.41 0.00	57.72 4.42 0.00	62.55 4.47 0.00	56.20 3.92 0.00	50.41 3.43 0.00	46.58 3.17 0.00	42.56 3.04 0.00	38.00 2.78 0.00	34.12 2.61 0.00
HUDSON_AVE_10 24168	34.24 2.74 0.00	30.85 2.34 0.00	29.82 2.16 0.00	28.11 1.96 0.00	27.48 1.80 0.00	29.40 2.13 0.00	29.53 2.11 0.00	32.46 2.57 0.00	35.29 3.09 0.00	39.45 3.49 0.00	39.63 3.60 -0.02	42.14 3.66 0.00	42.91 3.94 0.00	44.85 3.97 0.00	48.66 4.06 0.00	54.36 4.26 0.00	57.61 4.32 0.00	62.37 4.30 0.00	56.04 3.76 0.00	50.31 3.34 0.00	46.50 3.08 0.00	42.48 2.96 0.00	37.93 2.71 0.00	34.02 2.52 0.00
HUDSON___115KV_TB 4 355613	33.27 1.76 0.00	30.13 1.62 0.00	29.12 1.47 0.00	27.54 1.39 0.00	26.97 1.28 0.00	28.66 1.39 0.00	28.76 1.34 0.00	31.33 1.43 0.00	33.74 1.55 0.00	37.61 1.65 0.00	37.41 1.40 0.00	39.98 1.50 0.00	40.45 1.48 0.00	42.40 1.51 0.00	46.30 1.69 0.00	52.00 1.90 0.00	55.48 2.19 0.00	60.57 2.50 0.00	54.68 2.40 0.00	49.37 2.40 0.00	45.59 2.17 0.00	41.38 1.86 0.00	37.05 1.83 0.00	33.20 1.70 0.00
HUNTER MOUNT___DRP 323613	33.49 1.98 0.00	30.33 1.82 0.00	29.32 1.66 0.00	27.70 1.54 0.00	27.15 1.46 0.00	28.85 1.58 0.00	28.93 1.51 0.00	31.42 1.52 0.00	33.84 1.64 0.00	37.69 1.73 0.00	37.45 1.44 0.00	40.02 1.54 0.00	40.41 1.44 0.00	42.40 1.51 0.00	46.26 1.65 0.00	52.00 1.90 0.00	55.53 2.24 0.00	60.75 2.67 0.00	54.89 2.61 0.00	49.66 2.68 0.00	45.85 2.43 0.00	41.53 2.02 0.00	37.19 1.97 0.00	33.36 1.86 0.00
HUNTINGTON_RES_REC 323705	40.12 3.05 -5.56	39.36 2.68 -8.17	37.55 2.52 -7.37	35.16 2.35 -6.65	33.46 2.23 -5.54	37.42 2.54 -7.61	38.12 2.49 -8.21	39.07 2.93 -6.25	40.22 3.54 -4.48	42.94 3.99 -2.99	40.11 3.71 -0.39	257.14 4.08 -214.58	256.33 4.44 -212.92	272.06 4.13 -227.05	272.99 4.24 -224.15	276.34 4.46 -221.78	430.77 4.80 -372.68	634.21 4.76 -571.37	327.84 4.08 -271.49	270.41 3.48 -219.96	269.73 3.17 -223.15	256.16 3.76 -212.88	76.74 2.89 -38.63	39.61 2.87 -5.25
HUNTLEY___63 23557	30.62 -0.88 0.00	27.65 -0.86 0.00	26.66 -1.00 0.00	25.08 -1.07 0.00	24.68 -1.00 0.00	26.34 -0.93 0.00	26.71 -0.71 0.00	28.76 -1.14 0.00	30.78 -1.42 0.00	34.74 -1.22 0.00	35.90 -0.11 0.00	38.87 0.38 0.00	39.09 0.12 0.00	41.41 0.53 0.00	45.68 1.07 0.00	51.10 1.00 0.00	53.77 0.48 0.00	58.83 0.75 0.00	52.54 0.26 0.00	46.60 -0.38 0.00	42.89 -0.52 0.00	39.83 0.32 0.00	35.29 0.07 0.00	31.56 0.06 0.00
HUNTLEY___64 23558	30.62 -0.88 0.00	27.65 -0.86 0.00	26.66 -1.00 0.00	25.08 -1.07 0.00	24.68 -1.00 0.00	26.34 -0.93 0.00	26.71 -0.71 0.00	28.76 -1.14 0.00	30.78 -1.42 0.00	34.74 -1.22 0.00	35.90 -0.11 0.00	38.87 0.38 0.00	39.09 0.12 0.00	41.41 0.53 0.00	45.68 1.07 0.00	51.10 1.00 0.00	53.77 0.48 0.00	58.83 0.75 0.00	52.54 0.26 0.00	46.60 -0.38 0.00	42.89 -0.52 0.00	39.83 0.32 0.00	35.29 0.07 0.00	31.56 0.06 0.00
HUNTLEY___65 23559	30.62 -0.88 0.00	27.65 -0.86 0.00	26.66 -1.00 0.00	25.08 -1.07 0.00	24.68 -1.00 0.00	26.34 -0.93 0.00	26.71 -0.71 0.00	28.76 -1.14 0.00	30.78 -1.42 0.00	34.74 -1.22 0.00	35.90 -0.11 0.00	38.87 0.38 0.00	39.09 0.12 0.00	41.41 0.53 0.00	45.68 1.07 0.00	51.10 1.00 0.00	53.77 0.48 0.00	58.83 0.75 0.00	52.54 0.26 0.00	46.60 -0.38 0.00	42.89 -0.52 0.00	39.83 0.32 0.00	35.29 0.07 0.00	31.56 0.06 0.00
HUNTLEY___66 23560	30.62 -0.88 0.00	27.65 -0.86 0.00	26.66 -1.00 0.00	25.08 -1.07 0.00	24.68 -1.00 0.00	26.34 -0.93 0.00	26.71 -0.71 0.00	28.76 -1.14 0.00	30.78 -1.42 0.00	34.74 -1.22 0.00	35.90 -0.11 0.00	38.87 0.38 0.00	39.09 0.12 0.00	41.41 0.53 0.00	45.68 1.07 0.00	51.10 1.00 0.00	53.77 0.48 0.00	58.83 0.75 0.00	52.54 0.26 0.00	46.60 -0.38 0.00	42.89 -0.52 0.00	39.83 0.32 0.00	35.29 0.07 0.00	31.56 0.06 0.00

HUNTLEY___67 23561	30.46 -1.04 0.00	27.51 -1.00 0.00	26.55 -1.11 0.00	25.00 -1.15 0.00	24.58 -1.10 0.00	26.23 -1.04 0.00	26.63 -0.80 0.00	28.61 -1.29 0.00	30.59 -1.61 0.00	34.56 -1.40 0.00	35.69 -0.32 0.00	38.60 0.12 0.00	38.89 -0.08 0.00	41.13 0.25 0.00	45.32 0.71 0.00	50.75 0.65 0.00	53.40 0.11 0.00	58.48 0.41 0.00	52.23 -0.05 0.00	46.37 -0.61 0.00	42.68 -0.74 0.00	39.64 0.12 0.00	35.11 -0.11 0.00	31.41 -0.09 0.00
HUNTLEY___68 23562	30.46 -1.04 0.00	27.51 -1.00 0.00	26.55 -1.11 0.00	25.00 -1.15 0.00	24.58 -1.10 0.00	26.23 -1.04 0.00	26.63 -0.80 0.00	28.61 -1.29 0.00	30.59 -1.61 0.00	34.56 -1.40 0.00	35.69 -0.32 0.00	38.60 0.12 0.00	38.89 -0.08 0.00	41.13 0.25 0.00	45.32 0.71 0.00	50.75 0.65 0.00	53.40 0.11 0.00	58.48 0.41 0.00	52.23 -0.05 0.00	46.37 -0.61 0.00	42.68 -0.74 0.00	39.64 0.12 0.00	35.11 -0.11 0.00	31.41 -0.09 0.00
HYLAND___LFGE 323620	32.51 1.01 0.00	29.31 0.80 0.00	28.30 0.64 0.00	26.62 0.47 0.00	26.22 0.54 0.00	27.95 0.68 0.00	28.30 0.88 0.00	30.31 0.42 0.00	31.94 -0.26 0.00	35.74 -0.21 0.00	36.41 0.40 0.00	39.14 0.65 0.00	39.40 0.43 0.00	40.10 -0.78 0.00	44.38 -0.22 0.00	49.85 -0.25 0.00	52.98 -0.32 0.00	58.66 0.58 0.00	53.74 1.46 0.00	48.76 1.78 0.00	45.28 1.87 0.00	41.61 2.09 0.00	37.82 2.61 0.00	33.71 2.20 0.00
INDECK___CORINTH 23802	33.20 1.70 0.00	30.02 1.51 0.00	28.99 1.33 0.00	27.49 1.33 0.00	26.92 1.23 0.00	28.55 1.28 0.00	28.74 1.32 0.00	31.45 1.55 0.00	33.93 1.74 0.00	37.90 1.94 0.00	37.45 1.44 0.00	40.14 1.65 0.00	40.61 1.64 0.00	42.48 1.59 0.00	46.34 1.74 0.00	52.25 2.15 0.00	55.58 2.29 0.00	60.86 2.79 0.00	55.52 3.24 0.00	50.22 3.24 0.00	46.37 2.95 0.00	42.01 2.49 0.00	37.12 1.90 0.00	33.23 1.73 0.00
INDECK___ILION 23567	32.32 0.82 0.00	29.24 0.77 0.04	28.35 0.72 0.02	26.80 0.65 0.00	26.33 0.64 0.00	27.99 0.74 0.02	28.14 0.74 0.02	30.61 0.78 0.06	32.94 0.84 0.10	36.78 0.97 0.15	36.83 0.97 0.15	39.56 1.08 0.00	39.91 1.13 0.19	41.88 1.19 0.19	45.90 1.29 0.00	51.17 1.45 0.39	54.43 1.55 0.41	59.82 1.74 0.00	53.79 1.52 0.00	48.39 1.41 0.00	44.72 1.30 0.00	40.70 1.19 0.00	36.20 0.99 0.00	32.38 0.88 0.00
INDECK___OLEAN 23982	30.78 -0.72 0.00	27.82 -0.68 0.00	26.86 -0.80 0.00	25.29 -0.86 0.00	24.84 -0.85 0.00	26.61 -0.65 0.00	27.01 -0.41 0.00	28.94 -0.96 0.00	31.01 -1.19 0.00	35.02 -0.94 0.00	36.05 0.04 0.00	39.02 0.54 0.00	39.36 0.39 0.00	41.58 0.69 0.00	45.99 1.38 0.00	51.70 1.60 0.00	54.68 1.38 0.00	59.82 1.74 0.00	53.53 1.25 0.00	47.21 0.24 0.00	43.37 -0.04 0.00	39.95 0.44 0.00	35.40 0.18 0.00	31.66 0.16 0.00
INDECK___OSWEGO 23783	30.78 -0.72 0.00	27.75 -0.68 0.07	26.92 -0.69 0.05	25.47 -0.68 0.00	25.02 -0.67 0.00	26.55 -0.68 0.04	26.72 -0.66 0.05	29.09 -0.69 0.12	31.20 -0.80 0.19	34.86 -0.79 0.30	35.02 -0.69 0.30	37.82 -0.65 0.00	37.61 -0.97 0.39	39.44 -1.06 0.38	43.53 -1.07 0.00	48.12 -1.20 0.78	51.18 -1.28 0.83	56.68 -1.39 0.00	51.02 -1.26 0.00	45.76 -1.22 0.00	42.33 -1.08 0.00	38.65 -0.87 0.00	34.65 -0.56 0.00	30.97 -0.54 0.00
INDECK___YERKES 23781	30.65 -0.85 0.00	27.71 -0.80 0.00	26.75 -0.91 0.00	25.16 -0.99 0.00	24.73 -0.95 0.00	26.37 -0.90 0.00	26.74 -0.68 0.00	28.79 -1.11 0.00	30.81 -1.38 0.00	34.77 -1.19 0.00	35.94 -0.07 0.00	38.98 0.50 0.00	39.25 0.27 0.00	41.50 0.61 0.00	45.90 1.29 0.00	51.35 1.25 0.00	54.04 0.75 0.00	59.12 1.05 0.00	52.80 0.52 0.00	46.84 -0.14 0.00	43.07 -0.35 0.00	39.83 0.31 0.00	35.32 0.11 0.00	31.60 0.09 0.00
INDIAN POINT_GT_1 24139	33.80 2.30 0.00	30.56 2.05 0.00	29.54 1.88 0.00	27.88 1.73 0.00	27.28 1.59 0.00	29.15 1.88 0.00	29.26 1.84 0.00	32.08 2.18 0.00	34.77 2.58 0.00	38.91 2.95 0.00	39.00 2.99 0.00	41.52 3.04 0.00	42.24 3.27 0.00	44.24 3.35 0.00	48.04 3.43 0.00	53.81 3.71 0.00	57.13 3.84 0.00	61.97 3.89 0.00	55.73 3.45 0.00	49.94 2.96 0.00	46.15 2.74 0.00	42.09 2.57 0.00	37.47 2.25 0.00	33.61 2.11 0.00
INDIAN POINT_GT_2 23659	33.80 2.30 0.00	30.56 2.05 0.00	29.54 1.88 0.00	27.88 1.73 0.00	27.28 1.59 0.00	29.15 1.88 0.00	29.26 1.84 0.00	32.08 2.18 0.00	34.77 2.58 0.00	38.91 2.95 0.00	39.00 2.99 0.00	41.52 3.04 0.00	42.24 3.27 0.00	44.24 3.35 0.00	48.04 3.43 0.00	53.81 3.71 0.00	57.13 3.84 0.00	61.97 3.89 0.00	55.73 3.45 0.00	49.94 2.96 0.00	46.15 2.74 0.00	42.09 2.57 0.00	37.47 2.25 0.00	33.61 2.11 0.00
INDIAN POINT_GT_3 24019	33.80 2.30 0.00	30.56 2.05 0.00	29.54 1.88 0.00	27.88 1.73 0.00	27.28 1.59 0.00	29.15 1.88 0.00	29.26 1.84 0.00	32.08 2.18 0.00	34.77 2.58 0.00	38.91 2.95 0.00	39.00 2.99 0.00	41.52 3.04 0.00	42.24 3.27 0.00	44.24 3.35 0.00	48.04 3.43 0.00	53.81 3.71 0.00	57.13 3.84 0.00	61.97 3.89 0.00	55.73 3.45 0.00	49.94 2.96 0.00	46.15 2.74 0.00	42.09 2.57 0.00	37.47 2.25 0.00	33.61 2.11 0.00
INDIAN POINT___2 23530	33.74 2.24 0.00	30.47 1.97 0.00	29.46 1.80 0.00	27.83 1.68 0.00	27.28 1.59 0.00	29.10 1.83 0.00	29.20 1.78 0.00	32.02 2.12 0.00	34.71 2.51 0.00	38.80 2.84 0.00	38.93 2.92 0.00	41.41 2.92 0.00	42.13 3.16 0.00	44.11 3.23 0.00	47.91 3.30 0.00	53.66 3.56 0.00	57.02 3.73 0.00	61.80 3.72 0.00	55.57 3.30 0.00	49.75 2.77 0.00	46.02 2.60 0.00	42.01 2.49 0.00	37.40 2.18 0.00	33.52 2.02 0.00
INDIAN POINT___3 23531	33.74 2.24 0.00	30.50 2.00 0.00	29.48 1.83 0.00	27.85 1.70 0.00	27.25 1.57 0.00	29.10 1.83 0.00	29.20 1.78 0.00	32.02 2.12 0.00	34.71 2.51 0.00	38.80 2.84 0.00	38.89 2.88 0.00	41.41 2.92 0.00	42.13 3.16 0.00	44.11 3.23 0.00	47.91 3.30 0.00	53.66 3.56 0.00	56.97 3.68 0.00	61.85 3.77 0.00	55.57 3.29 0.00	49.80 2.82 0.00	46.02 2.60 0.00	41.97 2.45 0.00	37.40 2.18 0.00	33.52 2.02 0.00
INGHAM_C_115KV_TB7 356103	32.92 1.42 0.00	29.78 1.31 0.04	28.85 1.22 0.02	27.30 1.15 0.00	26.79 1.10 0.00	28.50 1.25 0.02	28.69 1.29 0.02	31.18 1.35 0.06	33.58 1.48 0.10	37.46 1.65 0.15	37.55 1.69 0.15	40.37 1.89 0.00	40.69 1.91 0.19	42.70 2.00 0.19	46.83 2.23 0.00	52.22 2.50 0.39	55.60 2.72 0.41	61.04 2.96 0.00	54.94 2.67 0.00	49.37 2.40 0.00	45.63 2.21 0.00	41.61 2.09 0.00	36.94 1.73 0.00	33.05 1.54 0.00
IP CORINTH___1 23988	33.39 1.89 0.00	30.19 1.68 0.00	29.15 1.49 0.00	27.62 1.46 0.00	27.02 1.34 0.00	28.69 1.42 0.00	28.90 1.48 0.00	31.63 1.73 0.00	34.10 1.90 0.00	38.12 2.16 0.00	37.63 1.62 0.00	40.37 1.89 0.00	40.92 1.95 0.00	42.72 1.84 0.00	46.61 2.01 0.00	52.55 2.45 0.00	55.90 2.61 0.00	61.21 3.14 0.00	55.78 3.50 0.00	50.46 3.48 0.00	46.63 3.21 0.00	42.25 2.73 0.00	37.33 2.11 0.00	33.42 1.92 0.00

IP___TICONDEROGA 23804	35.03 3.53 0.00	31.64 3.14 0.00	30.42 2.77 0.00	28.85 2.69 0.00	28.15 2.47 0.00	29.97 2.70 0.00	30.27 2.85 0.00	33.12 3.23 0.00	35.74 3.54 0.00	39.91 3.96 0.00	39.36 3.35 0.00	42.41 3.93 0.00	43.10 4.13 0.00	44.81 3.92 0.00	48.93 4.33 0.00	55.16 5.06 0.00	58.68 5.38 0.00	64.75 6.68 0.00	59.07 6.80 0.00	53.65 6.67 0.00	49.45 6.03 0.00	44.74 5.22 0.00	39.44 4.23 0.00	35.22 3.72 0.00
ISLIP_RES_REC 323679	40.84 3.78 -5.56	40.01 3.33 -8.17	38.10 3.07 -7.37	35.73 2.93 -6.65	34.03 2.80 -5.54	38.01 3.13 -7.61	38.75 3.12 -8.21	39.85 3.71 -6.25	40.96 4.15 -4.61	42.29 4.67 -1.66	55.63 4.57 -15.05	127.44 4.89 -84.07	126.68 5.14 -82.57	133.95 5.03 -88.04	136.73 5.22 -86.91	141.65 5.56 -85.99	203.71 5.91 -144.51	285.67 6.04 -221.55	162.77 5.23 -105.27	136.78 4.51 -85.29	134.07 4.13 -86.52	127.20 4.46 -83.22	64.26 3.70 -25.34	39.02 3.56 -3.96
JAMAICA__27_KV_LOAD 355505	34.50 2.99 0.00	31.05 2.54 0.00	30.01 2.35 0.00	28.30 2.14 0.00	27.64 1.95 0.00	29.59 2.32 0.00	29.75 2.33 0.00	32.67 2.78 0.00	35.51 3.32 0.00	39.74 3.78 0.00	39.95 3.93 -0.02	42.48 4.00 0.00	43.37 4.40 0.00	45.30 4.42 0.00	49.11 4.51 0.00	54.91 4.81 0.00	58.14 4.85 0.00	63.01 4.94 0.00	56.62 4.34 0.00	50.83 3.85 0.00	46.98 3.56 0.00	42.88 3.36 0.00	38.28 3.06 0.00	34.37 2.87 0.00
JANIS___SOLAR 323808	33.14 1.64 0.00	29.96 1.45 0.00	28.93 1.27 0.00	27.33 1.18 0.00	26.87 1.18 0.00	28.63 1.36 0.00	28.95 1.53 0.00	31.39 1.49 0.00	33.49 1.29 0.00	37.43 1.47 0.00	37.56 1.55 0.00	40.37 1.89 0.00	40.84 1.87 0.00	42.93 2.04 0.00	47.06 2.45 0.00	53.00 2.90 0.00	56.60 3.31 0.00	62.08 4.00 0.00	56.15 3.87 0.00	50.45 3.48 0.00	46.84 3.43 0.00	42.72 3.20 0.00	37.76 2.54 0.00	33.58 2.08 0.00
JARVIS____ 23743	31.85 0.35 0.00	28.79 0.31 0.04	27.94 0.30 0.02	26.44 0.29 0.00	25.94 0.26 0.00	27.55 0.30 0.02	27.67 0.27 0.02	30.13 0.30 0.06	32.42 0.32 0.10	36.20 0.40 0.15	36.26 0.40 0.15	38.90 0.42 0.00	39.21 0.43 0.19	41.19 0.49 0.19	45.09 0.49 0.00	50.26 0.55 0.39	53.47 0.59 0.41	58.72 0.64 0.00	52.85 0.58 0.00	47.45 0.47 0.00	43.85 0.43 0.00	39.95 0.44 0.00	35.57 0.35 0.00	31.82 0.31 0.00
JENNISON___1 23625	33.39 1.89 0.00	30.22 1.71 0.00	29.21 1.55 0.00	27.57 1.41 0.00	27.10 1.41 0.00	28.90 1.64 0.00	29.20 1.78 0.00	31.66 1.76 0.00	33.93 1.74 0.00	38.01 2.05 0.00	38.17 2.16 0.00	41.06 2.58 0.00	41.54 2.57 0.00	43.70 2.82 0.00	47.82 3.21 0.00	53.71 3.61 0.00	57.24 3.94 0.00	62.61 4.53 0.00	56.46 4.18 0.00	50.64 3.66 0.00	46.93 3.52 0.00	42.92 3.40 0.00	37.89 2.68 0.00	33.71 2.21 0.00
JENNISON___2 23626	33.39 1.89 0.00	30.22 1.71 0.00	29.21 1.55 0.00	27.57 1.41 0.00	27.10 1.41 0.00	28.90 1.64 0.00	29.20 1.78 0.00	31.66 1.76 0.00	33.93 1.74 0.00	38.01 2.05 0.00	38.17 2.16 0.00	41.06 2.58 0.00	41.54 2.57 0.00	43.70 2.82 0.00	47.82 3.21 0.00	53.71 3.61 0.00	57.24 3.94 0.00	62.61 4.53 0.00	56.46 4.18 0.00	50.64 3.66 0.00	46.93 3.52 0.00	42.92 3.40 0.00	37.89 2.68 0.00	33.71 2.21 0.00
JERICHO_RISE_WT_PWR 323719	30.96 -0.54 0.01	27.78 -0.48 0.25	27.00 -0.50 0.16	25.67 -0.47 0.01	25.25 -0.44 0.00	26.55 -0.60 0.12	26.80 -0.47 0.15	29.01 -0.48 0.41	31.00 -0.55 0.65	34.11 -0.83 1.02	34.17 -0.83 1.02	37.62 -0.85 0.01	36.30 -1.37 1.31	38.15 -1.47 1.26	43.12 -1.47 0.01	45.87 -1.61 2.63	48.47 -2.03 2.80	56.16 -1.92 0.00	50.81 -1.46 0.00	46.37 -0.61 0.00	42.72 -0.70 0.00	38.49 -1.03 0.00	34.76 -0.46 0.00	30.94 -0.57 0.00
KATONAH___115KV_46KV_TB4 355592	34.06 2.55 0.00	30.76 2.25 0.00	29.73 2.07 0.00	28.06 1.91 0.00	27.48 1.80 0.00	29.34 2.07 0.00	29.48 2.06 0.00	32.38 2.48 0.00	35.16 2.96 0.00	39.27 3.31 0.00	39.40 3.38 0.00	41.95 3.46 0.00	42.71 3.74 0.00	44.81 3.92 0.00	48.66 4.06 0.00	54.51 4.41 0.00	57.82 4.53 0.00	62.78 4.70 0.00	56.41 4.13 0.00	50.55 3.57 0.00	46.71 3.30 0.00	42.52 3.00 0.00	37.89 2.68 0.00	33.96 2.46 0.00
KCE_NY_1 323755	33.58 2.08 0.00	30.39 1.88 0.00	29.40 1.74 0.00	27.83 1.68 0.00	27.25 1.57 0.00	28.93 1.66 0.00	29.09 1.67 0.00	31.78 1.88 0.00	34.26 2.06 0.00	38.30 2.34 0.00	38.06 2.05 0.00	40.75 2.27 0.00	41.31 2.34 0.00	43.29 2.41 0.00	47.19 2.59 0.00	53.16 3.06 0.00	56.60 3.31 0.00	61.85 3.77 0.00	55.94 3.66 0.00	50.45 3.48 0.00	46.58 3.17 0.00	42.24 2.72 0.00	37.44 2.22 0.00	33.55 2.05 0.00
KCE_NY_6_ESR 323823	30.90 -0.60 0.00	27.94 -0.57 0.00	26.97 -0.69 0.00	25.37 -0.78 0.00	24.91 -0.77 0.00	26.61 -0.65 0.00	26.98 -0.44 0.00	29.03 -0.87 0.00	31.07 -1.13 0.00	35.13 -0.83 0.00	36.26 0.25 0.00	39.29 0.81 0.00	39.63 0.66 0.00	41.86 0.98 0.00	46.30 1.69 0.00	51.90 1.80 0.00	54.68 1.38 0.00	59.82 1.74 0.00	53.43 1.15 0.00	47.35 0.37 0.00	43.55 0.13 0.00	40.23 0.71 0.00	35.64 0.42 0.00	31.91 0.41 0.00
KEDC_PORT_JEFF_GT2 24210	40.50 3.43 -5.56	39.70 3.02 -8.17	37.82 2.79 -7.37	35.47 2.67 -6.65	33.77 2.54 -5.54	37.74 2.86 -7.61	38.48 2.85 -8.21	39.52 3.38 -6.25	40.59 3.77 -4.63	42.01 4.21 -1.85	51.53 3.78 -11.74	145.10 4.00 -102.62	144.35 4.29 -101.10	152.72 4.05 -107.79	155.17 4.15 -106.41	159.70 4.31 -105.29	234.81 4.58 -176.93	333.93 4.59 -271.27	185.09 3.92 -128.89	154.79 3.38 -104.43	152.48 3.13 -105.94	144.96 3.63 -101.81	64.66 3.06 -26.38	38.67 3.09 -4.08
KEDC_PORT_JEFF_GT3 24211	40.50 3.43 -5.56	39.70 3.02 -8.17	37.82 2.79 -7.37	35.47 2.67 -6.65	33.77 2.54 -5.54	37.74 2.86 -7.61	38.48 2.85 -8.21	39.52 3.38 -6.25	40.59 3.77 -4.63	42.01 4.21 -1.85	51.53 3.78 -11.74	145.10 4.00 -102.62	144.35 4.29 -101.10	152.72 4.05 -107.79	155.17 4.15 -106.41	159.70 4.31 -105.29	234.81 4.58 -176.93	333.93 4.59 -271.27	185.09 3.92 -128.89	154.79 3.38 -104.43	152.48 3.13 -105.94	144.96 3.63 -101.81	64.66 3.06 -26.38	38.67 3.09 -4.08
KEDC_GLWD_GT4 24219	40.31 3.25 -5.56	39.50 2.82 -8.17	37.63 2.60 -7.37	35.21 2.40 -6.65	33.51 2.29 -5.54	37.44 2.56 -7.61	38.18 2.55 -8.21	39.16 3.02 -6.25	40.30 3.57 -4.53	40.83 4.06 -0.81	40.15 4.14 0.00	44.27 4.39 -1.40	43.46 4.48 -0.01	45.09 4.21 0.00	48.98 4.37 0.00	54.71 4.61 0.00	58.14 4.85 0.00	62.89 4.82 0.00	56.46 4.18 0.00	50.55 3.57 0.00	46.67 3.26 0.00	43.35 3.83 0.00	38.42 3.20 0.00	36.55 3.09 -1.96
KEDC_GLWD_GT5 24220	40.31 3.25 -5.56	39.50 2.82 -8.17	37.63 2.60 -7.37	35.21 2.40 -6.65	33.51 2.29 -5.54	37.44 2.56 -7.61	38.18 2.55 -8.21	39.16 3.02 -6.25	40.30 3.57 -4.53	40.83 4.06 -0.81	40.15 4.14 0.00	44.27 4.39 -1.40	43.46 4.48 -0.01	45.09 4.21 0.00	48.98 4.37 0.00	54.71 4.61 0.00	58.14 4.85 0.00	62.89 4.82 0.00	56.46 4.18 0.00	50.55 3.57 0.00	46.67 3.26 0.00	43.35 3.83 0.00	38.42 3.20 0.00	36.55 3.09 -1.96

KENSICO____ 23655	33.96 2.46 0.00	30.65 2.14 0.00	29.65 1.99 0.00	27.98 1.83 0.00	27.38 1.70 0.00	29.23 1.96 0.00	29.37 1.95 0.00	32.23 2.33 0.00	34.93 2.74 0.00	39.09 3.13 0.00	39.18 3.17 0.00	41.71 3.23 0.00	42.44 3.47 0.00	44.40 3.52 0.00	48.22 3.61 0.00	54.01 3.91 0.00	57.29 4.00 0.00	62.14 4.07 0.00	55.83 3.55 0.00	50.08 3.10 0.00	46.28 2.87 0.00	42.25 2.73 0.00	37.61 2.39 0.00	33.74 2.24 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	33.87 2.36 0.00	30.62 2.11 0.00	29.57 1.91 0.00	27.88 1.73 0.00	27.30 1.62 0.00	29.15 1.88 0.00	29.23 1.81 0.00	31.90 2.00 0.00	34.55 2.35 0.00	38.58 2.63 0.00	38.71 2.70 0.00	41.21 2.73 0.00	42.01 3.04 0.00	44.07 3.19 0.00	47.91 3.30 0.00	53.71 3.61 0.00	57.13 3.84 0.00	62.20 4.12 0.00	55.94 3.66 0.00	50.22 3.24 0.00	46.37 2.95 0.00	42.21 2.69 0.00	37.47 2.25 0.00	33.58 2.08 0.00
KIAC_JFK_GT1 23816	34.18 2.68 0.00	30.76 2.25 0.00	29.82 2.16 0.00	28.14 1.99 0.00	27.48 1.80 0.00	29.40 2.13 0.00	29.59 2.17 0.00	32.38 2.48 0.00	35.22 3.03 0.00	39.38 3.42 0.00	39.59 3.57 -0.02	42.06 3.58 0.00	42.95 3.98 0.00	44.85 3.97 0.00	48.62 4.01 0.00	54.31 4.21 0.00	57.56 4.26 0.00	62.32 4.24 0.00	55.99 3.71 0.00	50.31 3.34 0.00	46.50 3.08 0.00	42.44 2.92 0.00	37.89 2.68 0.00	34.02 2.52 0.00
KIAC_JFK_GT2 23817	34.18 2.68 0.00	30.76 2.25 0.00	29.82 2.16 0.00	28.14 1.99 0.00	27.48 1.80 0.00	29.40 2.13 0.00	29.59 2.17 0.00	32.38 2.48 0.00	35.22 3.03 0.00	39.38 3.42 0.00	39.59 3.57 -0.02	42.06 3.58 0.00	42.95 3.98 0.00	44.85 3.97 0.00	48.62 4.01 0.00	54.31 4.21 0.00	57.56 4.26 0.00	62.32 4.24 0.00	55.99 3.71 0.00	50.31 3.34 0.00	46.50 3.08 0.00	42.44 2.92 0.00	37.89 2.68 0.00	34.02 2.52 0.00
KIAC_JFK____ 323774	34.18 2.68 0.00	30.76 2.25 0.00	29.82 2.16 0.00	28.14 1.99 0.00	27.51 1.82 0.00	29.40 2.13 0.00	29.59 2.17 0.00	32.37 2.48 0.00	35.22 3.03 0.00	39.38 3.42 0.00	39.59 3.57 -0.02	42.02 3.54 0.00	42.91 3.93 0.00	44.85 3.96 0.00	48.57 3.97 0.00	54.26 4.16 0.00	57.61 4.31 0.00	62.26 4.18 0.00	55.94 3.66 0.00	50.17 3.20 0.00	46.50 3.08 0.00	42.44 2.92 0.00	37.89 2.68 0.00	34.02 2.52 0.00
KINTIGH____ 23543	30.37 -1.13 0.00	27.45 -1.05 0.00	26.52 -1.13 0.00	24.98 -1.18 0.00	24.58 -1.10 0.00	26.18 -1.09 0.00	26.54 -0.88 0.00	28.64 -1.26 0.00	30.65 -1.55 0.00	34.56 -1.40 0.00	35.54 -0.47 0.00	38.37 -0.12 0.00	38.62 -0.35 0.00	40.80 -0.08 0.00	44.92 0.31 0.00	50.30 0.20 0.00	53.08 -0.21 0.00	58.13 0.06 0.00	51.96 -0.31 0.00	46.27 -0.70 0.00	42.63 -0.78 0.00	39.40 -0.12 0.00	34.97 -0.25 0.00	31.22 -0.28 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	31.62 0.13 0.01	28.47 0.11 0.15	27.61 0.06 0.10	26.20 0.05 0.01	25.74 0.05 0.00	27.11 -0.08 0.08	27.44 0.11 0.09	29.83 0.18 0.25	31.93 0.13 0.39	35.16 -0.18 0.62	35.32 -0.07 0.62	38.47 0.00 0.01	37.28 -0.90 0.79	39.13 -0.98 0.77	43.75 -0.85 0.01	47.60 -0.90 1.60	49.99 -1.60 1.70	56.86 -1.22 0.00	51.60 -0.68 0.00	47.50 0.52 0.00	43.72 0.30 0.00	39.20 -0.32 0.00	35.68 0.46 0.00	31.69 0.19 0.00
LACHUTE__HYDRO 323717	35.03 3.53 0.00	31.64 3.14 0.00	30.42 2.77 0.00	28.85 2.69 0.00	28.17 2.49 0.00	29.97 2.70 0.00	30.27 2.85 0.00	33.12 3.23 0.00	35.74 3.54 0.00	39.91 3.96 0.00	39.39 3.38 0.00	42.41 3.93 0.00	42.95 3.98 0.00	44.81 3.93 0.00	48.93 4.33 0.00	55.16 5.06 0.00	58.67 5.38 0.00	64.75 6.68 0.00	59.07 6.79 0.00	53.65 6.67 0.00	49.45 6.03 0.00	44.73 5.22 0.00	39.44 4.22 0.00	35.22 3.72 0.00
LAWRNCV_115KV_TB1 80681	29.62 -1.80 0.09	25.11 -1.62 1.78	24.96 -1.52 1.18	24.68 -1.39 0.09	24.73 -0.95 0.00	24.88 -1.50 0.89	24.96 -1.37 1.09	25.42 -1.55 2.92	25.83 -1.74 4.63	26.50 -2.12 7.33	26.46 -2.27 7.29	35.93 -2.46 0.09	26.98 -2.61 9.38	29.00 -2.82 9.06	41.44 -3.08 0.09	27.85 -3.41 18.84	29.66 -3.57 20.07	54.42 -3.66 0.00	49.14 -3.14 0.00	44.58 -2.40 0.00	41.24 -2.17 0.00	37.35 -2.17 0.00	33.39 -1.83 0.00	29.74 -1.76 0.00
LEDERLE____ 23769	33.83 2.33 0.00	30.59 2.08 0.00	29.57 1.91 0.00	27.91 1.75 0.00	27.33 1.64 0.00	29.18 1.91 0.00	29.28 1.86 0.00	32.08 2.18 0.00	34.74 2.54 0.00	38.87 2.91 0.00	39.00 2.99 0.00	41.56 3.08 0.00	42.28 3.31 0.00	44.28 3.39 0.00	48.13 3.52 0.00	53.91 3.81 0.00	57.24 3.94 0.00	62.20 4.12 0.00	55.83 3.55 0.00	50.03 3.05 0.00	46.19 2.78 0.00	42.13 2.61 0.00	37.51 2.29 0.00	33.61 2.11 0.00
LIGHTHSE_115KV_TB6 355974	30.86 -0.63 0.01	27.74 -0.60 0.17	26.88 -0.66 0.12	25.52 -0.63 0.01	25.07 -0.62 0.00	26.58 -0.60 0.09	26.77 -0.55 0.11	29.04 -0.57 0.29	31.07 -0.68 0.45	34.59 -0.65 0.72	34.76 -0.54 0.71	38.01 -0.46 0.01	37.47 -0.58 0.92	39.42 -0.57 0.89	43.93 -0.67 0.01	47.50 -0.75 1.84	50.53 -0.80 1.96	57.38 -0.70 0.00	51.70 -0.58 0.00	46.51 -0.47 0.00	43.07 -0.35 0.00	39.36 -0.16 0.00	35.04 -0.18 0.00	31.22 -0.28 0.00
LINDEN COGEN____ 23786	34.09 2.58 0.00	30.73 2.23 0.00	29.65 1.99 0.00	27.98 1.83 0.00	27.38 1.69 0.00	29.23 1.96 0.00	29.40 1.98 0.00	32.35 2.45 0.00	35.13 2.93 0.00	39.27 3.31 0.00	39.41 3.38 -0.02	41.30 3.31 0.49	41.30 3.62 1.30	42.56 3.64 1.96	42.44 3.66 5.82	42.55 3.81 11.36	42.75 3.94 14.48	42.81 3.77 19.04	42.60 3.35 13.03	41.28 2.87 8.57	40.85 2.69 5.26	40.80 2.65 1.36	37.72 2.50 0.00	33.87 2.36 0.00
LINDHRST_69_KV_BK1 356055	40.58 3.53 -5.55	39.78 3.11 -8.16	37.90 2.88 -7.36	35.46 2.67 -6.64	33.74 2.52 -5.54	37.73 2.86 -7.60	38.47 2.85 -8.20	39.48 3.35 -6.24	40.50 3.77 -4.53	41.12 4.28 -0.88	47.81 4.29 -7.52	52.03 4.54 -9.01	51.26 4.68 -7.61	53.57 4.58 -8.11	57.34 4.73 -8.01	63.13 5.11 -7.92	71.94 5.33 -13.32	84.01 5.52 -20.41	66.79 4.81 -9.70	58.97 4.13 -7.86	55.21 3.82 -7.97	51.16 3.95 -7.69	45.31 3.49 -6.60	37.31 3.37 -2.43
LIPA_MISC_IPP 23656	40.52 3.47 -5.55	39.72 3.05 -8.16	37.84 2.82 -7.36	35.46 2.67 -6.64	33.74 2.52 -5.54	37.73 2.86 -7.60	38.47 2.85 -8.20	39.51 3.38 -6.24	40.57 3.77 -4.61	41.88 4.24 -1.68	53.04 4.14 -12.89	129.77 4.50 -86.79	128.93 4.68 -85.28	136.32 4.50 -90.94	139.06 4.68 -89.77	143.94 5.01 -88.83	207.78 5.22 -149.27	292.39 5.46 -228.85	165.77 4.76 -108.74	139.16 4.09 -88.10	136.57 3.78 -89.37	129.73 4.03 -86.18	62.93 3.38 -24.33	38.66 3.28 -3.88
LISF__SOLAR 323691	40.62 3.56 -5.56	39.81 3.14 -8.17	37.91 2.88 -7.37	35.55 2.75 -6.65	33.85 2.62 -5.54	37.83 2.95 -7.61	38.53 2.91 -8.21	39.61 3.47 -6.25	40.67 3.86 -4.62	41.97 4.31 -1.70	53.22 4.25 -12.97	131.01 4.50 -88.02	130.28 4.79 -86.52	137.79 4.66 -92.25	140.49 4.82 -91.07	145.32 5.11 -90.11	210.20 5.49 -151.42	295.86 5.63 -232.15	167.49 4.91 -110.30	140.58 4.23 -89.37	137.94 3.86 -90.66	131.12 4.23 -87.37	63.31 3.49 -24.60	38.79 3.37 -3.91

