

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/23/2024

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	32.57	30.10	27.42	25.37	25.30	26.06	28.18	31.30	33.70	35.02	37.19	39.16	39.62	41.85	43.52	47.71	54.79	64.72	56.72	51.38	45.35	42.00	37.40	33.92
24138	2.07	1.75	1.64	1.48	1.47	1.75	2.09	2.50	2.92	3.07	3.10	3.23	3.37	3.56	3.81	4.53	5.39	6.31	5.25	4.37	3.32	3.11	2.51	2.46
	-3.57	-4.72	-3.32	-3.08	-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
74TH STREET_GT_1	32.60	30.17	27.46	25.41	25.36	26.23	28.34	31.33	33.66	35.02	37.22	39.23	39.55	41.78	43.48	47.62	54.69	64.66	56.72	51.38	45.48	41.85	37.54	34.01
24260	2.10	1.82	1.68	1.52	1.54	1.92	2.24	2.53	2.89	3.07	3.14	3.30	3.30	3.48	3.77	4.45	5.29	6.25	5.25	4.37	3.45	2.96	2.65	2.55
	-3.57	-4.72	-3.32	-3.08	-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
74TH STREET_GT_2	32.60	30.17	27.46	25.41	25.36	26.23	28.34	31.33	33.66	35.02	37.22	39.23	39.55	41.78	43.48	47.62	54.69	64.66	56.72	51.38	45.48	41.85	37.54	34.01
24261	2.10	1.82	1.68	1.52	1.54	1.92	2.24	2.53	2.89	3.07	3.14	3.30	3.30	3.48	3.77	4.45	5.29	6.25	5.25	4.37	3.45	2.96	2.65	2.55
	-3.57	-4.72	-3.32	-3.08	-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
ADK HUDSON___FALLS	30.19	27.05	25.24	23.37	23.52	26.01	27.92	30.69	33.02	34.28	36.27	38.29	38.61	40.44	41.86	45.68	52.47	62.61	55.79	51.00	46.11	42.35	37.58	33.70
24011	1.97	1.70	1.57	1.44	1.47	1.70	1.83	1.90	2.25	2.33	2.18	2.37	2.36	2.14	2.14	2.50	3.06	4.21	4.32	4.00	4.08	3.46	2.69	2.23
	-1.29	-1.71	-1.20	-1.12	-1.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	30.35	27.16	25.28	23.45	23.60	26.03	28.03	30.84	33.20	34.47	36.47	38.51	38.83	40.63	42.05	45.85	52.72	62.97	56.20	51.38	46.49	42.78	37.82	33.88
23798	2.13	1.82	1.62	1.52	1.56	1.73	1.93	2.04	2.43	2.52	2.39	2.59	2.57	2.34	2.34	2.68	3.31	4.56	4.73	4.37	4.45	3.89	2.93	2.42
	-1.29	-1.70	-1.20	-1.11	-1.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	30.19	27.05	25.24	23.37	23.52	26.01	27.92	30.69	33.02	34.28	36.27	38.29	38.61	40.44	41.86	45.68	52.47	62.61	55.79	51.00	46.11	42.35	37.58	33.70
24028	1.97	1.70	1.57	1.44	1.47	1.70	1.83	1.90	2.25	2.33	2.18	2.37	2.36	2.14	2.14	2.50	3.06	4.21	4.32	4.00	4.08	3.46	2.69	2.23
	-1.29	-1.71	-1.20	-1.12	-1.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	29.82	26.80	25.04	23.23	23.33	25.47	27.35	30.29	32.46	33.77	35.86	37.75	38.14	40.21	41.62	45.33	52.27	61.68	54.55	49.78	44.43	41.11	36.50	33.00
23527	1.37	1.16	1.17	1.10	1.11	1.17	1.25	1.50	1.69	1.82	1.77	1.83	1.88	1.91	1.91	2.16	2.86	3.27	3.09	2.77	2.39	2.22	1.61	1.54
	-1.51	-2.00	-1.41	-1.31	-1.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	28.74	25.87	24.13	22.38	22.49	24.74	26.54	29.22	31.32	32.53	34.60	36.50	36.80	38.83	40.31	43.95	50.44	59.69	52.65	48.04	42.92	39.59	35.34	31.87
24190	0.43	0.40	0.38	0.37	0.38	0.44	0.44	0.43	0.55	0.58	0.51	0.57	0.54	0.54	0.60	0.78	1.04	1.28	1.18	1.03	0.88	0.70	0.45	0.41
	-1.38	-1.83	-1.28	-1.19	-1.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	26.37	23.17	22.04	20.42	20.63	23.87	25.70	28.33	30.25	31.22	33.30	35.10	35.38	37.26	38.52	41.84	47.76	56.13	49.40	45.22	40.65	37.80	34.09	30.86
355683	-0.57	-0.47	-0.43	-0.40	-0.40	-0.44	-0.39	-0.46	-0.52	-0.73	-0.78	-0.83	-0.87	-1.03	-1.19	-1.34	-1.93	-2.28	-2.06	-1.79	-1.39	-1.09	-0.80	-0.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.28	0.00	0.01	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	29.44	26.52	24.72	22.91	23.03	25.21	27.01	29.74	31.73	32.84	34.87	36.71	37.05	39.10	40.55	44.26	50.94	60.51	53.53	48.93	43.80	40.52	36.11	32.53
323833	1.02	0.92	0.88	0.81	0.84	0.90	0.91	0.95	0.95	0.89	0.78	0.79	0.80	0.81	0.84	1.08	1.53	2.10	2.06	1.93	1.77	1.63	1.22	1.07
	-1.48	-1.96	-1.38	-1.28	-1.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	29.44	26.52	24.72	22.91	23.03	25.18	27.01	29.74	31.73	32.84	34.87	36.71	37.05	39.10	40.55	44.26	50.94	60.51	53.53	48.93	43.80	40.49	36.08	32.53
323834	1.02	0.92	0.88	0.81	0.84	0.87	0.91	0.95	0.95	0.89	0.78	0.79	0.80	0.81	0.84	1.08	1.53	2.10	2.06	1.93	1.77	1.60	1.19	1.07
	-1.48	-1.96	-1.38	-1.28	-1.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	28.74	25.87	24.13	22.38	22.49	24.74	26.54	29.22	31.32	32.53	34.60	36.50	36.80	38.83	40.31	43.95	50.44	59.69	52.65	48.04	42.92	39.59	35.34	31.87
23571	0.43	0.40	0.38	0.37	0.38	0.44	0.44	0.43	0.55	0.58	0.51	0.57	0.54	0.54	0.60	0.78	1.04	1.28	1.18	1.03	0.88	0.70	0.45	0.41
	-1.38	-1.83	-1.28	-1.19	-1.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	28.74 0.43 -1.38	25.87 0.40 -1.83	24.13 0.38 -1.28	22.38 0.37 -1.19	22.49 0.38 -1.08	24.74 0.44 0.00	26.54 0.44 0.00	29.22 0.43 0.00	31.32 0.55 0.00	32.53 0.58 0.00	34.60 0.51 0.00	36.50 0.57 0.00	36.80 0.54 0.00	38.83 0.54 0.00	40.31 0.60 0.00	43.95 0.78 0.00	50.44 1.04 0.00	59.69 1.28 0.00	52.65 1.18 0.00	48.04 1.03 0.00	42.92 0.88 0.00	39.59 0.70 0.00	35.34 0.45 0.00	31.87 0.41 0.00
ALBANY___3 23573	28.74 0.43 -1.38	25.87 0.40 -1.83	24.13 0.38 -1.28	22.38 0.37 -1.19	22.49 0.38 -1.08	24.74 0.44 0.00	26.54 0.44 0.00	29.22 0.43 0.00	31.32 0.55 0.00	32.53 0.58 0.00	34.60 0.51 0.00	36.50 0.57 0.00	36.80 0.54 0.00	38.83 0.54 0.00	40.31 0.60 0.00	43.95 0.78 0.00	50.44 1.04 0.00	59.69 1.28 0.00	52.65 1.18 0.00	48.04 1.03 0.00	42.92 0.88 0.00	39.59 0.70 0.00	35.34 0.45 0.00	31.87 0.41 0.00
ALBANY___4 23574	28.74 0.43 -1.38	25.87 0.40 -1.83	24.13 0.38 -1.28	22.38 0.37 -1.19	22.49 0.38 -1.08	24.74 0.44 0.00	26.54 0.44 0.00	29.22 0.43 0.00	31.32 0.55 0.00	32.53 0.58 0.00	34.60 0.51 0.00	36.50 0.57 0.00	36.80 0.54 0.00	38.83 0.54 0.00	40.31 0.60 0.00	43.95 0.78 0.00	50.44 1.04 0.00	59.69 1.28 0.00	52.65 1.18 0.00	48.04 1.03 0.00	42.92 0.88 0.00	39.59 0.70 0.00	35.34 0.45 0.00	31.87 0.41 0.00
ALBANY___LFGE 323615	29.01 0.73 -1.36	26.09 0.66 -1.79	24.35 0.63 -1.26	22.59 0.60 -1.17	22.70 0.61 -1.06	24.94 0.63 0.00	26.77 0.68 0.00	29.57 0.78 0.00	31.69 0.92 0.00	32.91 0.96 0.00	35.01 0.92 0.00	36.93 1.00 0.00	37.30 1.05 0.00	39.33 1.03 0.00	40.78 1.07 0.00	44.47 1.29 0.00	51.09 1.68 0.00	60.45 2.04 0.00	53.32 1.85 0.00	48.65 1.64 0.00	43.46 1.43 0.00	40.17 1.28 0.00	35.76 0.87 0.00	32.25 0.79 0.00
ALCOA_PA_115KV_PL-6C 55860	26.42 -0.51 0.00	23.24 -0.40 0.00	22.10 -0.36 0.00	20.46 -0.35 0.00	20.67 -0.36 0.00	23.94 -0.36 0.00	25.78 -0.31 0.00	28.42 -0.37 0.00	30.34 -0.43 0.00	31.28 -0.67 0.00	33.37 -0.72 0.00	35.17 -0.75 0.00	35.45 -0.80 0.00	37.34 -0.96 0.00	38.56 -1.15 0.00	41.84 -1.34 0.00	48.09 -2.17 -0.86	55.78 -2.63 0.00	49.09 -2.37 0.01	44.98 -2.02 0.00	40.52 -1.51 0.00	37.92 -0.97 0.00	34.19 -0.70 0.00	30.96 -0.50 0.00
ALCOA_RYNLDS___DRP 24188	26.42 -0.51 0.00	23.24 -0.40 0.00	22.10 -0.36 0.00	20.46 -0.35 0.00	20.67 -0.36 0.00	23.94 -0.36 0.00	25.78 -0.31 0.00	28.42 -0.37 0.00	30.34 -0.43 0.00	31.28 -0.67 0.00	33.37 -0.72 0.00	35.17 -0.75 0.00	35.45 -0.80 0.00	37.34 -0.96 0.00	38.56 -1.15 0.00	41.84 -1.34 0.00	48.09 -2.17 -0.86	55.78 -2.63 0.00	49.09 -2.37 0.01	44.98 -2.02 0.00	40.52 -1.51 0.00	37.92 -0.97 0.00	34.19 -0.70 0.00	30.96 -0.50 0.00
ALCOA___DSASP 323711	26.39 -0.54 0.00	23.24 -0.40 0.00	22.08 -0.38 0.00	20.48 -0.33 0.00	20.69 -0.34 0.00	23.92 -0.39 0.00	25.78 -0.31 0.00	28.42 -0.38 0.00	30.34 -0.43 0.00	31.28 -0.67 0.00	33.37 -0.72 0.00	35.13 -0.79 0.00	35.38 -0.87 0.00	37.22 -1.07 0.00	38.56 -1.15 0.00	41.84 -1.34 0.00	48.04 -2.22 -0.86	55.78 -2.63 0.00	49.04 -2.42 0.01	44.98 -2.02 0.00	40.48 -1.55 0.00	37.30 -1.60 0.00	34.19 -0.70 0.00	30.96 -0.50 0.00
ALLEGHENY___COGEN 23514	28.41 1.48 0.00	24.58 0.95 0.00	23.32 0.85 0.00	21.40 0.58 0.00	21.66 0.63 0.00	25.13 0.83 0.00	26.41 0.31 0.00	29.40 0.61 0.00	30.68 -0.09 0.00	31.98 0.03 0.00	34.70 0.61 0.00	36.50 0.57 0.00	35.64 -0.62 0.00	37.95 -0.35 0.00	39.35 -0.36 0.00	42.14 -1.04 0.00	48.36 -1.04 0.00	57.36 -1.05 0.00	51.52 0.05 0.00	47.99 0.99 0.00	43.80 1.77 0.00	40.72 1.83 0.00	36.57 1.67 0.00	33.16 1.70 0.00
ALTAMONT_115KV_TB 2 55880	29.00 0.73 -1.34	26.05 0.64 -1.77	24.31 0.61 -1.24	22.55 0.58 -1.15	22.67 0.59 -1.05	24.99 0.68 0.00	26.83 0.73 0.00	29.57 0.78 0.00	31.63 0.86 0.00	32.88 0.93 0.00	35.01 0.92 0.00	36.89 0.97 0.00	37.20 0.94 0.00	39.29 1.00 0.00	40.78 1.07 0.00	44.43 1.25 0.00	51.03 1.63 0.00	60.33 1.93 0.00	53.22 1.75 0.00	48.60 1.60 0.00	43.38 1.35 0.00	40.02 1.13 0.00	35.80 0.91 0.00	32.28 0.82 0.00
ALTONA_WT_PWR 323606	27.07 0.14 0.00	23.83 0.19 0.00	22.62 0.16 0.00	20.98 0.17 0.00	21.18 0.15 0.00	24.60 0.29 0.00	26.62 0.52 0.00	29.40 0.61 0.00	31.39 0.62 0.00	31.15 -0.80 0.00	32.76 -1.33 0.00	34.52 -1.40 0.00	34.73 -1.52 0.00	36.61 -1.68 0.00	37.93 -1.79 0.00	41.10 -2.07 0.00	45.45 -2.87 1.09	54.96 -3.45 0.00	48.22 -3.24 0.01	44.28 -2.73 0.00	40.02 -2.02 0.00	36.63 -2.26 0.00	34.19 -0.70 0.00	31.93 0.47 0.00
AMERICAN_REF_FUEL 24010	26.53 -0.40 0.00	22.81 -0.83 0.00	21.70 -0.76 0.00	19.94 -0.87 0.00	20.17 -0.86 0.00	23.19 -1.12 0.00	24.04 -2.06 0.00	26.84 -1.96 0.00	28.31 -2.46 0.00	30.10 -1.85 0.00	33.27 -0.82 0.00	34.85 -1.08 0.00	35.31 -0.94 0.00	37.84 -0.46 0.00	39.20 -0.52 0.00	41.37 -1.81 0.00	47.33 -2.07 0.00	55.37 -3.04 0.00	49.15 -2.32 0.00	45.17 -1.83 0.00	40.94 -1.09 0.00	38.23 -0.66 0.00	34.72 -0.17 0.00	30.68 -0.79 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	28.01 1.08 0.00	24.06 0.43 0.00	22.82 0.36 0.00	21.00 0.19 0.00	21.28 0.25 0.00	24.53 0.22 0.00	25.76 -0.34 0.00	28.80 0.00 0.00	30.47 -0.31 0.00	32.34 0.38 0.00	35.83 1.74 0.00	37.54 1.62 0.00	38.14 1.88 0.00	40.97 2.68 0.00	42.33 2.62 0.00	44.78 1.60 -0.01	51.18 1.78 0.00	59.81 1.40 -0.01	53.12 1.65 0.00	48.61 1.60 0.00	44.18 2.14 0.00	40.95 2.06 0.00	37.13 2.24 0.00	32.63 1.16 0.00
ARTHUR KILL_GT_1 23520	32.58 2.07 -3.58	30.11 1.75 -4.72	27.45 1.66 -3.32	25.44 1.54 -3.09	25.37 1.53 -2.80	26.01 1.70 0.00	28.09 1.98 -0.01	31.12 2.33 0.00	34.02 2.68 -0.57	36.29 2.81 -1.53	36.74 2.66 0.01	38.57 2.66 0.01	39.07 2.83 0.01	39.49 3.02 1.82	39.89 3.34 3.16	41.91 3.97 5.24	44.26 4.79 9.94	54.63 5.55 9.33	42.18 4.79 14.08	42.03 3.95 8.92	40.60 2.90 4.34	38.59 2.68 2.98	37.02 2.13 0.00	33.95 2.48 -0.01
ARTHUR_KILL_2 23512	32.47 1.96 -3.58	30.02 1.65 -4.72	27.38 1.60 -3.32	25.36 1.46 -3.09	25.31 1.47 -2.80	25.94 1.63 0.00	28.01 1.90 -0.01	31.01 2.22 0.00	33.93 2.59 -0.57	36.16 2.68 -1.53	36.60 2.52 0.01	38.43 2.51 0.01	38.93 2.68 0.01	39.30 2.83 1.82	39.73 3.18 3.16	41.69 3.75 5.24	43.96 4.50 9.94	54.34 5.26 9.33	41.86 4.48 14.08	41.79 3.71 8.92	40.39 2.69 4.34	38.40 2.49 2.98	36.84 1.95 0.00	33.83 2.36 -0.01
ARTHUR_KILL_3 23513	32.33 1.83 -3.57	29.87 1.51 -4.72	27.20 1.42 -3.32	25.14 1.25 -3.08	25.09 1.26 -2.80	25.81 1.51 0.00	27.92 1.83 0.00	30.98 2.19 0.00	33.94 2.59 -0.58	36.17 2.68 -1.54	36.75 2.66 0.00	38.62 2.70 0.00	39.04 2.79 0.00	39.35 2.87 1.82	39.66 3.10 3.15	41.66 3.71 5.23	43.92 4.45 9.93	54.35 5.26 9.32	41.72 4.32 14.07	41.66 3.57 8.91	40.36 2.65 4.33	38.45 2.53 2.97	36.95 2.06 0.00	33.57 2.11 0.00

ARTHUR_KILL_COGEN 323718	32.58 2.07 -3.58	30.11 1.75 -4.72	27.45 1.66 -3.32	25.44 1.54 -3.09	25.37 1.53 -2.80	26.01 1.70 0.00	28.09 1.98 -0.01	31.12 2.33 0.00	34.02 2.68 -0.57	36.29 2.81 -1.53	36.74 2.66 0.01	38.57 2.66 0.01	39.07 2.83 0.01	39.49 3.02 1.82	39.89 3.34 3.16	41.91 3.97 5.24	44.26 4.79 9.94	54.63 5.55 9.33	42.18 4.79 14.08	42.03 3.95 8.92	40.60 2.90 4.34	38.59 2.68 2.98	37.02 2.13 0.00	33.95 2.48 -0.01
ASHOKAN____ 23654	30.72 1.75 -2.04	27.78 1.44 -2.70	25.78 1.42 -1.90	23.91 1.33 -1.76	24.02 1.39 -1.60	25.69 1.38 0.00	27.53 1.43 0.00	30.12 1.33 0.00	32.22 1.45 0.00	33.16 1.21 0.00	35.25 1.16 0.00	37.07 1.15 0.00	37.49 1.23 0.00	39.60 1.30 0.00	41.14 1.43 0.00	45.07 1.90 0.00	51.97 2.57 0.00	61.73 3.33 0.00	54.71 3.24 0.00	49.92 2.92 0.00	44.68 2.65 0.00	41.26 2.37 0.00	36.84 1.95 0.00	33.22 1.76 0.00
ASTORIA_EAST_ENERGY_CC1 323581	32.69 2.18 -3.58	30.21 1.84 -4.72	27.54 1.75 -3.32	25.46 1.56 -3.08	25.39 1.56 -2.80	26.06 1.75 0.00	28.19 2.09 -0.01	31.15 2.36 0.01	33.50 2.74 0.01	34.78 2.84 0.01	36.81 2.73 0.01	38.57 2.66 0.01	39.07 2.83 0.01	41.23 2.95 0.01	42.92 3.22 0.01	46.90 3.71 -0.01	54.01 4.60 -0.01	63.85 5.43 -0.01	56.21 4.73 -0.01	50.99 3.99 0.01	44.92 2.90 0.01	41.41 2.53 0.01	36.95 2.06 0.00	33.95 2.48 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	32.69 2.18 -3.58	30.21 1.84 -4.72	27.54 1.75 -3.32	25.46 1.56 -3.08	25.39 1.56 -2.80	26.06 1.75 0.00	28.19 2.09 -0.01	31.15 2.36 0.01	33.50 2.74 0.01	34.78 2.84 0.01	36.81 2.73 0.01	38.57 2.66 0.01	39.07 2.83 0.01	41.23 2.95 0.01	42.92 3.22 0.01	46.90 3.71 -0.01	54.01 4.60 -0.01	63.85 5.43 -0.01	56.21 4.73 -0.01	50.99 3.99 0.01	44.92 2.90 0.01	41.41 2.53 0.01	36.95 2.06 0.00	33.95 2.48 -0.01
ASTORIA_GT2_1 24094	32.71 2.21 -3.57	30.24 1.89 -4.72	27.58 1.80 -3.32	25.50 1.60 -3.08	25.42 1.60 -2.80	26.23 1.92 0.00	28.34 2.24 0.00	31.18 2.39 0.00	33.53 2.77 0.01	34.87 2.94 0.02	37.02 2.93 0.00	38.83 2.91 0.00	39.12 2.86 0.00	41.28 2.99 0.00	43.01 3.30 0.00	46.94 3.76 0.01	54.09 4.69 0.01	63.96 5.55 0.00	56.36 4.89 -0.01	51.09 4.09 0.01	44.98 2.94 0.00	41.34 2.45 0.00	37.16 2.27 0.00	33.98 2.52 0.00
ASTORIA_GT2_2 24095	32.71 2.21 -3.57	30.24 1.89 -4.72	27.58 1.80 -3.32	25.50 1.60 -3.08	25.42 1.60 -2.80	26.23 1.92 0.00	28.34 2.24 0.00	31.18 2.39 0.00	33.53 2.77 0.01	34.87 2.94 0.02	37.02 2.93 0.00	38.83 2.91 0.00	39.12 2.86 0.00	41.28 2.99 0.00	43.01 3.30 0.00	46.94 3.76 -0.01	54.09 4.69 0.01	63.96 5.55 0.00	56.36 4.89 -0.01	51.09 4.09 0.01	44.98 2.94 0.00	41.34 2.45 0.00	37.16 2.27 0.00	33.98 2.52 0.00
ASTORIA_GT2_3 24096	32.71 2.21 -3.57	30.24 1.89 -4.72	27.58 1.80 -3.32	25.50 1.60 -3.08	25.42 1.60 -2.80	26.23 1.92 0.00	28.34 2.24 0.00	31.18 2.39 0.00	33.53 2.77 0.01	34.87 2.94 0.02	37.02 2.93 0.00	38.83 2.91 0.00	39.12 2.86 0.00	41.28 2.99 0.00	43.01 3.30 0.00	46.94 3.76 -0.01	54.09 4.69 0.01	63.96 5.55 0.00	56.36 4.89 -0.01	51.09 4.09 0.01	44.98 2.94 0.00	41.34 2.45 0.00	37.16 2.27 0.00	33.98 2.52 0.00
ASTORIA_GT2_4 24097	32.71 2.21 -3.57	30.24 1.89 -4.72	27.58 1.80 -3.32	25.50 1.60 -3.08	25.42 1.60 -2.80	26.23 1.92 0.00	28.34 2.24 0.00	31.18 2.39 0.00	33.53 2.77 0.01	34.87 2.94 0.02	37.02 2.93 0.00	38.83 2.91 0.00	39.12 2.86 0.00	41.28 2.99 0.00	43.01 3.30 0.00	46.94 3.76 -0.01	54.09 4.69 0.01	63.96 5.55 0.00	56.36 4.89 -0.01	51.09 4.09 0.01	44.98 2.94 0.00	41.34 2.45 0.00	37.16 2.27 0.00	33.98 2.52 0.00
ASTORIA_GT3_1 24098	32.71 2.21 -3.57	30.24 1.89 -4.72	27.58 1.80 -3.32	25.50 1.60 -3.08	25.42 1.60 -2.80	26.23 1.92 0.00	28.34 2.24 0.00	31.18 2.39 0.00	33.53 2.77 0.01	34.87 2.94 0.02	37.02 2.93 0.00	38.83 2.91 0.00	39.12 2.86 0.00	41.28 2.99 0.00	43.01 3.30 0.00	46.94 3.76 -0.01	54.09 4.69 0.01	63.96 5.55 0.00	56.36 4.89 -0.01	51.09 4.09 0.01	44.98 2.94 0.00	41.34 2.45 0.00	37.16 2.27 0.00	33.98 2.52 0.00