LITTLE FALLS___HYD 24013	32.92 1.42 0.00	29.78 1.31 0.04	28.85 1.22 0.02	27.30 1.15 0.00	26.79 1.10 0.00	28.50 1.25 0.02	28.69 1.29 0.02	31.18 1.35 0.06	33.58 1.48 0.10	37.46 1.65 0.15	37.55 1.69 0.15	40.37 1.89 0.00	40.69 1.91 0.19	42.70 2.00 0.19	46.83 2.23 0.00	52.22 2.50 0.39	55.60 2.72 0.41	61.04 2.96 0.00	54.94 2.67 0.00	49.37 2.40 0.00	45.63 2.21 0.00	41.61 2.09 0.00	36.94 1.73 0.00	33.05 1.54 0.00
LITTLRIV_115KV_TB1 356100	29.94 -1.48 0.08	25.47 -1.34 1.70	25.26 -1.27 1.13	24.95 -1.12 0.08	24.99 -0.69 0.00	25.20 -1.23 0.85	25.31 -1.07 1.04	25.85 -1.26 2.79	26.32 -1.45 4.42	27.12 -1.83 7.01	27.03 -2.02 6.96	36.20 -2.19 0.08	27.71 -2.30 8.96	29.69 -2.53 8.66	41.80 -2.72 0.08	29.09 -3.01 18.00	30.98 -3.14 19.17	54.94 -3.14 0.00	49.72 -2.56 0.00	45.19 -1.79 0.00	41.81 -1.61 0.00	37.86 -1.66 0.00	33.81 -1.41 0.00	30.02 -1.48 0.00
LI_NEWBRDGE___DRP 323616	39.86 2.80 -5.55	39.15 2.48 -8.16	37.32 2.30 -7.36	34.94 2.14 -6.64	33.22 2.00 -5.54	37.16 2.29 -7.60	37.89 2.28 -8.20	38.82 2.69 -6.24	39.85 3.12 -4.53	40.29 3.52 -0.80	39.50 3.49 0.00	43.57 3.69 -1.39	42.87 3.90 0.00	44.64 3.76 0.00	48.44 3.84 0.00	54.16 4.06 0.00	57.50 4.21 0.00	62.37 4.30 0.00	55.99 3.71 0.00	50.17 3.19 0.00	46.37 2.95 0.00	42.64 3.12 0.00	37.89 2.68 0.00	36.07 2.61 -1.95
LOCKPORT_115KV_TB60_63_64 80432	30.43 -1.07 0.00	27.48 -1.03 0.00	26.50 -1.16 0.00	24.98 -1.18 0.00	24.55 -1.13 0.00	26.21 -1.06 0.00	26.54 -0.88 0.00	28.58 -1.32 0.00	30.55 -1.64 0.00	34.41 -1.55 0.00	35.58 -0.43 0.00	38.48 0.00 0.00	38.78 -0.19 0.00	41.09 0.20 0.00	45.32 0.71 0.00	50.65 0.55 0.00	53.35 0.05 0.00	58.42 0.35 0.00	52.23 -0.05 0.00	46.27 -0.70 0.00	42.59 -0.82 0.00	39.56 0.04 0.00	35.04 -0.18 0.00	31.38 -0.13 0.00
LOCKPORT___CC1 323769	30.37 -1.13 0.00	27.45 -1.05 0.00	26.52 -1.14 0.00	24.98 -1.18 0.00	24.53 -1.16 0.00	26.15 -1.12 0.00	26.52 -0.90 0.00	28.52 -1.37 0.00	30.49 -1.71 0.00	34.31 -1.65 0.00	35.47 -0.54 0.00	38.44 -0.04 0.00	38.74 -0.23 0.00	40.92 0.04 0.00	45.28 0.67 0.00	50.65 0.55 0.00	53.35 0.05 0.00	58.43 0.35 0.00	52.17 -0.10 0.00	46.32 -0.66 0.00	42.59 -0.83 0.00	39.36 -0.16 0.00	34.94 -0.28 0.00	31.28 -0.22 0.00
LOCKPORT___CC2 323770	30.37 -1.13 0.00	27.45 -1.05 0.00	26.52 -1.14 0.00	24.98 -1.18 0.00	24.53 -1.16 0.00	26.15 -1.12 0.00	26.52 -0.90 0.00	28.52 -1.37 0.00	30.49 -1.71 0.00	34.31 -1.65 0.00	35.47 -0.54 0.00	38.44 -0.04 0.00	38.74 -0.23 0.00	40.92 0.04 0.00	45.28 0.67 0.00	50.65 0.55 0.00	53.35 0.05 0.00	58.43 0.35 0.00	52.17 -0.10 0.00	46.32 -0.66 0.00	42.59 -0.83 0.00	39.36 -0.16 0.00	34.94 -0.28 0.00	31.28 -0.22 0.00
LOCKPORT___CC3 323771	30.37 -1.13 0.00	27.45 -1.05 0.00	26.52 -1.14 0.00	24.98 -1.18 0.00	24.53 -1.16 0.00	26.15 -1.12 0.00	26.52 -0.90 0.00	28.52 -1.37 0.00	30.49 -1.71 0.00	34.31 -1.65 0.00	35.47 -0.54 0.00	38.44 -0.04 0.00	38.74 -0.23 0.00	40.92 0.04 0.00	45.28 0.67 0.00	50.65 0.55 0.00	53.35 0.05 0.00	58.43 0.35 0.00	52.17 -0.10 0.00	46.32 -0.66 0.00	42.59 -0.83 0.00	39.36 -0.16 0.00	34.94 -0.28 0.00	31.28 -0.22 0.00
LONG_LAKE_PHOENIX 24014	31.03 -0.47 0.00	27.97 -0.48 0.06	27.12 -0.50 0.04	25.65 -0.50 0.00	25.17 -0.51 0.00	26.75 -0.49 0.03	26.95 -0.44 0.03	29.32 -0.48 0.09	31.47 -0.58 0.14	35.19 -0.54 0.23	35.39 -0.40 0.23	38.17 -0.31 0.00	38.29 -0.39 0.29	40.23 -0.37 0.28	44.25 -0.36 0.00	49.16 -0.35 0.59	52.29 -0.37 0.63	57.67 -0.41 0.00	51.91 -0.37 0.00	46.51 -0.47 0.00	43.07 -0.35 0.00	39.28 -0.24 0.00	34.97 -0.25 0.00	31.25 -0.25 0.00
LOVETT___3 23632	33.65 2.14 0.00	30.42 1.91 0.00	29.40 1.74 0.00	27.77 1.62 0.00	27.20 1.52 0.00	29.01 1.75 0.00	29.15 1.73 0.00	31.90 2.00 0.00	34.58 2.38 0.00	38.66 2.70 0.00	38.78 2.77 0.00	41.29 2.81 0.00	42.01 3.04 0.00	43.99 3.11 0.00	47.77 3.17 0.00	53.51 3.41 0.00	56.86 3.57 0.00	61.68 3.60 0.00	55.47 3.19 0.00	49.66 2.68 0.00	45.89 2.47 0.00	41.85 2.33 0.00	37.26 2.04 0.00	33.42 1.92 0.00
LOVETT___4 23642	33.65 2.14 0.00	30.42 1.91 0.00	29.40 1.74 0.00	27.77 1.62 0.00	27.20 1.52 0.00	29.01 1.75 0.00	29.15 1.73 0.00	31.90 2.00 0.00	34.58 2.38 0.00	38.66 2.70 0.00	38.78 2.77 0.00	41.29 2.81 0.00	42.01 3.04 0.00	43.99 3.11 0.00	47.77 3.17 0.00	53.51 3.41 0.00	56.86 3.57 0.00	61.68 3.60 0.00	55.47 3.19 0.00	49.66 2.68 0.00	45.89 2.47 0.00	41.85 2.33 0.00	37.26 2.04 0.00	33.42 1.92 0.00
LOVETT___5 23593	33.65 2.14 0.00	30.42 1.91 0.00	29.40 1.74 0.00	27.77 1.62 0.00	27.20 1.52 0.00	29.01 1.75 0.00	29.15 1.73 0.00	31.90 2.00 0.00	34.58 2.38 0.00	38.66 2.70 0.00	38.78 2.77 0.00	41.29 2.81 0.00	42.01 3.04 0.00	43.99 3.11 0.00	47.77 3.17 0.00	53.51 3.41 0.00	56.86 3.57 0.00	61.68 3.60 0.00	55.47 3.19 0.00	49.66 2.68 0.00	45.89 2.47 0.00	41.85 2.33 0.00	37.26 2.04 0.00	33.42 1.92 0.00
LOWER RAQUET___HYD 24057	29.47 -1.95 0.08	25.14 -1.74 1.62	24.89 -1.69 1.08	24.53 -1.54 0.08	24.40 -1.28 0.00	24.82 -1.64 0.81	24.92 -1.51 0.99	25.53 -1.70 2.66	26.10 -1.87 4.23	26.96 -2.30 6.70	26.91 -2.45 6.66	35.71 -2.69 0.08	27.56 -2.84 8.57	29.54 -3.07 8.28	41.22 -3.30 0.08	29.18 -3.71 17.21	31.07 -3.89 18.33	54.12 -3.95 0.00	48.88 -3.40 0.00	44.39 -2.58 0.00	41.07 -2.35 0.00	37.19 -2.33 0.00	33.25 -1.97 0.00	29.58 -1.92 0.00
LOWER___HUDSON 24059	33.08 1.57 0.00	29.93 1.42 0.00	28.99 1.33 0.00	27.46 1.31 0.00	26.92 1.23 0.00	28.55 1.28 0.00	28.68 1.26 0.00	31.36 1.46 0.00	33.81 1.61 0.00	37.76 1.80 0.00	37.56 1.55 0.00	40.10 1.62 0.00	40.68 1.71 0.00	42.68 1.80 0.00	46.52 1.92 0.00	52.36 2.26 0.00	55.80 2.51 0.00	60.81 2.73 0.00	54.84 2.56 0.00	49.33 2.35 0.00	45.59 2.17 0.00	41.38 1.86 0.00	36.66 1.44 0.00	32.92 1.42 0.00
LOWVILLE_115KV_TB2 356335	31.54 0.06 0.02	28.07 0.03 0.46	27.30 -0.06 0.31	26.08 -0.05 0.02	25.74 0.05 0.00	27.04 0.00 0.23	27.27 0.14 0.28	29.16 0.03 0.76	30.92 -0.06 1.21	33.94 -0.11 1.91	33.89 -0.22 1.90	38.30 -0.15 0.02	36.33 -0.19 2.45	38.36 -0.16 2.36	44.36 -0.22 0.02	44.93 -0.25 4.92	47.95 -0.11 5.24	58.31 0.23 0.00	52.64 0.37 0.00	47.59 0.61 0.00	44.11 0.69 0.00	40.19 0.67 0.00	35.57 0.35 0.00	31.63 0.13 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	33.55 2.05 0.00	30.36 1.85 0.00	29.37 1.71 0.00	27.80 1.65 0.00	27.20 1.52 0.00	28.90 1.64 0.00	29.07 1.65 0.00	31.78 1.88 0.00	34.26 2.06 0.00	38.26 2.30 0.00	38.03 2.02 0.00	40.71 2.23 0.00	41.35 2.38 0.00	43.25 2.37 0.00	47.19 2.59 0.00	53.11 3.01 0.00	56.54 3.25 0.00	61.79 3.72 0.00	55.88 3.61 0.00	50.41 3.43 0.00	46.54 3.13 0.00	42.21 2.69 0.00	37.40 2.18 0.00	33.52 2.02 0.00

LUTHERNY_35_KV_BK2 355980	33.58 2.08 0.00	30.39 1.88 0.00	29.40 1.74 0.00	27.83 1.67 0.00	27.23 1.54 0.00	28.93 1.66 0.00	29.09 1.67 0.00	31.78 1.88 0.00	34.26 2.06 0.00	38.30 2.34 0.00	38.06 2.05 0.00	40.75 2.27 0.00	41.35 2.38 0.00	43.30 2.41 0.00	47.19 2.59 0.00	53.16 3.06 0.00	56.60 3.30 0.00	61.85 3.77 0.00	55.94 3.66 0.00	50.46 3.48 0.00	46.58 3.17 0.00	42.25 2.73 0.00	37.44 2.22 0.00	33.55 2.05 0.00
LWR___OSWEGATCHIE_HYD 23850	30.16 -1.29 0.05	26.21 -1.20 1.10	25.74 -1.19 0.73	25.00 -1.10 0.05	24.84 -0.85 0.00	25.57 -1.15 0.55	25.73 -1.01 0.67	26.92 -1.17 1.81	27.97 -1.35 2.87	29.79 -1.62 4.55	29.73 -1.76 4.52	36.58 -1.85 0.05	31.20 -1.95 5.82	33.18 -2.09 5.62	42.28 -2.27 0.05	35.86 -2.56 11.68	38.24 -2.61 12.44	55.52 -2.56 0.00	50.19 -2.09 0.00	45.48 -1.50 0.00	42.11 -1.30 0.00	38.29 -1.23 0.00	34.02 -1.20 0.00	30.24 -1.26 0.00
LYONS_FALL_HYD 23570	31.96 0.47 0.02	28.60 0.40 0.31	27.76 0.30 0.20	26.43 0.29 0.01	25.99 0.31 0.00	27.47 0.35 0.15	27.67 0.44 0.19	29.81 0.42 0.50	31.78 0.39 0.80	35.09 0.40 1.27	35.11 0.36 1.26	38.93 0.46 0.02	37.78 0.43 1.62	39.84 0.53 1.57	45.17 0.58 0.02	47.44 0.60 3.26	50.62 0.80 3.47	59.18 1.10 0.00	53.38 1.10 0.00	48.15 1.17 0.00	44.59 1.17 0.00	40.62 1.10 0.00	35.99 0.77 0.00	32.00 0.50 0.00
MADISON___COUNTY_LFGE 323628	32.60 1.10 0.00	29.38 0.97 0.09	28.45 0.86 0.06	26.93 0.78 0.00	26.48 0.80 0.00	28.12 0.90 0.05	28.35 0.99 0.06	30.76 1.02 0.15	32.98 1.03 0.24	36.76 1.19 0.38	36.85 1.22 0.38	39.94 1.46 0.00	39.92 1.44 0.49	42.04 1.64 0.47	46.38 1.78 0.00	51.07 1.95 0.99	54.48 2.24 1.05	60.63 2.56 0.00	54.63 2.35 0.00	49.09 2.11 0.00	45.46 2.04 0.00	41.46 1.94 0.00	36.70 1.48 0.00	32.70 1.20 0.00
MALONE___115KV_TB1 356076	30.84 -0.63 0.03	27.34 -0.57 0.59	26.71 -0.55 0.39	25.63 -0.50 0.03	25.35 -0.33 0.00	26.37 -0.60 0.30	26.62 -0.44 0.36	28.47 -0.45 0.97	30.10 -0.55 1.55	32.68 -0.83 2.45	32.71 -0.86 2.43	37.53 -0.92 0.03	34.51 -1.33 3.13	36.39 -1.47 3.02	43.10 -1.47 0.03	42.26 -1.55 6.29	44.73 -1.87 6.70	56.39 -1.68 0.00	50.97 -1.31 0.00	46.51 -0.47 0.00	42.94 -0.48 0.00	38.65 -0.87 0.00	34.76 -0.46 0.00	30.90 -0.60 0.00
MAPLEWOD_115KV_TB3 80458	32.95 1.45 0.00	29.82 1.31 0.00	28.88 1.22 0.00	27.33 1.18 0.00	26.76 1.08 0.00	28.44 1.17 0.00	28.54 1.12 0.00	31.21 1.32 0.00	33.68 1.48 0.00	37.65 1.69 0.00	37.49 1.48 0.00	40.06 1.58 0.00	40.61 1.64 0.00	42.56 1.68 0.00	46.39 1.78 0.00	52.15 2.05 0.00	55.53 2.24 0.00	60.57 2.50 0.00	54.53 2.25 0.00	49.14 2.16 0.00	45.33 1.91 0.00	41.18 1.66 0.00	36.59 1.37 0.00	32.82 1.32 0.00
MAPLE_RIDGE_WT_1 323574	30.88 -0.63 0.00	27.99 -0.60 -0.08	27.16 -0.55 -0.05	25.66 -0.50 0.00	25.22 -0.46 0.00	26.73 -0.57 -0.04	26.95 -0.52 -0.05	29.46 -0.57 -0.13	31.79 -0.61 -0.21	35.53 -0.76 -0.33	35.54 -0.79 -0.33	37.64 -0.85 0.00	38.46 -0.94 -0.42	40.31 -0.98 -0.41	43.50 -1.11 0.00	49.74 -1.20 -0.84	52.91 -1.28 -0.90	56.80 -1.28 0.00	51.18 -1.10 0.00	46.13 -0.84 0.00	42.64 -0.78 0.00	38.73 -0.79 0.00	34.59 -0.63 0.00	30.87 -0.63 0.00
MAPLE_RIDGE_WT_2 323611	30.88 -0.63 0.00	27.99 -0.60 -0.08	27.16 -0.55 -0.05	25.66 -0.50 0.00	25.22 -0.46 0.00	26.73 -0.57 -0.04	26.95 -0.52 -0.05	29.46 -0.57 -0.13	31.79 -0.61 -0.21	35.53 -0.76 -0.33	35.54 -0.79 -0.33	37.64 -0.85 0.00	38.46 -0.94 -0.42	40.31 -0.98 -0.41	43.50 -1.11 0.00	49.74 -1.20 -0.84	52.91 -1.28 -0.90	56.80 -1.28 0.00	51.18 -1.10 0.00	46.13 -0.84 0.00	42.64 -0.78 0.00	38.73 -0.79 0.00	34.59 -0.63 0.00	30.87 -0.63 0.00
MARBLE_RIVER_WT_PWR 323696	31.15 -0.35 0.00	28.09 -0.31 0.10	27.26 -0.33 0.07	25.81 -0.34 0.00	25.35 -0.33 0.00	26.75 -0.46 0.05	27.03 -0.33 0.06	29.43 -0.30 0.16	31.58 -0.35 0.26	34.90 -0.65 0.41	34.99 -0.61 0.41	37.90 -0.58 0.00	37.23 -1.21 0.53	39.06 -1.31 0.51	43.31 -1.29 0.00	47.63 -1.40 1.06	50.24 -1.92 1.13	56.34 -1.74 0.00	50.97 -1.30 0.00	46.65 -0.33 0.00	42.98 -0.43 0.00	38.69 -0.83 0.00	35.01 -0.21 0.00	31.13 -0.38 0.00
MARSHVLE_115KV_TB1 80742	33.74 2.24 0.00	30.56 2.05 0.00	29.48 1.83 0.00	27.88 1.73 0.00	27.30 1.62 0.00	29.12 1.85 0.00	29.31 1.89 0.00	31.69 1.79 0.00	33.77 1.58 0.00	37.40 1.44 0.00	37.23 1.22 0.00	39.94 1.46 0.00	40.61 1.64 0.00	42.52 1.64 0.00	46.34 1.74 0.00	52.20 2.10 0.00	55.26 1.97 0.00	61.33 3.25 0.00	56.09 3.82 0.00	50.92 3.95 0.00	47.06 3.65 0.00	42.64 3.12 0.00	38.04 2.82 0.00	33.86 2.36 0.00
MARSH_HILL_WT_PWR 323713	31.82 0.32 0.00	28.76 0.26 0.00	27.80 0.14 0.00	26.18 0.03 0.00	25.71 0.03 0.00	27.49 0.22 0.00	27.86 0.44 0.00	30.13 0.24 0.00	32.20 0.00 0.00	36.28 0.32 0.00	37.13 1.12 0.00	40.14 1.65 0.00	40.53 1.56 0.00	42.56 1.68 0.00	46.88 2.27 0.00	52.65 2.55 0.00	55.75 2.45 0.00	61.04 2.96 0.00	54.79 2.51 0.00	48.72 1.74 0.00	44.98 1.56 0.00	41.34 1.82 0.00	36.70 1.48 0.00	32.67 1.17 0.00
MCINTYRE_115KV_TB2 80467	30.28 -1.13 0.09	25.66 -1.03 1.82	25.48 -0.97 1.21	25.23 -0.84 0.09	25.27 -0.41 0.00	25.44 -0.93 0.91	25.54 -0.77 1.11	25.93 -0.99 2.98	26.30 -1.16 4.74	26.95 -1.51 7.50	26.83 -1.73 7.45	36.51 -1.89 0.09	27.35 -2.03 9.60	29.41 -2.21 9.27	42.15 -2.36 0.09	28.22 -2.61 19.27	30.10 -2.66 20.52	55.46 -2.61 0.00	50.24 -2.04 0.00	45.66 -1.32 0.00	42.29 -1.13 0.00	38.29 -1.23 0.00	34.16 -1.06 0.00	30.37 -1.13 0.00
MECO_____69_KV_BK1 80468	35.50 4.00 0.00	32.13 3.62 0.00	30.92 3.26 0.00	29.24 3.09 0.00	28.56 2.88 0.00	30.51 3.24 0.00	30.93 3.51 0.00	33.75 3.86 0.00	36.16 3.96 0.00	40.09 4.14 0.00	39.86 3.85 0.00	43.06 4.58 0.00	43.88 4.91 0.00	45.63 4.74 0.00	49.82 5.22 0.00	56.41 6.31 0.00	59.85 6.56 0.00	66.56 8.48 0.00	60.33 8.05 0.00	54.68 7.70 0.00	50.23 6.82 0.00	45.41 5.89 0.00	40.25 5.04 0.00	35.82 4.32 0.00
MENANDS___115KV_TB5 355628	32.73 1.23 0.00	29.62 1.11 0.00	28.71 1.05 0.00	27.17 1.02 0.00	26.61 0.92 0.00	28.28 1.01 0.00	28.38 0.96 0.00	31.03 1.14 0.00	33.48 1.29 0.00	37.40 1.44 0.00	37.27 1.26 0.00	39.79 1.31 0.00	40.34 1.36 0.00	42.27 1.39 0.00	46.08 1.47 0.00	51.75 1.65 0.00	55.10 1.81 0.00	60.05 1.97 0.00	54.11 1.83 0.00	48.67 1.69 0.00	44.93 1.52 0.00	40.82 1.30 0.00	36.27 1.06 0.00	32.57 1.07 0.00
MG INDUSTRY___DRP 24185	32.64 1.13 0.00	29.56 1.05 0.00	28.68 1.02 0.00	27.12 0.97 0.00	26.58 0.90 0.00	28.25 0.98 0.00	28.33 0.90 0.00	30.91 1.02 0.00	33.32 1.13 0.00	37.18 1.22 0.00	37.09 1.08 0.00	39.60 1.12 0.00	39.98 1.01 0.00	41.91 1.02 0.00	45.68 1.07 0.00	51.30 1.20 0.00	54.63 1.33 0.00	59.53 1.45 0.00	53.69 1.41 0.00	48.43 1.46 0.00	44.76 1.35 0.00	40.66 1.15 0.00	36.35 1.13 0.00	32.64 1.13 0.00

MID___OSWEGATCHIE_HYD 23849	30.16 -1.29 0.05	26.21 -1.20 1.10	25.74 -1.19 0.73	25.00 -1.10 0.05	24.84 -0.85 0.00	25.57 -1.15 0.55	25.73 -1.01 0.67	26.92 -1.17 1.81	27.97 -1.35 2.87	29.79 -1.62 4.55	29.73 -1.76 4.52	36.58 -1.85 0.05	31.20 -1.95 5.82	33.18 -2.09 5.62	42.28 -2.27 0.05	35.86 -2.56 11.68	38.24 -2.61 12.44	55.52 -2.56 0.00	50.19 -2.09 0.00	45.48 -1.50 0.00	42.11 -1.30 0.00	38.29 -1.23 0.00	34.02 -1.20 0.00	30.24 -1.26 0.00
MID___RAQUETTE_HYD 23851	29.47 -1.95 0.08	25.14 -1.74 1.62	24.92 -1.66 1.08	24.56 -1.52 0.08	24.58 -1.10 0.00	24.82 -1.64 0.81	24.92 -1.51 0.99	25.53 -1.70 2.66	26.10 -1.87 4.23	26.96 -2.30 6.70	26.91 -2.45 6.66	35.71 -2.69 0.08	27.59 -2.81 8.57	29.54 -3.07 8.28	41.22 -3.30 0.08	29.23 -3.66 17.21	31.13 -3.84 18.33	54.13 -3.95 0.00	48.88 -3.40 0.00	44.39 -2.58 0.00	41.07 -2.34 0.00	37.19 -2.33 0.00	33.25 -1.97 0.00	29.58 -1.92 0.00
MILLIKEN___1 23584	32.23 0.72 0.00	29.14 0.63 0.00	28.21 0.55 0.00	26.62 0.47 0.00	26.15 0.46 0.00	27.84 0.57 0.00	28.11 0.69 0.00	30.58 0.69 0.00	32.78 0.58 0.00	36.75 0.79 0.00	36.98 0.97 0.00	39.67 1.19 0.00	40.14 1.17 0.00	42.19 1.31 0.00	46.21 1.61 0.00	51.95 1.85 0.00	55.32 2.03 0.00	60.40 2.32 0.00	54.42 2.14 0.00	48.72 1.74 0.00	45.15 1.74 0.00	41.22 1.70 0.00	36.52 1.30 0.00	32.57 1.07 0.00
MILLIKEN___2 23585	32.23 0.72 0.00	29.14 0.63 0.00	28.21 0.55 0.00	26.62 0.47 0.00	26.15 0.46 0.00	27.84 0.57 0.00	28.11 0.69 0.00	30.58 0.69 0.00	32.78 0.58 0.00	36.75 0.79 0.00	36.98 0.97 0.00	39.67 1.19 0.00	40.14 1.17 0.00	42.19 1.31 0.00	46.21 1.61 0.00	51.95 1.85 0.00	55.32 2.03 0.00	60.40 2.32 0.00	54.42 2.14 0.00	48.72 1.74 0.00	45.15 1.74 0.00	41.22 1.70 0.00	36.52 1.30 0.00	32.57 1.07 0.00
MILLIKEN___DIESEL 23629	32.23 0.72 0.00	29.14 0.63 0.00	28.21 0.55 0.00	26.62 0.47 0.00	26.15 0.46 0.00	27.84 0.57 0.00	28.11 0.69 0.00	30.58 0.69 0.00	32.78 0.58 0.00	36.75 0.79 0.00	36.98 0.97 0.00	39.67 1.19 0.00	40.14 1.17 0.00	42.19 1.31 0.00	46.21 1.61 0.00	51.95 1.85 0.00	55.32 2.03 0.00	60.40 2.32 0.00	54.42 2.14 0.00	48.72 1.74 0.00	45.15 1.74 0.00	41.22 1.70 0.00	36.52 1.30 0.00	32.57 1.07 0.00
MILLSEAT___LFGE 323607	30.94 -0.57 0.00	27.97 -0.54 0.00	26.99 -0.66 0.00	25.39 -0.76 0.00	24.99 -0.69 0.00	26.61 -0.65 0.00	27.01 -0.41 0.00	29.18 -0.72 0.00	31.16 -1.03 0.00	35.10 -0.86 0.00	36.19 0.18 0.00	39.21 0.73 0.00	39.52 0.55 0.00	41.78 0.90 0.00	46.26 1.65 0.00	51.75 1.65 0.00	54.63 1.33 0.00	59.88 1.80 0.00	53.63 1.36 0.00	47.59 0.61 0.00	43.76 0.35 0.00	40.39 0.87 0.00	35.75 0.53 0.00	31.98 0.47 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	33.87 2.36 0.00	30.59 2.08 0.00	29.57 1.91 0.00	27.91 1.75 0.00	27.33 1.64 0.00	29.18 1.91 0.00	29.28 1.86 0.00	32.14 2.24 0.00	34.84 2.64 0.00	38.94 2.98 0.00	39.04 3.02 0.00	41.56 3.08 0.00	42.28 3.31 0.00	44.28 3.39 0.00	48.08 3.48 0.00	53.86 3.76 0.00	57.13 3.84 0.00	62.03 3.95 0.00	55.73 3.45 0.00	49.99 3.01 0.00	46.19 2.78 0.00	42.13 2.61 0.00	37.51 2.29 0.00	33.64 2.14 0.00
MILLWOOD_13_KV_LOAD 356217	33.96 2.46 0.00	30.67 2.17 0.00	29.65 1.99 0.00	28.01 1.86 0.00	27.40 1.72 0.00	29.26 1.99 0.00	29.39 1.97 0.00	32.26 2.36 0.00	35.00 2.80 0.00	39.12 3.16 0.00	39.22 3.20 0.00	41.75 3.27 0.00	42.52 3.55 0.00	44.52 3.64 0.00	48.35 3.75 0.00	54.16 4.06 0.00	57.45 4.16 0.00	62.37 4.30 0.00	56.04 3.76 0.00	50.27 3.29 0.00	46.45 3.04 0.00	42.32 2.81 0.00	37.72 2.50 0.00	33.80 2.30 0.00
MODEL_CITY_ENERGY 24167	30.15 -1.35 0.00	27.28 -1.23 0.00	26.33 -1.33 0.00	24.82 -1.33 0.00	24.38 -1.31 0.00	25.99 -1.28 0.00	26.29 -1.13 0.00	28.28 -1.61 0.00	30.27 -1.93 0.00	34.09 -1.87 0.00	35.22 -0.79 0.00	38.21 -0.27 0.00	38.51 -0.47 0.00	40.68 -0.20 0.00	45.01 0.40 0.00	50.35 0.25 0.00	53.03 -0.27 0.00	58.08 0.00 0.00	51.86 -0.42 0.00	45.94 -1.03 0.00	42.29 -1.13 0.00	39.08 -0.43 0.00	34.69 -0.53 0.00	31.06 -0.44 0.00
MODERN_LFGE___ 323580	30.15 -1.35 0.00	27.28 -1.23 0.00	26.33 -1.33 0.00	24.82 -1.33 0.00	24.38 -1.31 0.00	25.99 -1.28 0.00	26.29 -1.13 0.00	28.28 -1.61 0.00	30.27 -1.93 0.00	34.09 -1.87 0.00	35.22 -0.79 0.00	38.21 -0.27 0.00	38.51 -0.47 0.00	40.68 -0.20 0.00	45.01 0.40 0.00	50.35 0.25 0.00	53.03 -0.27 0.00	58.08 0.00 0.00	51.86 -0.42 0.00	45.94 -1.03 0.00	42.29 -1.13 0.00	39.08 -0.43 0.00	34.69 -0.53 0.00	31.06 -0.44 0.00
MOHAWK_PAPER___DRP 24187	32.95 1.45 0.00	29.82 1.31 0.00	28.88 1.22 0.00	27.33 1.18 0.00	26.76 1.08 0.00	28.44 1.17 0.00	28.54 1.12 0.00	31.21 1.32 0.00	33.68 1.48 0.00	37.65 1.69 0.00	37.49 1.48 0.00	40.06 1.58 0.00	40.61 1.64 0.00	42.56 1.68 0.00	46.39 1.78 0.00	52.15 2.05 0.00	55.53 2.24 0.00	60.57 2.50 0.00	54.53 2.25 0.00	49.14 2.16 0.00	45.33 1.91 0.00	41.18 1.66 0.00	36.59 1.37 0.00	32.82 1.32 0.00
MOHICAN___35_KV_115KV_LD 80490	33.68 2.17 0.00	30.45 1.94 0.00	29.37 1.71 0.00	27.85 1.70 0.00	27.23 1.54 0.00	28.93 1.66 0.00	29.15 1.73 0.00	31.87 1.97 0.00	34.39 2.19 0.00	38.40 2.45 0.00	37.99 1.98 0.00	40.75 2.27 0.00	41.31 2.34 0.00	43.17 2.29 0.00	47.10 2.50 0.00	53.06 2.96 0.00	56.49 3.20 0.00	61.85 3.77 0.00	56.25 3.97 0.00	50.92 3.95 0.00	47.02 3.60 0.00	42.60 3.08 0.00	37.65 2.43 0.00	33.68 2.17 0.00
MONGAUP___HYD 23641	33.74 2.24 0.00	30.53 2.02 0.00	29.48 1.83 0.00	27.80 1.65 0.00	27.25 1.57 0.00	29.07 1.80 0.00	29.12 1.70 0.00	31.75 1.85 0.00	34.29 2.09 0.00	38.30 2.34 0.00	38.35 2.34 0.00	40.83 2.35 0.00	41.54 2.57 0.00	43.58 2.70 0.00	47.37 2.77 0.00	53.16 3.06 0.00	56.54 3.25 0.00	61.62 3.54 0.00	55.47 3.19 0.00	49.94 2.96 0.00	46.15 2.74 0.00	42.05 2.53 0.00	37.37 2.15 0.00	33.49 1.99 0.00
MONTAUK___DIESEL 23721	41.50 4.44 -5.55	40.52 3.85 -8.16	38.45 3.43 -7.36	35.99 3.19 -6.64	34.25 3.03 -5.54	38.33 3.46 -7.60	39.02 3.40 -8.20	40.23 4.10 -6.24	41.67 4.86 -4.61	43.25 5.61 -1.69	54.82 5.91 -12.90	132.29 6.50 -87.30	131.44 6.66 -85.80	138.99 6.62 -91.49	141.93 7.00 -90.32	147.18 7.72 -89.36	211.62 8.15 -150.17	296.91 8.60 -230.24	169.41 7.74 -109.39	142.28 6.67 -88.63	139.41 6.08 -89.91	132.33 6.13 -86.68	64.72 5.07 -24.43	40.15 4.76 -3.89
MOONROAD_115KV_HARTFLD_TB1-2 355988	31.88 0.38 0.00	28.76 0.26 0.00	27.74 0.08 0.00	26.07 -0.08 0.00	25.63 -0.05 0.00	27.46 0.19 0.00	27.91 0.49 0.00	30.19 0.30 0.00	32.36 0.16 0.00	36.64 0.68 0.00	37.81 1.80 0.00	40.79 2.31 0.00	41.15 2.18 0.00	43.62 2.74 0.00	48.00 3.39 0.00	53.81 3.71 0.00	56.60 3.30 0.00	61.85 3.77 0.00	55.26 2.98 0.00	48.86 1.88 0.00	45.02 1.61 0.00	41.85 2.33 0.00	36.91 1.69 0.00	32.86 1.35 0.00