ASTORIA_GT3_2 24099	32.71 2.21 -3.57	30.24 1.89 -4.72	27.58 1.80 -3.32	25.50 1.60 -3.08	25.42 1.60 -2.80	26.23 1.92 0.00	28.34 2.24 0.00	31.18 2.39 0.00	33.53 2.77 0.01	34.87 2.94 0.02	37.02 2.93 0.00	38.83 2.91 0.00	39.12 2.86 0.00	41.28 2.99 0.00	43.01 3.30 0.00	46.94 3.76 -0.01	54.09 4.69 0.01	63.96 5.55 0.00	56.36 4.89 -0.01	51.09 4.09 0.01	44.98 2.94 0.00	41.34 2.45 0.00	37.16 2.27 0.00	33.98 2.52 0.00
ASTORIA_GT3_3 24100	32.71 2.21 -3.57	30.24 1.89 -4.72	27.58 1.80 -3.32	25.50 1.60 -3.08	25.42 1.60 -2.80	26.23 1.92 0.00	28.34 2.24 0.00	31.18 2.39 0.00	33.53 2.77 0.01	34.87 2.94 0.02	37.02 2.93 0.00	38.83 2.91 0.00	39.12 2.86 0.00	41.28 2.99 0.00	43.01 3.30 0.00	46.94 3.76 -0.01	54.09 4.69 0.01	63.96 5.55 0.00	56.36 4.89 -0.01	51.09 4.09 0.01	44.98 2.94 0.00	41.34 2.45 0.00	37.16 2.27 0.00	33.98 2.52 0.00
ASTORIA_GT3_4 24101	32.71 2.21 -3.57	30.24 1.89 -4.72	27.58 1.80 -3.32	25.50 1.60 -3.08	25.42 1.60 -2.80	26.23 1.92 0.00	28.34 2.24 0.00	31.18 2.39 0.00	33.53 2.77 0.01	34.87 2.94 0.02	37.02 2.93 0.00	38.83 2.91 0.00	39.12 2.86 0.00	41.28 2.99 0.00	43.01 3.30 0.00	46.94 3.76 -0.01	54.09 4.69 0.01	63.96 5.55 0.00	56.36 4.89 -0.01	51.09 4.09 0.01	44.98 2.94 0.00	41.34 2.45 0.00	37.16 2.27 0.00	33.98 2.52 0.00
ASTORIA_GT4_1 24102	32.71 2.21 -3.57	30.24 1.89 -4.72	27.58 1.80 -3.32	25.50 1.60 -3.08	25.42 1.60 -2.80	26.23 1.92 0.00	28.34 2.24 0.00	31.18 2.39 0.00	33.53 2.77 0.01	34.87 2.94 0.02	37.02 2.93 0.00	38.83 2.91 0.00	39.12 2.86 0.00	41.28 2.99 0.00	43.01 3.30 0.00	46.94 3.76 -0.01	54.09 4.69 0.01	63.96 5.55 0.00	56.36 4.89 -0.01	51.09 4.09 0.01	44.98 2.94 0.00	41.34 2.45 0.00	37.16 2.27 0.00	33.98 2.52 0.00
ASTORIA_GT4_2 24103	32.71 2.21 -3.57	30.24 1.89 -4.72	27.58 1.80 -3.32	25.50 1.60 -3.08	25.42 1.60 -2.80	26.23 1.92 0.00	28.34 2.24 0.00	31.18 2.39 0.00	33.53 2.77 0.01	34.87 2.94 0.02	37.02 2.93 0.00	38.83 2.91 0.00	39.12 2.86 0.00	41.28 2.99 0.00	43.01 3.30 0.00	46.94 3.76 -0.01	54.09 4.69 0.01	63.96 5.55 0.00	56.36 4.89 -0.01	51.09 4.09 0.01	44.98 2.94 0.00	41.34 2.45 0.00	37.16 2.27 0.00	33.98 2.52 0.00
ASTORIA_GT4_3 24104	32.71 2.21 -3.57	30.24 1.89 -4.72	27.58 1.80 -3.32	25.50 1.60 -3.08	25.42 1.60 -2.80	26.23 1.92 0.00	28.34 2.24 0.00	31.18 2.39 0.00	33.53 2.77 0.01	34.87 2.94 0.02	37.02 2.93 0.00	38.83 2.91 0.00	39.12 2.86 0.00	41.28 2.99 0.00	43.01 3.30 0.00	46.94 3.76 -0.01	54.09 4.69 0.01	63.96 5.55 0.00	56.36 4.89 -0.01	51.09 4.09 0.01	44.98 2.94 0.00	41.34 2.45 0.00	37.16 2.27 0.00	33.98 2.52 0.00

ASTORIA_GT4_4 24105	32.71 2.21 -3.57	30.24 1.89 -4.72	27.58 1.80 -3.32	25.50 1.60 -3.08	25.42 1.60 -2.80	26.23 1.92 0.00	28.34 2.24 0.00	31.18 2.39 0.00	33.53 2.77 0.01	34.87 2.94 0.02	37.02 2.93 0.00	38.83 2.91 0.00	39.12 2.86 0.00	41.28 2.99 0.00	43.01 3.30 0.00	46.94 3.76 -0.01	54.09 4.69 0.01	63.96 5.55 0.00	56.36 4.89 -0.01	51.09 4.09 0.01	44.98 2.94 0.00	41.34 2.45 0.00	37.16 2.27 0.00	33.98 2.52 0.00
ASTORIA_GT_1 23523	32.77 2.26 -3.58	30.28 1.91 -4.72	27.59 1.80 -3.32	25.52 1.62 -3.08	25.45 1.62 -2.80	26.11 1.80 0.00	28.24 2.14 -0.01	31.23 2.45 0.01	33.59 2.83 0.01	34.88 2.94 0.01	36.91 2.83 0.01	38.72 2.80 0.01	39.18 2.94 0.01	41.35 3.06 0.01	43.08 3.37 0.01	47.02 3.84 -0.01	54.20 4.79 -0.01	64.08 5.66 -0.01	56.42 4.94 -0.01	51.13 4.14 0.01	45.09 3.07 0.01	41.57 2.68 0.01	37.06 2.16 0.00	34.02 2.55 -0.01
ASTORIA_GT_10 24110	32.55 2.05 -3.57	30.10 1.75 -4.72	27.42 1.64 -3.32	25.37 1.48 -3.08	25.30 1.47 -2.80	26.13 1.82 0.00	28.24 2.14 0.00	31.18 2.39 0.00	35.74 2.77 -2.20	35.20 2.94 -0.31	37.05 2.97 0.00	38.83 2.91 0.00	39.15 2.90 0.00	41.28 2.99 0.00	43.05 3.34 0.00	48.73 3.80 -1.75	53.94 4.55 0.01	63.72 5.31 0.00	51.90 4.53 4.10	49.22 3.76 1.54	44.89 2.86 0.00	41.30 2.41 0.00	37.19 2.30 0.00	33.88 2.42 0.00
ASTORIA_GT_11 24225	32.55 2.05 -3.57	30.10 1.75 -4.72	27.42 1.64 -3.32	25.37 1.48 -3.08	25.30 1.47 -2.80	26.13 1.82 0.00	28.24 2.14 0.00	31.18 2.39 0.00	35.74 2.77 -2.20	35.20 2.94 -0.31	37.05 2.97 0.00	38.83 2.91 0.00	39.15 2.90 0.00	41.28 2.99 0.00	43.05 3.34 0.00	48.73 3.80 -1.75	53.94 4.55 0.01	63.72 5.31 0.00	51.90 4.53 4.10	49.22 3.76 1.54	44.89 2.86 0.00	41.30 2.41 0.00	37.19 2.30 0.00	33.88 2.42 0.00
ASTORIA_GT_12 24226	32.55 2.05 -3.57	30.10 1.75 -4.72	27.42 1.64 -3.32	25.37 1.48 -3.08	25.30 1.47 -2.80	26.13 1.82 0.00	28.24 2.14 0.00	31.18 2.39 0.00	35.74 2.77 -2.20	35.20 2.94 -0.31	37.05 2.97 0.00	38.83 2.91 0.00	39.15 2.90 0.00	41.28 2.99 0.00	43.05 3.34 0.00	48.73 3.80 -1.75	53.94 4.55 0.01	63.72 5.31 0.00	51.90 4.53 4.10	49.22 3.76 1.54	44.89 2.86 0.00	41.30 2.41 0.00	37.19 2.30 0.00	33.88 2.42 0.00
ASTORIA_GT_13 24227	32.55 2.05 -3.57	30.10 1.75 -4.72	27.42 1.64 -3.32	25.37 1.48 -3.08	25.30 1.47 -2.80	26.13 1.82 0.00	28.24 2.14 0.00	31.18 2.39 0.00	35.74 2.77 -2.20	35.20 2.94 -0.31	37.05 2.97 0.00	38.83 2.91 0.00	39.15 2.90 0.00	41.28 2.99 0.00	43.05 3.34 0.00	48.73 3.80 -1.75	53.94 4.55 0.01	63.72 5.31 0.00	51.90 4.53 4.10	49.22 3.76 1.54	44.89 2.86 0.00	41.30 2.41 0.00	37.19 2.30 0.00	33.88 2.42 0.00
ASTORIA_GT_5 24106	32.76 2.26 -3.57	30.29 1.94 -4.72	27.62 1.84 -3.32	25.54 1.64 -3.08	25.47 1.64 -2.80	26.28 1.97 0.00	28.39 2.30 0.00	31.24 2.45 0.00	33.59 2.83 0.01	34.94 3.00 0.02	37.12 3.03 0.00	38.90 2.98 0.00	39.19 2.94 0.00	41.39 3.10 0.00	43.13 3.42 0.00	47.07 3.89 -0.01	54.24 4.84 0.01	64.13 5.72 0.00	56.52 5.04 -0.01	51.27 4.28 0.01	45.10 3.07 0.00	41.46 2.57 0.00	37.23 2.34 0.00	34.07 2.61 0.00
ASTORIA_GT_7 24107	32.76 2.26 -3.57	30.29 1.94 -4.72	27.62 1.84 -3.32	25.54 1.64 -3.08	25.47 1.64 -2.80	26.28 1.97 0.00	28.39 2.30 0.00	31.24 2.45 0.00	33.59 2.83 0.01	34.94 3.00 0.02	37.12 3.03 0.00	38.90 2.98 0.00	39.19 2.94 0.00	41.39 3.10 0.00	43.13 3.42 0.00	47.07 3.89 -0.01	54.24 4.84 0.01	64.13 5.72 0.00	56.52 5.04 -0.01	51.27 4.28 0.01	45.10 3.07 0.00	41.46 2.57 0.00	37.23 2.34 0.00	34.07 2.61 0.00
ASTORIA_GT_8 24108	32.76 2.26 -3.57	30.29 1.94 -4.72	27.62 1.84 -3.32	25.54 1.64 -3.08	25.47 1.64 -2.80	26.28 1.97 0.00	28.39 2.30 0.00	31.24 2.45 0.00	33.59 2.83 0.01	34.94 3.00 0.02	37.12 3.03 0.00	38.90 2.98 0.00	39.19 2.94 0.00	41.39 3.10 0.00	43.13 3.42 0.00	47.07 3.89 -0.01	54.24 4.84 0.01	64.13 5.72 0.00	56.52 5.04 -0.01	51.27 4.28 0.01	45.10 3.07 0.00	41.46 2.57 0.00	37.23 2.34 0.00	34.07 2.61 0.00
ASTORIA___2 24149	32.72 2.21 -3.58	30.23 1.87 -4.72	27.54 1.75 -3.32	25.48 1.58 -3.08	25.41 1.58 -2.80	26.06 1.75 0.00	28.19 2.09 -0.01	31.15 2.36 0.01	33.53 2.77 0.01	34.82 2.88 0.01	36.84 2.76 0.01	38.61 2.70 0.01	39.07 2.83 0.01	41.23 2.95 0.01	42.96 3.26 0.01	46.90 3.71 -0.01	54.06 4.64 -0.01	63.90 5.49 -0.01	56.26 4.79 -0.01	50.99 3.99 0.01	44.97 2.94 0.01	41.45 2.57 0.01	36.98 2.09 0.00	33.95 2.48 -0.01
ASTORIA___3 23516	32.55 2.05 -3.58	30.09 1.72 -4.72	27.41 1.62 -3.32	25.35 1.46 -3.08	25.28 1.45 -2.80	25.96 1.65 0.00	28.11 2.01 -0.01	31.18 2.39 0.00	35.74 2.77 -2.20	35.15 2.88 -0.32	36.85 2.76 0.00	38.65 2.73 0.00	39.12 2.86 0.00	41.28 2.99 0.00	42.97 3.26 0.00	48.68 3.75 -1.75	53.89 4.50 0.01	63.66 5.26 0.01	51.79 4.43 4.10	49.13 3.67 1.54	44.76 2.73 0.01	41.45 2.57 0.01	37.02 2.13 0.00	33.86 2.39 -0.01
ASTORIA___4 23517	32.55 2.05 -3.57	30.10 1.75 -4.72	27.42 1.64 -3.32	25.37 1.48 -3.08	25.30 1.47 -2.80	26.13 1.82 0.00	28.24 2.14 0.00	31.18 2.39 0.00	35.74 2.77 -2.20	35.20 2.94 -0.31	37.05 2.97 0.00	38.83 2.91 0.00	39.15 2.90 0.00	41.28 2.99 0.00	43.05 3.34 0.00	48.73 3.80 -1.75	53.94 4.55 0.01	63.72 5.31 0.00	51.90 4.53 4.10	49.22 3.76 1.54	44.89 2.86 0.00	41.30 2.41 0.00	37.19 2.30 0.00	33.88 2.42 0.00
ASTORIA___5 23518	32.55 2.05 -3.58	30.09 1.72 -4.72	27.41 1.62 -3.32	25.35 1.46 -3.08	25.28 1.45 -2.80	25.96 1.65 0.00	28.11 2.01 -0.01	31.18 2.39 0.00	35.74 2.77 -2.20	35.15 2.88 -0.32	36.85 2.76 0.00	38.65 2.73 0.00	39.12 2.86 0.00	41.28 2.99 0.00	42.97 3.26 0.00	48.68 3.75 -1.75	53.89 4.50 0.01	63.66 5.26 0.01	51.79 4.43 4.10	49.13 3.67 1.54	44.76 2.73 0.01	41.45 2.57 0.01	37.02 2.13 0.00	33.86 2.39 -0.01
AST_ENERGY_2_CC3 323677	32.36 1.86 -3.57	29.91 1.56 -4.72	27.24 1.46 -3.32	25.21 1.31 -3.08	25.15 1.33 -2.80	25.86 1.56 0.00	27.95 1.85 0.00	31.04 2.25 0.00	33.38 2.61 0.00	34.66 2.71 0.00	36.78 2.69 0.00	38.73 2.80 0.00	39.15 2.90 0.00	41.36 3.06 0.00	43.01 3.29 0.00	47.10 3.93 0.00	54.15 4.74 0.00	63.96 5.55 0.00	56.04 4.58 0.00	50.81 3.81 0.00	44.89 2.86 0.00	41.61 2.72 0.00	37.06 2.16 0.00	33.66 2.20 0.00
AST_ENERGY_2_CC4 323678	32.36 1.86 -3.57	29.91 1.56 -4.72	27.24 1.46 -3.32	25.21 1.31 -3.08	25.15 1.33 -2.80	25.86 1.56 0.00	27.95 1.85 0.00	31.04 2.25 0.00	33.38 2.61 0.00	34.66 2.71 0.00	36.78 2.69 0.00	38.73 2.80 0.00	39.15 2.90 0.00	41.36 3.06 0.00	43.01 3.29 0.00	47.10 3.93 0.00	54.15 4.74 0.00	63.96 5.55 0.00	56.04 4.58 0.00	50.81 3.81 0.00	44.89 2.86 0.00	41.61 2.72 0.00	37.06 2.16 0.00	33.66 2.20 0.00

ATHENS_STG_1 23668	29.73 0.89 -1.91	26.92 0.76 -2.53	24.96 0.72 -1.78	23.13 0.67 -1.65	23.20 0.67 -1.50	25.06 0.75 0.00	26.96 0.86 0.00	29.80 1.01 0.00	31.97 1.20 0.00	33.20 1.24 0.00	35.28 1.19 0.00	37.18 1.26 0.00	37.56 1.30 0.00	39.67 1.38 0.00	41.18 1.47 0.00	44.95 1.77 0.00	51.58 2.17 0.00	60.92 2.51 0.00	53.68 2.21 0.00	48.89 1.88 0.00	43.54 1.51 0.00	40.29 1.40 0.00	35.90 1.01 0.00	32.47 1.01 0.00
ATHENS_STG_2 23670	29.73 0.89 -1.91	26.92 0.76 -2.53	24.96 0.72 -1.78	23.13 0.67 -1.65	23.20 0.67 -1.50	25.06 0.75 0.00	26.96 0.86 0.00	29.80 1.01 0.00	31.97 1.20 0.00	33.20 1.24 0.00	35.28 1.19 0.00	37.18 1.26 0.00	37.56 1.30 0.00	39.67 1.38 0.00	41.18 1.47 0.00	44.95 1.77 0.00	51.58 2.17 0.00	60.92 2.51 0.00	53.68 2.21 0.00	48.89 1.88 0.00	43.54 1.51 0.00	40.29 1.40 0.00	35.90 1.01 0.00	32.47 1.01 0.00
ATHENS_STG_3 23677	29.73 0.89 -1.91	26.92 0.76 -2.53	24.96 0.72 -1.78	23.13 0.67 -1.65	23.20 0.67 -1.50	25.06 0.75 0.00	26.96 0.86 0.00	29.80 1.01 0.00	31.97 1.20 0.00	33.20 1.24 0.00	35.28 1.19 0.00	37.18 1.26 0.00	37.56 1.30 0.00	39.67 1.38 0.00	41.18 1.47 0.00	44.95 1.77 0.00	51.58 2.17 0.00	60.92 2.51 0.00	53.68 2.21 0.00	48.89 1.88 0.00	43.54 1.51 0.00	40.29 1.40 0.00	35.90 1.01 0.00	32.47 1.01 0.00
AUBURN___LFGE 323710	26.98 0.05 0.00	23.69 0.05 0.00	22.42 -0.04 0.00	20.75 -0.06 0.00	20.99 -0.04 0.00	24.16 -0.15 0.00	25.86 -0.23 0.00	28.68 -0.12 0.00	30.43 -0.34 0.00	31.79 -0.16 0.00	34.16 0.07 0.00	36.03 0.11 0.00	36.40 0.15 0.00	38.79 0.50 0.00	40.23 0.52 0.00	43.35 0.17 0.00	49.56 0.30 0.14	58.87 0.47 0.00	51.88 0.41 0.00	47.52 0.52 0.00	42.58 0.55 0.00	39.44 0.54 0.00	35.34 0.45 0.00	31.56 0.09 0.00
BABYLON_RES_REC 323704	36.74 2.42 -7.39	33.72 2.03 -8.05	31.24 1.93 -6.85	28.89 1.77 -6.30	25.62 1.79 -2.80	29.78 2.06 -3.41	28.39 2.30 0.00	34.69 2.74 -3.16	36.21 3.11 -2.34	36.68 3.26 -1.47	36.30 2.21 0.00	38.15 2.23 0.00	38.79 2.54 0.00	41.09 2.79 0.00	42.93 3.22 0.00	46.80 3.63 0.00	54.05 4.64 0.00	64.19 5.78 0.00	56.25 4.79 0.00	50.48 3.48 0.00	44.73 2.69 0.00	45.28 2.99 -3.40	36.63 1.74 0.01	33.85 2.39 0.00
BABYLON__69_KV_BK2 356345	37.14 2.83 -7.39	34.12 2.43 -8.05	31.60 2.29 -6.85	29.22 2.10 -6.30	25.95 2.12 -2.80	30.27 2.55 -3.41	28.89 2.79 0.00	35.12 3.17 -3.16	36.65 3.54 -2.34	37.19 3.77 -1.47	37.09 3.00 0.00	39.08 3.16 0.00	39.73 3.48 0.00	42.06 3.75 -0.01	43.92 4.21 0.00	48.01 4.84 0.00	55.48 6.08 0.00	65.83 7.42 0.00	57.70 6.23 0.00	51.80 4.79 0.00	46.24 4.20 0.00	51.79 3.73 -9.17	37.50 2.62 0.01	34.51 3.05 0.00
BALL_HILL_WT_PWR 323825	27.50 0.57 0.00	23.64 0.00 0.00	22.44 -0.02 0.00	20.65 -0.17 0.00	20.93 -0.10 0.00	24.09 -0.22 0.00	25.21 -0.89 0.00	28.16 -0.63 0.00	29.76 -1.01 0.00	31.57 -0.38 0.00	34.91 0.82 0.00	36.61 0.68 0.00	37.16 0.91 0.00	39.90 1.61 0.00	41.26 1.55 0.00	43.70 0.52 -0.01	50.00 0.59 0.00	58.47 0.06 -0.01	51.88 0.41 0.00	47.52 0.52 0.00	43.13 1.09 0.00	40.02 1.13 0.00	36.32 1.43 0.00	32.03 0.57 0.00
BARON_WINDS___WT_PWR 323822	27.44 0.51 0.00	23.73 0.09 0.00	22.53 0.07 0.00	20.76 -0.06 0.00	21.03 0.00 0.00	24.28 -0.02 0.00	25.65 -0.44 0.00	28.56 -0.23 0.00	30.16 -0.62 0.00	31.79 -0.16 0.00	34.74 0.65 0.00	36.57 0.65 0.00	36.98 0.72 0.00	39.52 1.23 0.00	40.90 1.19 0.00	43.65 0.48 0.00	50.05 0.64 0.00	58.87 0.47 0.00	52.13 0.67 0.00	47.75 0.75 0.00	43.13 1.09 0.00	40.06 1.17 0.00	36.15 1.25 0.00	32.03 0.57 0.00
BARRETT_IC_1 23704	36.50 2.18 -7.39	33.55 1.87 -8.05	31.09 1.77 -6.85	28.72 1.60 -6.30	25.45 1.62 -2.80	29.59 1.87 -3.41	28.21 2.11 0.00	34.43 2.48 -3.16	35.91 2.80 -2.34	36.29 2.88 -1.47	36.41 2.32 0.00	38.29 2.37 0.00	38.83 2.57 0.00	41.05 2.76 0.00	42.81 3.10 0.00	46.89 3.71 0.00	54.05 4.64 0.00	64.07 5.66 0.00	56.15 4.68 0.00	50.53 3.53 0.00	44.81 2.77 0.00	41.73 2.84 0.00	36.91 2.02 0.00	33.77 2.30 -0.01
BARRETT_IC_10 23701	36.50 2.18 -7.39	33.55 1.87 -8.05	31.09 1.77 -6.85	28.72 1.60 -6.30	25.45 1.62 -2.80	29.59 1.87 -3.41	28.21 2.11 0.00	34.43 2.48 -3.16	35.91 2.80 -2.34	36.29 2.88 -1.47	36.41 2.32 0.00	38.29 2.37 0.00	38.83 2.57 0.00	41.05 2.76 0.00	42.81 3.10 0.00	46.89 3.71 0.00	54.05 4.64 0.00	64.07 5.66 0.00	56.15 4.68 0.00	50.53 3.53 0.00	44.81 2.77 0.00	41.73 2.84 0.00	36.91 2.02 0.00	33.77 2.30 -0.01
BARRETT_IC_11 23702	36.50 2.18 -7.39	33.55 1.87 -8.05	31.09 1.77 -6.85	28.72 1.60 -6.30	25.45 1.62 -2.80	29.59 1.87 -3.41	28.21 2.11 0.00	34.43 2.48 -3.16	35.91 2.80 -2.34	36.29 2.88 -1.47	36.41 2.32 0.00	38.29 2.37 0.00	38.83 2.57 0.00	41.05 2.76 0.00	42.81 3.10 0.00	46.89 3.71 0.00	54.05 4.64 0.00	64.07 5.66 0.00	56.15 4.68 0.00	50.53 3.53 0.00	44.81 2.77 0.00	41.73 2.84 0.00	36.91 2.02 0.00	33.77 2.30 -0.01
BARRETT_IC_12 23703	36.50 2.18 -7.39	33.55 1.87 -8.05	31.09 1.77 -6.85	28.72 1.60 -6.30	25.45 1.62 -2.80	29.59 1.87 -3.41	28.21 2.11 0.00	34.43 2.48 -3.16	35.91 2.80 -2.34	36.29 2.88 -1.47	36.41 2.32 0.00	38.29 2.37 0.00	38.83 2.57 0.00	41.05 2.76 0.00	42.81 3.10 0.00	46.89 3.71 0.00	54.05 4.64 0.00	64.07 5.66 0.00	56.15 4.68 0.00	50.53 3.53 0.00	44.81 2.77 0.00	41.73 2.84 0.00	36.91 2.02 0.00	33.77 2.30 -0.01
BARRETT_IC_2 23705	36.50 2.18 -7.39	33.55 1.87 -8.05	31.09 1.77 -6.85	28.72 1.60 -6.30	25.45 1.62 -2.80	29.59 1.87 -3.41	28.21 2.11 0.00	34.43 2.48 -3.16	35.91 2.80 -2.34	36.29 2.88 -1.47	36.41 2.32 0.00	38.29 2.37 0.00	38.83 2.57 0.00	41.05 2.76 0.00	42.81 3.10 0.00	46.89 3.71 0.00	54.05 4.64 0.00	64.07 5.66 0.00	56.15 4.68 0.00	50.53 3.53 0.00	44.81 2.77 0.00	41.73 2.84 0.00	36.91 2.02 0.00	33.77 2.30 -0.01
BARRETT_IC_3 23706	36.50 2.18 -7.39	33.55 1.87 -8.05	31.09 1.77 -6.85	28.72 1.60 -6.30	25.45 1.62 -2.80	29.59 1.87 -3.41	28.21 2.11 0.00	34.43 2.48 -3.16	35.91 2.80 -2.34	36.29 2.88 -1.47	36.41 2.32 0.00	38.29 2.37 0.00	38.83 2.57 0.00	41.05 2.76 0.00	42.81 3.10 0.00	46.89 3.71 0.00	54.05 4.64 0.00	64.07 5.66 0.00	56.15 4.68 0.00	50.53 3.53 0.00	44.81 2.77 0.00	41.73 2.84 0.00	36.91 2.02 0.00	33.77 2.30 -0.01