MORTIMER_115KV_TB3 55949	31.06 -0.44 0.00	28.05 -0.46 0.00	27.08 -0.58 0.00	25.53 -0.63 0.00	25.12 -0.57 0.00	26.72 -0.55 0.00	27.06 -0.36 0.00	29.39 -0.51 0.00	31.49 -0.71 0.00	35.42 -0.54 0.00	36.19 0.18 0.00	38.94 0.46 0.00	39.32 0.35 0.00	41.50 0.61 0.00	45.68 1.07 0.00	51.20 1.10 0.00	54.25 0.96 0.00	59.30 1.22 0.00	53.17 0.89 0.00	47.45 0.47 0.00	43.72 0.30 0.00	40.19 0.67 0.00	35.64 0.42 0.00	31.82 0.32 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	34.24 2.74 0.00	30.87 2.37 0.00	29.82 2.16 0.00	28.14 1.99 0.00	27.53 1.85 0.00	29.40 2.13 0.00	29.56 2.14 0.00	32.46 2.57 0.00	35.25 3.06 0.00	39.41 3.45 0.00	39.56 3.57 0.01	42.06 3.58 0.00	42.83 3.86 0.00	44.81 3.92 0.00	48.58 3.97 0.00	54.31 4.21 0.00	57.56 4.26 0.00	62.37 4.30 0.00	56.04 3.76 0.00	50.31 3.34 0.00	46.50 3.08 0.00	42.48 2.96 0.00	37.93 2.71 0.00	34.02 2.52 0.00
MUNSVILLE_WIND_PWR 323609	34.24 2.74 0.00	31.02 2.51 0.00	29.90 2.24 0.00	28.22 2.07 0.00	27.79 2.11 0.00	29.67 2.40 0.00	30.05 2.63 0.00	32.49 2.60 0.00	34.71 2.51 0.00	38.84 2.88 0.00	38.93 2.92 0.00	41.98 3.50 0.00	42.52 3.55 0.00	44.72 3.84 0.00	49.02 4.42 0.00	55.06 4.96 0.00	58.78 5.49 0.00	64.58 6.50 0.00	58.34 6.06 0.00	52.52 5.54 0.00	48.71 5.29 0.00	44.50 4.98 0.00	39.20 3.98 0.00	34.78 3.28 0.00
N SALMON___HYD 24042	30.84 -0.63 0.03	27.34 -0.57 0.59	26.71 -0.55 0.39	25.63 -0.50 0.03	25.25 -0.44 0.00	26.37 -0.60 0.30	26.62 -0.44 0.36	28.47 -0.45 0.97	30.10 -0.55 1.55	32.69 -0.83 2.45	32.71 -0.86 2.43	37.53 -0.92 0.03	34.51 -1.33 3.13	36.39 -1.47 3.02	43.10 -1.47 0.03	42.26 -1.55 6.29	44.73 -1.87 6.70	56.34 -1.74 0.00	50.97 -1.30 0.00	46.51 -0.47 0.00	42.94 -0.48 0.00	38.65 -0.87 0.00	34.76 -0.46 0.00	30.90 -0.60 0.00
N.AKRON__115KV_KNAPP 355671	30.97 -0.54 0.00	27.94 -0.57 0.00	26.94 -0.72 0.00	25.37 -0.78 0.00	24.99 -0.69 0.00	26.64 -0.63 0.00	27.01 -0.41 0.00	29.18 -0.72 0.00	31.20 -1.00 0.00	35.10 -0.86 0.00	36.19 0.18 0.00	39.14 0.65 0.00	39.44 0.47 0.00	41.82 0.94 0.00	46.17 1.56 0.00	51.60 1.50 0.00	54.47 1.17 0.00	59.70 1.63 0.00	53.43 1.15 0.00	47.40 0.42 0.00	43.63 0.22 0.00	40.43 0.91 0.00	35.75 0.53 0.00	32.01 0.50 0.00
N.BELMOR_69_KV_BK1 55787	40.30 3.24 -5.55	39.49 2.82 -8.16	37.62 2.60 -7.36	35.20 2.41 -6.64	33.48 2.26 -5.54	37.44 2.56 -7.60	38.17 2.55 -8.20	39.15 3.02 -6.24	40.23 3.51 -4.53	40.75 3.99 -0.80	40.04 4.03 0.00	44.10 4.23 -1.39	43.37 4.40 0.00	45.22 4.33 0.00	48.98 4.37 0.00	54.71 4.61 0.00	58.04 4.74 0.00	62.95 4.88 0.00	56.51 4.23 0.00	50.74 3.76 0.00	46.98 3.56 0.00	43.15 3.64 0.00	38.39 3.17 0.00	36.51 3.06 -1.95
N.E_GEN_SANDY PD 24062	33.30 1.79 0.00	30.13 1.62 0.00	29.18 1.52 0.00	27.62 1.46 0.00	27.07 1.39 0.00	28.74 1.47 0.00	28.85 1.42 0.00	31.60 1.70 0.00	34.13 1.93 0.00	38.15 2.19 0.00	37.95 1.94 0.00	40.41 1.92 0.00	41.04 2.06 0.00	43.09 2.21 0.00	45.36 2.23 1.47	54.12 2.55 -1.47	56.17 2.88 0.00	65.30 2.96 -4.26	62.41 2.66 -7.47	49.00 2.35 0.33	47.49 2.17 -1.90	41.45 1.94 0.00	36.70 1.48 0.00	33.01 1.51 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	33.71 2.21 0.00	30.48 1.97 0.00	29.46 1.80 0.00	27.83 1.67 0.00	27.23 1.54 0.00	29.07 1.80 0.00	29.20 1.78 0.00	31.96 2.06 0.00	34.61 2.41 0.00	38.73 2.77 0.00	38.86 2.84 0.00	41.37 2.89 0.00	42.13 3.16 0.00	44.07 3.19 0.00	47.91 3.30 0.00	53.66 3.56 0.00	57.02 3.73 0.00	61.91 3.83 0.00	55.62 3.35 0.00	49.80 2.82 0.00	46.02 2.60 0.00	41.97 2.45 0.00	37.37 2.15 0.00	33.49 1.98 0.00
N.QUEENS_27_KV_LOAD 356247	34.60 3.09 -0.01	31.20 2.68 -0.01	30.12 2.46 0.00	28.38 2.22 0.00	27.66 1.98 0.00	29.53 2.26 0.00	29.61 2.19 0.00	32.55 2.66 0.00	35.42 3.22 0.00	39.58 3.63 0.01	39.80 3.78 -0.01	42.29 3.81 0.00	43.07 4.09 -0.01	45.00 4.13 0.01	48.75 4.15 0.00	54.31 4.21 0.00	57.45 4.16 0.00	62.42 4.36 0.01	55.83 3.55 0.00	50.17 3.19 0.00	46.45 3.04 0.00	42.56 3.04 0.00	38.18 2.96 -0.01	34.28 2.77 -0.01
N.TROY___115KV_TB1 355778	33.08 1.58 0.00	29.93 1.43 0.00	28.99 1.33 0.00	27.43 1.28 0.00	26.89 1.21 0.00	28.55 1.28 0.00	28.68 1.26 0.00	31.36 1.46 0.00	33.81 1.61 0.00	37.76 1.80 0.00	37.56 1.55 0.00	40.14 1.65 0.00	40.72 1.75 0.00	42.72 1.84 0.00	46.52 1.92 0.00	52.35 2.25 0.00	55.80 2.50 0.00	60.86 2.79 0.00	54.84 2.56 0.00	49.37 2.40 0.00	45.59 2.17 0.00	41.38 1.86 0.00	36.66 1.44 0.00	32.92 1.42 0.00
NARROWS_GT1_1 24228	34.60 3.09 -0.01	31.17 2.65 -0.01	30.10 2.43 -0.01	28.38 2.22 -0.01	27.77 2.08 -0.01	29.65 2.37 -0.01	29.72 2.30 0.00	32.64 2.75 0.00	35.58 3.38 0.00	42.34 3.85 -2.53	52.49 4.00 -12.49	42.48 4.00 0.00	73.27 4.33 -29.97	72.05 4.42 -26.75	69.91 4.46 -20.84	81.32 4.56 -26.66	119.78 4.69 -61.79	69.91 4.41 -7.42	73.78 3.97 -17.53	69.93 3.57 -19.38	46.86 3.39 -0.06	42.93 3.36 -0.06	42.37 3.13 -4.02	45.41 2.87 -11.04
NARROWS_GT1_2 24229	34.60 3.09 -0.01	31.17 2.65 -0.01	30.10 2.43 -0.01	28.38 2.22 -0.01	27.77 2.08 -0.01	29.65 2.37 -0.01	29.72 2.30 0.00	32.64 2.75 0.00	35.58 3.38 0.00	42.34 3.85 -2.53	52.49 4.00 -12.49	42.48 4.00 0.00	73.27 4.33 -29.97	72.05 4.42 -26.75	69.91 4.46 -20.84	81.32 4.56 -26.66	119.78 4.69 -61.79	69.91 4.41 -7.42	73.78 3.97 -17.53	69.93 3.57 -19.38	46.86 3.39 -0.06	42.93 3.36 -0.06	42.37 3.13 -4.02	45.41 2.87 -11.04
NARROWS_GT1_3 24230	34.60 3.09 -0.01	31.17 2.65 -0.01	30.10 2.43 -0.01	28.38 2.22 -0.01	27.77 2.08 -0.01	29.65 2.37 -0.01	29.72 2.30 0.00	32.64 2.75 0.00	35.58 3.38 0.00	42.34 3.85 -2.53	52.49 4.00 -12.49	42.48 4.00 0.00	73.27 4.33 -29.97	72.05 4.42 -26.75	69.91 4.46 -20.84	81.32 4.56 -26.66	119.78 4.69 -61.79	69.91 4.41 -7.42	73.78 3.97 -17.53	69.93 3.57 -19.38	46.86 3.39 -0.06	42.93 3.36 -0.06	42.37 3.13 -4.02	45.41 2.87 -11.04
NARROWS_GT1_4 24231	34.60 3.09 -0.01	31.17 2.65 -0.01	30.10 2.43 -0.01	28.38 2.22 -0.01	27.77 2.08 -0.01	29.65 2.37 -0.01	29.72 2.30 0.00	32.64 2.75 0.00	35.58 3.38 0.00	42.34 3.85 -2.53	52.49 4.00 -12.49	42.48 4.00 0.00	73.27 4.33 -29.97	72.05 4.42 -26.75	69.91 4.46 -20.84	81.32 4.56 -26.66	119.78 4.69 -61.79	69.91 4.41 -7.42	73.78 3.97 -17.53	69.93 3.57 -19.38	46.86 3.39 -0.06	42.93 3.36 -0.06	42.37 3.13 -4.02	45.41 2.87 -11.04
NARROWS_GT1_5 24232	34.60 3.09 -0.01	31.17 2.65 -0.01	30.10 2.43 -0.01	28.38 2.22 -0.01	27.77 2.08 -0.01	29.65 2.37 -0.01	29.72 2.30 0.00	32.64 2.75 0.00	35.58 3.38 0.00	42.34 3.85 -2.53	52.49 4.00 -12.49	42.48 4.00 0.00	73.27 4.33 -29.97	72.05 4.42 -26.75	69.91 4.46 -20.84	81.32 4.56 -26.66	119.78 4.69 -61.79	69.91 4.41 -7.42	73.78 3.97 -17.53	69.93 3.57 -19.38	46.86 3.39 -0.06	42.93 3.36 -0.06	42.37 3.13 -4.02	45.41 2.87 -11.04

NARROWS_GT1_6 24233	34.60 3.09 -0.01	31.17 2.65 -0.01	30.10 2.43 -0.01	28.38 2.22 -0.01	27.77 2.08 -0.01	29.65 2.37 -0.01	29.72 2.30 0.00	32.64 2.75 0.00	35.58 3.38 0.00	42.34 3.85 -2.53	52.49 4.00 -12.49	42.48 4.00 0.00	73.27 4.33 -29.97	72.05 4.42 -26.75	69.91 4.46 -20.84	81.32 4.56 -26.66	119.78 4.69 -61.79	69.91 4.41 -7.42	73.78 3.97 -17.53	69.93 3.57 -19.38	46.86 3.39 -0.06	42.93 3.36 -0.06	42.37 3.13 -4.02	45.41 2.87 -11.04
NARROWS_GT1_7 24234	34.60 3.09 -0.01	31.17 2.65 -0.01	30.10 2.43 -0.01	28.38 2.22 -0.01	27.77 2.08 -0.01	29.65 2.37 -0.01	29.72 2.30 0.00	32.64 2.75 0.00	35.58 3.38 0.00	42.34 3.85 -2.53	52.49 4.00 -12.49	42.48 4.00 0.00	73.27 4.33 -29.97	72.05 4.42 -26.75	69.91 4.46 -20.84	81.32 4.56 -26.66	119.78 4.69 -61.79	69.91 4.41 -7.42	73.78 3.97 -17.53	69.93 3.57 -19.38	46.86 3.39 -0.06	42.93 3.36 -0.06	42.37 3.13 -4.02	45.41 2.87 -11.04
NARROWS_GT1_8 24235	34.60 3.09 -0.01	31.17 2.65 -0.01	30.10 2.43 -0.01	28.38 2.22 -0.01	27.77 2.08 -0.01	29.65 2.37 -0.01	29.72 2.30 0.00	32.64 2.75 0.00	35.58 3.38 0.00	42.34 3.85 -2.53	52.49 4.00 -12.49	42.48 4.00 0.00	73.27 4.33 -29.97	72.05 4.42 -26.75	69.91 4.46 -20.84	81.32 4.56 -26.66	119.78 4.69 -61.79	69.91 4.41 -7.42	73.78 3.97 -17.53	69.93 3.57 -19.38	46.86 3.39 -0.06	42.93 3.36 -0.06	42.37 3.13 -4.02	45.41 2.87 -11.04
NARROWS_GT2_1 24236	34.60 3.09 -0.01	31.17 2.65 -0.01	30.10 2.43 -0.01	28.38 2.22 -0.01	27.77 2.08 -0.01	29.65 2.37 -0.01	29.72 2.30 0.00	32.64 2.75 0.00	35.58 3.38 0.00	42.34 3.85 -2.53	52.49 4.00 -12.49	42.48 4.00 0.00	73.27 4.33 -29.97	72.05 4.42 -26.75	69.91 4.46 -20.84	81.32 4.56 -26.66	119.78 4.69 -61.79	69.91 4.41 -7.42	73.78 3.97 -17.53	69.93 3.57 -19.38	46.86 3.39 -0.06	42.93 3.36 -0.06	42.37 3.13 -4.02	45.41 2.87 -11.04
NARROWS_GT2_2 24237	34.60 3.09 -0.01	31.17 2.65 -0.01	30.10 2.43 -0.01	28.38 2.22 -0.01	27.77 2.08 -0.01	29.65 2.37 -0.01	29.72 2.30 0.00	32.64 2.75 0.00	35.58 3.38 0.00	42.34 3.85 -2.53	52.49 4.00 -12.49	42.48 4.00 0.00	73.27 4.33 -29.97	72.05 4.42 -26.75	69.91 4.46 -20.84	81.32 4.56 -26.66	119.78 4.69 -61.79	69.91 4.41 -7.42	73.78 3.97 -17.53	69.93 3.57 -19.38	46.86 3.39 -0.06	42.93 3.36 -0.06	42.37 3.13 -4.02	45.41 2.87 -11.04
NARROWS_GT2_3 24238	34.60 3.09 -0.01	31.17 2.65 -0.01	30.10 2.43 -0.01	28.38 2.22 -0.01	27.77 2.08 -0.01	29.65 2.37 -0.01	29.72 2.30 0.00	32.64 2.75 0.00	35.58 3.38 0.00	42.34 3.85 -2.53	52.49 4.00 -12.49	42.48 4.00 0.00	73.27 4.33 -29.97	72.05 4.42 -26.75	69.91 4.46 -20.84	81.32 4.56 -26.66	119.78 4.69 -61.79	69.91 4.41 -7.42	73.78 3.97 -17.53	69.93 3.57 -19.38	46.86 3.39 -0.06	42.93 3.36 -0.06	42.37 3.13 -4.02	45.41 2.87 -11.04
NARROWS_GT2_4 24239	34.60 3.09 -0.01	31.17 2.65 -0.01	30.10 2.43 -0.01	28.38 2.22 -0.01	27.77 2.08 -0.01	29.65 2.37 -0.01	29.72 2.30 0.00	32.64 2.75 0.00	35.58 3.38 0.00	42.34 3.85 -2.53	52.49 4.00 -12.49	42.48 4.00 0.00	73.27 4.33 -29.97	72.05 4.42 -26.75	69.91 4.46 -20.84	81.32 4.56 -26.66	119.78 4.69 -61.79	69.91 4.41 -7.42	73.78 3.97 -17.53	69.93 3.57 -19.38	46.86 3.39 -0.06	42.93 3.36 -0.06	42.37 3.13 -4.02	45.41 2.87 -11.04
NARROWS_GT2_5 24240	34.60 3.09 -0.01	31.17 2.65 -0.01	30.10 2.43 -0.01	28.38 2.22 -0.01	27.77 2.08 -0.01	29.65 2.37 -0.01	29.72 2.30 0.00	32.64 2.75 0.00	35.58 3.38 0.00	42.34 3.85 -2.53	52.49 4.00 -12.49	42.48 4.00 0.00	73.27 4.33 -29.97	72.05 4.42 -26.75	69.91 4.46 -20.84	81.32 4.56 -26.66	119.78 4.69 -61.79	69.91 4.41 -7.42	73.78 3.97 -17.53	69.93 3.57 -19.38	46.86 3.39 -0.06	42.93 3.36 -0.06	42.37 3.13 -4.02	45.41 2.87 -11.04
NARROWS_GT2_6 24241	34.60 3.09 -0.01	31.17 2.65 -0.01	30.10 2.43 -0.01	28.38 2.22 -0.01	27.77 2.08 -0.01	29.65 2.37 -0.01	29.72 2.30 0.00	32.64 2.75 0.00	35.58 3.38 0.00	42.34 3.85 -2.53	52.49 4.00 -12.49	42.48 4.00 0.00	73.27 4.33 -29.97	72.05 4.42 -26.75	69.91 4.46 -20.84	81.32 4.56 -26.66	119.78 4.69 -61.79	69.91 4.41 -7.42	73.78 3.97 -17.53	69.93 3.57 -19.38	46.86 3.39 -0.06	42.93 3.36 -0.06	42.37 3.13 -4.02	45.41 2.87 -11.04
NARROWS_GT2_7 24242	34.60 3.09 -0.01	31.17 2.65 -0.01	30.10 2.43 -0.01	28.38 2.22 -0.01	27.77 2.08 -0.01	29.65 2.37 -0.01	29.72 2.30 0.00	32.64 2.75 0.00	35.58 3.38 0.00	42.34 3.85 -2.53	52.49 4.00 -12.49	42.48 4.00 0.00	73.27 4.33 -29.97	72.05 4.42 -26.75	69.91 4.46 -20.84	81.32 4.56 -26.66	119.78 4.69 -61.79	69.91 4.41 -7.42	73.78 3.97 -17.53	69.93 3.57 -19.38	46.86 3.39 -0.06	42.93 3.36 -0.06	42.37 3.13 -4.02	45.41 2.87 -11.04
NARROWS_GT2_8 24243	34.60 3.09 -0.01	31.17 2.65 -0.01	30.10 2.43 -0.01	28.38 2.22 -0.01	27.77 2.08 -0.01	29.65 2.37 -0.01	29.72 2.30 0.00	32.64 2.75 0.00	35.58 3.38 0.00	42.34 3.85 -2.53	52.49 4.00 -12.49	42.48 4.00 0.00	73.27 4.33 -29.97	72.05 4.42 -26.75	69.91 4.46 -20.84	81.32 4.56 -26.66	119.78 4.69 -61.79	69.91 4.41 -7.42	73.78 3.97 -17.53	69.93 3.57 -19.38	46.86 3.39 -0.06	42.93 3.36 -0.06	42.37 3.13 -4.02	45.41 2.87 -11.04
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	33.49 1.98 0.00	30.33 1.82 0.00	29.32 1.66 0.00	27.70 1.54 0.00	27.15 1.46 0.00	28.85 1.58 0.00	28.93 1.51 0.00	31.42 1.52 0.00	33.84 1.64 0.00	37.69 1.73 0.00	37.45 1.44 0.00	40.02 1.54 0.00	40.41 1.44 0.00	42.40 1.51 0.00	46.26 1.65 0.00	52.00 1.90 0.00	55.53 2.24 0.00	60.75 2.67 0.00	54.89 2.61 0.00	49.66 2.68 0.00	45.85 2.43 0.00	41.53 2.02 0.00	37.19 1.97 0.00	33.36 1.86 0.00
NCHELSEA_115KV_TR2 355582	34.06 2.55 0.00	30.79 2.28 0.00	29.73 2.07 0.00	28.06 1.91 0.00	27.48 1.80 0.00	29.31 2.05 0.00	29.39 1.97 0.00	32.14 2.24 0.00	34.87 2.67 0.00	38.98 3.02 0.00	39.07 3.06 0.00	41.60 3.12 0.00	42.36 3.39 0.00	44.44 3.56 0.00	48.26 3.66 0.00	54.11 4.01 0.00	57.40 4.10 0.00	62.43 4.36 0.00	56.15 3.87 0.00	50.36 3.38 0.00	46.50 3.08 0.00	42.32 2.81 0.00	37.65 2.43 0.00	33.77 2.27 0.00
NEG CAPITAL___MECHNVIL 23645	33.61 2.11 0.00	30.42 1.91 0.00	29.40 1.74 0.00	27.85 1.70 0.00	27.28 1.59 0.00	28.96 1.69 0.00	29.12 1.70 0.00	31.84 1.94 0.00	34.32 2.12 0.00	38.37 2.41 0.00	38.13 2.12 0.00	40.83 2.35 0.00	41.43 2.46 0.00	43.42 2.54 0.00	47.37 2.77 0.00	53.31 3.21 0.00	56.75 3.46 0.00	62.03 3.95 0.00	56.04 3.77 0.00	50.55 3.57 0.00	46.63 3.21 0.00	42.32 2.81 0.00	37.47 2.26 0.00	33.58 2.08 0.00
NEG CENTRAL_HIGH_ACRES 23767	30.65 -0.85 0.00	27.68 -0.83 0.00	26.77 -0.89 0.00	25.24 -0.92 0.00	24.81 -0.87 0.00	26.37 -0.90 0.00	26.71 -0.71 0.00	29.06 -0.84 0.00	31.16 -1.03 0.00	35.06 -0.90 0.00	35.69 -0.32 0.00	38.48 0.00 0.00	38.85 -0.12 0.00	40.92 0.04 0.00	45.05 0.45 0.00	50.55 0.45 0.00	53.67 0.38 0.00	58.60 0.52 0.00	52.54 0.26 0.00	46.88 -0.09 0.00	43.24 -0.17 0.00	39.60 0.08 0.00	35.11 -0.11 0.00	31.38 -0.13 0.00

NEG CENTRAL___DRP 24199	31.66 0.16 0.00	28.54 0.06 0.03	27.61 -0.03 0.02	26.07 -0.08 0.00	25.61 -0.08 0.00	27.28 0.03 0.01	27.59 0.19 0.02	30.03 0.18 0.05	32.12 0.00 0.08	36.02 0.18 0.12	36.43 0.54 0.12	39.29 0.81 0.00	39.56 0.74 0.15	41.63 0.90 0.15	45.81 1.20 0.00	51.14 1.35 0.31	54.40 1.44 0.33	59.76 1.68 0.00	53.74 1.46 0.00	47.97 0.99 0.00	44.41 1.00 0.00	40.59 1.07 0.00	35.96 0.74 0.00	32.07 0.57 0.00
NEG CENTRAL___INDECK 23768	32.20 0.69 0.00	29.05 0.54 0.00	28.05 0.39 0.00	26.41 0.26 0.00	25.99 0.31 0.00	27.70 0.43 0.00	28.08 0.66 0.00	30.25 0.36 0.00	32.13 -0.06 0.00	36.14 0.18 0.00	36.87 0.86 0.00	39.83 1.35 0.00	40.14 1.17 0.00	40.92 0.04 0.00	45.14 0.54 0.00	50.65 0.55 0.00	53.72 0.42 0.00	59.06 0.99 0.00	53.53 1.25 0.00	48.15 1.17 0.00	44.54 1.13 0.00	40.90 1.38 0.00	37.30 2.08 0.00	33.23 1.73 0.00
NEG CENTRAL___SENECA 23627	31.76 0.25 0.00	28.65 0.14 0.00	27.66 0.00 0.00	26.10 -0.05 0.00	25.66 -0.03 0.00	27.35 0.08 0.00	27.72 0.30 0.00	30.13 0.24 0.00	32.20 0.00 0.00	36.21 0.25 0.00	36.73 0.72 0.00	39.52 1.04 0.00	39.95 0.97 0.00	42.07 1.19 0.00	46.21 1.61 0.00	51.90 1.80 0.00	55.16 1.87 0.00	60.28 2.21 0.00	54.21 1.93 0.00	48.29 1.32 0.00	44.72 1.30 0.00	40.94 1.42 0.00	36.24 1.02 0.00	32.29 0.79 0.00
NEG CENTRAL___STATE_STREET 24147	31.75 0.25 0.00	28.65 0.17 0.03	27.75 0.11 0.02	26.20 0.05 0.00	25.74 0.05 0.00	27.39 0.14 0.02	27.65 0.25 0.02	30.14 0.30 0.05	32.34 0.23 0.08	36.26 0.43 0.13	36.49 0.61 0.13	39.33 0.85 0.00	39.62 0.82 0.17	41.66 0.94 0.16	45.76 1.16 0.00	51.12 1.35 0.33	54.38 1.44 0.36	59.64 1.57 0.00	53.69 1.41 0.00	47.97 0.99 0.00	44.41 1.00 0.00	40.55 1.03 0.00	35.96 0.74 0.00	32.04 0.54 0.00
NEG MILLWOOD___DRP 24198	34.18 2.68 0.00	30.90 2.39 0.00	29.82 2.16 0.00	28.17 2.01 0.00	27.56 1.87 0.00	29.42 2.15 0.00	29.56 2.14 0.00	32.41 2.51 0.00	35.25 3.06 0.00	39.38 3.42 0.00	39.50 3.49 0.00	42.06 3.58 0.00	42.87 3.90 0.00	44.97 4.09 0.00	48.89 4.28 0.00	54.81 4.71 0.00	57.98 4.69 0.00	63.07 4.99 0.00	56.67 4.39 0.00	50.83 3.85 0.00	46.98 3.56 0.00	42.72 3.20 0.00	38.00 2.78 0.00	34.05 2.55 0.00
NEG NORTH_FLCN_SEA 23793	31.69 0.19 0.01	28.55 0.17 0.13	27.68 0.11 0.09	26.25 0.10 0.01	25.79 0.10 0.00	27.15 -0.05 0.07	27.45 0.11 0.08	29.89 0.21 0.22	32.01 0.16 0.35	35.30 -0.11 0.55	35.47 0.00 0.54	38.59 0.12 0.01	37.30 -0.97 0.70	39.14 -1.06 0.68	43.66 -0.94 0.01	47.69 -1.00 1.41	49.88 -1.92 1.50	56.51 -1.57 0.00	51.23 -1.05 0.00	47.35 0.38 0.00	43.55 0.13 0.00	39.04 -0.47 0.00	35.75 0.53 0.00	31.72 0.22 0.00
NEG NORTH_KES_CHATEGAY 23792	31.05 -0.44 0.01	27.84 -0.43 0.25	27.08 -0.41 0.16	25.77 -0.37 0.01	25.38 -0.31 0.00	26.63 -0.52 0.12	26.89 -0.38 0.15	29.10 -0.39 0.40	31.07 -0.48 0.64	34.19 -0.76 1.01	34.25 -0.76 1.00	37.70 -0.77 0.01	36.39 -1.29 1.29	38.24 -1.39 1.25	43.21 -1.38 0.01	46.00 -1.50 2.60	48.61 -1.92 2.77	56.33 -1.74 0.00	51.02 -1.25 0.00	46.56 -0.42 0.00	42.94 -0.48 0.00	38.65 -0.87 0.00	34.90 -0.32 0.00	31.03 -0.47 0.00
NEG NORTH___ALICE_FALLS 23915	31.62 0.13 0.01	28.47 0.11 0.15	27.61 0.06 0.10	26.20 0.05 0.01	25.74 0.05 0.00	27.11 -0.08 0.08	27.44 0.11 0.09	29.83 0.18 0.25	31.93 0.13 0.39	35.16 -0.18 0.62	35.32 -0.07 0.62	38.47 0.00 0.01	37.28 -0.90 0.79	39.13 -0.98 0.77	43.75 -0.85 0.01	47.60 -0.90 1.60	49.99 -1.60 1.70	56.86 -1.22 0.00	51.60 -0.68 0.00	47.50 0.52 0.00	43.72 0.30 0.00	39.20 -0.32 0.00	35.68 0.46 0.00	31.69 0.19 0.00
NEG NORTH___LWR_SARANAC 23913	31.62 0.13 0.01	28.47 0.11 0.15	27.61 0.06 0.10	26.20 0.05 0.01	25.74 0.05 0.00	27.11 -0.08 0.08	27.44 0.11 0.09	29.83 0.18 0.25	31.93 0.13 0.39	35.16 -0.18 0.62	35.32 -0.07 0.62	38.47 0.00 0.01	37.28 -0.90 0.79	39.13 -0.98 0.77	43.75 -0.85 0.01	47.60 -0.90 1.60	49.99 -1.60 1.70	56.86 -1.22 0.00	51.60 -0.68 0.00	47.50 0.52 0.00	43.72 0.30 0.00	39.20 -0.32 0.00	35.68 0.46 0.00	31.69 0.19 0.00
NEG NORTH___PLATTSBURG 23628	31.62 0.13 0.01	28.47 0.11 0.15	27.61 0.06 0.10	26.17 0.03 0.01	25.68 0.00 0.00	27.11 -0.08 0.08	27.44 0.11 0.09	29.83 0.18 0.25	31.93 0.13 0.39	35.16 -0.18 0.62	35.32 -0.07 0.62	38.47 0.00 0.01	37.28 -0.89 0.79	39.13 -0.98 0.77	43.75 -0.85 0.01	47.60 -0.90 1.60	50.00 -1.60 1.70	56.85 -1.22 0.00	51.55 -0.73 0.00	47.50 0.52 0.00	43.72 0.31 0.00	39.20 -0.32 0.00	35.68 0.46 0.00	31.69 0.19 0.00
NEG WEST_LEA_LOCKPORT 23791	30.37 -1.13 0.00	27.42 -1.08 0.00	26.47 -1.19 0.00	24.92 -1.23 0.00	24.53 -1.16 0.00	26.15 -1.12 0.00	26.52 -0.90 0.00	28.52 -1.38 0.00	30.49 -1.71 0.00	34.31 -1.65 0.00	35.47 -0.54 0.00	38.37 -0.12 0.00	38.66 -0.31 0.00	40.92 0.04 0.00	45.14 0.54 0.00	50.45 0.35 0.00	53.13 -0.16 0.00	58.19 0.12 0.00	52.02 -0.26 0.00	46.09 -0.89 0.00	42.46 -0.96 0.00	39.44 -0.08 0.00	34.94 -0.28 0.00	31.28 -0.22 0.00
NEG WEST___LANCASTR 23811	30.68 -0.82 0.00	27.71 -0.80 0.00	26.72 -0.94 0.00	25.16 -0.99 0.00	24.71 -0.98 0.00	26.45 -0.82 0.00	26.82 -0.60 0.00	28.67 -1.23 0.00	30.72 -1.48 0.00	34.70 -1.26 0.00	35.79 -0.22 0.00	38.71 0.23 0.00	39.05 0.08 0.00	41.33 0.45 0.00	45.50 0.89 0.00	51.00 0.90 0.00	53.83 0.53 0.00	58.89 0.81 0.00	52.64 0.37 0.00	46.51 -0.47 0.00	42.81 -0.61 0.00	39.76 0.24 0.00	35.15 -0.07 0.00	31.60 0.09 0.00
NEG_PENN_ALLEGHNY 23528	31.94 0.44 0.00	28.88 0.37 0.00	27.96 0.30 0.00	26.41 0.26 0.00	25.91 0.23 0.00	27.62 0.35 0.00	27.86 0.44 0.00	30.28 0.39 0.00	32.52 0.32 0.00	36.50 0.54 0.00	36.87 0.86 0.00	39.56 1.08 0.00	40.06 1.09 0.00	42.11 1.23 0.00	46.12 1.52 0.00	51.85 1.75 0.00	55.05 1.76 0.00	60.05 1.98 0.00	54.00 1.72 0.00	48.20 1.22 0.00	44.54 1.13 0.00	40.70 1.18 0.00	36.13 0.91 0.00	32.23 0.73 0.00
NEG___GEN_MONROE 24207	31.31 -0.19 0.00	28.25 -0.26 0.00	27.27 -0.39 0.00	25.66 -0.50 0.00	25.30 -0.39 0.00	26.89 -0.38 0.00	27.23 -0.19 0.00	29.51 -0.39 0.00	31.55 -0.64 0.00	35.42 -0.54 0.00	36.23 0.22 0.00	38.91 0.42 0.00	39.24 0.27 0.00	41.50 0.61 0.00	45.68 1.07 0.00	51.20 1.10 0.00	54.25 0.96 0.00	59.35 1.28 0.00	53.22 0.94 0.00	47.45 0.47 0.00	43.72 0.30 0.00	40.23 0.71 0.00	35.64 0.42 0.00	31.91 0.41 0.00
NEPA___ENERGY 23901	31.09 -0.41 0.00	28.08 -0.43 0.00	27.08 -0.58 0.00	25.50 -0.65 0.00	25.07 -0.62 0.00	26.83 -0.44 0.00	27.20 -0.22 0.00	29.30 -0.60 0.00	31.39 -0.80 0.00	35.46 -0.50 0.00	36.55 0.54 0.00	39.48 1.00 0.00	39.83 0.86 0.00	42.11 1.23 0.00	46.39 1.78 0.00	52.10 2.00 0.00	55.00 1.71 0.00	60.17 2.09 0.00	53.79 1.52 0.00	47.54 0.56 0.00	43.76 0.35 0.00	40.55 1.03 0.00	35.89 0.67 0.00	31.97 0.47 0.00

NEVERSINK___HYD 23608	33.20 1.70 0.00	30.02 1.51 0.00	28.99 1.33 0.00	27.33 1.18 0.00	26.81 1.13 0.00	28.58 1.31 0.00	28.66 1.24 0.00	31.27 1.38 0.00	33.84 1.64 0.00	37.83 1.87 0.00	37.92 1.91 0.00	40.37 1.89 0.00	41.15 2.18 0.00	43.17 2.29 0.00	46.92 2.32 0.00	52.60 2.50 0.00	56.06 2.77 0.00	61.04 2.96 0.00	54.94 2.66 0.00	49.28 2.30 0.00	45.50 2.08 0.00	41.45 1.94 0.00	36.80 1.59 0.00	32.95 1.45 0.00
NEWKRMKL_115KV_TB1 55635	32.57 1.07 0.00	29.51 1.00 0.00	28.57 0.91 0.00	27.04 0.89 0.00	26.48 0.80 0.00	28.14 0.87 0.00	28.24 0.82 0.00	30.88 0.99 0.00	33.32 1.13 0.00	37.25 1.29 0.00	37.09 1.08 0.00	39.64 1.15 0.00	40.14 1.17 0.00	42.07 1.19 0.00	45.85 1.25 0.00	51.50 1.40 0.00	54.84 1.55 0.00	59.76 1.68 0.00	53.79 1.52 0.00	48.48 1.50 0.00	44.72 1.30 0.00	40.63 1.11 0.00	36.17 0.95 0.00	32.45 0.95 0.00
NEWTON___FALLS_HYD 23847	30.16 -1.29 0.05	26.21 -1.20 1.10	25.74 -1.19 0.73	25.00 -1.10 0.05	24.84 -0.85 0.00	25.57 -1.15 0.55	25.73 -1.01 0.67	26.92 -1.17 1.81	27.97 -1.35 2.87	29.79 -1.62 4.55	29.73 -1.76 4.52	36.58 -1.85 0.05	31.20 -1.95 5.82	33.18 -2.09 5.62	42.28 -2.27 0.05	35.86 -2.56 11.68	38.24 -2.61 12.44	55.52 -2.56 0.00	50.19 -2.09 0.00	45.48 -1.50 0.00	42.11 -1.30 0.00	38.29 -1.23 0.00	34.02 -1.20 0.00	30.24 -1.26 0.00
NGRID_A1_DSASP 323792	29.68 -1.83 0.00	26.88 -1.62 0.00	25.94 -1.71 0.00	24.43 -1.73 0.00	23.99 -1.70 0.00	25.58 -1.69 0.00	25.94 -1.48 0.00	27.83 -2.06 0.00	29.75 -2.45 0.00	33.58 -2.37 0.00	34.75 -1.26 0.00	37.64 -0.85 0.00	37.84 -1.13 0.00	39.94 -0.94 0.00	44.16 -0.45 0.00	49.40 -0.70 0.00	52.01 -1.28 0.00	56.92 -1.16 0.00	50.87 -1.41 0.00	45.24 -1.74 0.00	41.59 -1.82 0.00	38.49 -1.03 0.00	34.20 -1.02 0.00	30.65 -0.85 0.00
NGRID_A2_DSASP 323793	29.68 -1.83 0.00	26.88 -1.62 0.00	25.94 -1.71 0.00	24.43 -1.73 0.00	23.99 -1.70 0.00	25.58 -1.69 0.00	25.94 -1.48 0.00	27.83 -2.06 0.00	29.75 -2.45 0.00	33.58 -2.37 0.00	34.75 -1.26 0.00	37.64 -0.85 0.00	37.84 -1.13 0.00	39.94 -0.94 0.00	44.16 -0.45 0.00	49.40 -0.70 0.00	52.01 -1.28 0.00	56.92 -1.16 0.00	50.87 -1.41 0.00	45.24 -1.74 0.00	41.59 -1.82 0.00	38.49 -1.03 0.00	34.20 -1.02 0.00	30.65 -0.85 0.00
NGRID_A4_DSASP 323807	29.68 -1.83 0.00	26.88 -1.62 0.00	25.94 -1.71 0.00	24.43 -1.73 0.00	23.99 -1.70 0.00	25.58 -1.69 0.00	25.94 -1.48 0.00	27.83 -2.06 0.00	29.75 -2.45 0.00	33.58 -2.37 0.00	34.75 -1.26 0.00	37.64 -0.85 0.00	37.84 -1.13 0.00	39.94 -0.94 0.00	44.16 -0.45 0.00	49.40 -0.70 0.00	52.01 -1.28 0.00	56.92 -1.16 0.00	50.87 -1.41 0.00	45.24 -1.74 0.00	41.59 -1.82 0.00	38.49 -1.03 0.00	34.20 -1.02 0.00	30.65 -0.85 0.00
NIAGARA_115E_LBMP 323715	29.99 -1.51 0.00	27.14 -1.37 0.00	26.19 -1.47 0.00	24.71 -1.44 0.00	24.27 -1.41 0.00	25.85 -1.42 0.00	26.16 -1.26 0.00	28.13 -1.76 0.00	30.07 -2.13 0.00	33.91 -2.05 0.00	35.07 -0.94 0.00	38.02 -0.46 0.00	38.31 -0.66 0.00	40.47 -0.41 0.00	44.78 0.18 0.00	50.10 0.00 0.00	52.76 -0.53 0.00	57.73 -0.35 0.00	51.60 -0.68 0.00	45.66 -1.32 0.00	42.02 -1.39 0.00	38.88 -0.63 0.00	34.51 -0.70 0.00	30.90 -0.60 0.00
NIAGARA_115W_LBMP 323714	29.61 -1.89 0.00	26.80 -1.71 0.00	25.89 -1.77 0.00	24.37 -1.78 0.00	23.94 -1.75 0.00	25.52 -1.75 0.00	25.89 -1.53 0.00	27.74 -2.15 0.00	29.65 -2.54 0.00	33.51 -2.45 0.00	34.64 -1.37 0.00	37.52 -0.96 0.00	37.72 -1.25 0.00	39.82 -1.06 0.00	44.02 -0.58 0.00	49.25 -0.85 0.00	51.86 -1.44 0.00	56.74 -1.33 0.00	50.71 -1.57 0.00	45.10 -1.88 0.00	41.51 -1.91 0.00	38.37 -1.15 0.00	34.09 -1.13 0.00	30.56 -0.94 0.00
NIAGARA_230_LBMP 323716	30.06 -1.45 0.00	27.20 -1.31 0.00	26.28 -1.38 0.00	24.74 -1.41 0.00	24.30 -1.39 0.00	25.91 -1.36 0.00	26.29 -1.13 0.00	28.19 -1.70 0.00	30.13 -2.06 0.00	34.02 -1.94 0.00	35.15 -0.86 0.00	38.06 -0.42 0.00	38.31 -0.66 0.00	40.43 -0.45 0.00	44.65 0.04 0.00	50.00 -0.10 0.00	52.66 -0.64 0.00	57.67 -0.40 0.00	51.55 -0.73 0.00	45.81 -1.17 0.00	42.11 -1.30 0.00	38.93 -0.59 0.00	34.59 -0.63 0.00	31.00 -0.51 0.00
NIAGARA___115KV_198_GIBSON 55903	29.61 -1.89 0.00	26.77 -1.74 0.00	25.83 -1.83 0.00	24.32 -1.83 0.00	23.94 -1.75 0.00	25.52 -1.75 0.00	25.88 -1.54 0.00	27.74 -2.15 0.00	29.65 -2.54 0.00	33.51 -2.45 0.00	34.64 -1.37 0.00	37.44 -1.04 0.00	37.69 -1.29 0.00	39.82 -1.06 0.00	43.89 -0.71 0.00	49.10 -1.00 0.00	51.64 -1.65 0.00	56.57 -1.51 0.00	50.55 -1.73 0.00	44.91 -2.07 0.00	41.37 -2.04 0.00	38.45 -1.07 0.00	34.13 -1.09 0.00	30.56 -0.95 0.00
NIAGARA____ 23760	30.06 -1.45 0.00	27.20 -1.31 0.00	26.28 -1.38 0.00	24.74 -1.41 0.00	24.30 -1.39 0.00	25.91 -1.36 0.00	26.29 -1.13 0.00	28.19 -1.70 0.00	30.13 -2.06 0.00	34.02 -1.94 0.00	35.15 -0.86 0.00	38.06 -0.42 0.00	38.31 -0.66 0.00	40.43 -0.45 0.00	44.65 0.04 0.00	50.00 -0.10 0.00	52.66 -0.64 0.00	57.67 -0.40 0.00	51.55 -0.73 0.00	45.81 -1.17 0.00	42.11 -1.30 0.00	38.93 -0.59 0.00	34.59 -0.63 0.00	31.00 -0.51 0.00
NINE_MILE_1 23575	30.62 -0.88 0.00	27.68 -0.83 0.00	26.83 -0.83 0.00	25.37 -0.78 0.00	24.91 -0.77 0.00	26.45 -0.82 0.00	26.65 -0.77 0.00	29.03 -0.87 0.00	31.23 -0.97 0.00	34.95 -1.01 0.00	35.11 -0.90 0.00	37.64 -0.85 0.00	38.08 -0.89 0.00	39.98 -0.90 0.00	43.71 -0.89 0.00	49.10 -1.00 0.00	52.17 -1.12 0.00	56.85 -1.22 0.00	51.18 -1.10 0.00	45.90 -1.08 0.00	42.42 -1.00 0.00	38.65 -0.87 0.00	34.41 -0.81 0.00	30.78 -0.72 0.00
NINE_MILE_2 23744	30.62 -0.88 0.00	27.68 -0.83 0.00	26.83 -0.83 0.00	25.37 -0.78 0.00	24.91 -0.77 0.00	26.45 -0.82 0.00	26.65 -0.77 0.00	29.03 -0.87 0.00	31.23 -0.97 0.00	34.95 -1.01 0.00	35.11 -0.90 0.00	37.64 -0.85 0.00	38.08 -0.89 0.00	39.98 -0.90 0.00	43.71 -0.89 0.00	49.10 -1.00 0.00	52.17 -1.12 0.00	56.85 -1.22 0.00	51.18 -1.10 0.00	45.90 -1.08 0.00	42.42 -1.00 0.00	38.65 -0.87 0.00	34.41 -0.81 0.00	30.78 -0.72 0.00
NM_CAPITAL___DRP 24208	32.64 1.13 0.00	29.56 1.05 0.00	28.65 1.00 0.00	27.12 0.97 0.00	26.56 0.87 0.00	28.20 0.93 0.00	28.30 0.88 0.00	30.94 1.05 0.00	33.39 1.19 0.00	37.33 1.37 0.00	37.16 1.15 0.00	39.67 1.19 0.00	40.22 1.25 0.00	42.15 1.27 0.00	45.94 1.34 0.00	51.60 1.50 0.00	54.94 1.65 0.00	59.88 1.80 0.00	53.90 1.62 0.00	48.53 1.55 0.00	44.80 1.39 0.00	40.70 1.19 0.00	36.20 0.99 0.00	32.48 0.98 0.00
NM_CENTRAL___DRP 24181	31.34 -0.16 0.00	28.26 -0.20 0.05	27.38 -0.25 0.03	25.89 -0.26 0.00	25.43 -0.26 0.00	27.03 -0.22 0.02	27.23 -0.16 0.03	29.67 -0.15 0.08	31.85 -0.23 0.12	35.63 -0.14 0.19	35.86 0.04 0.19	38.63 0.15 0.00	38.84 0.12 0.24	40.85 0.20 0.24	44.92 0.31 0.00	49.96 0.35 0.49	53.15 0.37 0.52	58.48 0.41 0.00	52.54 0.26 0.00	47.07 0.09 0.00	43.55 0.13 0.00	39.72 0.20 0.00	35.29 0.07 0.00	31.56 0.06 0.00

NM_FRONTIER___DRP 24179	29.61 -1.89 0.00	26.77 -1.74 0.00	25.83 -1.83 0.00	24.32 -1.83 0.00	23.94 -1.75 0.00	25.52 -1.75 0.00	25.88 -1.54 0.00	27.74 -2.15 0.00	29.65 -2.54 0.00	33.51 -2.45 0.00	34.64 -1.37 0.00	37.44 -1.04 0.00	37.69 -1.29 0.00	39.82 -1.06 0.00	43.89 -0.71 0.00	49.10 -1.00 0.00	51.64 -1.65 0.00	56.57 -1.51 0.00	50.55 -1.73 0.00	44.91 -2.07 0.00	41.37 -2.04 0.00	38.45 -1.07 0.00	34.13 -1.09 0.00	30.56 -0.95 0.00
NM_ST_REGIS___HYD 24053	29.80 -1.64 0.07	25.61 -1.48 1.41	25.31 -1.41 0.94	24.80 -1.28 0.07	24.76 -0.92 0.00	25.15 -1.42 0.70	25.29 -1.26 0.86	26.17 -1.41 2.31	26.94 -1.58 3.68	28.19 -1.94 5.82	28.14 -2.09 5.79	36.14 -2.27 0.07	29.03 -2.49 7.45	30.99 -2.70 7.19	41.64 -2.90 0.07	31.93 -3.21 14.96	33.95 -3.41 15.94	54.65 -3.43 0.00	49.40 -2.88 0.00	44.91 -2.07 0.00	41.51 -1.91 0.00	37.50 -2.02 0.00	33.60 -1.62 0.00	29.90 -1.61 0.00
NORTHPORT___1 23551	39.93 2.87 -5.56	39.36 2.68 -8.17	37.60 2.57 -7.37	35.24 2.43 -6.65	33.57 2.34 -5.54	37.50 2.62 -7.61	38.23 2.61 -8.21	39.16 3.02 -6.25	39.69 2.96 -4.54	40.06 3.31 -0.79	35.76 3.24 3.49	35.76 3.31 6.03	35.76 3.58 6.79	36.36 3.39 7.91	39.75 3.43 8.29	44.89 3.56 8.77	50.67 3.78 6.41	63.36 3.72 -1.57	56.31 3.19 -0.84	46.92 2.72 2.78	42.13 2.47 3.76	36.36 2.85 6.01	35.76 2.43 1.89	35.76 2.43 -1.83
NORTHPORT___2 23552	39.93 2.87 -5.56	39.36 2.68 -8.17	37.60 2.57 -7.37	35.24 2.43 -6.65	33.57 2.34 -5.54	37.50 2.62 -7.61	38.23 2.61 -8.21	39.16 3.02 -6.25	39.69 2.96 -4.54	40.01 3.31 -0.74	35.76 3.24 3.49	35.76 3.31 6.03	35.14 3.58 7.41	36.36 3.39 7.91	36.45 3.43 11.59	36.46 3.56 17.20	36.46 3.78 20.61	36.53 3.72 25.27	36.51 3.19 18.95	36.50 2.72 13.20	36.50 2.47 9.39	35.11 2.85 7.26	35.76 2.43 1.89	35.76 2.43 -1.83
NORTHPORT___3 23553	39.48 2.43 -5.55	38.81 2.14 -8.16	37.08 2.05 -7.37	34.69 1.88 -6.65	33.03 1.80 -5.54	36.93 2.05 -7.61	37.66 2.03 -8.21	38.47 2.33 -6.24	39.88 3.16 -4.53	40.22 3.53 -0.73	36.48 3.10 2.63	35.94 3.50 6.04	35.41 3.86 7.42	36.35 3.39 7.92	36.40 3.39 11.59	36.40 3.51 17.21	36.40 3.73 20.62	36.40 3.60 25.28	36.40 3.08 18.96	36.40 2.63 13.21	36.40 2.39 9.40	35.41 3.24 7.35	36.15 2.22 1.29	35.67 2.30 -1.87
NORTHPORT___4 23650	39.48 2.43 -5.55	38.81 2.14 -8.16	37.08 2.05 -7.37	34.69 1.88 -6.65	33.03 1.80 -5.54	36.93 2.05 -7.61	37.66 2.03 -8.21	38.47 2.33 -6.24	39.88 3.16 -4.53	40.22 3.53 -0.73	36.48 3.10 2.63	35.94 3.50 6.04	35.41 3.86 7.42	36.35 3.39 7.92	36.40 3.39 11.59	36.40 3.51 17.21	36.40 3.73 20.62	36.40 3.60 25.28	36.40 3.08 18.96	36.40 2.63 13.21	36.40 2.39 9.40	35.41 3.24 7.35	36.15 2.22 1.29	35.67 2.30 -1.87
NORTHPORT___IC 23718	39.92 2.87 -5.55	39.35 2.68 -8.16	37.62 2.60 -7.36	35.23 2.43 -6.64	33.53 2.31 -5.54	37.49 2.62 -7.60	38.22 2.60 -8.20	39.15 3.02 -6.24	39.69 2.96 -4.53	40.00 3.31 -0.73	35.76 3.24 3.49	35.87 3.42 6.04	35.14 3.59 7.42	36.36 3.39 7.91	36.45 3.43 11.59	36.51 3.61 17.20	36.41 3.73 20.61	36.58 3.77 25.27	36.51 3.19 18.95	36.55 2.77 13.20	36.58 2.56 9.39	35.07 2.81 7.26	35.80 2.47 1.89	35.75 2.43 -1.82
NORTH___COUNTRY_ESR 323785	30.96 -0.54 0.01	27.78 -0.48 0.25	27.00 -0.50 0.16	25.67 -0.47 0.01	25.25 -0.44 0.00	26.55 -0.60 0.12	26.80 -0.47 0.15	29.01 -0.48 0.41	31.00 -0.55 0.65	34.11 -0.83 1.02	34.17 -0.83 1.02	37.62 -0.85 0.01	36.30 -1.37 1.31	38.15 -1.47 1.26	43.12 -1.47 0.01	45.87 -1.61 2.63	48.47 -2.03 2.80	56.16 -1.92 0.00	50.81 -1.46 0.00	46.37 -0.61 0.00	42.72 -0.70 0.00	38.49 -1.03 0.00	34.76 -0.46 0.00	30.94 -0.57 0.00
NPX_GEN_1385_PROXY 323591	39.52 2.46 -5.56	39.02 2.34 -8.17	37.30 2.27 -7.37	35.00 2.20 -6.65	33.41 2.18 -5.54	37.25 2.37 -7.61	37.98 2.36 -8.21	38.98 2.84 -6.25	39.37 2.64 -4.54	39.80 3.05 -0.78	35.79 3.28 3.49	35.80 3.35 6.03	35.77 3.70 6.91	36.81 3.84 7.91	38.70 4.46 10.37	45.97 4.71 8.84	49.30 5.01 9.00	59.80 5.05 3.33	55.90 4.34 0.71	44.00 3.76 6.74	42.06 3.43 4.78	36.48 3.20 6.23	35.66 2.32 1.89	35.57 2.24 -1.83
NPX_GEN_CSC 323557	40.43 3.37 -5.56	39.62 2.94 -8.17	37.71 2.68 -7.37	35.34 2.54 -6.65	33.64 2.41 -5.54	37.63 2.75 -7.61	38.34 2.72 -8.21	39.37 3.23 -6.25	40.48 3.67 -4.62	41.78 4.13 -1.69	52.95 4.07 -12.88	129.90 4.31 -87.11	129.18 4.60 -85.61	136.62 4.46 -91.28	137.84 4.60 -88.64	145.64 4.91 -90.63	208.39 5.28 -149.82	293.12 5.34 -229.71	168.12 4.65 -111.20	137.34 3.99 -86.37	136.77 3.65 -89.71	130.05 4.03 -86.50	62.90 3.31 -24.38	38.58 3.18 -3.90
NSINS_S_GLNS_FALLS 23858	33.65 2.14 0.00	30.42 1.91 0.00	29.37 1.71 0.00	27.83 1.67 0.00	27.23 1.54 0.00	28.90 1.64 0.00	29.12 1.70 0.00	31.84 1.94 0.00	34.35 2.16 0.00	38.40 2.45 0.00	37.96 1.94 0.00	40.71 2.23 0.00	41.27 2.30 0.00	43.13 2.25 0.00	47.06 2.45 0.00	53.01 2.91 0.00	56.44 3.14 0.00	61.79 3.72 0.00	56.25 3.97 0.00	50.88 3.90 0.00	47.02 3.60 0.00	42.56 3.04 0.00	37.65 2.43 0.00	33.68 2.17 0.00
NUCOR_STEEL___DRP 24197	31.72 0.22 0.00	28.65 0.17 0.03	27.75 0.11 0.02	26.20 0.05 0.00	25.74 0.05 0.00	27.39 0.14 0.02	27.62 0.22 0.02	30.08 0.24 0.05	32.27 0.16 0.08	36.15 0.32 0.13	36.42 0.54 0.13	39.21 0.73 0.00	39.50 0.70 0.17	41.54 0.82 0.16	45.63 1.03 0.00	50.96 1.20 0.34	54.21 1.28 0.36	59.47 1.39 0.00	53.53 1.25 0.00	47.87 0.89 0.00	44.37 0.96 0.00	40.51 0.99 0.00	35.92 0.70 0.00	32.07 0.57 0.00
NUMBER_THREE_WT_PWR 323818	31.48 0.00 0.02	28.00 -0.03 0.48	27.23 -0.11 0.32	26.03 -0.10 0.02	25.66 -0.03 0.00	26.97 -0.05 0.24	27.18 0.05 0.29	29.08 -0.03 0.79	30.82 -0.13 1.25	33.80 -0.18 1.98	33.75 -0.29 1.97	38.23 -0.23 0.02	36.17 -0.27 2.53	38.19 -0.24 2.45	44.27 -0.31 0.02	44.66 -0.35 5.09	47.66 -0.21 5.42	58.19 0.12 0.00	52.54 0.26 0.00	47.50 0.52 0.00	44.02 0.61 0.00	40.11 0.59 0.00	35.50 0.28 0.00	31.56 0.06 0.00
NYISO_LBMP_REFERENCE 24008	31.50 0.00 0.00	28.51 0.00 0.00	27.66 0.00 0.00	26.15 0.00 0.00	25.68 0.00 0.00	27.27 0.00 0.00	27.42 0.00 0.00	29.89 0.00 0.00	32.20 0.00 0.00	35.96 0.00 0.00	36.01 0.00 0.00	38.48 0.00 0.00	38.97 0.00 0.00	40.88 0.00 0.00	44.61 0.00 0.00	50.10 0.00 0.00	53.29 0.00 0.00	58.08 0.00 0.00	52.28 0.00 0.00	46.98 0.00 0.00	43.42 0.00 0.00	39.52 0.00 0.00	35.22 0.00 0.00	31.50 0.00 0.00
NYPA_BRENTWD____GT 24164	40.56 3.50 -5.56	39.84 3.16 -8.17	37.99 2.96 -7.37	35.57 2.77 -6.65	33.87 2.65 -5.54	37.85 2.97 -7.61	38.59 2.96 -8.21	39.61 3.47 -6.25	40.45 3.70 -4.55	41.12 4.17 -1.00	82.89 4.18 -42.70	61.91 3.96 -19.46	61.23 4.21 -18.05	64.21 4.09 -19.24	67.84 4.24 -18.99	73.35 4.46 -18.79	89.61 4.74 -31.58	111.25 4.76 -48.41	79.36 4.08 -23.00	69.14 3.53 -18.64	65.53 3.21 -18.91	61.36 3.56 -18.28	71.52 3.35 -32.96	39.07 3.25 -4.32

NYPA_GOWANUS____GT5 24156	34.60 3.09 -0.01	31.17 2.65 -0.01	30.10 2.43 -0.01	28.38 2.22 -0.01	27.77 2.08 -0.01	29.65 2.37 -0.01	29.72 2.30 0.00	32.64 2.75 0.00	35.58 3.38 0.00	42.34 3.85 -2.53	52.49 4.00 -12.49	42.48 4.00 0.00	73.23 4.29 -29.97	72.05 4.42 -26.75	69.91 4.46 -20.84	81.32 4.56 -26.66	119.78 4.69 -61.79	69.91 4.41 -7.42	73.78 3.97 -17.53	69.93 3.57 -19.38	46.86 3.39 -0.06	42.93 3.36 -0.06	42.33 3.10 -4.02	45.41 2.87 -11.04
NYPA_GOWANUS____GT6 24157	34.60 3.09 -0.01	31.17 2.65 -0.01	30.10 2.43 -0.01	28.38 2.22 -0.01	27.77 2.08 -0.01	29.65 2.37 -0.01	29.72 2.30 0.00	32.64 2.75 0.00	35.58 3.38 0.00	42.34 3.85 -2.53	52.49 4.00 -12.49	42.48 4.00 0.00	73.23 4.29 -29.97	72.05 4.42 -26.75	69.91 4.46 -20.84	81.32 4.56 -26.66	119.78 4.69 -61.79	69.91 4.41 -7.42	73.78 3.97 -17.53	69.93 3.57 -19.38	46.86 3.39 -0.06	42.93 3.36 -0.06	42.33 3.10 -4.02	45.41 2.87 -11.04
NYPA_HARLEM__RVR__GT1 24160	34.51 2.99 -0.01	31.11 2.59 -0.01	30.04 2.38 0.00	28.30 2.14 0.00	27.64 1.95 0.00	29.48 2.21 0.00	29.53 2.11 0.00	32.47 2.57 0.00	35.31 3.12 0.01	39.48 3.53 0.01	39.69 3.67 -0.01	42.13 3.66 0.01	42.91 3.93 -0.01	44.84 3.96 0.01	48.52 3.93 0.01	54.05 3.96 0.01	57.28 4.00 0.01	61.67 3.60 0.01	55.62 3.35 0.01	49.98 3.01 0.01	46.27 2.86 0.01	42.48 2.97 0.01	38.08 2.85 -0.01	34.22 2.71 -0.01
NYPA_HARLEM__RVR__GT2 24161	34.51 2.99 -0.01	31.11 2.59 -0.01	30.04 2.38 0.00	28.30 2.14 0.00	27.64 1.95 0.00	29.48 2.21 0.00	29.53 2.11 0.00	32.47 2.57 0.00	35.31 3.12 0.01	39.48 3.53 0.01	39.69 3.67 -0.01	42.13 3.66 0.01	42.91 3.93 -0.01	44.84 3.96 0.01	48.52 3.93 0.01	54.05 3.96 0.01	57.28 4.00 0.01	61.67 3.60 0.01	55.62 3.35 0.01	49.98 3.01 0.01	46.27 2.86 0.01	42.48 2.97 0.01	38.08 2.85 -0.01	34.22 2.71 -0.01
NYPA_KENT____GT 24152	34.51 2.99 -0.01	31.11 2.59 -0.01	30.01 2.35 0.00	28.33 2.17 0.00	27.69 2.00 0.00	29.59 2.32 0.00	29.67 2.25 0.00	32.61 2.72 0.00	35.51 3.32 0.00	42.16 3.77 -2.42	47.94 3.89 -8.04	42.37 3.89 0.00	62.41 4.17 -19.27	62.33 4.25 -17.20	48.92 4.28 -0.03	54.49 4.36 -0.03	57.80 4.48 -0.03	62.30 4.18 -0.04	56.12 3.81 -0.03	50.40 3.38 -0.03	46.66 3.21 -0.03	42.75 3.20 -0.03	40.55 3.03 -2.30	40.63 2.80 -6.32
NYPA_POUCH1____GT 24155	34.51 2.99 -0.01	31.11 2.59 -0.01	30.02 2.35 -0.01	28.33 2.17 -0.01	27.72 2.03 -0.01	29.62 2.35 -0.01	29.64 2.22 0.00	32.55 2.66 0.00	35.45 3.25 0.00	42.20 3.70 -2.53	52.39 3.89 -12.49	42.33 3.85 0.00	73.12 4.17 -29.97	71.92 4.29 -26.75	69.78 4.33 -20.84	81.17 4.41 -26.66	119.61 4.53 -61.79	69.74 4.24 -7.42	73.62 3.81 -17.53	69.79 3.43 -19.38	46.73 3.26 -0.06	42.85 3.28 -0.06	42.26 3.03 -4.02	45.34 2.80 -11.04
NYPA_VERNON____GT2 24162	34.44 2.93 -0.01	31.03 2.51 -0.01	29.95 2.29 0.00	28.27 2.12 0.00	27.64 1.95 0.00	29.51 2.24 0.00	29.64 2.22 0.00	32.59 2.69 0.00	35.45 3.25 0.00	41.94 3.67 -2.31	43.38 3.78 -3.59	42.29 3.81 0.00	51.63 4.09 -8.57	52.70 4.17 -7.64	48.80 4.19 -0.01	54.36 4.26 -0.01	57.62 4.31 -0.01	62.14 4.06 0.00	55.94 3.66 -0.01	50.27 3.29 -0.01	46.55 3.13 -0.01	42.65 3.12 -0.01	38.73 2.92 -0.59	35.82 2.71 -1.61
NYPA_VERNON____GT3 24163	34.44 2.93 -0.01	31.03 2.51 -0.01	29.95 2.29 0.00	28.27 2.12 0.00	27.64 1.95 0.00	29.51 2.24 0.00	29.64 2.22 0.00	32.59 2.69 0.00	35.45 3.25 0.00	41.94 3.67 -2.31	43.38 3.78 -3.59	42.29 3.81 0.00	51.63 4.09 -8.57	52.70 4.17 -7.64	48.80 4.19 -0.01	54.36 4.26 -0.01	57.62 4.31 -0.01	62.14 4.06 0.00	55.94 3.66 -0.01	50.27 3.29 -0.01	46.55 3.13 -0.01	42.65 3.12 -0.01	38.73 2.92 -0.59	35.82 2.71 -1.61
NYPA____ASTORIA_CC1 323568	34.41 2.90 -0.01	30.99 2.48 -0.01	29.93 2.27 0.00	28.25 2.09 0.00	27.61 1.93 0.00	29.48 2.21 0.00	29.59 2.17 0.00	32.53 2.63 0.00	35.38 3.19 0.00	41.55 3.63 -1.96	41.55 3.74 -1.79	42.21 3.73 0.00	47.24 4.01 -4.25	48.76 4.09 -3.79	48.71 4.10 0.00	54.21 4.11 0.00	57.50 4.21 0.00	61.96 3.89 0.01	55.78 3.50 0.00	50.13 3.15 0.00	46.45 3.04 0.00	42.56 3.04 0.00	38.08 2.85 -0.01	34.19 2.68 -0.01
NYPA____ASTORIA_CC2 323569	34.41 2.90 -0.01	30.99 2.48 -0.01	29.93 2.27 0.00	28.25 2.09 0.00	27.61 1.93 0.00	29.48 2.21 0.00	29.59 2.17 0.00	32.53 2.63 0.00	35.38 3.19 0.00	41.55 3.63 -1.96	41.55 3.74 -1.79	42.21 3.73 0.00	47.24 4.01 -4.25	48.76 4.09 -3.79	48.71 4.10 0.00	54.21 4.11 0.00	57.50 4.21 0.00	61.96 3.89 0.01	55.78 3.50 0.00	50.13 3.15 0.00	46.45 3.04 0.00	42.56 3.04 0.00	38.08 2.85 -0.01	34.19 2.68 -0.01
NYPA____HOLTSVILL 23794	40.37 3.31 -5.56	39.64 2.96 -8.17	37.77 2.74 -7.37	35.44 2.64 -6.65	33.75 2.52 -5.54	37.72 2.84 -7.61	38.45 2.82 -8.21	39.46 3.32 -6.25	40.45 3.64 -4.61	41.73 4.10 -1.68	52.77 3.96 -12.79	128.21 4.16 -85.57	127.49 4.44 -84.07	134.77 4.25 -89.64	137.47 4.37 -88.49	142.26 4.61 -87.56	205.33 4.90 -147.13	288.59 4.93 -225.58	163.75 4.29 -107.18	137.48 3.67 -86.84	134.90 3.39 -88.10	128.31 3.79 -85.00	62.43 3.17 -24.04	38.46 3.09 -3.87
NYPA____HELLGATE_GT1 24158	34.51 2.99 -0.01	31.11 2.59 -0.01	30.04 2.38 0.00	28.30 2.14 0.00	27.64 1.95 0.00	29.48 2.21 0.00	29.53 2.11 0.00	32.47 2.57 0.00	35.31 3.12 0.01	39.48 3.53 0.01	39.69 3.67 -0.01	42.09 3.62 0.01	42.88 3.90 -0.01	44.84 3.96 0.01	48.52 3.93 0.01	54.05 3.96 0.01	57.28 4.00 0.01	61.67 3.60 0.01	55.62 3.35 0.01	49.98 3.01 0.01	46.27 2.86 0.01	42.39 2.88 0.01	38.08 2.85 -0.01	34.22 2.71 -0.01
NYPA____HELLGATE_GT2 24159	34.51 2.99 -0.01	31.11 2.59 -0.01	30.04 2.38 0.00	28.30 2.14 0.00	27.64 1.95 0.00	29.48 2.21 0.00	29.53 2.11 0.00	32.47 2.57 0.00	35.31 3.12 0.01	39.48 3.53 0.01	39.69 3.67 -0.01	42.09 3.62 0.01	42.88 3.90 -0.01	44.84 3.96 0.01	48.52 3.93 0.01	54.05 3.96 0.01	57.28 4.00 0.01	61.67 3.60 0.01	55.62 3.35 0.01	49.98 3.01 0.01	46.27 2.86 0.01	42.39 2.88 0.01	38.08 2.85 -0.01	34.22 2.71 -0.01
NYS_BARGE__HYD 23848	30.43 -1.07 0.00	27.51 -1.00 0.00	26.55 -1.11 0.00	25.00 -1.15 0.00	24.58 -1.10 0.00	26.20 -1.06 0.00	26.54 -0.88 0.00	28.58 -1.31 0.00	30.56 -1.64 0.00	34.41 -1.55 0.00	35.58 -0.43 0.00	38.56 0.08 0.00	38.85 -0.12 0.00	41.09 0.21 0.00	45.45 0.85 0.00	50.85 0.75 0.00	53.56 0.27 0.00	58.66 0.58 0.00	52.43 0.16 0.00	46.46 -0.52 0.00	42.72 -0.70 0.00	39.52 0.00 0.00	35.04 -0.18 0.00	31.38 -0.13 0.00
OAK_ORCHARD__HYD 24046	31.06 -0.44 0.00	28.05 -0.46 0.00	27.11 -0.55 0.00	25.55 -0.60 0.00	25.12 -0.57 0.00	26.72 -0.55 0.00	27.06 -0.36 0.00	29.39 -0.51 0.00	31.49 -0.71 0.00	35.42 -0.54 0.00	36.19 0.18 0.00	39.06 0.58 0.00	39.44 0.47 0.00	41.54 0.65 0.00	45.76 1.16 0.00	51.30 1.20 0.00	54.36 1.07 0.00	59.41 1.34 0.00	53.27 0.99 0.00	47.54 0.57 0.00	43.81 0.39 0.00	40.15 0.63 0.00	35.64 0.42 0.00	31.82 0.31 0.00

OAKDALE___35_KV_LOAD 356122	31.82 0.32 0.00	28.76 0.26 0.00	27.85 0.19 0.00	26.31 0.16 0.00	25.81 0.13 0.00	27.54 0.27 0.00	27.72 0.30 0.00	30.13 0.24 0.00	32.39 0.19 0.00	36.32 0.36 0.00	36.66 0.65 0.00	39.33 0.85 0.00	39.83 0.86 0.00	41.86 0.98 0.00	45.81 1.20 0.00	51.45 1.35 0.00	54.68 1.39 0.00	59.64 1.57 0.00	53.58 1.31 0.00	47.87 0.89 0.00	44.24 0.82 0.00	40.47 0.95 0.00	35.92 0.70 0.00	32.07 0.57 0.00
OCC_CHEM___DRP 24175	29.68 -1.83 0.00	26.85 -1.65 0.00	25.92 -1.74 0.00	24.40 -1.75 0.00	23.99 -1.70 0.00	25.58 -1.69 0.00	25.94 -1.48 0.00	27.83 -2.06 0.00	29.75 -2.45 0.00	33.59 -2.37 0.00	34.75 -1.26 0.00	37.56 -0.92 0.00	37.76 -1.21 0.00	39.94 -0.94 0.00	44.03 -0.58 0.00	49.25 -0.85 0.00	51.80 -1.49 0.00	56.74 -1.34 0.00	50.66 -1.62 0.00	45.05 -1.93 0.00	41.51 -1.91 0.00	38.53 -0.99 0.00	34.20 -1.02 0.00	30.62 -0.88 0.00
OH_GEN_PROXY 24063	30.09 -1.42 0.00	27.23 -1.28 0.00	26.30 -1.35 0.00	24.77 -1.39 0.00	24.32 -1.36 0.00	25.93 -1.34 0.00	26.29 -1.13 0.00	28.25 -1.64 0.00	30.20 -2.00 0.00	34.09 -1.87 0.00	35.18 -0.83 0.00	38.10 -0.38 0.00	38.35 -0.63 0.00	40.47 -0.41 0.00	43.27 0.13 1.47	51.57 0.00 -1.47	52.76 -0.53 0.00	57.79 -0.29 0.00	53.71 -0.62 -2.05	43.85 -1.08 2.05	42.20 -1.22 0.00	39.00 -0.51 0.00	34.65 -0.56 0.00	31.00 -0.51 0.00
OLIN_CORP_DRP 24177	30.02 -1.48 0.00	27.14 -1.37 0.00	26.19 -1.47 0.00	24.69 -1.46 0.00	24.30 -1.39 0.00	25.91 -1.36 0.00	26.21 -1.21 0.00	28.16 -1.73 0.00	30.10 -2.09 0.00	33.98 -1.98 0.00	35.11 -0.90 0.00	37.98 -0.50 0.00	38.27 -0.70 0.00	40.52 -0.37 0.00	44.69 0.09 0.00	50.00 -0.10 0.00	52.60 -0.69 0.00	57.61 -0.46 0.00	51.44 -0.84 0.00	45.57 -1.41 0.00	41.98 -1.43 0.00	38.97 -0.55 0.00	34.58 -0.63 0.00	30.97 -0.54 0.00
OLIN_CORP_DSASP 323712	29.68 -1.83 0.00	26.88 -1.62 0.00	25.94 -1.71 0.00	24.43 -1.73 0.00	23.99 -1.70 0.00	25.58 -1.69 0.00	25.94 -1.48 0.00	27.83 -2.06 0.00	29.75 -2.45 0.00	33.58 -2.37 0.00	34.75 -1.26 0.00	37.64 -0.85 0.00	37.84 -1.13 0.00	39.94 -0.94 0.00	44.16 -0.45 0.00	49.40 -0.70 0.00	52.01 -1.28 0.00	56.92 -1.16 0.00	50.87 -1.41 0.00	45.24 -1.74 0.00	41.59 -1.82 0.00	38.49 -1.03 0.00	34.20 -1.02 0.00	30.65 -0.85 0.00
ONEIDA_HERK_LFGE 323681	32.16 0.66 0.01	28.89 0.60 0.22	28.01 0.50 0.15	26.59 0.44 0.01	26.17 0.49 0.00	27.70 0.55 0.11	27.89 0.60 0.14	30.13 0.60 0.36	32.23 0.61 0.57	35.73 0.68 0.91	35.75 0.65 0.90	39.24 0.77 0.01	38.59 0.78 1.17	40.62 0.86 1.13	45.53 0.94 0.01	48.76 1.00 2.34	52.03 1.23 2.49	59.58 1.51 0.00	53.74 1.46 0.00	48.39 1.41 0.00	44.80 1.39 0.00	40.82 1.30 0.00	36.17 0.95 0.00	32.23 0.73 0.00
ONEIDA___115KV_TB4 55905	32.60 1.10 0.00	29.38 0.97 0.09	28.45 0.86 0.06	26.93 0.78 0.00	26.48 0.80 0.00	28.12 0.90 0.05	28.35 0.99 0.06	30.76 1.02 0.15	32.98 1.03 0.24	36.76 1.19 0.38	36.85 1.22 0.38	39.94 1.46 0.00	39.92 1.44 0.49	42.04 1.64 0.47	46.38 1.78 0.00	51.07 1.95 0.99	54.48 2.24 1.05	60.63 2.56 0.00	54.63 2.35 0.00	49.09 2.11 0.00	45.46 2.04 0.00	41.46 1.94 0.00	36.70 1.48 0.00	32.70 1.20 0.00
ONONDAGA_REF_OCCRA 23987	31.31 -0.19 0.00	28.27 -0.20 0.04	27.38 -0.25 0.03	25.89 -0.26 0.00	25.40 -0.28 0.00	27.00 -0.25 0.02	27.20 -0.19 0.03	29.65 -0.18 0.07	31.86 -0.23 0.11	35.65 -0.14 0.17	35.88 0.04 0.17	38.63 0.15 0.00	38.87 0.12 0.22	40.88 0.20 0.21	44.92 0.31 0.00	50.07 0.40 0.43	53.20 0.37 0.46	58.48 0.41 0.00	52.59 0.31 0.00	47.07 0.09 0.00	43.55 0.13 0.00	39.72 0.20 0.00	35.29 0.07 0.00	31.53 0.03 0.00
ONONDAGA___COGEN 23986	31.50 0.00 0.00	28.44 -0.03 0.04	27.55 -0.08 0.03	26.05 -0.10 0.00	25.56 -0.13 0.00	27.17 -0.08 0.02	27.40 0.00 0.02	29.83 0.00 0.06	32.03 -0.06 0.10	35.87 0.07 0.16	36.07 0.22 0.16	38.86 0.38 0.00	39.12 0.35 0.20	41.10 0.41 0.19	45.18 0.58 0.00	50.35 0.65 0.40	53.56 0.69 0.43	58.83 0.75 0.00	52.90 0.63 0.00	47.35 0.38 0.00	43.85 0.43 0.00	39.99 0.47 0.00	35.54 0.32 0.00	31.75 0.25 0.00
ONTARIO___LFGE 23819	31.75 0.25 0.00	28.65 0.14 0.00	27.69 0.03 0.00	26.13 -0.03 0.00	25.66 -0.03 0.00	27.35 0.08 0.00	27.72 0.30 0.00	30.13 0.24 0.00	32.20 0.00 0.00	36.21 0.25 0.00	36.73 0.72 0.00	39.60 1.12 0.00	39.98 1.01 0.00	42.07 1.19 0.00	46.26 1.65 0.00	51.95 1.85 0.00	55.21 1.92 0.00	60.40 2.33 0.00	54.31 2.04 0.00	48.44 1.46 0.00	44.76 1.35 0.00	40.90 1.38 0.00	36.24 1.02 0.00	32.29 0.79 0.00
ORANGEVILLE_WT_PWR 323706	30.97 -0.54 0.00	28.00 -0.51 0.00	27.05 -0.61 0.00	25.47 -0.68 0.00	25.04 -0.64 0.00	26.72 -0.55 0.00	27.09 -0.33 0.00	29.21 -0.69 0.00	31.26 -0.93 0.00	35.28 -0.68 0.00	36.26 0.25 0.00	39.25 0.77 0.00	39.56 0.59 0.00	41.70 0.82 0.00	46.07 1.47 0.00	51.65 1.55 0.00	54.52 1.23 0.00	59.64 1.57 0.00	53.38 1.10 0.00	47.40 0.42 0.00	43.63 0.22 0.00	40.19 0.67 0.00	35.68 0.46 0.00	31.88 0.38 0.00
ORANGEVILLE___ESR 323794	30.97 -0.54 0.00	28.00 -0.51 0.00	27.05 -0.61 0.00	25.47 -0.68 0.00	25.04 -0.64 0.00	26.72 -0.55 0.00	27.09 -0.33 0.00	29.21 -0.69 0.00	31.26 -0.93 0.00	35.28 -0.68 0.00	36.26 0.25 0.00	39.25 0.77 0.00	39.56 0.59 0.00	41.70 0.82 0.00	46.07 1.47 0.00	51.65 1.55 0.00	54.52 1.23 0.00	59.64 1.57 0.00	53.38 1.10 0.00	47.40 0.42 0.00	43.63 0.22 0.00	40.19 0.67 0.00	35.68 0.46 0.00	31.88 0.38 0.00
OSWEGATCHIE___HYD 24044	30.16 -1.29 0.05	26.21 -1.20 1.10	25.74 -1.19 0.73	25.00 -1.10 0.05	24.73 -0.95 0.00	25.57 -1.14 0.55	25.73 -1.01 0.67	26.92 -1.17 1.81	27.97 -1.35 2.87	29.79 -1.62 4.55	29.73 -1.76 4.52	36.58 -1.85 0.05	31.21 -1.95 5.82	33.18 -2.08 5.62	42.28 -2.27 0.05	35.86 -2.55 11.68	38.24 -2.61 12.44	55.52 -2.55 0.00	50.13 -2.15 0.00	45.47 -1.51 0.00	42.11 -1.30 0.00	38.29 -1.23 0.00	34.02 -1.20 0.00	30.24 -1.26 0.00
OSWEGO___5 23606	30.84 -0.66 0.00	27.91 -0.60 0.00	27.05 -0.61 0.00	25.55 -0.60 0.00	25.09 -0.59 0.00	26.67 -0.60 0.00	26.84 -0.58 0.00	29.26 -0.63 0.00	31.49 -0.71 0.00	35.24 -0.72 0.00	35.40 -0.61 0.00	37.94 -0.54 0.00	38.39 -0.58 0.00	40.31 -0.57 0.00	44.07 -0.53 0.00	49.50 -0.60 0.00	52.60 -0.69 0.00	57.38 -0.69 0.00	51.60 -0.68 0.00	46.28 -0.70 0.00	42.77 -0.65 0.00	39.00 -0.51 0.00	34.69 -0.53 0.00	31.03 -0.47 0.00
OSWEGO___6 23613	30.84 -0.66 0.00	27.91 -0.60 0.00	27.05 -0.61 0.00	25.55 -0.60 0.00	25.09 -0.59 0.00	26.67 -0.60 0.00	26.84 -0.58 0.00	29.26 -0.63 0.00	31.49 -0.71 0.00	35.24 -0.72 0.00	35.40 -0.61 0.00	37.94 -0.54 0.00	38.39 -0.58 0.00	40.31 -0.57 0.00	44.07 -0.53 0.00	49.50 -0.60 0.00	52.60 -0.69 0.00	57.38 -0.69 0.00	51.60 -0.68 0.00	46.28 -0.70 0.00	42.77 -0.65 0.00	39.00 -0.51 0.00	34.69 -0.53 0.00	31.03 -0.47 0.00