BARRETT_IC_4 23707	36.50 2.18 -7.39	33.55 1.87 -8.05	31.09 1.77 -6.85	28.72 1.60 -6.30	25.45 1.62 -2.80	29.59 1.87 -3.41	28.21 2.11 0.00	34.43 2.48 -3.16	35.91 2.80 -2.34	36.29 2.88 -1.47	36.41 2.32 0.00	38.29 2.37 0.00	38.83 2.57 0.00	41.05 2.76 0.00	42.81 3.10 0.00	46.89 3.71 0.00	54.05 4.64 0.00	64.07 5.66 0.00	56.15 4.68 0.00	50.53 3.53 0.00	44.81 2.77 0.00	41.73 2.84 0.00	36.91 2.02 0.00	33.77 2.30 -0.01

BARRETT_IC_5 23708	36.50 2.18 -7.39	33.55 1.87 -8.05	31.09 1.77 -6.85	28.72 1.60 -6.30	25.45 1.62 -2.80	29.59 1.87 -3.41	28.21 2.11 0.00	34.43 2.48 -3.16	35.91 2.80 -2.34	36.29 2.88 -1.47	36.41 2.32 0.00	38.29 2.37 0.00	38.83 2.57 0.00	41.05 2.76 0.00	42.81 3.10 0.00	46.89 3.71 0.00	54.05 4.64 0.00	64.07 5.66 0.00	56.15 4.68 0.00	50.53 3.53 0.00	44.81 2.77 0.00	41.73 2.84 0.00	36.91 2.02 0.00	33.77 2.30 -0.01
BARRETT_IC_6 23709	36.50 2.18 -7.39	33.55 1.87 -8.05	31.09 1.77 -6.85	28.72 1.60 -6.30	25.45 1.62 -2.80	29.59 1.87 -3.41	28.21 2.11 0.00	34.43 2.48 -3.16	35.91 2.80 -2.34	36.29 2.88 -1.47	36.41 2.32 0.00	38.29 2.37 0.00	38.83 2.57 0.00	41.05 2.76 0.00	42.81 3.10 0.00	46.89 3.71 0.00	54.05 4.64 0.00	64.07 5.66 0.00	56.15 4.68 0.00	50.53 3.53 0.00	44.81 2.77 0.00	41.73 2.84 0.00	36.91 2.02 0.00	33.77 2.30 -0.01
BARRETT_IC_7 23710	36.50 2.18 -7.39	33.57 1.89 -8.05	31.11 1.80 -6.85	28.76 1.64 -6.30	25.47 1.64 -2.80	29.74 2.02 -3.41	28.34 2.24 0.00	34.46 2.50 -3.16	35.91 2.80 -2.34	36.32 2.91 -1.47	36.47 2.39 0.00	38.44 2.51 0.00	38.94 2.68 0.00	41.05 2.76 0.00	42.89 3.18 0.00	46.93 3.76 0.00	54.15 4.74 0.00	64.13 5.72 0.00	56.25 4.79 0.00	50.67 3.67 0.00	45.02 2.98 0.00	41.54 2.64 0.00	37.12 2.23 0.00	33.88 2.42 0.00
BARRETT_IC_8 23711	36.50 2.18 -7.39	33.55 1.87 -8.05	31.09 1.77 -6.85	28.72 1.60 -6.30	25.45 1.62 -2.80	29.59 1.87 -3.41	28.21 2.11 0.00	34.43 2.48 -3.16	35.91 2.80 -2.34	36.29 2.88 -1.47	36.41 2.32 0.00	38.29 2.37 0.00	38.83 2.57 0.00	41.05 2.76 0.00	42.81 3.10 0.00	46.89 3.71 0.00	54.05 4.64 0.00	64.07 5.66 0.00	56.15 4.68 0.00	50.53 3.53 0.00	44.81 2.77 0.00	41.73 2.84 0.00	36.91 2.02 0.00	33.77 2.30 -0.01
BARRETT_IC_9 23700	36.50 2.18 -7.39	33.55 1.87 -8.05	31.09 1.77 -6.85	28.72 1.60 -6.30	25.45 1.62 -2.80	29.59 1.87 -3.41	28.21 2.11 0.00	34.43 2.48 -3.16	35.91 2.80 -2.34	36.29 2.88 -1.47	36.41 2.32 0.00	38.29 2.37 0.00	38.83 2.57 0.00	41.05 2.76 0.00	42.81 3.10 0.00	46.89 3.71 0.00	54.05 4.64 0.00	64.07 5.66 0.00	56.15 4.68 0.00	50.53 3.53 0.00	44.81 2.77 0.00	41.73 2.84 0.00	36.91 2.02 0.00	33.77 2.30 -0.01
BARRETT___1 23545	36.50 2.18 -7.39	33.55 1.87 -8.05	31.09 1.77 -6.85	28.72 1.60 -6.30	25.45 1.62 -2.80	29.59 1.87 -3.41	28.21 2.11 0.00	34.43 2.48 -3.16	35.91 2.80 -2.34	36.29 2.88 -1.47	36.41 2.32 0.00	38.29 2.37 0.00	38.83 2.57 0.00	41.05 2.76 0.00	42.81 3.10 0.00	46.89 3.71 0.00	54.05 4.64 0.00	64.07 5.66 0.00	56.15 4.68 0.00	50.53 3.53 0.00	44.81 2.77 0.00	41.73 2.84 0.00	36.91 2.02 0.00	33.77 2.30 -0.01
BARRETT___2 23546	36.50 2.18 -7.39	33.55 1.87 -8.05	31.09 1.77 -6.85	28.72 1.60 -6.30	25.45 1.62 -2.80	29.59 1.87 -3.41	28.21 2.11 0.00	34.43 2.48 -3.16	35.91 2.80 -2.34	36.29 2.88 -1.47	36.41 2.32 0.00	38.29 2.37 0.00	38.83 2.57 0.00	41.05 2.76 0.00	42.81 3.10 0.00	46.89 3.71 0.00	54.05 4.64 0.00	64.07 5.66 0.00	56.15 4.68 0.00	50.53 3.53 0.00	44.81 2.77 0.00	41.73 2.84 0.00	36.91 2.02 0.00	33.77 2.30 -0.01
BATAVIA__115KV_TB1 55881	27.58 0.65 0.00	24.23 0.59 0.00	22.73 0.27 0.00	21.07 0.25 0.00	21.26 0.23 0.00	24.11 -0.19 0.00	25.19 -0.91 0.00	28.31 -0.49 0.00	29.79 -0.98 0.00	31.25 -0.70 0.00	34.26 0.17 0.00	35.82 -0.11 0.00	36.44 0.18 0.00	39.25 0.96 0.00	40.67 0.95 0.00	42.96 -0.22 0.00	49.11 -0.30 0.00	57.71 -0.70 0.00	51.16 -0.31 0.00	47.05 0.05 0.00	42.29 0.25 0.00	39.79 0.89 0.00	35.70 0.80 0.00	31.68 0.22 0.00
BAYONEEC___CTG1 323682	32.41 1.91 -3.57	29.96 1.61 -4.72	27.26 1.48 -3.32	25.23 1.33 -3.08	25.17 1.35 -2.80	25.89 1.58 0.00	27.98 1.88 0.00	31.07 2.27 0.00	33.42 2.65 0.00	34.73 2.78 0.00	36.85 2.76 0.00	38.76 2.84 0.00	39.19 2.94 0.00	41.36 3.06 0.00	43.01 3.29 0.00	47.10 3.93 0.00	54.15 4.74 0.00	63.96 5.55 0.00	56.04 4.58 0.00	50.81 3.81 0.00	44.93 2.90 0.00	41.60 2.72 0.02	37.09 2.20 0.00	33.70 2.23 0.00
BAYONEEC___CTG10 323750	32.41 1.91 -3.57	29.96 1.61 -4.72	27.26 1.48 -3.32	25.23 1.33 -3.08	25.17 1.35 -2.80	25.89 1.58 0.00	27.98 1.88 0.00	31.07 2.27 0.00	33.42 2.65 0.00	34.73 2.78 0.00	36.85 2.76 0.00	38.76 2.84 0.00	39.19 2.94 0.00	41.36 3.06 0.00	43.01 3.29 0.00	47.10 3.93 0.00	54.15 4.74 0.00	63.96 5.55 0.00	56.04 4.58 0.00	50.81 3.81 0.00	44.93 2.90 0.00	41.60 2.72 0.02	37.09 2.20 0.00	33.70 2.23 0.00
BAYONEEC___CTG2 323683	32.41 1.91 -3.57	29.96 1.61 -4.72	27.26 1.48 -3.32	25.23 1.33 -3.08	25.17 1.35 -2.80	25.89 1.58 0.00	27.98 1.88 0.00	31.07 2.27 0.00	33.42 2.65 0.00	34.73 2.78 0.00	36.85 2.76 0.00	38.76 2.84 0.00	39.19 2.94 0.00	41.36 3.06 0.00	43.01 3.29 0.00	47.10 3.93 0.00	54.15 4.74 0.00	63.96 5.55 0.00	56.04 4.58 0.00	50.81 3.81 0.00	44.93 2.90 0.00	41.60 2.72 0.02	37.09 2.20 0.00	33.70 2.23 0.00
BAYONEEC___CTG3 323684	32.41 1.91 -3.57	29.96 1.61 -4.72	27.26 1.48 -3.32	25.23 1.33 -3.08	25.17 1.35 -2.80	25.89 1.58 0.00	27.98 1.88 0.00	31.07 2.27 0.00	33.42 2.65 0.00	34.73 2.78 0.00	36.85 2.76 0.00	38.76 2.84 0.00	39.19 2.94 0.00	41.36 3.06 0.00	43.01 3.29 0.00	47.10 3.93 0.00	54.15 4.74 0.00	63.96 5.55 0.00	56.04 4.58 0.00	50.81 3.81 0.00	44.93 2.90 0.00	41.60 2.72 0.02	37.09 2.20 0.00	33.70 2.23 0.00
BAYONEEC___CTG4 323685	32.41 1.91 -3.57	29.96 1.61 -4.72	27.26 1.48 -3.32	25.23 1.33 -3.08	25.17 1.35 -2.80	25.89 1.58 0.00	27.98 1.88 0.00	31.07 2.27 0.00	33.42 2.65 0.00	34.73 2.78 0.00	36.85 2.76 0.00	38.76 2.84 0.00	39.19 2.94 0.00	41.36 3.06 0.00	43.01 3.29 0.00	47.10 3.93 0.00	54.15 4.74 0.00	63.96 5.55 0.00	56.04 4.58 0.00	50.81 3.81 0.00	44.93 2.90 0.00	41.60 2.72 0.02	37.09 2.20 0.00	33.70 2.23 0.00
BAYONEEC___CTG5 323686	32.41 1.91 -3.57	29.96 1.61 -4.72	27.26 1.48 -3.32	25.23 1.33 -3.08	25.17 1.35 -2.80	25.89 1.58 0.00	27.98 1.88 0.00	31.07 2.27 0.00	33.42 2.65 0.00	34.73 2.78 0.00	36.85 2.76 0.00	38.76 2.84 0.00	39.19 2.94 0.00	41.36 3.06 0.00	43.01 3.29 0.00	47.10 3.93 0.00	54.15 4.74 0.00	63.96 5.55 0.00	56.04 4.58 0.00	50.81 3.81 0.00	44.93 2.90 0.00	41.60 2.72 0.02	37.09 2.20 0.00	33.70 2.23 0.00
BAYONEEC___CTG6 323687	32.41 1.91 -3.57	29.96 1.61 -4.72	27.26 1.48 -3.32	25.23 1.33 -3.08	25.17 1.35 -2.80	25.89 1.58 0.00	27.98 1.88 0.00	31.07 2.27 0.00	33.42 2.65 0.00	34.73 2.78 0.00	36.85 2.76 0.00	38.76 2.84 0.00	39.19 2.94 0.00	41.36 3.06 0.00	43.01 3.29 0.00	47.10 3.93 0.00	54.15 4.74 0.00	63.96 5.55 0.00	56.04 4.58 0.00	50.81 3.81 0.00	44.93 2.90 0.00	41.60 2.72 0.02	37.09 2.20 0.00	33.70 2.23 0.00

BAYONEEC___CTG7 323688	32.41 1.91 -3.57	29.96 1.61 -4.72	27.26 1.48 -3.32	25.23 1.33 -3.08	25.17 1.35 -2.80	25.89 1.58 0.00	27.98 1.88 0.00	31.07 2.27 0.00	33.42 2.65 0.00	34.73 2.78 0.00	36.85 2.76 0.00	38.76 2.84 0.00	39.19 2.94 0.00	41.36 3.06 0.00	43.01 3.29 0.00	47.10 3.93 0.00	54.15 4.74 0.00	63.96 5.55 0.00	56.04 4.58 0.00	50.81 3.81 0.00	44.93 2.90 0.00	41.60 2.72 0.02	37.09 2.20 0.00	33.70 2.23 0.00