OUTOKUMPU-AB___DRP 24206	30.62 -0.88 0.00	27.65 -0.86 0.00	26.66 -1.00 0.00	25.08 -1.07 0.00	24.68 -1.00 0.00	26.34 -0.93 0.00	26.71 -0.71 0.00	28.76 -1.14 0.00	30.78 -1.42 0.00	34.74 -1.22 0.00	35.90 -0.11 0.00	38.87 0.38 0.00	39.09 0.12 0.00	41.41 0.53 0.00	45.68 1.07 0.00	51.10 1.00 0.00	53.77 0.48 0.00	58.83 0.75 0.00	52.54 0.26 0.00	46.60 -0.38 0.00	42.89 -0.52 0.00	39.83 0.32 0.00	35.29 0.07 0.00	31.56 0.06 0.00
OXBOW___BTM 323836	30.21 -1.29 0.00	27.34 -1.17 0.00	26.39 -1.27 0.00	24.82 -1.33 0.00	24.40 -1.28 0.00	26.01 -1.25 0.00	26.38 -1.04 0.00	28.34 -1.56 0.00	30.33 -1.87 0.00	34.27 -1.69 0.00	35.40 -0.61 0.00	38.41 -0.08 0.00	38.51 -0.47 0.00	40.68 -0.20 0.00	45.01 0.40 0.00	50.35 0.25 0.00	52.98 -0.32 0.00	58.02 -0.06 0.00	51.81 -0.47 0.00	45.99 -0.99 0.00	42.29 -1.13 0.00	39.12 -0.40 0.00	34.73 -0.49 0.00	31.06 -0.44 0.00
OXBOW___ 24026	30.21 -1.29 0.00	27.31 -1.20 0.00	26.33 -1.33 0.00	24.79 -1.36 0.00	24.37 -1.31 0.00	26.01 -1.25 0.00	26.38 -1.04 0.00	28.34 -1.55 0.00	30.33 -1.87 0.00	34.27 -1.69 0.00	35.40 -0.61 0.00	38.33 -0.15 0.00	38.43 -0.55 0.00	40.68 -0.20 0.00	44.87 0.27 0.00	50.15 0.05 0.00	52.81 -0.48 0.00	57.79 -0.29 0.00	51.60 -0.68 0.00	45.80 -1.17 0.00	42.16 -1.26 0.00	39.16 -0.36 0.00	34.73 -0.49 0.00	31.06 -0.44 0.00
OXY_CHEM_DSASP 323612	29.68 -1.83 0.00	26.85 -1.65 0.00	25.92 -1.74 0.00	24.40 -1.75 0.00	23.99 -1.70 0.00	25.58 -1.69 0.00	25.94 -1.48 0.00	27.83 -2.06 0.00	29.75 -2.45 0.00	33.59 -2.37 0.00	34.75 -1.26 0.00	37.56 -0.92 0.00	37.76 -1.21 0.00	39.94 -0.94 0.00	44.03 -0.58 0.00	49.25 -0.85 0.00	51.80 -1.49 0.00	56.74 -1.34 0.00	50.66 -1.62 0.00	45.05 -1.93 0.00	41.51 -1.91 0.00	38.53 -0.99 0.00	34.20 -1.02 0.00	30.62 -0.88 0.00
OZONE_PARK_ESR 323760	34.62 3.12 0.00	31.19 2.68 0.00	30.12 2.46 0.00	28.43 2.28 0.00	27.76 2.08 0.00	29.70 2.43 0.00	29.83 2.41 0.00	32.82 2.93 0.00	35.64 3.44 0.00	39.88 3.92 0.00	40.06 4.03 -0.02	42.60 4.12 0.00	43.41 4.44 0.00	45.42 4.54 0.00	49.24 4.64 0.00	55.01 4.91 0.00	58.30 5.01 0.00	63.13 5.05 0.00	56.72 4.44 0.00	50.88 3.90 0.00	47.06 3.65 0.00	42.96 3.44 0.00	38.39 3.17 0.00	34.43 2.93 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	29.68 -1.83 0.00	26.85 -1.65 0.00	25.92 -1.74 0.00	24.40 -1.75 0.00	23.99 -1.70 0.00	25.58 -1.69 0.00	25.94 -1.48 0.00	27.83 -2.06 0.00	29.75 -2.45 0.00	33.59 -2.37 0.00	34.75 -1.26 0.00	37.56 -0.92 0.00	37.76 -1.21 0.00	39.94 -0.94 0.00	44.03 -0.58 0.00	49.25 -0.85 0.00	51.80 -1.49 0.00	56.74 -1.34 0.00	50.66 -1.62 0.00	45.05 -1.93 0.00	41.51 -1.91 0.00	38.53 -0.99 0.00	34.20 -1.02 0.00	30.62 -0.88 0.00
PACKARD___115KV_DUPONT_184 80571	29.68 -1.83 0.00	26.85 -1.65 0.00	25.92 -1.74 0.00	24.40 -1.75 0.00	23.99 -1.70 0.00	25.58 -1.69 0.00	25.94 -1.48 0.00	27.83 -2.06 0.00	29.75 -2.45 0.00	33.59 -2.37 0.00	34.75 -1.26 0.00	37.56 -0.92 0.00	37.76 -1.21 0.00	39.94 -0.94 0.00	44.03 -0.58 0.00	49.25 -0.85 0.00	51.80 -1.49 0.00	56.74 -1.34 0.00	50.66 -1.62 0.00	45.05 -1.93 0.00	41.51 -1.91 0.00	38.53 -0.99 0.00	34.20 -1.02 0.00	30.62 -0.88 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	34.47 2.96 -0.01	31.08 2.57 -0.01	30.01 2.35 0.00	28.27 2.12 0.00	27.58 1.90 0.00	29.45 2.18 0.00	29.50 2.08 0.00	32.41 2.51 0.00	35.25 3.06 0.00	39.44 3.49 0.01	39.62 3.60 -0.01	42.14 3.66 0.00	42.88 3.90 -0.01	44.84 3.97 0.01	48.53 3.93 0.00	54.11 4.01 0.00	57.18 3.89 0.00	62.13 4.07 0.01	55.62 3.35 0.00	50.03 3.05 0.00	46.32 2.91 0.00	42.44 2.92 0.00	38.04 2.82 -0.01	34.19 2.68 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	34.88 3.37 -0.01	31.45 2.94 -0.01	30.37 2.71 0.00	28.61 2.46 0.00	27.89 2.21 0.00	29.75 2.48 0.00	29.75 2.33 0.00	32.67 2.78 0.00	35.51 3.32 0.00	39.73 3.78 0.01	39.87 3.85 -0.01	42.41 3.93 0.00	43.15 4.17 -0.01	45.13 4.25 0.01	48.89 4.28 0.00	54.46 4.36 0.00	57.61 4.32 0.00	62.60 4.53 0.01	55.99 3.71 0.00	50.36 3.38 0.00	46.67 3.26 0.00	42.76 3.24 0.00	38.36 3.13 -0.01	34.44 2.93 -0.01
PATROON___115KV_TB1 80586	32.70 1.20 0.00	29.59 1.08 0.00	28.68 1.02 0.00	27.15 0.99 0.00	26.58 0.90 0.00	28.22 0.95 0.00	28.35 0.93 0.00	31.00 1.11 0.00	33.45 1.26 0.00	37.40 1.44 0.00	37.23 1.22 0.00	39.79 1.31 0.00	40.34 1.36 0.00	42.23 1.35 0.00	46.03 1.43 0.00	51.75 1.65 0.00	55.05 1.76 0.00	60.05 1.97 0.00	54.06 1.78 0.00	48.67 1.69 0.00	44.93 1.52 0.00	40.78 1.26 0.00	36.31 1.09 0.00	32.57 1.07 0.00
PATTRSNVILLE___SOLAR 323815	33.11 1.61 0.00	29.99 1.48 0.00	29.04 1.38 0.00	27.46 1.31 0.00	26.92 1.23 0.00	28.60 1.34 0.00	28.76 1.34 0.00	31.36 1.46 0.00	33.71 1.51 0.00	37.61 1.66 0.00	37.52 1.51 0.00	40.10 1.62 0.00	40.68 1.71 0.00	42.64 1.76 0.00	46.52 1.92 0.00	52.30 2.20 0.00	55.64 2.34 0.00	60.86 2.79 0.00	55.05 2.77 0.00	49.61 2.63 0.00	45.85 2.43 0.00	41.65 2.13 0.00	36.98 1.76 0.00	33.08 1.57 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	30.84 -0.66 0.00	27.85 -0.66 0.00	26.86 -0.80 0.00	25.26 -0.89 0.00	24.84 -0.85 0.00	26.56 -0.71 0.00	26.95 -0.47 0.00	28.91 -0.99 0.00	30.97 -1.22 0.00	35.02 -0.93 0.00	36.15 0.14 0.00	39.10 0.62 0.00	39.44 0.47 0.00	41.78 0.90 0.00	46.03 1.43 0.00	51.60 1.50 0.00	54.41 1.12 0.00	59.47 1.39 0.00	53.17 0.89 0.00	46.98 0.00 0.00	43.24 -0.17 0.00	40.15 0.63 0.00	35.50 0.28 0.00	31.82 0.32 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	34.18 2.68 0.00	30.90 2.39 0.00	29.82 2.16 0.00	28.17 2.01 0.00	27.56 1.87 0.00	29.42 2.15 0.00	29.56 2.14 0.00	32.41 2.51 0.00	35.25 3.06 0.00	39.38 3.42 0.00	39.50 3.49 0.00	42.06 3.58 0.00	42.87 3.90 0.00	44.97 4.09 0.00	48.89 4.28 0.00	54.81 4.71 0.00	57.98 4.69 0.00	63.07 4.99 0.00	56.67 4.39 0.00	50.83 3.85 0.00	46.98 3.56 0.00	42.72 3.20 0.00	38.00 2.78 0.00	34.05 2.55 0.00
PEEKSKILL___ 23653	33.80 2.30 0.00	30.53 2.02 0.00	29.51 1.85 0.00	27.88 1.73 0.00	27.30 1.62 0.00	29.15 1.88 0.00	29.26 1.84 0.00	32.08 2.18 0.00	34.77 2.58 0.00	38.91 2.95 0.00	39.00 2.99 0.00	41.49 3.00 0.00	42.25 3.27 0.00	44.24 3.35 0.00	48.04 3.43 0.00	53.76 3.66 0.00	57.18 3.89 0.00	61.91 3.83 0.00	55.67 3.40 0.00	49.89 2.91 0.00	46.11 2.69 0.00	42.09 2.57 0.00	37.51 2.29 0.00	33.61 2.11 0.00
PGE MADISON___WINDPWR 24146	34.24 2.74 0.00	31.02 2.51 0.00	29.90 2.24 0.00	28.22 2.07 0.00	27.79 2.11 0.00	29.67 2.40 0.00	30.05 2.63 0.00	32.49 2.60 0.00	34.71 2.51 0.00	38.84 2.88 0.00	38.93 2.92 0.00	41.98 3.50 0.00	42.52 3.55 0.00	44.72 3.84 0.00	49.02 4.42 0.00	55.06 4.96 0.00	58.78 5.49 0.00	64.58 6.50 0.00	58.34 6.06 0.00	52.52 5.54 0.00	48.71 5.29 0.00	44.50 4.98 0.00	39.20 3.98 0.00	34.78 3.28 0.00

PIERCEFIELD___HYD 23852	29.47 -1.95 0.08	25.14 -1.74 1.62	24.92 -1.66 1.08	24.56 -1.52 0.08	24.58 -1.10 0.00	24.82 -1.64 0.81	24.92 -1.51 0.99	25.53 -1.70 2.66	26.10 -1.87 4.23	26.96 -2.30 6.70	26.91 -2.45 6.66	35.71 -2.69 0.08	27.59 -2.81 8.57	29.54 -3.07 8.28	41.22 -3.30 0.08	29.23 -3.66 17.21	31.13 -3.84 18.33	54.13 -3.95 0.00	48.88 -3.40 0.00	44.39 -2.58 0.00	41.07 -2.34 0.00	37.19 -2.33 0.00	33.25 -1.97 0.00	29.58 -1.92 0.00
PINELAWN_CC_1 323563	40.06 2.99 -5.56	39.33 2.65 -8.17	37.47 2.43 -7.37	35.08 2.27 -6.65	33.39 2.16 -5.54	37.33 2.46 -7.61	38.07 2.44 -8.21	39.04 2.90 -6.25	40.02 3.29 -4.54	40.53 3.70 -0.87	45.89 3.60 -6.28	49.32 3.69 -7.14	48.54 3.82 -5.75	50.68 3.68 -6.12	54.43 3.79 -6.04	60.03 3.96 -5.98	67.54 4.21 -10.04	77.66 4.18 -15.40	63.20 3.60 -7.32	56.01 3.10 -5.93	52.25 2.82 -6.01	48.53 3.20 -5.82	43.47 2.85 -5.40	36.94 3.09 -2.35
PJM_GEN_HTTP_PROXY 323702	34.18 2.68 0.00	30.82 2.31 0.00	29.76 2.10 0.00	28.12 1.96 0.00	27.51 1.82 0.00	29.37 2.10 0.00	29.53 2.11 0.00	32.43 2.54 0.00	35.22 3.03 0.00	39.38 3.42 0.00	39.56 3.53 -0.02	42.02 3.54 0.00	42.79 3.82 0.00	44.77 3.89 0.00	47.06 3.93 1.47	55.73 4.16 -1.47	57.61 4.31 0.00	62.26 4.18 0.00	57.99 3.66 -2.05	48.12 3.20 2.05	46.41 2.99 0.00	42.40 2.88 0.00	37.82 2.61 0.00	33.96 2.46 0.00
PJM_GEN_KEystone 24065	32.13 0.63 0.00	29.05 0.54 0.00	26.60 0.39 1.45	25.40 0.31 1.07	25.59 0.28 0.38	27.73 0.46 0.00	27.94 0.52 0.00	30.37 0.48 0.00	32.74 0.55 0.00	36.75 0.79 0.00	37.27 1.26 0.00	39.87 1.42 0.03	40.36 1.48 0.09	42.34 1.59 0.14	44.60 1.87 1.88	52.83 2.05 -0.68	54.30 2.02 1.01	58.89 2.15 1.33	55.14 1.72 -1.14	45.45 1.13 2.65	44.00 0.95 0.37	40.57 1.15 0.10	36.17 0.95 0.00	32.35 0.85 0.00
PJM_GEN_NEPTUNE_PROXY 323594	37.30 2.80 -2.99	35.35 2.45 -4.39	33.89 2.27 -3.96	31.85 2.12 -3.58	30.67 2.00 -2.98	33.65 2.29 -4.09	34.08 2.25 -4.41	35.91 2.66 -3.36	37.73 3.09 -2.44	39.92 3.53 -0.44	39.50 3.49 0.00	42.85 3.62 -0.75	42.84 3.86 -0.01	44.64 3.76 0.00	46.97 3.84 1.47	55.58 4.01 -1.47	57.56 4.27 0.00	62.26 4.18 0.00	57.94 3.77 -2.05	48.07 3.15 2.05	46.28 2.86 0.00	42.68 3.16 0.00	37.86 2.64 0.00	35.14 2.58 -1.05
PJM_GEN_VFT_PROXY 323633	34.09 2.58 0.00	30.73 2.23 0.00	29.65 1.99 0.00	27.98 1.83 0.00	27.38 1.69 0.00	29.23 1.96 0.00	29.40 1.98 0.00	32.35 2.45 0.00	35.13 2.93 0.00	39.27 3.31 0.00	39.41 3.38 -0.02	41.30 3.31 0.49	41.30 3.62 1.30	42.56 3.64 1.96	40.97 3.66 7.29	44.02 3.81 9.89	42.75 3.94 14.48	42.81 3.77 19.04	44.65 3.35 10.97	39.22 2.87 10.62	40.85 2.69 5.26	40.80 2.65 1.36	37.72 2.50 0.00	33.87 2.36 0.00
PLATSBURG_115KV_PMLD1 355749	31.65 0.16 0.01	28.52 0.14 0.13	27.65 0.08 0.09	26.22 0.08 0.01	25.76 0.08 0.00	27.12 -0.08 0.07	27.42 0.08 0.08	29.86 0.18 0.22	31.98 0.13 0.34	35.27 -0.14 0.55	35.43 -0.04 0.54	38.55 0.08 0.01	37.34 -0.94 0.70	39.19 -1.02 0.67	43.71 -0.89 0.01	47.74 -0.95 1.40	50.04 -1.76 1.49	56.68 -1.39 0.00	51.39 -0.89 0.00	47.40 0.42 0.00	43.59 0.17 0.00	39.12 -0.40 0.00	35.71 0.49 0.00	31.69 0.19 0.00
PLEASANTVLY___LBMP 24000	33.58 2.08 0.00	30.36 1.85 0.00	29.37 1.71 0.00	27.75 1.60 0.00	27.17 1.49 0.00	28.96 1.69 0.00	29.07 1.65 0.00	31.87 1.97 0.00	34.48 2.29 0.00	38.55 2.59 0.00	38.57 2.56 0.00	41.06 2.58 0.00	41.74 2.77 0.00	43.74 2.86 0.00	47.55 2.94 0.00	53.31 3.21 0.00	56.60 3.30 0.00	61.50 3.43 0.00	55.26 2.98 0.00	49.61 2.63 0.00	45.85 2.43 0.00	41.77 2.25 0.00	37.16 1.94 0.00	33.33 1.83 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	33.96 2.46 0.00	30.67 2.17 0.00	29.65 1.99 0.00	27.98 1.83 0.00	27.38 1.70 0.00	29.26 1.99 0.00	29.37 1.95 0.00	32.23 2.33 0.00	34.97 2.77 0.00	39.09 3.13 0.00	39.22 3.20 0.00	41.71 3.23 0.00	42.48 3.51 0.00	44.44 3.56 0.00	48.31 3.70 0.00	54.06 3.96 0.00	57.40 4.10 0.00	62.26 4.18 0.00	55.94 3.66 0.00	50.22 3.24 0.00	46.37 2.95 0.00	42.29 2.77 0.00	37.65 2.43 0.00	33.77 2.27 0.00
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	33.96 2.46 0.00	30.67 2.17 0.00	29.65 1.99 0.00	27.98 1.83 0.00	27.38 1.70 0.00	29.26 1.99 0.00	29.37 1.95 0.00	32.23 2.33 0.00	34.97 2.77 0.00	39.09 3.13 0.00	39.22 3.20 0.00	41.71 3.23 0.00	42.48 3.51 0.00	44.44 3.56 0.00	48.31 3.70 0.00	54.06 3.96 0.00	57.40 4.10 0.00	62.26 4.18 0.00	55.94 3.66 0.00	50.22 3.24 0.00	46.37 2.95 0.00	42.29 2.77 0.00	37.65 2.43 0.00	33.77 2.27 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	33.90 2.39 0.00	30.65 2.14 0.00	29.62 1.96 0.00	27.96 1.80 0.00	27.38 1.70 0.00	29.20 1.94 0.00	29.28 1.86 0.00	32.05 2.15 0.00	34.71 2.51 0.00	38.80 2.84 0.00	38.86 2.84 0.00	41.37 2.89 0.00	42.09 3.12 0.00	44.11 3.23 0.00	47.95 3.35 0.00	53.76 3.66 0.00	57.13 3.84 0.00	62.14 4.07 0.00	55.83 3.55 0.00	50.13 3.15 0.00	46.28 2.87 0.00	42.17 2.65 0.00	37.47 2.25 0.00	33.61 2.11 0.00
POLETTI_____ 23519	34.18 2.68 0.00	30.82 2.31 0.00	29.76 2.10 0.00	28.09 1.94 0.00	27.46 1.77 0.00	29.34 2.07 0.00	29.50 2.08 0.01	32.43 2.54 0.01	35.21 3.03 0.02	39.36 3.42 0.02	39.54 3.53 0.00	42.01 3.54 0.02	42.79 3.82 0.00	44.75 3.88 0.02	48.51 3.93 0.02	54.19 4.11 0.02	57.43 4.16 0.02	62.24 4.18 0.02	55.87 3.61 0.02	50.16 3.19 0.02	46.35 2.95 0.02	42.35 2.85 0.02	37.82 2.61 0.00	33.96 2.46 0.00
POMONA___ESR 323819	33.71 2.20 0.00	30.47 1.97 0.00	29.46 1.80 0.00	27.83 1.68 0.00	27.25 1.57 0.00	29.07 1.80 0.00	29.20 1.78 0.00	31.96 2.06 0.00	34.61 2.42 0.00	38.73 2.77 0.00	38.85 2.84 0.00	41.33 2.85 0.00	42.09 3.12 0.00	44.07 3.19 0.00	47.91 3.30 0.00	53.66 3.56 0.00	57.08 3.78 0.00	61.85 3.77 0.00	55.57 3.30 0.00	49.75 2.77 0.00	45.98 2.56 0.00	41.97 2.45 0.00	37.37 2.15 0.00	33.49 1.99 0.00
PORT_JEFF_3 23555	40.43 3.37 -5.56	39.67 2.99 -8.17	37.80 2.77 -7.37	35.44 2.64 -6.65	33.75 2.52 -5.54	37.72 2.84 -7.61	38.42 2.80 -8.21	39.46 3.32 -6.25	40.48 3.67 -4.62	41.77 4.10 -1.71	52.46 3.78 -12.67	131.64 3.96 -89.19	130.91 4.25 -87.69	138.34 3.96 -93.49	140.96 4.06 -92.30	145.58 4.16 -91.32	211.18 4.42 -153.46	297.72 4.36 -235.28	167.84 3.77 -111.79	140.84 3.29 -90.57	138.34 3.04 -91.89	131.64 3.56 -88.56	62.82 2.99 -24.61	38.38 2.96 -3.92
PORT_JEFF_4 23616	40.43 3.37 -5.56	39.67 2.99 -8.17	37.80 2.77 -7.37	35.44 2.64 -6.65	33.75 2.52 -5.54	37.72 2.84 -7.61	38.42 2.80 -8.21	39.46 3.32 -6.25	40.48 3.67 -4.62	41.77 4.10 -1.71	52.46 3.78 -12.67	131.64 3.96 -89.19	130.91 4.25 -87.69	138.34 3.96 -93.49	140.96 4.06 -92.30	145.58 4.16 -91.32	211.18 4.42 -153.46	297.72 4.36 -235.28	167.84 3.77 -111.79	140.84 3.29 -90.57	138.34 3.04 -91.89	131.64 3.56 -88.56	62.82 2.99 -24.61	38.38 2.96 -3.92

PORT_JEFF_IC 23713	40.49 3.43 -5.55	39.72 3.05 -8.16	37.84 2.82 -7.36	35.46 2.67 -6.64	33.74 2.52 -5.54	37.73 2.86 -7.60	38.47 2.85 -8.20	39.51 3.38 -6.24	40.58 3.77 -4.62	42.01 4.21 -1.84	51.53 3.78 -11.74	145.21 4.12 -102.61	144.39 4.33 -101.09	152.68 4.01 -107.79	155.12 4.10 -106.41	159.70 4.31 -105.29	234.70 4.48 -176.93	333.99 4.65 -271.27	185.14 3.97 -128.89	154.83 3.43 -104.43	152.57 3.21 -105.94	144.88 3.56 -101.81	64.66 3.06 -26.38	38.66 3.09 -4.07
PPL PILGRIM_ST_GT1 24216	40.56 3.50 -5.56	39.84 3.16 -8.17	37.99 2.96 -7.37	35.57 2.77 -6.65	33.87 2.65 -5.54	37.85 2.97 -7.61	38.59 2.96 -8.21	39.61 3.47 -6.25	40.45 3.70 -4.55	41.12 4.17 -1.00	82.89 4.18 -42.70	61.91 3.96 -19.46	61.23 4.21 -18.05	64.21 4.09 -19.24	67.84 4.24 -18.99	73.35 4.46 -18.79	89.61 4.74 -31.58	111.25 4.76 -48.41	79.36 4.08 -23.00	69.14 3.53 -18.64	65.53 3.21 -18.91	61.36 3.56 -18.28	71.52 3.35 -32.96	39.07 3.25 -4.32
PPL PILGRIM_ST_GT2 24217	40.56 3.50 -5.56	39.84 3.16 -8.17	37.99 2.96 -7.37	35.57 2.77 -6.65	33.87 2.65 -5.54	37.85 2.97 -7.61	38.59 2.96 -8.21	39.61 3.47 -6.25	40.45 3.70 -4.55	41.12 4.17 -1.00	82.89 4.18 -42.70	61.91 3.96 -19.46	61.23 4.21 -18.05	64.21 4.09 -19.24	67.84 4.24 -18.99	73.35 4.46 -18.79	89.61 4.74 -31.58	111.25 4.76 -48.41	79.36 4.08 -23.00	69.14 3.53 -18.64	65.53 3.21 -18.91	61.36 3.56 -18.28	71.52 3.35 -32.96	39.07 3.25 -4.32
PPL_SHRM_GT3 24213	40.47 3.40 -5.56	39.67 2.99 -8.17	37.74 2.71 -7.37	35.39 2.59 -6.65	33.69 2.47 -5.54	37.66 2.78 -7.61	38.37 2.74 -8.21	39.43 3.29 -6.25	40.52 3.70 -4.62	41.82 4.13 -1.73	52.81 4.10 -12.70	133.93 4.39 -91.06	133.16 4.64 -89.55	140.90 4.54 -95.48	143.55 4.68 -94.26	148.33 4.96 -93.27	215.40 5.38 -156.73	303.82 5.46 -240.29	171.20 4.76 -114.17	143.56 4.09 -92.50	140.99 3.73 -93.84	134.00 4.11 -90.38	63.53 3.35 -24.97	38.70 3.25 -3.95
PPL_SHRM_GT4 24214	40.47 3.40 -5.56	39.67 2.99 -8.17	37.74 2.71 -7.37	35.39 2.59 -6.65	33.69 2.47 -5.54	37.66 2.78 -7.61	38.37 2.74 -8.21	39.43 3.29 -6.25	40.52 3.70 -4.62	41.82 4.13 -1.73	52.81 4.10 -12.70	133.93 4.39 -91.06	133.16 4.64 -89.55	140.90 4.54 -95.48	143.55 4.68 -94.26	148.33 4.96 -93.27	215.40 5.38 -156.73	303.82 5.46 -240.29	171.20 4.76 -114.17	143.56 4.09 -92.50	140.99 3.73 -93.84	134.00 4.11 -90.38	63.53 3.35 -24.97	38.70 3.25 -3.95
PROJECT___ORANGE 1 24174	31.34 -0.16 0.00	28.29 -0.17 0.05	27.41 -0.22 0.03	25.92 -0.24 0.00	25.43 -0.26 0.00	27.03 -0.22 0.02	27.26 -0.14 0.03	29.67 -0.15 0.07	31.89 -0.19 0.12	35.63 -0.14 0.19	35.86 0.04 0.18	38.67 0.19 0.00	38.89 0.16 0.24	40.90 0.25 0.23	44.96 0.36 0.00	50.02 0.40 0.48	53.21 0.43 0.51	58.48 0.41 0.00	52.59 0.31 0.00	47.07 0.09 0.00	43.55 0.13 0.00	39.76 0.24 0.00	35.29 0.07 0.00	31.56 0.06 0.00
PROJECT___ORANGE 2 24166	31.34 -0.16 0.00	28.29 -0.17 0.05	27.41 -0.22 0.03	25.92 -0.24 0.00	25.43 -0.26 0.00	27.03 -0.22 0.02	27.26 -0.14 0.03	29.67 -0.15 0.07	31.89 -0.19 0.12	35.63 -0.14 0.19	35.86 0.04 0.18	38.67 0.19 0.00	38.89 0.16 0.24	40.90 0.25 0.23	44.96 0.36 0.00	50.02 0.40 0.48	53.21 0.43 0.51	58.48 0.41 0.00	52.59 0.31 0.00	47.07 0.09 0.00	43.55 0.13 0.00	39.76 0.24 0.00	35.29 0.07 0.00	31.56 0.06 0.00
PUCKETT___SOLAR 323809	32.42 0.91 0.00	29.31 0.80 0.00	28.38 0.72 0.00	26.78 0.63 0.00	26.30 0.62 0.00	28.06 0.79 0.00	28.30 0.88 0.00	30.67 0.78 0.00	32.87 0.68 0.00	36.82 0.86 0.00	37.09 1.08 0.00	39.83 1.35 0.00	40.30 1.33 0.00	42.35 1.47 0.00	46.39 1.79 0.00	52.15 2.05 0.00	55.48 2.19 0.00	60.69 2.62 0.00	54.68 2.41 0.00	49.00 2.02 0.00	45.32 1.91 0.00	41.42 1.90 0.00	36.70 1.48 0.00	32.70 1.20 0.00
PYRITES___HYD 24023	30.10 -1.32 0.09	25.59 -1.20 1.72	25.38 -1.13 1.14	25.08 -0.99 0.08	25.12 -0.57 0.00	25.35 -1.06 0.86	25.46 -0.90 1.05	25.97 -1.11 2.82	26.43 -1.29 4.48	27.21 -1.65 7.10	27.09 -1.87 7.05	36.40 -2.00 0.09	27.75 -2.14 9.08	29.78 -2.33 8.77	42.02 -2.50 0.09	29.06 -2.81 18.23	31.00 -2.88 19.42	55.17 -2.90 0.00	49.98 -2.30 0.00	45.43 -1.55 0.00	42.07 -1.35 0.00	38.06 -1.46 0.00	33.99 -1.23 0.00	30.18 -1.32 0.00
QUAKERRD_115KV_BK1 80622	30.50 -1.01 0.00	27.54 -0.97 0.00	26.61 -1.05 0.00	25.08 -1.07 0.00	24.68 -1.00 0.00	26.23 -1.04 0.00	26.57 -0.85 0.00	28.88 -1.02 0.00	30.97 -1.22 0.00	34.84 -1.11 0.00	35.43 -0.58 0.00	38.14 -0.35 0.00	38.54 -0.43 0.00	40.64 -0.25 0.00	44.65 0.04 0.00	50.10 0.00 0.00	53.13 -0.16 0.00	58.08 0.00 0.00	52.07 -0.21 0.00	46.51 -0.47 0.00	42.89 -0.52 0.00	39.36 -0.16 0.00	34.90 -0.32 0.00	31.16 -0.35 0.00
QUENSBRY_115KV_TB8 356137	33.65 2.14 0.00	30.42 1.91 0.00	29.35 1.69 0.00	27.80 1.65 0.00	27.20 1.52 0.00	28.88 1.61 0.00	29.09 1.67 0.00	31.84 1.94 0.00	34.35 2.16 0.00	38.40 2.45 0.00	37.96 1.94 0.00	40.71 2.23 0.00	41.27 2.30 0.00	43.09 2.21 0.00	47.01 2.41 0.00	53.01 2.91 0.00	56.38 3.09 0.00	61.85 3.77 0.00	56.30 4.03 0.00	50.97 3.99 0.00	47.06 3.65 0.00	42.60 3.08 0.00	37.65 2.43 0.00	33.68 2.17 0.00
RAMAPO___LBMP 323565	33.58 2.08 0.00	30.36 1.85 0.00	29.35 1.69 0.00	27.72 1.57 0.00	27.12 1.44 0.00	28.96 1.69 0.00	29.09 1.67 0.00	31.87 1.97 0.00	34.51 2.32 0.00	38.58 2.63 0.00	38.71 2.70 0.00	41.21 2.73 0.00	41.93 2.96 0.00	43.87 2.98 0.00	47.68 3.08 0.00	53.46 3.36 0.00	56.76 3.46 0.00	61.62 3.54 0.00	55.36 3.08 0.00	49.61 2.63 0.00	45.85 2.43 0.00	41.81 2.29 0.00	37.23 2.01 0.00	33.36 1.86 0.00
RANKINE____ 23646	30.87 -0.63 0.00	27.88 -0.63 0.00	26.88 -0.77 0.00	25.32 -0.84 0.00	24.89 -0.80 0.00	26.59 -0.68 0.00	26.95 -0.47 0.00	29.00 -0.90 0.00	31.04 -1.16 0.00	35.10 -0.86 0.00	36.23 0.22 0.00	39.17 0.69 0.00	39.52 0.55 0.00	41.82 0.94 0.00	46.12 1.52 0.00	51.65 1.55 0.00	54.36 1.07 0.00	59.47 1.39 0.00	53.11 0.84 0.00	47.07 0.09 0.00	43.33 -0.09 0.00	40.23 0.71 0.00	35.61 0.39 0.00	31.88 0.38 0.00
RAVENSWOOD_GT2_1 24244	34.24 2.74 0.00	30.87 2.37 0.00	29.84 2.19 0.00	28.17 2.01 0.00	27.53 1.85 0.00	29.42 2.15 0.00	29.56 2.14 0.00	32.46 2.57 0.00	35.29 3.09 0.00	39.45 3.49 0.00	39.63 3.60 -0.02	42.10 3.62 0.00	42.87 3.90 0.00	44.85 3.97 0.00	48.62 4.01 0.00	54.31 4.21 0.00	57.56 4.26 0.00	62.37 4.30 0.00	55.99 3.71 0.00	50.27 3.29 0.00	46.50 3.08 0.00	42.48 2.96 0.00	37.93 2.71 0.00	34.02 2.52 0.00
RAVENSWOOD_GT2_2 24245	34.24 2.74 0.00	30.87 2.37 0.00	29.84 2.19 0.00	28.17 2.01 0.00	27.53 1.85 0.00	29.42 2.15 0.00	29.56 2.14 0.00	32.46 2.57 0.00	35.29 3.09 0.00	39.45 3.49 0.00	39.63 3.60 -0.02	42.10 3.62 0.00	42.87 3.90 0.00	44.85 3.97 0.00	48.62 4.01 0.00	54.31 4.21 0.00	57.56 4.26 0.00	62.37 4.30 0.00	55.99 3.71 0.00	50.27 3.29 0.00	46.50 3.08 0.00	42.48 2.96 0.00	37.93 2.71 0.00	34.02 2.52 0.00

RAVENSWOOD_GT2_3 24246	34.28 2.77 0.00	30.90 2.39 0.00	29.84 2.19 0.00	28.17 2.01 0.00	27.53 1.85 0.00	29.42 2.15 0.00	29.59 2.17 0.00	32.49 2.60 0.00	35.29 3.09 0.00	39.48 3.52 0.00	39.63 3.60 -0.02	42.14 3.66 0.00	42.91 3.94 0.00	44.89 4.01 0.00	48.66 4.06 0.00	54.36 4.26 0.00	57.61 4.32 0.00	62.37 4.30 0.00	56.04 3.76 0.00	50.31 3.34 0.00	46.54 3.13 0.00	42.52 3.00 0.00	37.97 2.75 0.00	34.05 2.55 0.00
RAVENSWOOD_GT2_4 24247	34.28 2.77 0.00	30.90 2.39 0.00	29.84 2.19 0.00	28.17 2.01 0.00	27.53 1.85 0.00	29.42 2.15 0.00	29.59 2.17 0.00	32.49 2.60 0.00	35.29 3.09 0.00	39.48 3.52 0.00	39.63 3.60 -0.02	42.14 3.66 0.00	42.91 3.94 0.00	44.89 4.01 0.00	48.66 4.06 0.00	54.36 4.26 0.00	57.61 4.32 0.00	62.37 4.30 0.00	56.04 3.76 0.00	50.31 3.34 0.00	46.54 3.13 0.00	42.52 3.00 0.00	37.97 2.75 0.00	34.05 2.55 0.00
RAVENSWOOD_GT3_1 24248	34.24 2.74 0.00	30.87 2.37 0.00	29.84 2.19 0.00	28.17 2.01 0.00	27.53 1.85 0.00	29.42 2.15 0.00	29.56 2.14 0.00	32.49 2.60 0.00	35.29 3.09 0.00	39.45 3.49 0.00	39.63 3.60 -0.02	42.10 3.62 0.00	42.87 3.90 0.00	44.85 3.97 0.00	48.62 4.01 0.00	54.31 4.21 0.00	57.56 4.26 0.00	62.37 4.30 0.00	56.04 3.76 0.00	50.27 3.29 0.00	46.50 3.08 0.00	42.48 2.96 0.00	37.93 2.71 0.00	34.05 2.55 0.00
RAVENSWOOD_GT3_2 24249	34.24 2.74 0.00	30.87 2.37 0.00	29.84 2.19 0.00	28.17 2.01 0.00	27.53 1.85 0.00	29.42 2.15 0.00	29.56 2.14 0.00	32.49 2.60 0.00	35.29 3.09 0.00	39.45 3.49 0.00	39.63 3.60 -0.02	42.10 3.62 0.00	42.87 3.90 0.00	44.85 3.97 0.00	48.62 4.01 0.00	54.31 4.21 0.00	57.56 4.26 0.00	62.37 4.30 0.00	56.04 3.76 0.00	50.27 3.29 0.00	46.50 3.08 0.00	42.48 2.96 0.00	37.93 2.71 0.00	34.05 2.55 0.00
RAVENSWOOD_GT3_3 24250	34.31 2.80 0.00	30.93 2.42 0.00	29.90 2.24 0.00	28.19 2.04 0.00	27.56 1.87 0.00	29.45 2.18 0.00	29.61 2.19 0.00	32.52 2.63 0.00	35.35 3.16 0.00	39.52 3.56 0.00	39.70 3.67 -0.02	42.21 3.73 0.00	42.99 4.01 0.00	44.93 4.05 0.00	48.71 4.10 0.00	54.46 4.36 0.00	57.66 4.37 0.00	62.49 4.41 0.00	56.15 3.87 0.00	50.36 3.38 0.00	46.58 3.17 0.00	42.56 3.04 0.00	38.00 2.78 0.00	34.08 2.58 0.00
RAVENSWOOD_GT3_4 24251	34.31 2.80 0.00	30.93 2.42 0.00	29.90 2.24 0.00	28.19 2.04 0.00	27.56 1.87 0.00	29.45 2.18 0.00	29.61 2.19 0.00	32.52 2.63 0.00	35.35 3.16 0.00	39.52 3.56 0.00	39.70 3.67 -0.02	42.21 3.73 0.00	42.99 4.01 0.00	44.93 4.05 0.00	48.71 4.10 0.00	54.46 4.36 0.00	57.66 4.37 0.00	62.49 4.41 0.00	56.15 3.87 0.00	50.36 3.38 0.00	46.58 3.17 0.00	42.56 3.04 0.00	38.00 2.78 0.00	34.08 2.58 0.00
RAVENSWOOD_GT_1 23729	34.44 2.93 -0.01	31.05 2.54 -0.01	29.96 2.30 0.00	28.27 2.12 0.00	27.61 1.93 0.00	29.51 2.24 0.00	29.64 2.22 0.00	32.58 2.69 0.00	35.45 3.25 0.00	41.94 3.67 -2.31	43.38 3.78 -3.59	42.33 3.85 0.00	51.63 4.09 -8.57	52.70 4.17 -7.64	48.81 4.19 -0.01	54.42 4.31 -0.01	57.56 4.26 -0.01	62.38 4.30 0.00	55.95 3.66 -0.01	50.28 3.29 -0.01	46.55 3.13 -0.01	42.65 3.12 -0.01	38.73 2.92 -0.59	35.82 2.71 -1.61
RAVENSWOOD_GT_10 24258	34.24 2.74 0.00	30.87 2.37 0.00	29.84 2.19 0.00	28.17 2.01 0.00	27.53 1.85 0.00	29.42 2.15 0.00	29.56 2.14 0.00	32.49 2.60 0.00	35.29 3.09 0.00	39.25 3.49 0.20	39.45 3.60 0.16	42.10 3.62 0.00	42.44 3.90 0.43	44.47 3.97 0.38	48.62 4.01 0.00	54.31 4.21 0.00	57.56 4.26 0.00	62.37 4.30 0.00	56.04 3.76 0.00	50.27 3.29 0.00	46.50 3.08 0.00	42.48 2.96 0.00	37.93 2.71 0.00	34.02 2.52 0.00
RAVENSWOOD_GT_11 24259	34.24 2.74 0.00	30.87 2.37 0.00	29.84 2.19 0.00	28.17 2.01 0.00	27.53 1.85 0.00	29.42 2.15 0.00	29.56 2.14 0.00	32.49 2.60 0.00	35.29 3.09 0.00	39.25 3.49 0.20	39.45 3.60 0.16	42.10 3.62 0.00	42.44 3.90 0.43	44.47 3.97 0.38	48.62 4.01 0.00	54.31 4.21 0.00	57.56 4.26 0.00	62.37 4.30 0.00	56.04 3.76 0.00	50.27 3.29 0.00	46.50 3.08 0.00	42.48 2.96 0.00	37.93 2.71 0.00	34.02 2.52 0.00
RAVENSWOOD_GT_4 24252	34.24 2.74 0.01	30.87 2.37 0.01	29.82 2.16 0.00	28.14 1.99 0.00	27.51 1.82 0.00	29.40 2.13 0.00	29.56 2.14 0.00	32.46 2.57 0.00	35.25 3.06 0.00	38.20 3.49 1.24	39.59 3.57 -0.01	42.10 3.62 0.00	42.87 3.90 -0.01	44.81 3.92 -0.01	48.58 3.97 -0.01	54.36 4.26 -0.01	57.62 4.32 -0.01	62.38 4.30 0.00	56.10 3.82 -0.01	50.32 3.34 -0.01	46.50 3.08 -0.01	42.45 2.92 -0.01	38.33 2.68 -0.44	35.23 2.52 -1.21
RAVENSWOOD_GT_5 24254	34.24 2.74 0.01	30.87 2.37 0.01	29.82 2.16 0.00	28.14 1.99 0.00	27.51 1.82 0.00	29.40 2.13 0.00	29.56 2.14 0.00	32.46 2.57 0.00	35.25 3.06 0.00	38.20 3.49 1.24	39.59 3.57 -0.01	42.10 3.62 0.00	42.87 3.90 -0.01	44.81 3.92 -0.01	48.58 3.97 -0.01	54.36 4.26 -0.01	57.62 4.32 -0.01	62.38 4.30 0.00	56.10 3.82 -0.01	50.32 3.34 -0.01	46.50 3.08 -0.01	42.45 2.92 -0.01	38.33 2.68 -0.44	35.23 2.52 -1.21
RAVENSWOOD_GT_6 24253	34.24 2.74 0.01	30.87 2.37 0.01	29.82 2.16 0.00	28.14 1.99 0.00	27.51 1.82 0.00	29.40 2.13 0.00	29.56 2.14 0.00	32.46 2.57 0.00	35.25 3.06 0.00	38.20 3.49 1.24	39.59 3.57 -0.01	42.10 3.62 0.00	42.87 3.90 -0.01	44.81 3.92 -0.01	48.58 3.97 -0.01	54.36 4.26 -0.01	57.62 4.32 -0.01	62.38 4.30 0.00	56.10 3.82 -0.01	50.32 3.34 -0.01	46.50 3.08 -0.01	42.45 2.92 -0.01	38.33 2.68 -0.44	35.23 2.52 -1.21
RAVENSWOOD_GT_7 24255	34.24 2.74 0.01	30.87 2.37 0.01	29.82 2.16 0.00	28.14 1.99 0.00	27.51 1.82 0.00	29.40 2.13 0.00	29.56 2.14 0.00	32.46 2.57 0.00	35.25 3.06 0.00	38.20 3.49 1.24	39.59 3.57 -0.01	42.10 3.62 0.00	42.87 3.90 -0.01	44.81 3.92 -0.01	48.58 3.97 -0.01	54.36 4.26 -0.01	57.62 4.32 -0.01	62.38 4.30 0.00	56.10 3.82 -0.01	50.32 3.34 -0.01	46.50 3.08 -0.01	42.45 2.92 -0.01	38.33 2.68 -0.44	35.23 2.52 -1.21
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	34.24 2.74 0.00	30.87 2.37 0.00	29.84 2.19 0.00	28.17 2.01 0.00	27.53 1.85 0.00	29.42 2.15 0.00	29.56 2.14 0.00	32.49 2.60 0.00	35.29 3.09 0.00	39.25 3.49 0.20	39.45 3.60 0.16	42.10 3.62 0.00	42.44 3.90 0.43	44.47 3.97 0.38	48.62 4.01 0.00	54.31 4.21 0.00	57.56 4.26 0.00	62.37 4.30 0.00	56.04 3.76 0.00	50.27 3.29 0.00	46.50 3.08 0.00	42.48 2.96 0.00	37.93 2.71 0.00	34.02 2.52 0.00
RAVENSWOOD_GT_9 24257	34.24 2.74 0.00	30.87 2.37 0.00	29.84 2.19 0.00	28.17 2.01 0.00	27.53 1.85 0.00	29.42 2.15 0.00	29.56 2.14 0.00	32.49 2.60 0.00	35.29 3.09 0.00	39.25 3.49 0.20	39.45 3.60 0.16	42.10 3.62 0.00	42.44 3.90 0.43	44.47 3.97 0.38	48.62 4.01 0.00	54.31 4.21 0.00	57.56 4.26 0.00	62.37 4.30 0.00	56.04 3.76 0.00	50.27 3.29 0.00	46.50 3.08 0.00	42.48 2.96 0.00	37.93 2.71 0.00	34.02 2.52 0.00

RAVENSWOOD___1 23533	34.41 2.90 -0.01	31.03 2.51 -0.01	29.93 2.27 0.00	28.25 2.09 0.00	27.61 1.93 0.00	29.48 2.21 0.00	29.61 2.19 0.00	32.55 2.66 0.00	35.42 3.22 0.00	41.59 3.67 -1.96	41.55 3.74 -1.80	42.26 3.77 0.00	47.28 4.05 -4.25	48.81 4.13 -3.80	48.75 4.15 0.00	54.31 4.21 0.00	57.56 4.27 0.00	62.07 4.00 0.01	55.88 3.60 0.00	50.22 3.24 0.00	46.50 3.08 0.00	42.60 3.08 0.00	38.11 2.89 -0.01	34.19 2.68 -0.01
RAVENSWOOD___2 23534	34.31 2.80 -0.01	30.94 2.42 -0.01	29.87 2.21 0.00	28.19 2.04 0.00	27.56 1.87 0.00	29.42 2.15 0.00	29.56 2.14 0.00	32.49 2.60 0.00	35.32 3.12 0.00	41.48 3.56 -1.96	41.48 3.67 -1.79	42.18 3.69 0.00	47.19 3.98 -4.24	48.67 4.01 -3.78	48.57 3.97 0.00	53.86 3.76 0.00	57.08 3.78 0.00	61.55 3.48 0.01	55.41 3.14 0.00	49.94 2.96 0.00	46.41 2.99 0.00	42.52 3.00 0.00	38.04 2.82 -0.01	34.12 2.61 -0.01
RAVENSWOOD___3 23535	34.28 2.77 0.00	30.87 2.36 0.00	29.82 2.16 0.00	28.17 2.01 0.00	27.56 1.87 0.00	29.42 2.15 0.00	29.56 2.14 0.00	32.49 2.60 0.00	35.29 3.09 0.00	39.45 3.49 0.00	39.63 3.60 -0.02	42.06 3.58 0.00	42.87 3.90 0.00	44.85 3.96 0.00	48.57 3.97 0.00	54.26 4.16 0.00	57.66 4.37 0.00	62.26 4.18 0.00	55.99 3.71 0.00	50.22 3.24 0.00	46.45 3.04 0.00	42.48 2.97 0.00	37.93 2.71 0.00	34.05 2.55 0.00
RAVENSWOOD___4 23820	34.38 2.87 -0.01	30.99 2.48 -0.01	29.90 2.24 0.00	28.22 2.07 0.00	27.58 1.90 0.00	29.45 2.18 0.00	29.59 2.17 0.00	32.53 2.63 0.00	35.38 3.19 0.00	41.20 3.63 -1.61	39.78 3.74 -0.02	42.21 3.73 0.00	42.98 4.01 0.01	44.96 4.09 0.01	48.75 4.15 0.01	54.25 4.16 0.01	57.55 4.27 0.01	62.01 3.95 0.02	55.87 3.60 0.01	50.21 3.24 0.01	46.49 3.08 0.01	42.60 3.08 0.01	37.50 2.85 0.57	32.61 2.68 1.57
RCPL_TRUST___DRP 24196	34.24 2.74 0.00	30.87 2.37 0.00	29.84 2.19 0.00	28.17 2.01 0.00	27.53 1.85 0.00	29.42 2.15 0.00	29.59 2.17 0.00	32.52 2.63 0.00	35.32 3.12 0.00	39.48 3.52 0.00	39.66 3.64 -0.02	42.18 3.69 0.00	42.95 3.98 0.00	44.89 4.01 0.00	48.66 4.06 0.00	54.41 4.31 0.00	57.66 4.37 0.00	62.49 4.41 0.00	56.09 3.82 0.00	50.36 3.38 0.00	46.54 3.13 0.00	42.44 2.92 0.00	37.89 2.68 0.00	33.99 2.49 0.00
RED___ROCHESTER 323720	31.28 -0.22 0.00	28.25 -0.26 0.00	27.27 -0.39 0.00	25.68 -0.47 0.00	25.27 -0.41 0.00	26.86 -0.41 0.00	27.23 -0.19 0.00	29.57 -0.33 0.00	31.71 -0.48 0.00	35.71 -0.25 0.00	36.48 0.47 0.00	39.37 0.89 0.00	39.75 0.78 0.00	41.91 1.02 0.00	46.21 1.60 0.00	51.80 1.70 0.00	54.95 1.65 0.00	59.99 1.91 0.00	53.84 1.57 0.00	48.01 1.03 0.00	44.20 0.78 0.00	40.51 0.99 0.00	35.92 0.70 0.00	32.10 0.60 0.00
REGAN___SOLAR 323812	35.51 4.00 0.00	32.13 3.62 0.00	30.92 3.26 0.00	29.24 3.08 0.00	28.59 2.90 0.00	30.51 3.24 0.00	30.93 3.51 0.00	33.75 3.86 0.00	36.16 3.96 0.00	40.09 4.13 0.00	39.87 3.85 0.00	43.06 4.58 0.00	43.76 4.79 0.00	45.62 4.74 0.00	49.82 5.22 0.00	56.46 6.36 0.00	59.85 6.55 0.00	66.56 8.48 0.00	60.32 8.05 0.00	54.73 7.75 0.00	50.23 6.82 0.00	45.41 5.89 0.00	40.25 5.04 0.00	35.82 4.32 0.00
RENSSELAER___COGEN 23796	32.45 0.94 0.00	29.39 0.88 0.00	28.49 0.83 0.00	26.96 0.81 0.00	26.43 0.75 0.00	28.06 0.79 0.00	28.13 0.71 0.00	30.76 0.87 0.00	33.20 1.00 0.00	37.08 1.12 0.00	36.91 0.90 0.00	39.40 0.92 0.00	39.87 0.90 0.00	41.78 0.90 0.00	45.54 0.94 0.00	51.15 1.05 0.00	54.46 1.17 0.00	59.35 1.28 0.00	53.43 1.15 0.00	48.10 1.13 0.00	44.46 1.04 0.00	40.39 0.87 0.00	36.03 0.81 0.00	32.32 0.82 0.00
REPUBLIC_115KV_BARTNBK 55605	35.41 3.91 0.00	31.96 3.45 0.00	30.76 3.10 0.00	29.13 2.98 0.00	28.43 2.75 0.00	30.30 3.03 0.00	30.63 3.21 0.00	33.54 3.65 0.00	36.16 3.96 0.00	40.38 4.42 0.00	39.86 3.85 0.00	42.98 4.50 0.00	43.65 4.68 0.00	45.34 4.46 0.00	49.56 4.95 0.00	55.86 5.76 0.00	59.37 6.08 0.00	65.63 7.55 0.00	59.86 7.58 0.00	54.35 7.38 0.00	50.10 6.69 0.00	45.33 5.81 0.00	39.97 4.75 0.00	35.66 4.16 0.00
REVERE_CPPR_DRP 24186	32.85 1.35 0.01	29.54 1.17 0.14	28.62 1.05 0.09	27.09 0.94 0.01	26.66 0.98 0.00	28.29 1.09 0.07	28.51 1.18 0.09	30.86 1.20 0.23	33.09 1.26 0.36	36.79 1.40 0.58	36.84 1.40 0.57	40.13 1.65 0.01	39.87 1.64 0.74	42.01 1.84 0.71	46.61 2.01 0.01	50.83 2.20 1.48	54.22 2.50 1.58	61.04 2.96 0.00	55.05 2.77 0.00	49.52 2.54 0.00	45.89 2.47 0.00	41.85 2.33 0.00	36.98 1.76 0.00	32.92 1.42 0.00
REYNOLDS_115KV_TB3 80639	32.73 1.23 0.00	29.62 1.11 0.00	28.71 1.05 0.00	27.17 1.02 0.00	26.63 0.95 0.00	28.28 1.01 0.00	28.38 0.96 0.00	31.03 1.14 0.00	33.48 1.29 0.00	37.40 1.44 0.00	37.23 1.22 0.00	39.75 1.27 0.00	40.30 1.33 0.00	42.23 1.35 0.00	46.03 1.43 0.00	51.70 1.60 0.00	55.10 1.81 0.00	59.99 1.92 0.00	54.00 1.73 0.00	48.62 1.64 0.00	44.89 1.48 0.00	40.78 1.26 0.00	36.24 1.02 0.00	32.54 1.04 0.00
RIVERBAY____ 323610	34.88 3.37 -0.01	31.45 2.94 -0.01	30.37 2.71 0.00	28.61 2.46 0.00	27.89 2.21 0.00	29.75 2.48 0.00	29.75 2.33 0.00	32.67 2.78 0.00	35.51 3.32 0.00	39.73 3.78 0.01	39.87 3.85 -0.01	42.41 3.93 0.00	43.15 4.17 -0.01	45.13 4.25 0.01	48.89 4.28 0.00	54.46 4.36 0.00	57.61 4.32 0.00	62.60 4.53 0.01	55.99 3.71 0.00	50.36 3.38 0.00	46.67 3.26 0.00	42.76 3.24 0.00	38.36 3.13 -0.01	34.44 2.93 -0.01
RIVERSDE_115KV_TB3 55908	32.64 1.13 0.00	29.56 1.05 0.00	28.65 1.00 0.00	27.12 0.97 0.00	26.56 0.87 0.00	28.20 0.93 0.00	28.30 0.88 0.00	30.94 1.05 0.00	33.39 1.19 0.00	37.33 1.37 0.00	37.16 1.15 0.00	39.67 1.19 0.00	40.22 1.25 0.00	42.15 1.27 0.00	45.94 1.34 0.00	51.60 1.50 0.00	54.94 1.65 0.00	59.88 1.80 0.00	53.90 1.62 0.00	48.53 1.55 0.00	44.80 1.39 0.00	40.70 1.19 0.00	36.20 0.99 0.00	32.48 0.98 0.00
ROARING___BROOK_WT_PWR 323790	30.88 -0.63 0.00	27.99 -0.60 -0.08	27.16 -0.55 -0.05	25.66 -0.50 0.00	25.22 -0.46 0.00	26.73 -0.57 -0.04	26.95 -0.52 -0.05	29.46 -0.57 -0.13	31.79 -0.61 -0.21	35.53 -0.76 -0.33	35.54 -0.79 -0.33	37.64 -0.85 0.00	38.46 -0.94 -0.42	40.31 -0.98 -0.41	43.50 -1.11 0.00	49.74 -1.20 -0.84	52.91 -1.28 -0.90	56.80 -1.28 0.00	51.18 -1.10 0.00	46.13 -0.84 0.00	42.64 -0.78 0.00	38.73 -0.79 0.00	34.59 -0.63 0.00	30.87 -0.63 0.00
ROCHESRG_115KV_T4 355643	30.94 -0.57 0.00	27.94 -0.57 0.00	26.97 -0.69 0.00	25.42 -0.73 0.00	25.02 -0.67 0.00	26.61 -0.65 0.00	26.95 -0.47 0.00	29.24 -0.66 0.00	31.36 -0.84 0.00	35.28 -0.68 0.00	36.01 0.00 0.00	38.75 0.27 0.00	39.13 0.16 0.00	41.29 0.41 0.00	45.41 0.80 0.00	50.90 0.80 0.00	53.93 0.64 0.00	58.95 0.87 0.00	52.85 0.58 0.00	47.12 0.14 0.00	43.46 0.04 0.00	39.95 0.43 0.00	35.46 0.25 0.00	31.66 0.16 0.00

ROCHESTER_9_IC 23652	31.13 -0.38 0.00	28.08 -0.43 0.00	27.13 -0.53 0.00	25.55 -0.60 0.00	25.14 -0.54 0.00	26.75 -0.52 0.00	27.09 -0.33 0.00	29.42 -0.48 0.00	31.55 -0.64 0.00	35.49 -0.47 0.00	36.26 0.25 0.00	39.06 0.58 0.00	39.44 0.47 0.00	41.62 0.74 0.00	45.81 1.20 0.00	51.35 1.25 0.00	54.41 1.12 0.00	59.47 1.39 0.00	53.32 1.05 0.00	47.54 0.56 0.00	43.81 0.39 0.00	40.27 0.75 0.00	35.71 0.49 0.00	31.88 0.38 0.00
ROCKVIEW_13_KV_LD 356306	34.18 2.68 0.00	30.82 2.31 0.00	29.79 2.13 0.00	28.11 1.96 0.00	27.51 1.82 0.00	29.42 2.15 0.00	29.56 2.14 0.00	32.46 2.57 0.00	35.19 2.99 0.00	39.38 3.42 0.00	39.54 3.53 0.00	42.06 3.58 0.00	42.83 3.86 0.00	44.81 3.92 0.00	48.66 4.06 0.00	54.46 4.36 0.00	57.77 4.48 0.00	62.66 4.59 0.00	56.30 4.03 0.00	50.50 3.52 0.00	46.67 3.26 0.00	42.56 3.04 0.00	37.93 2.71 0.00	34.02 2.52 0.00
ROME____115KV_TB2 80656	32.85 1.35 0.01	29.54 1.17 0.14	28.62 1.05 0.09	27.09 0.94 0.01	26.66 0.98 0.00	28.29 1.09 0.07	28.51 1.18 0.09	30.86 1.20 0.23	33.09 1.26 0.36	36.79 1.40 0.58	36.84 1.40 0.57	40.13 1.65 0.01	39.87 1.64 0.74	42.01 1.84 0.71	46.61 2.01 0.01	50.83 2.20 1.48	54.22 2.50 1.58	61.04 2.96 0.00	55.05 2.77 0.00	49.52 2.54 0.00	45.89 2.47 0.00	41.85 2.33 0.00	36.98 1.76 0.00	32.92 1.42 0.00
ROSETON____1 23587	33.49 1.99 0.00	30.28 1.77 0.00	29.29 1.63 0.00	27.67 1.52 0.00	27.12 1.44 0.00	28.90 1.64 0.00	29.01 1.59 0.00	31.78 1.88 0.00	34.39 2.19 0.00	38.44 2.48 0.00	38.49 2.48 0.00	40.95 2.47 0.00	41.66 2.69 0.00	43.62 2.74 0.00	47.42 2.81 0.00	53.11 3.01 0.00	56.49 3.20 0.00	61.27 3.19 0.00	55.10 2.82 0.00	49.42 2.44 0.00	45.67 2.26 0.00	41.65 2.13 0.00	37.08 1.87 0.00	33.26 1.76 0.00
ROSETON____2 23588	33.49 1.99 0.00	30.28 1.77 0.00	29.29 1.63 0.00	27.67 1.52 0.00	27.12 1.44 0.00	28.90 1.64 0.00	29.01 1.59 0.00	31.78 1.88 0.00	34.39 2.19 0.00	38.44 2.48 0.00	38.49 2.48 0.00	40.95 2.47 0.00	41.66 2.69 0.00	43.62 2.74 0.00	47.42 2.81 0.00	53.11 3.01 0.00	56.49 3.20 0.00	61.27 3.19 0.00	55.10 2.82 0.00	49.42 2.44 0.00	45.67 2.26 0.00	41.65 2.13 0.00	37.08 1.87 0.00	33.26 1.76 0.00
ROTTDAM_115KV_TB3 80664	32.89 1.39 0.00	29.76 1.25 0.00	28.85 1.19 0.00	27.28 1.12 0.00	26.71 1.03 0.00	28.41 1.15 0.00	28.54 1.12 0.00	31.15 1.26 0.00	33.55 1.35 0.00	37.47 1.51 0.00	37.38 1.37 0.00	39.94 1.46 0.00	40.57 1.60 0.00	42.48 1.59 0.00	46.34 1.74 0.00	52.10 2.00 0.00	55.42 2.13 0.00	60.46 2.38 0.00	54.53 2.25 0.00	49.09 2.11 0.00	45.37 1.95 0.00	41.22 1.70 0.00	36.59 1.37 0.00	32.79 1.29 0.00
RUSSELL____1 23602	31.28 -0.22 0.00	28.22 -0.29 0.00	27.24 -0.41 0.00	25.66 -0.50 0.00	25.27 -0.41 0.00	26.86 -0.41 0.00	27.23 -0.19 0.00	29.57 -0.33 0.00	31.71 -0.48 0.00	35.71 -0.25 0.00	36.48 0.47 0.00	39.29 0.81 0.00	39.67 0.70 0.00	41.91 1.02 0.00	46.12 1.52 0.00	51.70 1.60 0.00	54.84 1.55 0.00	59.88 1.80 0.00	53.74 1.46 0.00	47.87 0.89 0.00	44.11 0.69 0.00	40.55 1.03 0.00	35.92 0.70 0.00	32.10 0.60 0.00
RUSSELL____2 23532	31.28 -0.22 0.00	28.22 -0.29 0.00	27.24 -0.41 0.00	25.66 -0.50 0.00	25.27 -0.41 0.00	26.86 -0.41 0.00	27.23 -0.19 0.00	29.57 -0.33 0.00	31.71 -0.48 0.00	35.71 -0.25 0.00	36.48 0.47 0.00	39.29 0.81 0.00	39.67 0.70 0.00	41.91 1.02 0.00	46.12 1.52 0.00	51.70 1.60 0.00	54.84 1.55 0.00	59.88 1.80 0.00	53.74 1.46 0.00	47.87 0.89 0.00	44.11 0.69 0.00	40.55 1.03 0.00	35.92 0.70 0.00	32.10 0.60 0.00
RUSSELL____3 23549	31.28 -0.22 0.00	28.22 -0.29 0.00	27.24 -0.41 0.00	25.66 -0.50 0.00	25.27 -0.41 0.00	26.86 -0.41 0.00	27.23 -0.19 0.00	29.57 -0.33 0.00	31.71 -0.48 0.00	35.71 -0.25 0.00	36.48 0.47 0.00	39.29 0.81 0.00	39.67 0.70 0.00	41.91 1.02 0.00	46.12 1.52 0.00	51.70 1.60 0.00	54.84 1.55 0.00	59.88 1.80 0.00	53.74 1.46 0.00	47.87 0.89 0.00	44.11 0.69 0.00	40.55 1.03 0.00	35.92 0.70 0.00	32.10 0.60 0.00
RUSSELL____4 23556	31.28 -0.22 0.00	28.22 -0.29 0.00	27.24 -0.41 0.00	25.66 -0.50 0.00	25.27 -0.41 0.00	26.86 -0.41 0.00	27.23 -0.19 0.00	29.57 -0.33 0.00	31.71 -0.48 0.00	35.71 -0.25 0.00	36.48 0.47 0.00	39.29 0.81 0.00	39.67 0.70 0.00	41.91 1.02 0.00	46.12 1.52 0.00	51.70 1.60 0.00	54.84 1.55 0.00	59.88 1.80 0.00	53.74 1.46 0.00	47.87 0.89 0.00	44.11 0.69 0.00	40.55 1.03 0.00	35.92 0.70 0.00	32.10 0.60 0.00
RUSSELL____STATION 23914	31.28 -0.22 0.00	28.22 -0.29 0.00	27.24 -0.41 0.00	25.66 -0.50 0.00	25.27 -0.41 0.00	26.86 -0.41 0.00	27.23 -0.19 0.00	29.57 -0.33 0.00	31.71 -0.48 0.00	35.71 -0.25 0.00	36.48 0.47 0.00	39.29 0.81 0.00	39.67 0.70 0.00	41.91 1.02 0.00	46.12 1.52 0.00	51.70 1.60 0.00	54.84 1.55 0.00	59.88 1.80 0.00	53.74 1.46 0.00	47.87 0.89 0.00	44.11 0.69 0.00	40.55 1.03 0.00	35.92 0.70 0.00	32.10 0.60 0.00
S SALMON____HYD 24043	30.87 -0.63 0.01	27.73 -0.60 0.17	26.88 -0.66 0.12	25.52 -0.63 0.01	25.07 -0.62 0.00	26.58 -0.60 0.09	26.77 -0.55 0.11	29.04 -0.57 0.29	31.07 -0.68 0.45	34.60 -0.65 0.72	34.76 -0.54 0.71	38.01 -0.46 0.01	37.47 -0.58 0.92	39.42 -0.57 0.89	43.93 -0.67 0.01	47.55 -0.70 1.84	50.58 -0.75 1.96	57.38 -0.69 0.00	51.70 -0.57 0.00	46.51 -0.47 0.00	43.11 -0.30 0.00	39.36 -0.16 0.00	35.04 -0.18 0.00	31.22 -0.28 0.00
S.PERRY__115KV_TB1 80734	32.20 0.69 0.00	29.05 0.54 0.00	28.02 0.36 0.00	26.39 0.24 0.00	25.97 0.28 0.00	27.70 0.44 0.00	28.08 0.66 0.00	30.25 0.36 0.00	32.13 -0.06 0.00	36.14 0.18 0.00	36.87 0.86 0.00	38.44 -0.04 0.00	38.78 -0.19 0.00	40.92 0.04 0.00	45.05 0.45 0.00	50.50 0.40 0.00	53.56 0.27 0.00	58.89 0.81 0.00	53.38 1.10 0.00	48.01 1.03 0.00	44.46 1.04 0.00	40.94 1.42 0.00	37.30 2.08 0.00	33.23 1.73 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	30.56 -0.95 0.00	27.60 -0.91 0.00	26.64 -1.02 0.00	25.05 -1.10 0.00	24.66 -1.03 0.00	26.31 -0.95 0.00	26.68 -0.74 0.00	28.70 -1.20 0.00	30.68 -1.51 0.00	34.66 -1.29 0.00	35.79 -0.22 0.00	38.71 0.23 0.00	39.01 0.04 0.00	41.29 0.41 0.00	45.50 0.89 0.00	50.95 0.85 0.00	53.67 0.37 0.00	58.71 0.64 0.00	52.43 0.16 0.00	46.51 -0.47 0.00	42.85 -0.56 0.00	39.76 0.24 0.00	35.25 0.04 0.00	31.53 0.03 0.00
SAWYER____23_KV_LOAD 55526	30.56 -0.95 0.00	27.60 -0.91 0.00	26.64 -1.02 0.00	25.05 -1.10 0.00	24.66 -1.03 0.00	26.31 -0.95 0.00	26.68 -0.74 0.00	28.70 -1.20 0.00	30.68 -1.51 0.00	34.66 -1.29 0.00	35.79 -0.22 0.00	38.71 0.23 0.00	39.01 0.04 0.00	41.29 0.41 0.00	45.50 0.89 0.00	50.95 0.85 0.00	53.67 0.37 0.00	58.71 0.64 0.00	52.43 0.16 0.00	46.51 -0.47 0.00	42.85 -0.56 0.00	39.76 0.24 0.00	35.25 0.04 0.00	31.53 0.03 0.00