BAYONEEC___CTG8 323689	32.41 1.91 -3.57	29.96 1.61 -4.72	27.26 1.48 -3.32	25.23 1.33 -3.08	25.17 1.35 -2.80	25.89 1.58 0.00	27.98 1.88 0.00	31.07 2.27 0.00	33.42 2.65 0.00	34.73 2.78 0.00	36.85 2.76 0.00	38.76 2.84 0.00	39.19 2.94 0.00	41.36 3.06 0.00	43.01 3.29 0.00	47.10 3.93 0.00	54.15 4.74 0.00	63.96 5.55 0.00	56.04 4.58 0.00	50.81 3.81 0.00	44.93 2.90 0.00	41.60 2.72 0.02	37.09 2.20 0.00	33.70 2.23 0.00
BAYONEEC___CTG9 323749	32.41 1.91 -3.57	29.96 1.61 -4.72	27.26 1.48 -3.32	25.23 1.33 -3.08	25.17 1.35 -2.80	25.89 1.58 0.00	27.98 1.88 0.00	31.07 2.27 0.00	33.42 2.65 0.00	34.73 2.78 0.00	36.85 2.76 0.00	38.76 2.84 0.00	39.19 2.94 0.00	41.36 3.06 0.00	43.01 3.29 0.00	47.10 3.93 0.00	54.15 4.74 0.00	63.96 5.55 0.00	56.04 4.58 0.00	50.81 3.81 0.00	44.93 2.90 0.00	41.60 2.72 0.02	37.09 2.20 0.00	33.70 2.23 0.00
BEACON___LESR 323632	29.25 0.92 -1.40	26.29 0.80 -1.85	24.50 0.74 -1.30	22.73 0.71 -1.21	22.84 0.72 -1.10	25.08 0.78 0.00	26.93 0.83 0.00	29.74 0.95 0.00	31.85 1.08 0.00	33.07 1.12 0.00	35.18 1.09 0.00	37.11 1.18 0.00	37.45 1.19 0.00	39.52 1.23 0.00	41.02 1.31 0.00	44.77 1.60 0.00	51.43 2.03 0.00	61.04 2.63 0.00	53.83 2.37 0.00	49.12 2.12 0.00	43.88 1.85 0.00	40.56 1.67 0.00	36.04 1.15 0.00	32.50 1.04 0.00
BEAVER RIVER___HYD 24048	26.31 -0.62 0.00	23.10 -0.54 0.00	21.92 -0.54 0.00	20.36 -0.46 0.00	20.57 -0.46 0.00	23.77 -0.53 0.00	25.65 -0.44 0.00	28.28 -0.52 0.00	30.00 -0.77 0.00	31.09 -0.86 0.00	33.13 -0.95 0.00	34.88 -1.04 0.00	35.17 -1.09 0.00	37.30 -1.00 0.00	38.56 -1.15 0.00	42.01 -1.16 0.00	45.11 -1.48 2.81	57.07 -1.34 0.00	50.28 -1.18 0.00	46.49 -0.52 0.00	41.78 -0.25 0.00	38.58 -0.31 0.00	34.44 -0.45 0.00	30.86 -0.60 0.00
BEEBEE_GT_13 23619	27.01 0.08 0.00	23.73 0.09 0.00	22.35 -0.11 0.00	20.71 -0.10 0.00	20.90 -0.13 0.00	23.82 -0.49 0.00	25.10 -0.99 0.00	28.10 -0.69 0.00	29.69 -1.08 0.00	31.22 -0.73 0.00	33.95 -0.14 0.00	35.64 -0.29 0.00	36.14 -0.11 0.00	38.71 0.42 0.00	40.11 0.40 0.00	42.74 -0.43 0.00	48.86 -0.54 0.00	57.53 -0.88 0.00	50.85 -0.62 0.00	46.68 -0.33 0.00	41.87 -0.17 0.00	39.20 0.31 0.00	35.10 0.21 0.00	31.27 -0.19 0.00
BENSHRST_27_KV_BENSHRST_1 355998	32.82 2.32 -3.57	30.34 1.99 -4.72	27.64 1.86 -3.32	25.59 1.69 -3.09	25.51 1.68 -2.80	26.35 2.04 0.00	28.47 2.37 0.00	31.47 2.68 0.00	36.05 3.08 -2.20	37.40 3.26 -2.19	37.39 3.31 0.00	39.23 3.30 0.00	39.55 3.30 0.00	41.78 3.48 0.00	43.60 3.89 0.00	62.75 4.49 -15.09	60.03 5.34 -5.29	64.66 6.25 0.00	77.37 5.40 -20.50	60.10 4.56 -8.54	45.52 3.49 0.00	41.85 2.96 0.00	37.58 2.69 0.00	34.29 2.83 0.00
BETHLEHEM___GRP 23843	28.74 0.43 -1.38	25.87 0.40 -1.83	24.13 0.38 -1.28	22.38 0.37 -1.19	22.49 0.38 -1.08	24.74 0.44 0.00	26.54 0.44 0.00	29.22 0.43 0.00	31.32 0.55 0.00	32.53 0.58 0.00	34.60 0.51 0.00	36.50 0.57 0.00	36.80 0.54 0.00	38.83 0.54 0.00	40.31 0.60 0.00	43.95 0.78 0.00	50.44 1.04 0.00	59.69 1.28 0.00	52.65 1.18 0.00	48.04 1.03 0.00	42.92 0.88 0.00	39.59 0.70 0.00	35.34 0.45 0.00	31.87 0.41 0.00
BETHLEHEM___GS1 323560	28.72 0.40 -1.38	25.84 0.38 -1.83	24.11 0.36 -1.28	22.36 0.35 -1.19	22.49 0.38 -1.08	24.67 0.37 0.00	26.46 0.37 0.00	29.23 0.43 0.00	31.32 0.55 0.00	32.53 0.58 0.00	34.57 0.48 0.00	36.46 0.54 0.00	36.80 0.54 0.00	38.83 0.54 0.00	40.27 0.56 0.00	43.91 0.73 0.00	50.44 1.04 0.00	59.69 1.28 0.00	52.65 1.18 0.00	48.04 1.03 0.00	42.87 0.84 0.00	39.63 0.74 0.00	35.28 0.38 0.00	31.87 0.41 0.00
BETHLEHEM___GS2 323561	28.72 0.40 -1.38	25.84 0.38 -1.83	24.11 0.36 -1.28	22.36 0.35 -1.19	22.49 0.38 -1.08	24.67 0.37 0.00	26.46 0.37 0.00	29.23 0.43 0.00	31.32 0.55 0.00	32.53 0.58 0.00	34.57 0.48 0.00	36.46 0.54 0.00	36.80 0.54 0.00	38.83 0.54 0.00	40.27 0.56 0.00	43.91 0.73 0.00	50.44 1.04 0.00	59.69 1.28 0.00	52.65 1.18 0.00	48.04 1.03 0.00	42.87 0.84 0.00	39.63 0.74 0.00	35.28 0.38 0.00	31.87 0.41 0.00
BETHLEHEM___GS3 323562	28.72 0.40 -1.38	25.84 0.38 -1.83	24.11 0.36 -1.28	22.36 0.35 -1.19	22.49 0.38 -1.08	24.67 0.37 0.00	26.46 0.37 0.00	29.23 0.43 0.00	31.32 0.55 0.00	32.53 0.58 0.00	34.57 0.48 0.00	36.46 0.54 0.00	36.80 0.54 0.00	38.83 0.54 0.00	40.27 0.56 0.00	43.91 0.73 0.00	50.44 1.04 0.00	59.69 1.28 0.00	52.65 1.18 0.00	48.04 1.03 0.00	42.87 0.84 0.00	39.63 0.74 0.00	35.28 0.38 0.00	31.87 0.41 0.00
BETHLEHEM___STEEL 23779	27.36 0.43 0.00	24.02 0.38 0.00	22.55 0.09 0.00	20.92 0.10 0.00	21.11 0.08 0.00	23.92 -0.39 0.00	25.08 -1.02 0.00	28.02 -0.78 0.00	29.51 -1.26 0.00	31.09 -0.86 0.00	34.30 0.20 0.00	35.82 -0.11 0.00	36.47 0.22 0.00	39.29 1.00 0.00	40.71 0.99 0.00	42.97 -0.22 -0.01	49.21 -0.20 0.00	57.54 -0.88 -0.01	50.96 -0.51 0.00	46.77 -0.24 0.00	41.87 -0.17 0.00	39.40 0.51 0.00	35.52 0.63 0.00	31.59 0.13 0.00
BETHLHEM_115KV_TB1 79974	28.79 0.48 -1.38	25.91 0.45 -1.82	24.17 0.43 -1.28	22.42 0.42 -1.19	22.53 0.42 -1.08	24.79 0.49 0.00	26.59 0.50 0.00	29.31 0.52 0.00	31.39 0.62 0.00	32.59 0.64 0.00	34.70 0.61 0.00	36.57 0.65 0.00	36.91 0.65 0.00	38.94 0.65 0.00	40.39 0.68 0.00	44.04 0.86 0.00	50.59 1.19 0.00	59.87 1.46 0.00	52.80 1.34 0.00	48.18 1.18 0.00	43.00 0.97 0.00	39.67 0.78 0.00	35.41 0.52 0.00	31.97 0.50 0.00
BETHPAGE_CC_5 323564	36.55 2.23 -7.39	33.57 1.89 -8.05	31.11 1.80 -6.85	28.76 1.64 -6.30	25.49 1.66 -2.80	29.64 1.92 -3.41	28.26 2.16 0.00	34.52 2.56 -3.16	36.06 2.95 -2.34	36.42 3.00 -1.47	36.47 2.39 0.00	38.37 2.44 0.00	38.97 2.72 0.00	41.28 2.99 0.00	43.08 3.37 0.00	47.15 3.97 0.00	54.39 4.99 0.00	64.54 6.13 0.00	56.51 5.05 0.00	50.77 3.76 0.00	45.02 2.98 0.00	43.80 3.04 -1.87	36.77 1.88 0.01	33.73 2.27 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	27.42 0.48 0.00	24.06 0.43 0.00	22.58 0.11 0.00	20.94 0.12 0.00	21.16 0.13 0.00	23.97 -0.34 0.00	25.16 -0.94 0.00	28.13 -0.66 0.00	29.67 -1.11 0.00	31.25 -0.70 0.00	34.50 0.41 0.00	36.00 0.07 0.00	36.69 0.44 0.00	39.56 1.26 0.00	40.95 1.23 0.00	43.27 0.09 -0.01	49.56 0.15 0.00	57.89 -0.53 -0.01	51.16 -0.31 0.00	46.91 -0.09 0.00	42.00 -0.04 0.00	39.52 0.62 0.00	35.63 0.73 0.00	31.68 0.22 0.00

BINGHAMTON___COGEN 23790	26.84 0.32 0.42	23.37 0.28 0.55	22.23 0.16 0.39	20.60 0.15 0.36	20.85 0.15 0.33	24.40 0.10 0.00	26.07 -0.03 0.00	28.88 0.09 0.00	30.68 -0.09 0.00	32.05 0.10 0.00	34.50 0.41 0.00	36.32 0.40 0.00	36.76 0.51 0.00	39.10 0.80 0.00	40.55 0.83 0.00	43.74 0.56 0.00	50.15 0.74 0.00	59.22 0.82 0.00	52.24 0.77 0.00	47.76 0.75 0.00	42.75 0.71 0.00	39.63 0.74 0.00	35.55 0.66 0.00	31.81 0.35 0.00
BIXINCNT_115KV_LOAD 355685	27.50 0.57 0.00	24.09 0.45 0.00	22.64 0.18 0.00	21.00 0.19 0.00	21.22 0.19 0.00	24.11 -0.19 0.00	25.47 -0.63 0.00	28.36 -0.43 0.00	29.91 -0.86 0.00	31.51 -0.45 0.00	34.74 0.65 0.00	36.25 0.32 0.00	36.94 0.69 0.00	39.64 1.34 0.00	41.06 1.35 0.00	43.40 0.22 -0.01	49.75 0.35 0.00	58.18 -0.23 -0.01	51.52 0.05 0.00	47.24 0.24 0.00	42.33 0.29 0.00	39.67 0.78 0.00	35.91 1.01 0.00	31.87 0.41 0.00
BLACK RIVER___HYD 24047	26.42 -0.51 0.00	23.17 -0.47 0.00	21.99 -0.47 0.00	20.44 -0.37 0.00	20.63 -0.40 0.00	23.84 -0.46 0.00	25.73 -0.37 0.00	28.33 -0.46 0.00	30.00 -0.77 0.00	31.12 -0.83 0.00	33.17 -0.92 0.00	34.92 -1.01 0.00	35.17 -1.09 0.00	37.37 -0.92 0.00	38.56 -1.15 0.00	42.05 -1.12 0.00	45.83 -1.43 2.14	57.24 -1.17 0.00	50.59 -0.88 0.00	47.00 0.00 0.00	42.29 0.25 0.00	39.09 0.20 0.00	34.72 -0.17 0.00	31.02 -0.44 0.00
BLACKRVR_115KV_TB2 79977	26.39 -0.54 0.00	23.17 -0.47 0.00	21.99 -0.47 0.00	20.40 -0.42 0.00	20.61 -0.42 0.00	23.75 -0.56 0.00	25.65 -0.44 0.00	28.33 -0.46 0.00	30.00 -0.77 0.00	31.12 -0.83 0.00	33.13 -0.95 0.00	34.88 -1.04 0.00	35.13 -1.12 0.00	37.37 -0.92 0.00	38.56 -1.15 0.00	42.01 -1.17 0.00	45.79 -1.48 2.14	57.24 -1.17 0.00	50.54 -0.93 0.00	46.96 -0.05 0.00	42.20 0.17 0.00	39.13 0.23 0.00	34.68 -0.21 0.00	30.99 -0.47 0.00
BLISS_WT_PWR 323608	27.47 0.54 0.00	23.59 -0.05 0.00	22.44 -0.02 0.00	20.65 -0.17 0.00	20.91 -0.13 0.00	24.11 -0.20 0.00	25.37 -0.73 0.00	28.31 -0.49 0.00	29.91 -0.86 0.00	31.73 -0.22 0.00	35.08 0.99 0.00	36.71 0.79 0.00	37.31 1.05 0.00	39.90 1.61 0.00	41.30 1.59 0.00	43.66 0.48 -0.01	50.00 0.59 0.00	58.47 0.06 -0.01	51.93 0.46 0.00	47.52 0.52 0.00	43.17 1.14 0.00	39.98 1.09 0.00	36.39 1.50 0.00	32.06 0.60 0.00
BLUESTONE___WT_PWR 323821	29.47 2.99 0.45	25.50 2.46 0.60	24.34 2.29 0.42	22.61 2.19 0.39	22.86 2.19 0.35	26.84 2.53 0.00	29.10 3.00 0.00	31.90 3.11 0.00	33.85 3.08 0.00	35.27 3.32 0.00	37.74 3.65 0.00	39.62 3.70 0.00	39.99 3.73 0.00	42.77 4.48 0.00	44.51 4.80 0.00	48.66 5.48 0.00	55.68 6.28 0.00	66.64 8.24 0.00	58.36 6.90 0.00	53.82 6.81 0.00	48.34 6.30 0.00	44.57 5.68 0.00	39.32 4.43 0.00	35.08 3.62 0.00
BLUE_CIRC_CHEM_DRP 24182	29.22 0.83 -1.46	26.32 0.76 -1.93	24.54 0.72 -1.36	22.74 0.67 -1.26	22.87 0.69 -1.14	25.09 0.78 0.00	26.88 0.78 0.00	29.57 0.78 0.00	31.60 0.83 0.00	32.78 0.83 0.00	34.84 0.75 0.00	36.75 0.83 0.00	37.01 0.76 0.00	39.10 0.80 0.00	40.55 0.83 0.00	44.21 1.04 0.00	50.84 1.43 0.00	60.22 1.81 0.00	53.22 1.75 0.00	48.60 1.60 0.00	43.50 1.47 0.00	40.14 1.24 0.00	35.87 0.98 0.00	32.34 0.88 0.00
BOC_GAS_DRP 24189	28.90 0.62 -1.35	25.97 0.54 -1.79	24.24 0.52 -1.26	22.48 0.50 -1.17	22.59 0.50 -1.06	24.89 0.58 0.00	26.70 0.60 0.00	29.46 0.66 0.00	31.54 0.77 0.00	32.75 0.80 0.00	34.87 0.78 0.00	36.75 0.83 0.00	37.09 0.83 0.00	39.17 0.88 0.00	40.62 0.91 0.00	44.30 1.12 0.00	50.84 1.43 0.00	60.10 1.69 0.00	52.96 1.49 0.00	48.32 1.32 0.00	43.13 1.09 0.00	39.79 0.89 0.00	35.59 0.70 0.00	32.12 0.66 0.00
BOONVILLE_115KV_TB1 79983	27.28 0.35 0.00	23.95 0.31 0.00	22.73 0.27 0.00	21.09 0.27 0.00	21.28 0.25 0.00	24.55 0.24 0.00	26.46 0.37 0.00	29.22 0.43 0.00	31.11 0.34 0.00	32.33 0.38 0.00	34.53 0.44 0.00	36.35 0.43 0.00	36.69 0.44 0.00	38.98 0.69 0.00	40.43 0.71 0.00	44.00 0.82 0.00	49.25 0.89 1.05	59.81 1.40 0.00	52.60 1.13 0.00	48.32 1.32 0.00	43.29 1.26 0.00	40.06 1.17 0.00	35.66 0.77 0.00	31.97 0.50 0.00
BORALEX_4TH_BRANCH 23824	29.85 1.40 -1.51	26.82 1.18 -2.00	25.08 1.21 -1.41	23.25 1.12 -1.31	23.35 1.14 -1.19	25.64 1.34 0.00	27.43 1.33 0.00	30.29 1.50 0.00	32.46 1.69 0.00	33.77 1.82 0.00	35.86 1.77 0.00	37.79 1.87 0.00	38.14 1.89 0.00	40.21 1.91 0.00	41.66 1.95 0.00	45.42 2.25 0.00	52.37 2.96 0.00	61.79 3.39 0.00	54.61 3.14 0.00	49.82 2.82 0.00	44.51 2.48 0.00	41.03 2.14 0.00	36.57 1.67 0.00	33.00 1.54 0.00
BOWLINE___1 23526	32.48 1.43 -4.12	30.29 1.20 -5.45	27.46 1.17 -3.83	25.46 1.08 -3.56	25.35 1.09 -3.23	25.57 1.26 0.00	27.53 1.43 0.00	30.46 1.67 0.00	32.71 1.94 0.00	33.93 1.98 0.00	36.06 1.98 0.00	37.97 2.05 0.00	38.43 2.17 0.00	40.59 2.30 0.00	42.13 2.42 0.00	46.11 2.94 0.00	52.96 3.56 0.00	62.61 4.21 0.00	54.97 3.50 0.00	49.87 2.87 0.00	44.30 2.27 0.00	41.07 2.18 0.00	36.53 1.64 0.00	33.13 1.67 0.00
BOWLINE___2 23595	32.50 1.45 -4.12	30.31 1.23 -5.44	27.48 1.19 -3.83	25.45 1.08 -3.55	25.35 1.09 -3.23	25.57 1.26 0.00	27.56 1.46 0.00	30.49 1.70 0.00	32.74 1.97 0.00	33.96 2.01 0.00	36.10 2.01 0.00	38.01 2.08 0.00	38.46 2.21 0.00	40.63 2.34 0.00	42.17 2.46 0.00	46.15 2.98 0.00	52.96 3.56 0.00	62.61 4.21 0.00	54.97 3.50 0.00	49.87 2.87 0.00	44.34 2.31 0.00	41.11 2.22 0.00	36.60 1.71 0.00	33.19 1.73 0.00
BRADY___115KV_TB2 356060	26.45 -0.48 0.00	23.26 -0.38 0.00	22.15 -0.31 0.00	20.51 -0.31 0.00	20.72 -0.32 0.00	23.97 -0.34 0.00	25.89 -0.21 0.00	28.50 -0.29 0.00	30.34 -0.43 0.00	31.25 -0.70 0.00	33.30 -0.78 0.00	35.06 -0.86 0.00	35.38 -0.87 0.00	37.26 -1.03 0.00	38.48 -1.23 0.00	41.79 -1.38 0.00	37.99 -2.27 9.15	55.78 -2.63 0.00	49.14 -2.32 0.01	45.17 -1.83 0.00	40.73 -1.30 0.00	38.15 -0.74 0.00	34.30 -0.59 0.00	31.05 -0.41 0.00
BRANSCOMB___SOLAR 323811	29.92 1.67 -1.32	26.83 1.44 -1.75	25.02 1.33 -1.23	23.21 1.25 -1.14	23.33 1.26 -1.04	25.69 1.38 0.00	27.63 1.54 0.00	30.43 1.64 0.00	32.65 1.88 0.00	33.87 1.92 0.00	35.96 1.87 0.00	37.93 2.01 0.00	38.28 2.03 0.00	40.24 1.95 0.00	41.66 1.95 0.00	45.42 2.24 0.00	52.27 2.86 0.00	62.09 3.68 0.00	55.12 3.65 0.00	50.43 3.43 0.00	45.35 3.32 0.00	41.81 2.92 0.00	37.09 2.20 0.00	33.38 1.92 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	36.96 2.64 -7.39	33.95 2.27 -8.05	31.47 2.16 -6.85	29.10 1.98 -6.30	25.85 2.02 -2.80	30.13 2.41 -3.41	28.76 2.66 0.00	34.95 2.99 -3.16	36.49 3.38 -2.34	37.00 3.58 -1.47	36.71 2.62 0.00	38.69 2.77 0.00	39.33 3.08 0.00	41.62 3.29 -0.03	43.36 3.65 0.00	47.45 4.27 0.00	54.59 5.19 0.00	64.77 6.37 0.00	56.77 5.30 0.00	50.95 3.95 0.00	45.65 3.61 0.00	66.75 3.31 -24.55	37.12 2.23 0.01	34.14 2.67 0.00

BRISTLHL_115KV_TB1 79998	26.20 -0.73 0.00	22.98 -0.66 0.00	21.81 -0.65 0.00	20.21 -0.60 0.00	20.42 -0.61 0.00	23.48 -0.83 0.00	25.10 -0.99 0.00	27.84 -0.95 0.00	29.60 -1.17 0.00	30.90 -1.05 0.00	33.13 -0.95 0.00	34.95 -0.97 0.00	35.27 -0.98 0.00	37.49 -0.80 0.00	38.88 -0.83 0.00	42.01 -1.17 0.00	47.89 -1.24 0.28	56.95 -1.46 0.00	50.18 -1.29 0.00	45.92 -1.08 0.00	41.11 -0.92 0.00	38.11 -0.78 0.00	34.12 -0.77 0.00	30.55 -0.91 0.00
BROOKHAVEN___DRP 24191	36.63 2.32 -7.39	33.65 1.96 -8.05	31.15 1.84 -6.85	28.83 1.71 -6.30	25.60 1.77 -2.80	29.81 2.09 -3.41	28.42 2.32 0.00	34.58 2.62 -3.16	36.03 2.92 -2.34	36.55 3.13 -1.47	36.30 2.22 0.00	38.26 2.33 0.00	38.94 2.68 0.00	41.21 2.91 0.00	43.17 3.45 0.00	47.23 4.06 0.00	54.85 5.43 -0.01	65.13 6.72 -0.01	57.09 5.61 -0.01	51.19 4.18 0.00	45.56 3.53 0.00	44.87 2.99 -2.99	36.77 1.88 0.01	33.88 2.42 0.00
BROOKLYN_NAVY_YARD 23515	32.38 1.88 -3.57	29.94 1.58 -4.72	27.26 1.48 -3.32	25.21 1.31 -3.08	25.13 1.30 -2.80	25.86 1.56 0.00	27.98 1.88 0.00	31.07 2.27 0.00	33.45 2.68 0.00	34.73 2.78 0.00	36.88 2.80 0.00	38.80 2.87 0.00	39.26 3.01 0.00	41.43 3.14 0.00	43.13 3.42 0.00	47.28 4.10 0.00	54.30 4.89 0.00	64.19 5.78 0.00	56.25 4.79 0.00	50.95 3.95 0.00	45.02 2.98 0.00	41.69 2.80 0.00	37.13 2.24 0.00	33.73 2.27 0.00
BROOKLYN___ARMY_DRP 323595	32.65 2.15 -3.57	30.22 1.87 -4.72	27.53 1.75 -3.32	25.49 1.58 -3.09	25.42 1.60 -2.80	26.23 1.92 0.00	28.34 2.24 0.00	31.33 2.53 0.00	35.86 2.89 -2.20	37.21 3.07 -2.19	37.19 3.10 0.00	39.01 3.09 0.00	39.33 3.08 0.00	41.55 3.25 0.00	43.33 3.61 0.00	62.45 4.19 -15.09	59.68 4.99 -5.29	64.19 5.78 0.00	76.95 4.99 -20.50	59.73 4.18 -8.54	45.23 3.19 0.00	41.58 2.68 0.00	37.37 2.48 0.00	34.10 2.64 0.00
BROOKVLE_69_KV_TB1 55790	36.82 2.50 -7.39	33.81 2.13 -8.05	31.31 2.00 -6.85	28.95 1.83 -6.30	25.66 1.83 -2.80	29.96 2.24 -3.41	28.57 2.48 0.00	34.78 2.82 -3.16	36.34 3.23 -2.34	36.84 3.42 -1.47	37.22 3.14 0.00	39.30 3.38 0.00	39.81 3.55 0.00	41.89 3.60 0.00	43.80 4.09 0.00	47.88 4.71 0.00	55.28 5.88 0.00	65.47 7.07 0.00	57.33 5.87 0.00	51.61 4.61 0.00	45.82 3.78 0.00	42.28 3.38 0.00	37.61 2.72 0.00	34.32 2.86 0.00
BROOME_2_LFGE 323671	26.84 0.32 0.42	23.23 0.14 0.55	22.21 0.14 0.39	20.52 0.06 0.36	20.79 0.08 0.33	24.43 0.12 0.00	26.07 -0.03 0.00	28.85 0.06 0.00	30.68 -0.09 0.00	32.08 0.13 0.00	34.57 0.48 0.00	36.46 0.54 0.00	36.87 0.62 0.00	39.17 0.88 0.00	40.58 0.87 0.00	43.82 0.65 0.00	50.24 0.84 0.00	59.28 0.88 0.00	52.34 0.87 0.00	47.85 0.85 0.00	42.96 0.92 0.00	39.79 0.90 0.00	35.69 0.80 0.00	31.87 0.41 0.00