SELKIRK___I 23801	32.64 1.13 0.00	29.56 1.06 0.00	28.68 1.02 0.00	27.12 0.97 0.00	26.61 0.92 0.00	28.25 0.98 0.00	28.32 0.90 0.00	30.91 1.02 0.00	33.32 1.13 0.00	37.18 1.22 0.00	37.09 1.08 0.00	39.56 1.08 0.00	39.95 0.97 0.00	41.91 1.02 0.00	45.67 1.07 0.00	51.30 1.20 0.00	54.63 1.33 0.00	59.53 1.45 0.00	53.69 1.41 0.00	48.39 1.41 0.00	44.72 1.30 0.00	40.67 1.15 0.00	36.35 1.13 0.00	32.63 1.13 0.00
SELKIRK___II 23799	32.54 1.04 0.00	29.48 0.97 0.00	28.60 0.94 0.00	27.04 0.89 0.00	26.53 0.85 0.00	28.17 0.90 0.00	28.24 0.82 0.00	30.82 0.93 0.00	33.26 1.06 0.00	37.14 1.18 0.00	37.06 1.04 0.00	39.52 1.04 0.00	39.71 0.74 0.00	41.66 0.77 0.00	45.36 0.76 0.00	50.95 0.85 0.00	54.25 0.96 0.00	59.12 1.05 0.00	53.22 0.94 0.00	47.92 0.94 0.00	44.24 0.82 0.00	40.23 0.71 0.00	36.13 0.91 0.00	32.42 0.91 0.00
SENECA OSWGO___HYD 24041	31.03 -0.47 0.00	28.00 -0.46 0.06	27.12 -0.50 0.04	25.65 -0.50 0.00	25.20 -0.49 0.00	26.75 -0.49 0.03	26.95 -0.44 0.03	29.32 -0.48 0.09	31.47 -0.58 0.14	35.19 -0.54 0.23	35.39 -0.40 0.23	38.17 -0.31 0.00	38.29 -0.39 0.29	40.23 -0.37 0.28	44.29 -0.31 0.00	49.16 -0.35 0.59	52.30 -0.37 0.63	57.73 -0.35 0.00	51.91 -0.36 0.00	46.51 -0.47 0.00	43.07 -0.35 0.00	39.28 -0.24 0.00	34.97 -0.24 0.00	31.25 -0.25 0.00
SENECA___115KV_TB3 355854	30.91 -0.60 0.00	27.94 -0.57 0.00	26.94 -0.72 0.00	25.34 -0.81 0.00	24.91 -0.77 0.00	26.61 -0.65 0.00	27.01 -0.41 0.00	29.06 -0.84 0.00	31.10 -1.09 0.00	35.17 -0.79 0.00	36.30 0.29 0.00	39.25 0.77 0.00	39.59 0.62 0.00	41.95 1.06 0.00	46.21 1.61 0.00	51.75 1.65 0.00	54.47 1.17 0.00	59.59 1.51 0.00	53.27 0.99 0.00	47.17 0.19 0.00	43.42 0.00 0.00	40.31 0.79 0.00	35.71 0.49 0.00	31.91 0.41 0.00
SENECA___ENERGY 23797	31.47 -0.03 0.00	28.39 -0.09 0.03	27.47 -0.16 0.02	25.94 -0.21 0.00	25.48 -0.21 0.00	27.14 -0.11 0.02	27.43 0.03 0.02	29.84 0.00 0.05	31.96 -0.16 0.08	35.83 0.00 0.13	36.25 0.36 0.12	39.09 0.61 0.00	39.36 0.55 0.16	41.38 0.65 0.15	45.58 0.98 0.00	50.88 1.10 0.32	54.07 1.12 0.34	59.41 1.34 0.00	53.43 1.15 0.00	47.73 0.75 0.00	44.15 0.74 0.00	40.31 0.79 0.00	35.71 0.49 0.00	31.85 0.35 0.00
SHOEMAKER___GT 23640	33.30 1.79 0.00	30.13 1.62 0.00	29.15 1.49 0.00	27.51 1.36 0.00	26.97 1.28 0.00	28.74 1.47 0.00	28.85 1.42 0.00	31.51 1.61 0.00	34.06 1.87 0.00	38.08 2.12 0.00	38.13 2.12 0.00	40.64 2.15 0.00	41.31 2.34 0.00	43.29 2.41 0.00	47.10 2.50 0.00	52.80 2.70 0.00	56.17 2.88 0.00	61.04 2.96 0.00	54.89 2.61 0.00	49.28 2.30 0.00	45.54 2.13 0.00	41.49 1.98 0.00	36.91 1.69 0.00	33.08 1.57 0.00
SHOEMAKR_138KV_BK 111 55601	33.30 1.80 0.00	30.13 1.62 0.00	29.12 1.47 0.00	27.51 1.36 0.00	26.94 1.26 0.00	28.74 1.47 0.00	28.82 1.40 0.00	31.51 1.61 0.00	34.06 1.87 0.00	38.08 2.12 0.00	38.17 2.16 0.00	40.68 2.19 0.00	41.35 2.38 0.00	43.34 2.45 0.00	47.15 2.54 0.00	52.86 2.76 0.00	56.17 2.88 0.00	61.10 3.02 0.00	54.89 2.61 0.00	49.28 2.30 0.00	45.54 2.13 0.00	41.49 1.98 0.00	36.91 1.69 0.00	33.08 1.58 0.00
SHOREHAM_IC_1 23715	40.47 3.40 -5.56	39.67 2.99 -8.17	37.74 2.71 -7.37	35.39 2.59 -6.65	33.69 2.47 -5.54	37.66 2.78 -7.61	38.37 2.74 -8.21	39.43 3.29 -6.25	40.52 3.70 -4.62	41.82 4.13 -1.73	52.81 4.10 -12.70	133.93 4.39 -91.06	133.16 4.64 -89.55	140.90 4.54 -95.48	143.55 4.68 -94.26	148.33 4.96 -93.27	215.40 5.38 -156.73	303.82 5.46 -240.29	171.20 4.76 -114.17	143.56 4.09 -92.50	140.99 3.73 -93.84	134.00 4.11 -90.38	63.53 3.35 -24.97	38.70 3.25 -3.95
SHOREHAM_IC_2 23716	40.47 3.40 -5.56	39.67 2.99 -8.17	37.74 2.71 -7.37	35.39 2.59 -6.65	33.69 2.47 -5.54	37.66 2.78 -7.61	38.37 2.74 -8.21	39.43 3.29 -6.25	40.52 3.70 -4.62	41.82 4.13 -1.73	52.81 4.10 -12.70	133.93 4.39 -91.06	133.16 4.64 -89.55	140.90 4.54 -95.48	143.55 4.68 -94.26	148.33 4.96 -93.27	215.40 5.38 -156.73	303.82 5.46 -240.29	171.20 4.76 -114.17	143.56 4.09 -92.50	140.99 3.73 -93.84	134.00 4.11 -90.38	63.53 3.35 -24.97	38.70 3.25 -3.95
SISSONVILLE____ 23735	29.47 -1.95 0.08	25.14 -1.74 1.62	24.92 -1.66 1.08	24.56 -1.52 0.08	24.58 -1.10 0.00	24.82 -1.64 0.81	24.92 -1.51 0.99	25.53 -1.70 2.66	26.10 -1.87 4.23	26.96 -2.30 6.70	26.91 -2.45 6.66	35.71 -2.69 0.08	27.59 -2.81 8.57	29.54 -3.07 8.28	41.22 -3.30 0.08	29.23 -3.66 17.21	31.13 -3.84 18.33	54.13 -3.95 0.00	48.88 -3.40 0.00	44.39 -2.58 0.00	41.07 -2.34 0.00	37.19 -2.33 0.00	33.25 -1.97 0.00	29.58 -1.92 0.00
SITHE_IND_GS1 24169	30.59 -0.91 0.00	27.68 -0.83 0.00	26.80 -0.86 0.00	25.34 -0.81 0.00	24.89 -0.80 0.00	26.45 -0.82 0.00	26.62 -0.80 0.00	29.03 -0.87 0.00	31.23 -0.97 0.00	34.92 -1.04 0.00	35.11 -0.90 0.00	37.60 -0.88 0.00	38.04 -0.94 0.00	39.94 -0.94 0.00	43.67 -0.94 0.00	49.05 -1.05 0.00	52.12 -1.17 0.00	56.85 -1.22 0.00	51.13 -1.15 0.00	45.85 -1.13 0.00	42.37 -1.04 0.00	38.65 -0.87 0.00	34.41 -0.81 0.00	30.75 -0.76 0.00
SITHE_IND_GS2 24170	30.59 -0.91 0.00	27.68 -0.83 0.00	26.80 -0.86 0.00	25.34 -0.81 0.00	24.89 -0.80 0.00	26.45 -0.82 0.00	26.62 -0.80 0.00	29.03 -0.87 0.00	31.23 -0.97 0.00	34.92 -1.04 0.00	35.11 -0.90 0.00	37.60 -0.88 0.00	38.04 -0.94 0.00	39.94 -0.94 0.00	43.67 -0.94 0.00	49.05 -1.05 0.00	52.12 -1.17 0.00	56.85 -1.22 0.00	51.13 -1.15 0.00	45.85 -1.13 0.00	42.37 -1.04 0.00	38.65 -0.87 0.00	34.41 -0.81 0.00	30.75 -0.76 0.00
SITHE_IND_GS3 24171	30.59 -0.91 0.00	27.68 -0.83 0.00	26.80 -0.86 0.00	25.34 -0.81 0.00	24.89 -0.80 0.00	26.45 -0.82 0.00	26.62 -0.80 0.00	29.03 -0.87 0.00	31.23 -0.97 0.00	34.92 -1.04 0.00	35.11 -0.90 0.00	37.60 -0.88 0.00	38.04 -0.94 0.00	39.94 -0.94 0.00	43.67 -0.94 0.00	49.05 -1.05 0.00	52.12 -1.17 0.00	56.85 -1.22 0.00	51.13 -1.15 0.00	45.85 -1.13 0.00	42.37 -1.04 0.00	38.65 -0.87 0.00	34.41 -0.81 0.00	30.75 -0.76 0.00
SITHE_IND_GS4 24172	30.59 -0.91 0.00	27.68 -0.83 0.00	26.80 -0.86 0.00	25.34 -0.81 0.00	24.89 -0.80 0.00	26.45 -0.82 0.00	26.62 -0.80 0.00	29.03 -0.87 0.00	31.23 -0.97 0.00	34.92 -1.04 0.00	35.11 -0.90 0.00	37.60 -0.88 0.00	38.04 -0.94 0.00	39.94 -0.94 0.00	43.67 -0.94 0.00	49.05 -1.05 0.00	52.12 -1.17 0.00	56.85 -1.22 0.00	51.13 -1.15 0.00	45.85 -1.13 0.00	42.37 -1.04 0.00	38.65 -0.87 0.00	34.41 -0.81 0.00	30.75 -0.76 0.00
SITHE___BATAVIA 24024	31.28 -0.22 0.00	28.25 -0.26 0.00	27.24 -0.41 0.00	25.66 -0.50 0.00	25.25 -0.44 0.00	26.89 -0.38 0.00	27.28 -0.14 0.00	29.50 -0.39 0.00	31.55 -0.64 0.00	35.49 -0.47 0.00	36.55 0.54 0.00	39.56 1.08 0.00	39.90 0.93 0.00	42.19 1.31 0.00	46.70 2.10 0.00	52.25 2.15 0.00	55.27 1.97 0.00	60.57 2.50 0.00	54.26 1.99 0.00	48.20 1.22 0.00	44.37 0.95 0.00	40.86 1.34 0.00	36.17 0.95 0.00	32.35 0.85 0.00

SITHE___INDEPEND 23800	30.59 -0.91 0.00	27.65 -0.86 0.00	26.80 -0.86 0.00	25.34 -0.81 0.00	24.89 -0.80 0.00	26.45 -0.82 0.00	26.63 -0.80 0.00	29.03 -0.87 0.00	31.23 -0.97 0.00	34.92 -1.04 0.00	35.11 -0.90 0.00	37.60 -0.89 0.00	38.04 -0.94 0.00	39.94 -0.94 0.00	43.67 -0.94 0.00	49.05 -1.05 0.00	52.12 -1.17 0.00	56.80 -1.28 0.00	51.13 -1.15 0.00	45.85 -1.13 0.00	42.37 -1.04 0.00	38.65 -0.87 0.00	34.41 -0.81 0.00	30.75 -0.76 0.00
SITHE___MASSENA 23902	30.28 -1.10 0.12	25.19 -0.97 2.35	25.18 -0.91 1.56	25.23 -0.81 0.11	25.07 -0.62 0.00	25.20 -0.90 1.17	25.18 -0.80 1.44	25.11 -0.93 3.86	25.04 -1.03 6.13	24.92 -1.33 9.71	24.92 -1.44 9.64	36.79 -1.58 0.12	24.88 -1.67 12.42	27.05 -1.84 11.99	42.53 -1.96 0.12	23.01 -2.15 24.94	24.44 -2.29 26.56	55.75 -2.32 0.00	50.29 -1.99 0.00	45.52 -1.46 0.00	42.07 -1.35 0.00	38.10 -1.42 0.00	34.13 -1.09 0.00	30.40 -1.10 0.00
SITHE___OGDNSBRG 24021	30.27 -1.13 0.09	25.60 -1.00 1.91	25.45 -0.94 1.27	25.25 -0.81 0.09	25.27 -0.41 0.00	25.42 -0.90 0.95	25.49 -0.77 1.17	25.81 -0.96 3.13	26.10 -1.13 4.97	26.62 -1.47 7.87	26.50 -1.69 7.82	36.54 -1.85 0.09	26.96 -1.95 10.06	29.04 -2.13 9.72	42.24 -2.27 0.09	27.33 -2.56 20.21	29.15 -2.61 21.53	55.52 -2.56 0.00	50.24 -2.04 0.00	45.66 -1.32 0.00	42.29 -1.13 0.00	38.29 -1.23 0.00	34.20 -1.02 0.00	30.40 -1.10 0.00
SITHE___STERLING 23777	32.60 1.10 0.00	29.41 1.00 0.09	28.46 0.86 0.06	26.93 0.78 0.00	26.48 0.80 0.00	28.12 0.90 0.05	28.35 0.99 0.06	30.76 1.02 0.15	32.98 1.03 0.24	36.76 1.18 0.38	36.85 1.23 0.38	39.94 1.46 0.00	39.92 1.44 0.49	42.05 1.64 0.47	46.43 1.83 0.00	51.12 2.01 0.99	54.48 2.24 1.05	60.69 2.62 0.00	54.68 2.41 0.00	49.14 2.16 0.00	45.50 2.08 0.00	41.45 1.94 0.00	36.70 1.48 0.00	32.70 1.20 0.00
SLEIGHT___34_KV_TB1 80719	31.13 -0.38 0.00	28.08 -0.43 0.00	27.13 -0.53 0.00	25.60 -0.55 0.00	25.17 -0.51 0.00	26.80 -0.46 0.00	27.12 -0.30 0.00	29.57 -0.33 0.00	31.71 -0.48 0.00	35.67 -0.29 0.00	36.23 0.22 0.00	38.94 0.46 0.00	39.36 0.39 0.00	41.50 0.61 0.00	45.54 0.94 0.00	51.10 1.00 0.00	54.31 1.01 0.00	59.24 1.16 0.00	53.17 0.89 0.00	47.45 0.47 0.00	43.85 0.43 0.00	40.15 0.63 0.00	35.57 0.35 0.00	31.75 0.25 0.00
SOUTH CAIRO___GT 23612	33.87 2.36 0.00	30.70 2.20 0.00	29.65 1.99 0.00	27.98 1.83 0.00	27.40 1.72 0.00	29.15 1.88 0.00	29.23 1.81 0.00	31.69 1.79 0.00	34.10 1.90 0.00	37.97 2.01 0.00	37.70 1.69 0.00	40.29 1.81 0.00	40.72 1.75 0.00	42.72 1.84 0.00	46.61 2.01 0.00	52.40 2.30 0.00	55.96 2.66 0.00	61.39 3.31 0.00	55.52 3.24 0.00	50.22 3.24 0.00	46.41 3.00 0.00	42.01 2.49 0.00	37.61 2.39 0.00	33.71 2.21 0.00
SOUTH HAMPTN___IC 23720	41.06 4.00 -5.56	40.16 3.48 -8.17	38.18 3.15 -7.37	35.76 2.95 -6.65	34.08 2.85 -5.54	38.07 3.19 -7.61	38.78 3.15 -8.21	39.91 3.77 -6.25	41.16 4.34 -4.62	42.58 4.93 -1.69	53.95 5.04 -12.90	131.20 5.43 -87.29	130.45 5.69 -85.79	137.99 5.64 -91.46	140.79 5.89 -90.29	145.80 6.36 -89.34	210.25 6.82 -150.13	295.33 7.08 -230.17	167.81 6.17 -109.36	140.94 5.35 -88.61	138.12 4.82 -89.89	131.28 5.10 -86.66	63.83 4.19 -24.43	39.37 3.97 -3.90
SOUTHDOW___115KV_TB1 355954	32.17 0.66 0.00	29.02 0.51 0.00	27.96 0.30 0.00	26.28 0.13 0.00	25.84 0.15 0.00	27.70 0.44 0.00	28.19 0.77 0.00	30.52 0.63 0.00	32.74 0.55 0.00	37.07 1.11 0.00	38.28 2.27 0.00	41.25 2.77 0.00	41.62 2.65 0.00	44.11 3.23 0.00	48.53 3.93 0.00	54.36 4.26 0.00	57.13 3.84 0.00	62.37 4.30 0.00	55.73 3.45 0.00	49.28 2.30 0.00	45.41 2.00 0.00	42.25 2.73 0.00	37.26 2.04 0.00	33.17 1.67 0.00
SOUTHOLD_69_KV_BK 2 55809	41.56 4.51 -5.55	40.60 3.93 -8.16	38.54 3.51 -7.36	36.06 3.27 -6.64	34.33 3.11 -5.54	38.42 3.54 -7.60	39.10 3.48 -8.20	40.32 4.19 -6.24	41.73 4.93 -4.61	43.29 5.65 -1.69	54.82 5.91 -12.91	132.31 6.50 -87.33	131.46 6.66 -85.83	139.06 6.66 -91.51	142.00 7.05 -90.34	147.26 7.77 -89.39	211.71 8.21 -150.21	297.09 8.71 -230.30	169.44 7.74 -109.43	142.31 6.67 -88.66	139.48 6.12 -89.94	132.35 6.13 -86.71	64.76 5.11 -24.44	40.15 4.76 -3.89
SOUTHOLD___IC 23719	41.57 4.50 -5.56	40.61 3.94 -8.17	38.54 3.51 -7.37	36.07 3.27 -6.65	34.39 3.16 -5.54	38.42 3.54 -7.61	39.11 3.48 -8.21	40.33 4.18 -6.25	41.74 4.93 -4.62	43.30 5.65 -1.69	54.82 5.91 -12.91	132.24 6.43 -87.34	131.47 6.66 -85.83	139.10 6.71 -91.51	141.99 7.05 -90.34	147.20 7.71 -89.39	211.82 8.31 -150.21	297.15 8.77 -230.30	169.44 7.74 -109.43	142.30 6.67 -88.66	139.39 6.03 -89.94	132.43 6.20 -86.71	64.73 5.07 -24.44	40.16 4.76 -3.90
SOUTH_FORK_WT_PWR 323839	41.44 4.38 -5.56	40.50 3.82 -8.17	38.43 3.40 -7.37	35.97 3.16 -6.65	34.26 3.03 -5.54	38.32 3.44 -7.61	39.00 3.37 -8.21	40.21 4.06 -6.25	41.61 4.80 -4.62	43.23 5.57 -1.69	54.79 5.87 -12.90	132.14 6.35 -87.31	131.37 6.59 -85.81	138.99 6.62 -91.49	141.93 7.00 -90.32	147.08 7.61 -89.36	211.67 8.20 -150.17	296.97 8.66 -230.23	169.30 7.63 -109.39	142.23 6.63 -88.63	139.32 5.99 -89.91	132.36 6.16 -86.68	64.69 5.04 -24.43	40.13 4.72 -3.90
SPIERFLS_115KV_TB 1 80737	33.39 1.89 0.00	30.19 1.68 0.00	29.15 1.49 0.00	27.62 1.46 0.00	27.02 1.34 0.00	28.69 1.42 0.00	28.90 1.48 0.00	31.63 1.73 0.00	34.10 1.90 0.00	38.12 2.16 0.00	37.63 1.62 0.00	40.37 1.89 0.00	40.92 1.95 0.00	42.72 1.84 0.00	46.61 2.01 0.00	52.55 2.45 0.00	55.90 2.61 0.00	61.21 3.14 0.00	55.78 3.50 0.00	50.46 3.48 0.00	46.63 3.21 0.00	42.25 2.73 0.00	37.33 2.11 0.00	33.42 1.92 0.00
ST LAWRENCE____ 23600	30.57 -0.94 -0.01	27.81 -0.88 -0.19	26.98 -0.80 -0.12	25.43 -0.73 -0.01	25.04 -0.64 0.00	26.54 -0.82 -0.09	26.79 -0.74 -0.11	29.36 -0.84 -0.30	31.74 -0.93 -0.47	35.56 -1.15 -0.76	35.54 -1.22 -0.75	37.14 -1.35 -0.01	38.50 -1.44 -0.97	40.27 -1.55 -0.94	42.92 -1.69 -0.01	50.27 -1.85 -2.03	53.39 -2.03 -2.13	55.99 -2.09 0.00	50.50 -1.78 0.00	45.57 -1.41 0.00	42.11 -1.30 0.00	38.22 -1.30 0.00	34.23 -0.99 0.00	30.53 -0.98 0.00
STATE_CA_115KV_115_LB 55624	32.70 1.20 0.00	29.62 1.11 0.00	28.68 1.02 0.00	27.15 0.99 0.00	26.58 0.90 0.00	28.22 0.95 0.00	28.35 0.93 0.00	31.00 1.11 0.00	33.45 1.26 0.00	37.40 1.44 0.00	37.23 1.22 0.00	39.79 1.31 0.00	40.34 1.36 0.00	42.23 1.35 0.00	46.03 1.43 0.00	51.75 1.65 0.00	55.05 1.76 0.00	60.05 1.97 0.00	54.06 1.78 0.00	48.67 1.69 0.00	44.93 1.52 0.00	40.78 1.26 0.00	36.31 1.09 0.00	32.57 1.07 0.00
STATE_ST_34_KV_LOAD 55959	31.75 0.25 0.00	28.65 0.17 0.03	27.75 0.11 0.02	26.20 0.05 0.00	25.74 0.05 0.00	27.39 0.14 0.02	27.65 0.25 0.02	30.14 0.30 0.05	32.34 0.23 0.08	36.26 0.43 0.13	36.49 0.61 0.13	39.33 0.85 0.00	39.62 0.82 0.17	41.66 0.94 0.16	45.76 1.16 0.00	51.12 1.35 0.33	54.38 1.44 0.36	59.64 1.57 0.00	53.69 1.41 0.00	47.97 0.99 0.00	44.41 1.00 0.00	40.55 1.03 0.00	35.96 0.74 0.00	32.04 0.54 0.00

STATION 5_MISC_HYD 23604	31.13 -0.38 0.00	28.11 -0.40 0.00	27.16 -0.50 0.00	25.58 -0.58 0.00	25.14 -0.54 0.00	26.75 -0.52 0.00	27.09 -0.33 0.00	29.41 -0.48 0.00	31.55 -0.64 0.00	35.49 -0.47 0.00	36.26 0.25 0.00	39.14 0.65 0.00	39.52 0.55 0.00	41.62 0.74 0.00	45.90 1.29 0.00	51.45 1.35 0.00	54.52 1.23 0.00	59.58 1.51 0.00	53.43 1.15 0.00	47.64 0.66 0.00	43.89 0.48 0.00	40.23 0.71 0.00	35.71 0.49 0.00	31.88 0.38 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	31.44 -0.06 0.00	28.39 -0.11 0.00	27.41 -0.25 0.00	25.84 -0.31 0.00	25.43 -0.26 0.00	27.08 -0.19 0.00	27.42 0.00 0.00	29.86 -0.03 0.00	32.00 -0.19 0.00	36.00 0.04 0.00	36.59 0.58 0.00	39.37 0.89 0.00	39.79 0.82 0.00	41.95 1.06 0.00	46.12 1.52 0.00	51.75 1.65 0.00	54.94 1.65 0.00	60.05 1.97 0.00	53.90 1.62 0.00	48.06 1.08 0.00	44.37 0.96 0.00	40.66 1.15 0.00	35.99 0.77 0.00	32.13 0.63 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	30.97 -0.54 0.00	27.97 -0.54 0.00	27.02 -0.64 0.00	25.45 -0.71 0.00	25.04 -0.64 0.00	26.64 -0.63 0.00	26.98 -0.44 0.00	29.33 -0.57 0.00	31.46 -0.74 0.00	35.38 -0.58 0.00	36.12 0.11 0.00	38.87 0.38 0.00	39.28 0.31 0.00	41.46 0.57 0.00	45.59 0.98 0.00	51.10 1.00 0.00	54.20 0.91 0.00	59.24 1.16 0.00	53.11 0.84 0.00	47.35 0.38 0.00	43.63 0.22 0.00	40.07 0.55 0.00	35.54 0.32 0.00	31.72 0.22 0.00
STA_56____34_KV_BUS2 355983	30.97 -0.54 0.00	27.97 -0.54 0.00	27.02 -0.64 0.00	25.45 -0.71 0.00	25.04 -0.64 0.00	26.64 -0.63 0.00	26.98 -0.44 0.00	29.33 -0.57 0.00	31.46 -0.74 0.00	35.38 -0.58 0.00	36.12 0.11 0.00	38.87 0.38 0.00	39.28 0.31 0.00	41.46 0.57 0.00	45.59 0.98 0.00	51.10 1.00 0.00	54.20 0.91 0.00	59.24 1.16 0.00	53.11 0.84 0.00	47.35 0.38 0.00	43.63 0.22 0.00	40.07 0.55 0.00	35.54 0.32 0.00	31.72 0.22 0.00
STA_67____115KV_BK2 355882	31.03 -0.47 0.00	28.02 -0.48 0.00	27.08 -0.58 0.00	25.50 -0.65 0.00	25.09 -0.59 0.00	26.70 -0.57 0.00	27.04 -0.38 0.00	29.36 -0.54 0.00	31.46 -0.74 0.00	35.42 -0.54 0.00	36.15 0.14 0.00	38.94 0.46 0.00	39.32 0.35 0.00	41.50 0.61 0.00	45.63 1.03 0.00	51.15 1.05 0.00	54.25 0.96 0.00	59.24 1.16 0.00	53.11 0.84 0.00	47.40 0.42 0.00	43.68 0.26 0.00	40.15 0.63 0.00	35.61 0.39 0.00	31.82 0.32 0.00
STA_7____115KV_9TRANS 80674	31.28 -0.22 0.00	28.22 -0.29 0.00	27.24 -0.41 0.00	25.66 -0.50 0.00	25.27 -0.41 0.00	26.86 -0.41 0.00	27.23 -0.19 0.00	29.57 -0.33 0.00	31.71 -0.48 0.00	35.71 -0.25 0.00	36.48 0.47 0.00	39.29 0.81 0.00	39.67 0.70 0.00	41.91 1.02 0.00	46.12 1.52 0.00	51.70 1.60 0.00	54.84 1.55 0.00	59.88 1.80 0.00	53.74 1.46 0.00	47.87 0.89 0.00	44.11 0.69 0.00	40.55 1.03 0.00	35.92 0.70 0.00	32.10 0.60 0.00
STA_82____115KV_TB1 80780	31.06 -0.44 0.00	28.02 -0.48 0.00	27.08 -0.58 0.00	25.50 -0.65 0.00	25.12 -0.57 0.00	26.70 -0.57 0.00	27.06 -0.36 0.00	29.39 -0.51 0.00	31.49 -0.71 0.00	35.42 -0.54 0.00	36.15 0.14 0.00	38.94 0.46 0.00	39.32 0.35 0.00	41.50 0.61 0.00	45.68 1.07 0.00	51.20 1.10 0.00	54.25 0.96 0.00	59.30 1.22 0.00	53.17 0.89 0.00	47.40 0.42 0.00	43.72 0.30 0.00	40.19 0.67 0.00	35.64 0.42 0.00	31.82 0.32 0.00
STEEL____WIND 323596	30.90 -0.60 0.00	27.94 -0.57 0.00	26.97 -0.69 0.00	25.37 -0.78 0.00	24.91 -0.77 0.00	26.61 -0.65 0.00	26.98 -0.44 0.00	29.03 -0.87 0.00	31.07 -1.13 0.00	35.13 -0.83 0.00	36.26 0.25 0.00	39.29 0.81 0.00	39.63 0.66 0.00	41.86 0.98 0.00	46.30 1.69 0.00	51.90 1.80 0.00	54.68 1.38 0.00	59.82 1.74 0.00	53.43 1.15 0.00	47.35 0.37 0.00	43.55 0.13 0.00	40.23 0.71 0.00	35.64 0.42 0.00	31.91 0.41 0.00
STEPHTWN_115KV_BK_2 55603	32.89 1.39 0.00	29.73 1.23 0.00	28.79 1.13 0.00	27.25 1.10 0.00	26.69 1.00 0.00	28.36 1.09 0.00	28.49 1.07 0.00	31.15 1.26 0.00	33.61 1.42 0.00	37.58 1.62 0.00	37.41 1.40 0.00	39.98 1.50 0.00	40.49 1.52 0.00	42.44 1.55 0.00	46.26 1.65 0.00	52.05 1.95 0.00	55.37 2.08 0.00	60.46 2.38 0.00	54.42 2.14 0.00	49.05 2.07 0.00	45.24 1.82 0.00	41.06 1.54 0.00	36.59 1.37 0.00	32.82 1.32 0.00
STEUBEN_REC_LFGE 323667	31.94 0.44 0.00	28.85 0.34 0.00	27.82 0.17 0.00	26.23 0.08 0.00	25.79 0.10 0.00	27.57 0.30 0.00	28.00 0.58 0.00	30.25 0.36 0.00	32.32 0.13 0.00	36.46 0.50 0.00	37.34 1.33 0.00	40.21 1.73 0.00	40.61 1.64 0.00	42.85 1.96 0.00	47.06 2.45 0.00	52.81 2.71 0.00	55.90 2.61 0.00	61.21 3.14 0.00	54.94 2.67 0.00	48.81 1.83 0.00	45.15 1.74 0.00	41.65 2.13 0.00	36.91 1.69 0.00	32.82 1.32 0.00
STILLWATER____SOLAR 323814	33.52 2.02 0.00	30.33 1.83 0.00	29.32 1.66 0.00	27.77 1.62 0.00	27.20 1.51 0.00	28.88 1.61 0.00	29.01 1.59 0.00	31.72 1.82 0.00	34.19 2.00 0.00	38.19 2.23 0.00	37.95 1.94 0.00	40.60 2.12 0.00	41.19 2.22 0.00	43.17 2.29 0.00	47.06 2.45 0.00	53.00 2.90 0.00	56.44 3.14 0.00	61.62 3.54 0.00	55.73 3.45 0.00	50.31 3.34 0.00	46.45 3.04 0.00	42.13 2.61 0.00	37.30 2.08 0.00	33.46 1.95 0.00
STONY____BROOK 24151	40.56 3.50 -5.56	39.76 3.08 -8.17	37.88 2.85 -7.37	35.50 2.69 -6.65	33.80 2.57 -5.54	37.77 2.89 -7.61	38.50 2.88 -8.21	39.55 3.41 -6.25	40.69 3.86 -4.64	42.21 4.31 -1.94	50.87 3.96 -10.90	154.42 4.27 -111.67	153.66 4.56 -110.14	162.65 4.33 -117.43	165.00 4.46 -115.93	169.47 4.66 -114.71	251.01 4.96 -192.76	358.60 5.00 -295.53	196.98 4.29 -140.42	164.46 3.71 -113.77	162.22 3.39 -115.42	154.17 3.88 -110.77	65.85 3.20 -27.42	38.86 3.18 -4.18
STURGEON_POOL_HYD 23609	33.74 2.24 0.00	30.53 2.02 0.00	29.51 1.85 0.00	27.85 1.70 0.00	27.28 1.59 0.00	29.10 1.83 0.00	29.15 1.73 0.00	31.87 1.97 0.00	34.55 2.35 0.00	38.62 2.66 0.00	38.75 2.74 0.00	41.21 2.73 0.00	42.01 3.04 0.00	44.03 3.15 0.00	47.86 3.26 0.00	53.56 3.46 0.00	56.92 3.62 0.00	61.79 3.72 0.00	55.52 3.24 0.00	49.75 2.77 0.00	45.98 2.56 0.00	41.93 2.41 0.00	37.26 2.04 0.00	33.42 1.92 0.00
ST_LAW_115_BK7_LBMP 345037	30.44 -1.07 -0.01	27.77 -0.97 -0.23	26.93 -0.89 -0.15	25.35 -0.81 -0.01	24.97 -0.72 0.00	26.48 -0.90 -0.11	26.74 -0.82 -0.14	29.34 -0.93 -0.38	31.76 -1.03 -0.60	35.65 -1.26 -0.95	35.58 -1.37 -0.94	36.99 -1.50 -0.01	38.58 -1.60 -1.21	40.34 -1.72 -1.17	42.74 -1.87 -0.01	50.48 -2.06 -2.43	53.65 -2.24 -2.59	55.81 -2.27 0.00	50.29 -1.99 0.00	45.43 -1.55 0.00	41.98 -1.43 0.00	38.10 -1.42 0.00	34.13 -1.09 0.00	30.43 -1.07 0.00
ST_LAW_115_BK8_LBMP 345038	30.44 -1.07 -0.01	27.77 -0.97 -0.23	26.93 -0.89 -0.15	25.35 -0.81 -0.01	24.97 -0.72 0.00	26.48 -0.90 -0.11	26.74 -0.82 -0.14	29.34 -0.93 -0.38	31.76 -1.03 -0.60	35.65 -1.26 -0.95	35.58 -1.37 -0.94	36.99 -1.50 -0.01	38.58 -1.60 -1.21	40.34 -1.72 -1.17	42.74 -1.87 -0.01	50.48 -2.06 -2.43	53.65 -2.24 -2.59	55.81 -2.27 0.00	50.29 -1.99 0.00	45.43 -1.55 0.00	41.98 -1.43 0.00	38.10 -1.42 0.00	34.13 -1.09 0.00	30.43 -1.07 0.00

ST_LAW_230_BK5_LBMP 345035	30.57 -0.94 -0.01	27.76 -0.88 -0.14	26.95 -0.80 -0.09	25.43 -0.73 -0.01	25.04 -0.64 0.00	26.52 -0.82 -0.07	26.77 -0.74 -0.09	29.29 -0.84 -0.23	31.62 -0.93 -0.36	35.38 -1.15 -0.57	35.36 -1.22 -0.57	37.14 -1.35 -0.01	38.26 -1.44 -0.73	40.04 -1.55 -0.71	42.92 -1.69 -0.01	49.72 -1.85 -1.48	52.84 -2.03 -1.57	55.99 -2.09 0.00	50.50 -1.78 0.00	45.57 -1.41 0.00	42.11 -1.30 0.00	38.22 -1.30 0.00	34.23 -0.99 0.00	30.53 -0.98 0.00
ST_LAW_230_BK6_LBMP 345036	30.57 -0.94 -0.01	27.76 -0.88 -0.14	26.95 -0.80 -0.09	25.43 -0.73 -0.01	25.04 -0.64 0.00	26.52 -0.82 -0.07	26.77 -0.74 -0.09	29.29 -0.84 -0.23	31.62 -0.93 -0.36	35.38 -1.15 -0.57	35.36 -1.22 -0.57	37.14 -1.35 -0.01	38.26 -1.44 -0.73	40.04 -1.55 -0.71	42.92 -1.69 -0.01	49.72 -1.85 -1.48	52.84 -2.03 -1.57	55.99 -2.09 0.00	50.50 -1.78 0.00	45.57 -1.41 0.00	42.11 -1.30 0.00	38.22 -1.30 0.00	34.23 -0.99 0.00	30.53 -0.98 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	33.49 1.98 0.00	30.28 1.77 0.00	29.29 1.63 0.00	27.64 1.49 0.00	27.07 1.39 0.00	28.88 1.61 0.00	28.98 1.56 0.00	31.72 1.82 0.00	34.32 2.12 0.00	38.40 2.45 0.00	38.50 2.48 0.00	41.02 2.54 0.00	41.70 2.73 0.00	43.70 2.82 0.00	47.50 2.90 0.00	53.26 3.16 0.00	56.60 3.30 0.00	61.50 3.43 0.00	55.26 2.98 0.00	49.52 2.54 0.00	45.76 2.34 0.00	41.69 2.17 0.00	37.12 1.90 0.00	33.27 1.76 0.00
SWANROAD_115KV_TB1 355699	30.05 -1.45 0.00	27.17 -1.34 0.00	26.19 -1.47 0.00	24.69 -1.46 0.00	24.30 -1.39 0.00	25.91 -1.36 0.00	26.21 -1.21 0.00	28.19 -1.70 0.00	30.14 -2.06 0.00	33.98 -1.98 0.00	35.11 -0.90 0.00	38.02 -0.46 0.00	38.31 -0.66 0.00	40.56 -0.33 0.00	44.74 0.13 0.00	50.05 -0.05 0.00	52.65 -0.64 0.00	57.67 -0.41 0.00	51.55 -0.73 0.00	45.62 -1.36 0.00	41.98 -1.43 0.00	39.00 -0.51 0.00	34.58 -0.63 0.00	30.97 -0.54 0.00
SYNERGY___BIOGAS 323694	31.28 -0.22 0.00	28.25 -0.26 0.00	27.24 -0.41 0.00	25.66 -0.50 0.00	25.25 -0.44 0.00	26.89 -0.38 0.00	27.28 -0.14 0.00	29.50 -0.39 0.00	31.55 -0.64 0.00	35.49 -0.47 0.00	36.55 0.54 0.00	39.56 1.08 0.00	39.90 0.93 0.00	42.19 1.31 0.00	46.70 2.10 0.00	52.25 2.15 0.00	55.27 1.97 0.00	60.57 2.50 0.00	54.26 1.99 0.00	48.20 1.22 0.00	44.37 0.95 0.00	40.86 1.34 0.00	36.17 0.95 0.00	32.35 0.85 0.00
SYRACUSE___ENERGY_ST1 323597	31.50 0.00 0.00	28.44 -0.03 0.04	27.55 -0.08 0.03	26.05 -0.10 0.00	25.56 -0.13 0.00	27.17 -0.08 0.02	27.40 0.00 0.02	29.83 0.00 0.06	32.03 -0.06 0.10	35.87 0.07 0.16	36.07 0.22 0.16	38.86 0.38 0.00	39.12 0.35 0.20	41.10 0.41 0.19	45.18 0.58 0.00	50.35 0.65 0.40	53.56 0.69 0.43	58.83 0.75 0.00	52.90 0.63 0.00	47.35 0.38 0.00	43.85 0.43 0.00	39.99 0.47 0.00	35.54 0.32 0.00	31.75 0.25 0.00
SYRACUSE___ENERGY_ST2 323598	31.50 0.00 0.00	28.44 -0.03 0.04	27.55 -0.08 0.03	26.05 -0.10 0.00	25.56 -0.13 0.00	27.17 -0.08 0.02	27.40 0.00 0.02	29.83 0.00 0.06	32.03 -0.06 0.10	35.87 0.07 0.16	36.07 0.22 0.16	38.86 0.38 0.00	39.12 0.35 0.20	41.10 0.41 0.19	45.18 0.58 0.00	50.35 0.65 0.40	53.56 0.69 0.43	58.83 0.75 0.00	52.90 0.63 0.00	47.35 0.38 0.00	43.85 0.43 0.00	39.99 0.47 0.00	35.54 0.32 0.00	31.75 0.25 0.00
SYRACUSE___POWER 24017	31.34 -0.16 0.00	28.30 -0.17 0.04	27.38 -0.25 0.03	25.92 -0.24 0.00	25.43 -0.26 0.00	27.03 -0.22 0.02	27.23 -0.16 0.03	29.68 -0.15 0.07	31.90 -0.19 0.11	35.65 -0.14 0.17	35.88 0.04 0.17	38.63 0.15 0.00	38.91 0.16 0.22	40.88 0.20 0.21	44.96 0.36 0.00	50.07 0.40 0.43	53.26 0.43 0.46	58.54 0.46 0.00	52.59 0.31 0.00	47.07 0.09 0.00	43.59 0.17 0.00	39.76 0.24 0.00	35.29 0.07 0.00	31.56 0.06 0.00
TALLMAN___138KV_BK151 55660	33.68 2.17 0.00	30.45 1.94 0.00	29.43 1.77 0.00	27.80 1.65 0.00	27.20 1.52 0.00	29.04 1.77 0.00	29.18 1.75 0.00	31.93 2.03 0.00	34.61 2.41 0.00	38.73 2.77 0.00	38.86 2.84 0.00	41.37 2.89 0.00	42.09 3.12 0.00	44.07 3.19 0.00	47.91 3.30 0.00	53.66 3.56 0.00	56.97 3.68 0.00	61.85 3.77 0.00	55.57 3.29 0.00	49.75 2.77 0.00	45.98 2.56 0.00	41.93 2.41 0.00	37.33 2.11 0.00	33.45 1.95 0.00
TEALLAVE_115KV_TB7 355573	31.34 -0.16 0.00	28.26 -0.20 0.05	27.38 -0.25 0.03	25.89 -0.26 0.00	25.43 -0.26 0.00	27.03 -0.22 0.02	27.23 -0.16 0.03	29.67 -0.15 0.08	31.85 -0.23 0.12	35.63 -0.14 0.19	35.86 0.04 0.19	38.63 0.15 0.00	38.84 0.12 0.24	40.85 0.20 0.24	44.92 0.31 0.00	49.96 0.35 0.49	53.15 0.37 0.52	58.48 0.41 0.00	52.54 0.26 0.00	47.07 0.09 0.00	43.55 0.13 0.00	39.72 0.20 0.00	35.29 0.07 0.00	31.56 0.06 0.00
TELGRAPH_34_KV_EAST 80808	30.75 -0.76 0.00	27.77 -0.74 0.00	26.80 -0.86 0.00	25.24 -0.92 0.00	24.84 -0.85 0.00	26.48 -0.79 0.00	26.84 -0.58 0.00	28.97 -0.93 0.00	30.97 -1.22 0.00	34.88 -1.08 0.00	35.97 -0.04 0.00	38.91 0.42 0.00	39.21 0.23 0.00	41.54 0.65 0.00	45.85 1.25 0.00	51.25 1.15 0.00	54.09 0.80 0.00	59.24 1.16 0.00	53.01 0.73 0.00	46.98 0.00 0.00	43.29 -0.13 0.00	40.11 0.59 0.00	35.50 0.28 0.00	31.75 0.25 0.00
TEMPLE___115KV_TB 2 55572	31.34 -0.16 0.00	28.29 -0.17 0.05	27.41 -0.22 0.03	25.92 -0.24 0.00	25.43 -0.26 0.00	27.03 -0.22 0.02	27.26 -0.14 0.03	29.67 -0.15 0.07	31.89 -0.19 0.12	35.63 -0.14 0.19	35.86 0.04 0.18	38.67 0.19 0.00	38.89 0.16 0.24	40.90 0.25 0.23	44.96 0.36 0.00	50.02 0.40 0.48	53.21 0.43 0.51	58.48 0.41 0.00	52.59 0.31 0.00	47.07 0.09 0.00	43.55 0.13 0.00	39.76 0.24 0.00	35.29 0.07 0.00	31.56 0.06 0.00
TIANA___69_KV_BK 1 55817	40.93 3.87 -5.55	40.06 3.39 -8.16	38.12 3.10 -7.36	35.70 2.90 -6.64	33.97 2.75 -5.54	38.01 3.14 -7.60	38.69 3.07 -8.20	39.81 3.68 -6.24	41.02 4.22 -4.61	42.43 4.78 -1.69	53.74 4.83 -12.91	131.11 5.31 -87.32	130.24 5.46 -85.82	137.74 5.36 -91.50	140.56 5.62 -90.34	145.59 6.11 -89.38	209.94 6.45 -150.20	295.09 6.74 -230.28	167.60 5.91 -109.41	140.70 5.07 -88.65	138.04 4.69 -89.93	131.04 4.82 -86.70	63.67 4.01 -24.44	39.21 3.81 -3.89
TILDEN___115KV_TB1 80814	31.34 -0.16 0.00	28.30 -0.17 0.04	27.38 -0.25 0.03	25.92 -0.24 0.00	25.43 -0.26 0.00	27.03 -0.22 0.02	27.23 -0.16 0.03	29.68 -0.15 0.07	31.90 -0.19 0.11	35.65 -0.14 0.17	35.88 0.04 0.17	38.63 0.15 0.00	38.91 0.16 0.22	40.88 0.20 0.21	44.96 0.36 0.00	50.07 0.40 0.43	53.26 0.43 0.46	58.54 0.46 0.00	52.59 0.31 0.00	47.07 0.09 0.00	43.59 0.17 0.00	39.76 0.24 0.00	35.29 0.07 0.00	31.56 0.06 0.00
TRIGEN___CC 323695	40.05 2.99 -5.55	39.29 2.62 -8.16	37.43 2.41 -7.36	35.02 2.22 -6.64	33.30 2.08 -5.54	37.27 2.40 -7.60	38.00 2.39 -8.20	38.94 2.81 -6.24	40.01 3.28 -4.53	40.47 3.70 -0.80	39.76 3.75 0.00	43.76 3.89 -1.39	43.06 4.09 0.00	44.89 4.01 0.00	48.75 4.15 0.00	54.46 4.36 0.00	57.82 4.53 0.00	62.72 4.65 0.00	56.30 4.03 0.00	50.46 3.48 0.00	46.63 3.21 0.00	42.80 3.28 0.00	38.11 2.89 0.00	36.22 2.77 -1.95

TRINITY__115KV__4 BK 55933	32.54 1.04 0.00	29.45 0.94 0.00	28.54 0.89 0.00	27.02 0.86 0.00	26.48 0.80 0.00	28.11 0.85 0.00	28.22 0.80 0.00	30.85 0.96 0.00	33.29 1.09 0.00	37.18 1.22 0.00	37.05 1.04 0.00	39.56 1.08 0.00	40.06 1.09 0.00	41.99 1.10 0.00	45.76 1.16 0.00	51.40 1.30 0.00	54.73 1.44 0.00	59.64 1.57 0.00	53.69 1.41 0.00	48.34 1.36 0.00	44.63 1.22 0.00	40.55 1.03 0.00	36.10 0.88 0.00	32.38 0.88 0.00
UNION__PROCESSING_DRP 323587	31.06 -0.44 0.00	28.05 -0.46 0.00	27.08 -0.58 0.00	25.53 -0.63 0.00	25.12 -0.57 0.00	26.72 -0.55 0.00	27.06 -0.36 0.00	29.39 -0.51 0.00	31.49 -0.71 0.00	35.42 -0.54 0.00	36.19 0.18 0.00	38.94 0.46 0.00	39.32 0.35 0.00	41.50 0.61 0.00	45.68 1.07 0.00	51.20 1.10 0.00	54.25 0.96 0.00	59.30 1.22 0.00	53.17 0.89 0.00	47.45 0.47 0.00	43.72 0.30 0.00	40.19 0.67 0.00	35.64 0.42 0.00	31.82 0.32 0.00
UPPER HUDSON__HYD 24058	33.39 1.89 0.00	30.19 1.68 0.00	29.15 1.49 0.00	27.64 1.49 0.00	27.04 1.36 0.00	28.69 1.42 0.00	28.90 1.48 0.00	31.63 1.73 0.00	34.10 1.90 0.00	38.12 2.16 0.00	37.63 1.62 0.00	40.37 1.89 0.00	40.84 1.87 0.00	42.72 1.84 0.00	46.61 2.01 0.00	52.50 2.40 0.00	55.90 2.61 0.00	61.21 3.13 0.00	55.78 3.50 0.00	50.45 3.48 0.00	46.63 3.21 0.00	42.24 2.72 0.00	37.33 2.11 0.00	33.42 1.92 0.00
UPPER RAQUET__HYD 24056	29.47 -1.95 0.08	25.14 -1.74 1.62	24.89 -1.69 1.08	24.53 -1.54 0.08	24.40 -1.28 0.00	24.82 -1.64 0.81	24.92 -1.51 0.99	25.53 -1.70 2.66	26.10 -1.87 4.23	26.96 -2.30 6.70	26.91 -2.45 6.66	35.71 -2.69 0.08	27.56 -2.84 8.57	29.54 -3.07 8.28	41.22 -3.30 0.08	29.18 -3.71 17.21	31.07 -3.89 18.33	54.12 -3.95 0.00	48.88 -3.40 0.00	44.39 -2.58 0.00	41.07 -2.35 0.00	37.19 -2.33 0.00	33.25 -1.97 0.00	29.58 -1.92 0.00
VALLEY44_115KV_TB2 355964	30.75 -0.76 0.00	27.80 -0.71 0.00	26.80 -0.86 0.00	25.24 -0.92 0.00	24.81 -0.87 0.00	26.59 -0.68 0.00	26.98 -0.44 0.00	28.91 -0.99 0.00	30.97 -1.22 0.00	34.99 -0.97 0.00	36.01 0.00 0.00	38.91 0.42 0.00	39.24 0.27 0.00	41.54 0.65 0.00	45.50 0.89 0.00	51.10 1.00 0.00	53.99 0.69 0.00	59.01 0.93 0.00	52.85 0.58 0.00	46.65 -0.33 0.00	42.89 -0.52 0.00	39.99 0.47 0.00	35.36 0.14 0.00	31.63 0.13 0.00
VALLEY__115KV_TB 1-4 80826	32.60 1.10 0.00	29.47 1.00 0.04	28.58 0.94 0.02	27.01 0.86 0.00	26.53 0.85 0.00	28.20 0.95 0.02	28.39 0.99 0.02	30.88 1.05 0.06	33.26 1.16 0.10	37.14 1.33 0.15	37.19 1.33 0.15	39.98 1.50 0.00	40.34 1.56 0.19	42.33 1.64 0.19	46.43 1.83 0.00	51.72 2.00 0.39	55.07 2.19 0.41	60.46 2.38 0.00	54.37 2.09 0.00	48.86 1.88 0.00	45.15 1.74 0.00	41.18 1.66 0.00	36.59 1.37 0.00	32.70 1.20 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	33.27 1.76 0.00	30.13 1.62 0.00	29.21 1.55 0.00	27.59 1.44 0.00	27.07 1.39 0.00	28.85 1.58 0.00	29.01 1.59 0.00	31.57 1.67 0.00	33.97 1.77 0.00	38.01 2.05 0.00	38.06 2.05 0.00	40.79 2.31 0.00	41.35 2.38 0.00	43.42 2.53 0.00	47.33 2.72 0.00	53.11 3.01 0.00	56.49 3.20 0.00	61.62 3.54 0.00	55.47 3.19 0.00	49.89 2.91 0.00	46.11 2.69 0.00	42.09 2.57 0.00	37.30 2.08 0.00	33.30 1.80 0.00
VISCHER__FERRY HYD 24020	33.08 1.57 0.00	29.93 1.42 0.00	28.99 1.33 0.00	27.46 1.31 0.00	26.92 1.23 0.00	28.55 1.28 0.00	28.68 1.26 0.00	31.36 1.46 0.00	33.81 1.61 0.00	37.76 1.80 0.00	37.56 1.55 0.00	40.10 1.62 0.00	40.68 1.71 0.00	42.68 1.80 0.00	46.52 1.92 0.00	52.36 2.26 0.00	55.80 2.51 0.00	60.81 2.73 0.00	54.84 2.56 0.00	49.33 2.35 0.00	45.59 2.17 0.00	41.38 1.86 0.00	36.66 1.44 0.00	32.92 1.42 0.00
V_A_10_SYNC_DSASP 323832	30.37 -1.13 0.00	27.48 -1.03 0.00	26.55 -1.11 0.00	25.00 -1.15 0.00	24.58 -1.10 0.00	26.18 -1.09 0.00	26.54 -0.88 0.00	28.64 -1.25 0.00	30.65 -1.54 0.00	34.56 -1.40 0.00	35.54 -0.47 0.00	38.44 -0.04 0.00	38.70 -0.27 0.00	40.80 -0.08 0.00	45.05 0.45 0.00	50.45 0.35 0.00	53.29 0.00 0.00	58.31 0.23 0.00	52.12 -0.16 0.00	46.42 -0.56 0.00	42.72 -0.70 0.00	39.36 -0.16 0.00	34.97 -0.24 0.00	31.22 -0.28 0.00
V_CMM_10_SYNC_DSASP 323787	30.57 -0.94 -0.01	27.88 -0.85 -0.23	27.04 -0.77 -0.15	25.46 -0.70 -0.01	25.07 -0.62 0.00	26.59 -0.79 -0.11	26.88 -0.68 -0.14	29.46 -0.81 -0.38	31.93 -0.87 -0.60	35.79 -1.12 -0.95	35.73 -1.22 -0.94	37.15 -1.35 -0.01	38.74 -1.44 -1.21	40.50 -1.55 -1.17	42.92 -1.69 -0.01	50.68 -1.85 -2.43	53.91 -1.97 -2.59	56.04 -2.03 0.00	50.55 -1.72 0.00	45.66 -1.32 0.00	42.20 -1.22 0.00	38.25 -1.27 0.00	34.27 -0.95 0.00	30.56 -0.94 0.00
V_CMP_10_SYNC_DSASP 323788	31.66 0.16 0.01	28.52 0.14 0.13	27.65 0.08 0.09	26.20 0.05 0.01	25.68 0.00 0.00	27.12 -0.08 0.07	27.42 0.08 0.08	29.86 0.18 0.22	31.98 0.13 0.34	35.27 -0.14 0.55	35.43 -0.04 0.54	38.55 0.08 0.01	37.34 -0.94 0.70	39.19 -1.02 0.67	43.71 -0.89 0.01	47.74 -0.95 1.40	50.04 -1.76 1.49	56.68 -1.39 0.00	51.39 -0.89 0.00	47.40 0.42 0.00	43.59 0.17 0.00	39.12 -0.40 0.00	35.71 0.49 0.00	31.69 0.19 0.00
V_D_10_SYNC_DSASP 323841	30.45 -1.07 -0.02	27.91 -0.97 -0.37	27.02 -0.89 -0.25	25.39 -0.78 -0.02	25.09 -0.59 0.00	26.58 -0.87 -0.18	26.85 -0.80 -0.23	29.60 -0.90 -0.61	32.13 -1.03 -0.96	36.19 -1.29 -1.53	36.12 -1.40 -1.52	36.96 -1.54 -0.02	39.29 -1.64 -1.95	40.97 -1.80 -1.88	42.71 -1.92 -0.02	51.87 -2.15 -3.92	55.23 -2.24 -4.17	55.81 -2.27 0.00	50.29 -1.99 0.00	45.52 -1.46 0.00	42.11 -1.30 0.00	38.13 -1.38 0.00	34.13 -1.09 0.00	30.43 -1.07 0.00
V_E_10_SYNC_DSASP 323830	34.24 2.74 0.00	31.02 2.51 0.00	29.90 2.24 0.00	28.22 2.07 0.00	27.79 2.11 0.00	29.67 2.40 0.00	30.05 2.63 0.00	32.49 2.60 0.00	34.71 2.51 0.00	38.84 2.88 0.00	38.93 2.92 0.00	41.98 3.50 0.00	42.52 3.55 0.00	44.72 3.84 0.00	49.02 4.42 0.00	55.06 4.96 0.00	58.78 5.49 0.00	64.58 6.50 0.00	58.34 6.06 0.00	52.52 5.54 0.00	48.71 5.29 0.00	44.50 4.98 0.00	39.20 3.98 0.00	34.78 3.28 0.00
V_F_30_NSYNC__DSASP 323816	33.55 2.05 0.00	30.36 1.85 0.00	29.37 1.72 0.00	27.80 1.65 0.00	27.22 1.54 0.00	28.90 1.64 0.00	29.07 1.65 0.00	31.78 1.88 0.00	34.26 2.06 0.00	38.26 2.30 0.00	38.03 2.02 0.00	40.71 2.23 0.00	41.27 2.30 0.00	43.25 2.37 0.00	47.15 2.54 0.00	53.11 3.01 0.00	56.54 3.25 0.00	61.80 3.72 0.00	55.88 3.60 0.00	50.41 3.43 0.00	46.54 3.13 0.00	42.21 2.69 0.00	37.40 2.18 0.00	33.52 2.02 0.00
V_F_30_SYNC_DSASP 323786	32.70 1.20 0.00	29.59 1.08 0.00	28.68 1.02 0.00	27.15 0.99 0.00	26.58 0.90 0.00	28.22 0.95 0.00	28.35 0.93 0.00	31.00 1.11 0.00	33.45 1.26 0.00	37.40 1.44 0.00	37.23 1.22 0.00	39.79 1.31 0.00	40.34 1.36 0.00	42.23 1.35 0.00	46.03 1.43 0.00	51.75 1.65 0.00	55.05 1.76 0.00	60.05 1.97 0.00	54.06 1.78 0.00	48.67 1.69 0.00	44.93 1.52 0.00	40.78 1.26 0.00	36.31 1.09 0.00	32.57 1.07 0.00

V_XM10_SYNC_DSASP 323789	31.66 0.16 0.01	28.52 0.14 0.13	27.65 0.08 0.09	26.20 0.05 0.01	25.68 0.00 0.00	27.12 -0.08 0.07	27.42 0.08 0.08	29.86 0.18 0.22	31.98 0.13 0.34	35.27 -0.14 0.55	35.43 -0.04 0.54	38.55 0.08 0.01	37.34 -0.94 0.70	39.19 -1.02 0.67	43.71 -0.89 0.01	47.74 -0.95 1.40	50.04 -1.76 1.49	56.68 -1.39 0.00	51.39 -0.89 0.00	47.40 0.42 0.00	43.59 0.17 0.00	39.12 -0.40 0.00	35.71 0.49 0.00	31.69 0.19 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	33.80 2.30 0.00	30.56 2.05 0.00	29.54 1.88 0.00	27.88 1.73 0.00	27.30 1.62 0.00	29.15 1.88 0.00	29.26 1.84 0.00	32.05 2.15 0.00	34.71 2.51 0.00	38.84 2.88 0.00	38.96 2.95 0.00	41.48 3.00 0.00	42.21 3.23 0.00	44.19 3.31 0.00	48.04 3.43 0.00	53.81 3.71 0.00	57.13 3.84 0.00	62.08 4.01 0.00	55.78 3.50 0.00	49.94 2.96 0.00	46.15 2.74 0.00	42.05 2.53 0.00	37.44 2.22 0.00	33.58 2.08 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	34.24 2.74 0.00	30.87 2.37 0.00	29.84 2.19 0.00	28.17 2.01 0.00	27.53 1.85 0.00	29.42 2.15 0.00	29.59 2.17 0.00	32.52 2.63 0.00	35.32 3.12 0.00	39.48 3.52 0.00	39.66 3.64 -0.02	42.18 3.69 0.00	42.95 3.98 0.00	44.89 4.01 0.00	48.66 4.06 0.00	54.41 4.31 0.00	57.66 4.37 0.00	62.49 4.41 0.00	56.09 3.82 0.00	50.36 3.38 0.00	46.54 3.13 0.00	42.44 2.92 0.00	37.89 2.68 0.00	33.99 2.49 0.00
W50THST__13_KV_LOAD 356117	34.47 2.96 0.00	31.07 2.57 0.00	30.01 2.35 0.00	28.32 2.17 0.00	27.69 2.00 0.00	29.61 2.35 0.00	29.78 2.36 0.00	32.76 2.87 0.00	35.58 3.38 0.00	39.81 3.85 0.00	39.99 3.96 -0.02	42.52 4.04 0.00	43.34 4.36 0.00	45.26 4.37 0.00	49.02 4.42 0.00	54.81 4.71 0.00	58.04 4.74 0.00	62.90 4.82 0.00	56.46 4.18 0.00	50.69 3.71 0.00	46.80 3.39 0.00	42.68 3.16 0.00	38.07 2.85 0.00	34.15 2.65 0.00
WADING RIVER_IC_1 23522	40.43 3.37 -5.56	39.62 2.94 -8.17	37.71 2.68 -7.37	35.34 2.54 -6.65	33.64 2.41 -5.54	37.61 2.73 -7.61	38.32 2.69 -8.21	39.37 3.23 -6.25	40.48 3.67 -4.62	41.78 4.13 -1.69	52.96 4.07 -12.88	129.85 4.31 -87.06	129.13 4.60 -85.56	136.56 4.46 -91.22	139.30 4.64 -90.06	144.12 4.91 -89.11	208.31 5.28 -149.74	293.05 5.40 -229.57	166.01 4.65 -109.08	139.34 3.99 -88.38	136.72 3.65 -89.66	130.00 4.03 -86.45	62.90 3.31 -24.37	38.61 3.21 -3.90
WADING RIVER_IC_2 23547	40.43 3.37 -5.56	39.62 2.94 -8.17	37.71 2.68 -7.37	35.34 2.54 -6.65	33.64 2.41 -5.54	37.61 2.73 -7.61	38.32 2.69 -8.21	39.37 3.23 -6.25	40.48 3.67 -4.62	41.78 4.13 -1.69	52.96 4.07 -12.88	129.85 4.31 -87.06	129.13 4.60 -85.56	136.56 4.46 -91.22	139.30 4.64 -90.06	144.12 4.91 -89.11	208.31 5.28 -149.74	293.05 5.40 -229.57	166.01 4.65 -109.08	139.34 3.99 -88.38	136.72 3.65 -89.66	130.00 4.03 -86.45	62.90 3.31 -24.37	38.61 3.21 -3.90
WADING RIVER_IC_3 23601	40.43 3.37 -5.56	39.62 2.94 -8.17	37.71 2.68 -7.37	35.34 2.54 -6.65	33.64 2.41 -5.54	37.61 2.73 -7.61	38.32 2.69 -8.21	39.37 3.23 -6.25	40.48 3.67 -4.62	41.78 4.13 -1.69	52.96 4.07 -12.88	129.85 4.31 -87.06	129.13 4.60 -85.56	136.56 4.46 -91.22	139.30 4.64 -90.06	144.12 4.91 -89.11	208.31 5.28 -149.74	293.05 5.40 -229.57	166.01 4.65 -109.08	139.34 3.99 -88.38	136.72 3.65 -89.66	130.00 4.03 -86.45	62.90 3.31 -24.37	38.61 3.21 -3.90
WALDENNY_12_KV_BK2 80841	30.91 -0.60 0.00	27.91 -0.60 0.00	26.94 -0.72 0.00	25.34 -0.81 0.00	24.91 -0.77 0.00	26.61 -0.65 0.00	26.98 -0.44 0.00	29.06 -0.84 0.00	31.10 -1.09 0.00	35.17 -0.79 0.00	36.33 0.32 0.00	39.29 0.81 0.00	39.63 0.66 0.00	41.99 1.10 0.00	46.30 1.69 0.00	51.80 1.70 0.00	54.52 1.23 0.00	59.64 1.57 0.00	53.27 0.99 0.00	47.21 0.23 0.00	43.46 0.04 0.00	40.31 0.79 0.00	35.68 0.46 0.00	31.91 0.41 0.00
WALDEN__HYDRO 24148	33.71 2.21 0.00	30.50 2.00 0.00	29.48 1.83 0.00	27.80 1.65 0.00	27.23 1.54 0.00	29.07 1.80 0.00	29.15 1.73 0.00	31.87 1.97 0.00	34.51 2.32 0.00	38.58 2.63 0.00	38.68 2.66 0.00	41.21 2.73 0.00	41.93 2.96 0.00	43.95 3.07 0.00	47.77 3.17 0.00	53.51 3.41 0.00	56.86 3.57 0.00	61.85 3.77 0.00	55.57 3.29 0.00	49.84 2.87 0.00	46.06 2.65 0.00	41.97 2.45 0.00	37.33 2.11 0.00	33.45 1.95 0.00
WARRENSBURG____ 23737	33.39 1.89 0.00	30.19 1.68 0.00	29.15 1.49 0.00	27.64 1.49 0.00	27.04 1.36 0.00	28.69 1.42 0.00	28.90 1.48 0.00	31.63 1.73 0.00	34.10 1.90 0.00	38.12 2.16 0.00	37.63 1.62 0.00	40.37 1.89 0.00	40.84 1.87 0.00	42.72 1.84 0.00	46.61 2.01 0.00	52.50 2.40 0.00	55.90 2.61 0.00	61.21 3.13 0.00	55.78 3.50 0.00	50.45 3.48 0.00	46.63 3.21 0.00	42.24 2.72 0.00	37.33 2.11 0.00	33.42 1.92 0.00
WATERSIDE____6 8 9 23538	34.38 2.87 -0.01	31.00 2.48 -0.01	29.93 2.27 0.00	28.22 2.07 0.00	27.56 1.87 0.00	29.45 2.18 0.00	29.59 2.17 0.00	32.52 2.63 0.00	35.38 3.19 0.00	41.20 3.63 -1.61	39.78 3.75 -0.02	42.25 3.77 0.00	43.02 4.05 0.01	44.96 4.09 0.01	48.75 4.15 0.01	54.30 4.21 0.01	57.44 4.16 0.01	62.25 4.18 0.01	55.88 3.61 0.01	50.21 3.24 0.01	46.49 3.08 0.01	42.59 3.08 0.01	37.51 2.85 0.57	32.61 2.68 1.57
WATKINRD_115KV_LN8_ILLION 55919	32.32 0.82 0.00	29.24 0.77 0.04	28.35 0.72 0.02	26.80 0.65 0.00	26.33 0.64 0.00	27.99 0.74 0.02	28.14 0.74 0.02	30.61 0.78 0.06	32.94 0.84 0.10	36.78 0.97 0.15	36.83 0.97 0.15	39.56 1.08 0.00	39.91 1.13 0.19	41.88 1.19 0.19	45.90 1.29 0.00	51.17 1.45 0.39	54.43 1.55 0.41	59.82 1.74 0.00	53.79 1.52 0.00	48.39 1.41 0.00	44.72 1.30 0.00	40.70 1.19 0.00	36.20 0.99 0.00	32.38 0.88 0.00
WATSON__69_KV_BK 1 55734	40.96 3.91 -5.55	40.12 3.45 -8.16	38.23 3.21 -7.36	35.78 2.98 -6.64	34.07 2.85 -5.54	38.09 3.22 -7.60	38.80 3.18 -8.20	39.87 3.74 -6.24	40.92 4.15 -4.57	41.88 4.67 -1.25	64.29 4.68 -23.60	88.12 4.96 -44.68	87.31 5.11 -43.23	91.93 4.95 -46.10	95.29 5.17 -45.51	100.74 5.61 -45.03	134.82 5.86 -75.67	180.24 6.16 -116.01	112.73 5.33 -55.12	96.19 4.56 -44.66	92.93 4.21 -45.31	87.55 4.39 -43.64	63.30 3.87 -24.21	38.98 3.72 -3.76
WDELAWARE__HYD 323627	32.98 1.48 0.00	29.82 1.31 0.00	28.82 1.16 0.00	27.17 1.02 0.00	26.63 0.95 0.00	28.41 1.15 0.00	28.46 1.04 0.00	31.06 1.16 0.00	33.65 1.45 0.00	37.58 1.62 0.00	37.67 1.66 0.00	40.10 1.62 0.00	40.88 1.91 0.00	42.89 2.00 0.00	46.61 2.01 0.00	52.25 2.15 0.00	55.69 2.40 0.00	60.63 2.55 0.00	54.58 2.30 0.00	48.95 1.97 0.00	45.20 1.78 0.00	41.18 1.66 0.00	36.56 1.34 0.00	32.73 1.23 0.00
WEST BABYLON__IC 23714	40.71 3.65 -5.55	39.89 3.22 -8.16	38.01 2.99 -7.36	35.57 2.77 -6.64	33.84 2.62 -5.54	37.84 2.97 -7.60	38.58 2.96 -8.20	39.60 3.47 -6.24	40.63 3.90 -4.54	41.26 4.39 -0.91	50.76 4.39 -10.35	55.04 4.62 -11.94	54.30 4.79 -10.54	56.78 4.66 -11.23	60.51 4.82 -11.09	66.28 5.21 -10.97	77.17 5.44 -18.44	92.04 5.69 -28.27	70.62 4.91 -13.43	62.09 4.23 -10.88	58.36 3.91 -11.04	54.24 4.07 -10.65	47.91 3.59 -9.10	37.65 3.53 -2.62

WEST CANADA___HYD 24049	31.85 0.35 0.00	28.79 0.31 0.04	27.94 0.30 0.02	26.44 0.29 0.00	25.94 0.26 0.00	27.55 0.30 0.02	27.67 0.27 0.02	30.13 0.30 0.06	32.42 0.32 0.10	36.20 0.40 0.15	36.26 0.40 0.15	38.90 0.42 0.00	39.21 0.43 0.19	41.19 0.49 0.19	45.09 0.49 0.00	50.26 0.55 0.39	53.47 0.59 0.41	58.72 0.64 0.00	52.85 0.58 0.00	47.45 0.47 0.00	43.85 0.43 0.00	39.95 0.44 0.00	35.57 0.35 0.00	31.82 0.31 0.00
WESTERN_NY_WIND 24143	31.22 -0.28 0.00	28.17 -0.34 0.00	27.16 -0.50 0.00	25.58 -0.58 0.00	25.20 -0.49 0.00	26.83 -0.44 0.00	27.23 -0.19 0.00	29.48 -0.42 0.00	31.49 -0.71 0.00	35.42 -0.54 0.00	36.48 0.47 0.00	39.41 0.92 0.00	39.75 0.78 0.00	42.11 1.23 0.00	46.52 1.92 0.00	52.00 1.90 0.00	54.94 1.65 0.00	60.28 2.21 0.00	54.00 1.73 0.00	47.97 0.99 0.00	44.15 0.74 0.00	40.86 1.34 0.00	36.10 0.88 0.00	32.29 0.79 0.00
WESTOVER___LESR 323668	31.91 0.41 0.00	28.85 0.34 0.00	27.94 0.28 0.00	26.36 0.21 0.00	25.89 0.21 0.00	27.60 0.33 0.00	27.80 0.38 0.00	30.22 0.33 0.00	32.45 0.26 0.00	36.43 0.47 0.00	36.80 0.79 0.00	39.48 1.00 0.00	39.95 0.97 0.00	42.03 1.14 0.00	45.99 1.38 0.00	51.70 1.60 0.00	54.94 1.65 0.00	59.88 1.80 0.00	53.85 1.57 0.00	48.06 1.08 0.00	44.46 1.04 0.00	40.66 1.15 0.00	36.06 0.85 0.00	32.19 0.69 0.00
WETHRSFD_WT_PWR 323626	30.97 -0.54 0.00	28.02 -0.48 0.00	27.08 -0.58 0.00	25.50 -0.65 0.00	25.04 -0.64 0.00	26.75 -0.52 0.00	27.12 -0.30 0.00	29.24 -0.66 0.00	31.29 -0.90 0.00	35.31 -0.65 0.00	36.26 0.25 0.00	39.25 0.77 0.00	39.59 0.62 0.00	41.74 0.86 0.00	46.07 1.47 0.00	51.65 1.55 0.00	54.57 1.28 0.00	59.70 1.62 0.00	53.43 1.15 0.00	47.40 0.42 0.00	43.68 0.26 0.00	40.23 0.71 0.00	35.71 0.49 0.00	31.88 0.38 0.00
WHAVSTOR_138KV_BK127 55557	33.61 2.11 0.00	30.42 1.91 0.00	29.40 1.74 0.00	27.77 1.62 0.00	27.20 1.52 0.00	29.01 1.75 0.00	29.15 1.73 0.00	31.90 2.00 0.00	34.55 2.35 0.00	38.66 2.70 0.00	38.75 2.74 0.00	41.29 2.81 0.00	42.01 3.04 0.00	43.95 3.07 0.00	47.77 3.17 0.00	53.51 3.41 0.00	56.81 3.52 0.00	61.68 3.60 0.00	55.41 3.14 0.00	49.66 2.68 0.00	45.89 2.47 0.00	41.85 2.33 0.00	37.26 2.04 0.00	33.42 1.92 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	33.61 2.11 0.00	30.42 1.91 0.00	29.40 1.74 0.00	27.77 1.62 0.00	27.20 1.52 0.00	29.01 1.75 0.00	29.15 1.73 0.00	31.90 2.00 0.00	34.55 2.35 0.00	38.66 2.70 0.00	38.75 2.74 0.00	41.29 2.81 0.00	42.01 3.04 0.00	43.95 3.07 0.00	47.77 3.17 0.00	53.51 3.41 0.00	56.81 3.52 0.00	61.68 3.60 0.00	55.41 3.14 0.00	49.66 2.68 0.00	45.89 2.47 0.00	41.85 2.33 0.00	37.26 2.04 0.00	33.42 1.92 0.00
WHITEHAL_115KV_TB1 80871	34.06 2.55 0.00	30.76 2.25 0.00	29.65 1.99 0.00	28.09 1.94 0.00	27.46 1.77 0.00	29.18 1.91 0.00	29.45 2.03 0.00	32.23 2.33 0.00	34.74 2.54 0.00	38.80 2.84 0.00	38.32 2.30 0.00	41.18 2.69 0.00	41.78 2.81 0.00	43.54 2.66 0.00	47.55 2.94 0.00	53.61 3.51 0.00	57.02 3.73 0.00	62.72 4.65 0.00	57.14 4.86 0.00	51.82 4.84 0.00	47.80 4.38 0.00	43.27 3.75 0.00	38.21 2.99 0.00	34.12 2.61 0.00
WHITEPLN_13_KV_LOAD 356215	34.37 2.87 0.00	30.99 2.48 0.00	29.98 2.32 0.00	28.27 2.12 0.00	27.66 1.98 0.00	29.59 2.32 0.00	29.72 2.30 0.00	32.70 2.81 0.00	35.48 3.28 0.00	39.74 3.78 0.00	39.90 3.89 0.00	42.48 4.00 0.00	43.26 4.29 0.00	45.26 4.37 0.00	49.20 4.59 0.00	55.01 4.91 0.00	58.41 5.12 0.00	63.36 5.28 0.00	56.88 4.60 0.00	51.02 4.04 0.00	47.15 3.73 0.00	42.96 3.44 0.00	38.25 3.03 0.00	34.27 2.77 0.00
WM_FLOYD_69_KV_BK2 356380	40.71 3.65 -5.55	39.89 3.22 -8.16	37.98 2.96 -7.36	35.59 2.80 -6.64	33.87 2.65 -5.54	37.90 3.03 -7.60	38.61 2.99 -8.20	39.66 3.53 -6.24	40.77 3.96 -4.61	42.08 4.42 -1.70	53.42 4.39 -13.02	132.03 4.77 -88.77	131.19 4.95 -87.27	138.72 4.78 -93.05	141.42 4.95 -91.86	146.31 5.31 -90.90	211.63 5.60 -152.74	298.12 5.87 -234.18	168.67 5.12 -111.27	141.54 4.42 -90.15	138.95 4.08 -91.46	131.93 4.31 -88.10	63.62 3.63 -24.77	38.89 3.47 -3.92
WOODARD__115KV_TB2 355635	31.28 -0.22 0.00	28.24 -0.23 0.04	27.35 -0.28 0.03	25.89 -0.26 0.00	25.40 -0.28 0.00	27.00 -0.25 0.02	27.20 -0.19 0.03	29.61 -0.21 0.07	31.83 -0.26 0.11	35.60 -0.18 0.18	35.80 -0.04 0.18	38.56 0.08 0.00	38.82 0.08 0.23	40.78 0.12 0.22	44.83 0.22 0.00	49.89 0.25 0.46	53.07 0.27 0.49	58.37 0.29 0.00	52.49 0.21 0.00	46.98 0.00 0.00	43.50 0.09 0.00	39.68 0.16 0.00	35.25 0.04 0.00	31.50 0.00 0.00
YORK___WARBASSE 23770	34.60 3.09 -0.01	31.20 2.68 -0.01	30.10 2.43 -0.01	28.38 2.22 -0.01	27.75 2.05 -0.01	29.65 2.37 -0.01	29.72 2.30 0.00	32.64 2.75 0.00	35.58 3.38 0.00	42.34 3.85 -2.53	52.50 4.00 -12.49	42.52 4.04 0.00	73.27 4.33 -29.97	72.05 4.42 -26.75	69.96 4.51 -20.84	81.37 4.61 -26.66	119.67 4.58 -61.79	70.14 4.65 -7.42	73.78 3.97 -17.53	69.98 3.62 -19.38	46.90 3.43 -0.06	42.93 3.36 -0.06	42.37 3.13 -4.02	45.41 2.87 -11.04