BROOME___LFGE 323600	26.84 0.32 0.42	23.23 0.14 0.55	22.21 0.14 0.39	20.52 0.06 0.36	20.79 0.08 0.33	24.43 0.12 0.00	26.07 -0.03 0.00	28.85 0.06 0.00	30.68 -0.09 0.00	32.08 0.13 0.00	34.57 0.48 0.00	36.46 0.54 0.00	36.87 0.62 0.00	39.17 0.88 0.00	40.58 0.87 0.00	43.82 0.65 0.00	50.24 0.84 0.00	59.28 0.88 0.00	52.34 0.87 0.00	47.85 0.85 0.00	42.96 0.92 0.00	39.79 0.90 0.00	35.69 0.80 0.00	31.87 0.41 0.00
BROWNFLS_115KV_TB 3_5 80003	25.93 -1.00 0.00	22.76 -0.87 0.00	21.66 -0.81 0.00	20.07 -0.75 0.00	20.27 -0.76 0.00	23.43 -0.88 0.00	25.31 -0.78 0.00	27.93 -0.86 0.00	29.69 -1.08 0.00	30.67 -1.28 0.00	32.69 -1.40 0.00	34.41 -1.51 0.00	34.69 -1.56 0.00	36.72 -1.57 0.00	37.92 -1.79 0.00	41.28 -1.90 0.00	41.89 -2.62 4.90	55.60 -2.80 0.00	48.99 -2.47 0.00	45.12 -1.88 0.00	40.60 -1.43 0.00	37.84 -1.05 0.00	33.77 -1.12 0.00	30.42 -1.04 0.00
BROWNSV1_27_KV_LOAD 356125	32.68 2.18 -3.57	30.22 1.87 -4.72	27.53 1.75 -3.32	25.46 1.56 -3.08	25.38 1.56 -2.80	26.25 1.94 0.00	28.39 2.30 0.00	31.38 2.59 0.00	33.76 2.98 0.00	35.11 3.16 0.00	37.33 3.24 0.00	39.34 3.41 0.00	39.62 3.37 0.00	41.89 3.60 0.00	43.60 3.89 0.00	47.80 4.62 0.00	54.89 5.48 0.00	64.89 6.48 0.00	56.92 5.46 0.00	51.56 4.56 0.00	45.65 3.61 0.00	42.00 3.11 0.00	37.68 2.79 0.00	34.10 2.64 0.00
BURROWS___LYONSDAL 23803	27.09 0.16 0.00	23.78 0.14 0.00	22.58 0.11 0.00	20.94 0.12 0.00	21.14 0.11 0.00	24.38 0.07 0.00	26.30 0.21 0.00	29.05 0.26 0.00	30.89 0.12 0.00	32.11 0.16 0.00	34.26 0.17 0.00	36.07 0.14 0.00	36.40 0.15 0.00	38.64 0.34 0.00	40.07 0.36 0.00	43.61 0.43 0.00	48.46 0.44 1.39	59.28 0.88 0.00	52.19 0.72 0.00	47.99 0.99 0.00	43.04 1.01 0.00	39.83 0.93 0.00	35.41 0.52 0.00	31.78 0.31 0.00
CAITHNESS_CC_1 323624	36.60 2.29 -7.39	33.57 1.89 -8.05	31.11 1.80 -6.85	28.76 1.64 -6.30	25.56 1.72 -2.80	29.66 1.95 -3.41	28.26 2.16 0.00	34.52 2.56 -3.16	36.00 2.89 -2.34	36.48 3.07 -1.47	36.20 2.11 0.00	38.04 2.12 0.00	38.79 2.54 0.00	41.13 2.83 0.00	43.01 3.29 0.00	47.10 3.93 0.00	54.60 5.19 -0.01	64.84 6.42 -0.01	56.78 5.30 -0.01	50.90 3.90 0.00	45.02 2.98 0.00	45.01 3.19 -2.92	36.52 1.64 0.01	33.57 2.11 0.00
CALPINE BETH_PAGE_GT4 24209	36.55 2.24 -7.39	33.62 1.94 -8.05	31.13 1.82 -6.85	28.78 1.67 -6.30	25.49 1.66 -2.80	29.76 2.04 -3.41	28.37 2.27 0.00	34.52 2.56 -3.16	36.03 2.92 -2.34	36.42 3.00 -1.47	36.54 2.45 0.00	38.55 2.62 0.00	39.08 2.83 0.00	41.28 2.99 0.00	43.13 3.42 0.00	47.15 3.97 0.00	54.49 5.09 0.00	64.60 6.19 0.00	56.61 5.15 0.00	50.91 3.90 0.00	45.27 3.24 0.00	43.11 2.84 -1.38	37.08 2.20 0.01	33.92 2.45 0.00
CALPINE_BETH_PAGE_GT_4 323586	36.55 2.23 -7.39	33.57 1.89 -8.05	31.11 1.80 -6.85	28.74 1.62 -6.30	25.47 1.64 -2.80	29.64 1.92 -3.41	28.24 2.14 0.00	34.52 2.56 -3.16	36.03 2.92 -2.34	36.35 2.94 -1.47	36.47 2.39 0.00	38.40 2.48 0.00	38.97 2.72 0.00	41.28 2.99 0.00	43.08 3.37 0.00	47.15 3.97 0.00	54.39 4.99 0.00	64.54 6.13 0.00	56.51 5.05 0.00	50.77 3.76 0.00	45.02 2.98 0.00	43.31 3.04 -1.38	36.77 1.88 0.01	33.76 2.30 0.00
CALPINE_BP_GT1 23823	36.55 2.23 -7.39	33.57 1.89 -8.05	31.11 1.80 -6.85	28.74 1.62 -6.30	25.47 1.64 -2.80	29.64 1.92 -3.41	28.24 2.14 0.00	34.52 2.56 -3.16	36.03 2.92 -2.34	36.35 2.94 -1.47	36.47 2.39 0.00	38.40 2.48 0.00	38.97 2.72 0.00	41.28 2.99 0.00	43.08 3.37 0.00	47.15 3.97 0.00	54.39 4.99 0.00	64.54 6.13 0.00	56.51 5.05 0.00	50.77 3.76 0.00	45.02 2.98 0.00	43.31 3.04 -1.38	36.77 1.88 0.01	33.76 2.30 0.00
CALSPAN___DRP 24200	27.36 0.43 0.00	24.02 0.38 0.00	22.55 0.09 0.00	20.92 0.10 0.00	21.11 0.08 0.00	23.92 -0.39 0.00	25.08 -1.02 0.00	28.02 -0.78 0.00	29.51 -1.26 0.00	31.09 -0.86 0.00	34.30 0.20 0.00	35.82 -0.11 0.00	36.47 0.22 0.00	39.29 1.00 0.00	40.71 0.99 0.00	42.97 -0.22 0.00	49.21 -0.20 0.00	57.54 -0.88 -0.01	50.96 -0.51 0.00	46.77 -0.24 0.00	41.87 -0.17 0.00	39.40 0.51 0.00	35.52 0.63 0.00	31.59 0.13 0.00

CALVERTON___SOLAR 323806	36.71 2.40 -7.39	33.67 1.99 -8.05	31.20 1.89 -6.85	28.85 1.73 -6.30	25.62 1.79 -2.80	29.74 2.02 -3.41	28.34 2.24 0.00	34.60 2.65 -3.16	36.09 2.98 -2.34	36.58 3.16 -1.47	36.34 2.25 0.00	38.22 2.30 0.00	38.97 2.72 0.00	41.36 3.06 0.00	43.29 3.58 0.00	47.36 4.19 0.00	55.04 5.63 -0.01	65.42 7.01 -0.01	57.34 5.86 -0.01	51.33 4.32 0.00	45.40 3.36 0.00	45.43 3.54 -3.00	36.73 1.85 0.01	33.76 2.30 0.00
CANDIGU_WT_PWR 323617	27.44 0.51 0.00	23.73 0.09 0.00	22.53 0.07 0.00	20.76 -0.06 0.00	21.03 0.00 0.00	24.28 -0.02 0.00	25.65 -0.44 0.00	28.56 -0.23 0.00	30.16 -0.62 0.00	31.79 -0.16 0.00	34.74 0.65 0.00	36.57 0.65 0.00	36.98 0.72 0.00	39.52 1.23 0.00	40.90 1.19 0.00	43.65 0.48 0.00	50.05 0.64 0.00	58.87 0.47 0.00	52.13 0.67 0.00	47.75 0.75 0.00	43.13 1.09 0.00	40.06 1.17 0.00	36.15 1.25 0.00	32.03 0.57 0.00
CARR STREET_E_SYR 24060	26.53 -0.40 0.00	23.31 -0.33 0.00	22.13 -0.34 0.00	20.46 -0.35 0.00	20.67 -0.36 0.00	23.92 -0.39 0.00	25.55 -0.55 0.00	28.19 -0.61 0.00	29.97 -0.80 0.00	31.34 -0.61 0.00	33.64 -0.44 0.00	35.53 -0.39 0.00	35.78 -0.47 0.00	38.03 -0.27 0.00	39.39 -0.32 0.00	42.53 -0.65 0.00	48.59 -0.64 0.17	57.59 -0.82 0.00	50.75 -0.72 0.00	46.44 -0.56 0.00	41.61 -0.42 0.00	38.58 -0.31 0.00	34.65 -0.24 0.00	30.96 -0.50 0.00
CARTHAGE___PAPER 23857	26.31 -0.62 0.00	23.10 -0.54 0.00	21.92 -0.54 0.00	20.36 -0.46 0.00	20.57 -0.46 0.00	23.77 -0.53 0.00	25.68 -0.42 0.00	28.30 -0.49 0.00	30.00 -0.77 0.00	31.06 -0.89 0.00	33.07 -1.02 0.00	34.81 -1.11 0.00	35.09 -1.16 0.00	37.22 -1.07 0.00	38.44 -1.27 0.00	41.88 -1.29 0.00	45.38 -1.63 2.40	57.00 -1.40 0.00	50.33 -1.13 0.00	46.58 -0.42 0.00	41.95 -0.08 0.00	38.70 -0.19 0.00	34.51 -0.38 0.00	30.86 -0.60 0.00
CASSADAGA_WT_PWR 323784	28.22 1.29 0.00	24.23 0.59 0.00	23.00 0.54 0.00	21.15 0.33 0.00	21.45 0.42 0.00	24.75 0.44 0.00	26.02 -0.08 0.00	29.11 0.32 0.00	30.80 0.03 0.00	32.69 0.74 0.00	36.20 2.11 0.00	37.97 2.05 0.00	38.61 2.36 0.00	41.44 3.14 0.00	42.77 3.06 0.00	45.25 2.07 -0.01	51.68 2.27 0.00	60.34 1.92 -0.01	53.63 2.16 0.00	49.07 2.07 0.00	44.60 2.56 0.00	41.31 2.41 0.00	37.51 2.62 0.00	32.94 1.48 0.00
CE_DUNWOOD___DRP 24194	32.27 1.72 -3.61	29.90 1.49 -4.77	27.21 1.39 -3.36	25.20 1.27 -3.12	25.14 1.28 -2.83	25.91 1.60 0.00	27.92 1.83 0.00	30.81 2.02 0.00	33.11 2.34 0.00	34.41 2.46 0.00	36.54 2.45 0.00	38.55 2.62 0.00	38.86 2.61 0.00	41.09 2.80 0.00	42.73 3.02 0.00	46.76 3.58 0.00	53.75 4.35 0.00	63.55 5.14 0.00	55.74 4.27 0.00	50.58 3.57 0.00	44.93 2.90 0.00	41.34 2.45 0.00	37.02 2.13 0.00	33.51 2.05 0.00
CE_MILLWOOD___DRP 24193	32.29 1.67 -3.69	29.93 1.42 -4.87	27.24 1.35 -3.42	25.22 1.23 -3.18	25.16 1.24 -2.89	25.84 1.53 0.00	27.87 1.77 0.00	30.72 1.93 0.00	33.02 2.25 0.00	34.28 2.33 0.00	36.44 2.35 0.00	38.40 2.48 0.00	38.75 2.50 0.00	40.97 2.68 0.00	42.61 2.90 0.00	46.59 3.41 0.00	53.55 4.15 0.00	63.31 4.91 0.00	55.58 4.12 0.00	50.44 3.43 0.00	44.81 2.77 0.00	41.26 2.37 0.00	36.91 2.02 0.00	33.41 1.95 0.00
CE_NYC2_DRP 24202	32.55 2.05 -3.57	30.13 1.77 -4.72	27.44 1.66 -3.32	25.40 1.50 -3.08	25.32 1.49 -2.80	26.13 1.82 0.00	28.26 2.17 0.00	31.21 2.42 0.00	35.77 2.80 -2.20	35.24 2.97 -0.31	37.09 3.00 0.00	38.90 2.98 0.00	39.19 2.94 0.00	41.36 3.06 0.00	43.09 3.38 0.00	48.81 3.89 -1.75	54.04 4.64 0.01	63.84 5.43 0.00	52.00 4.63 4.10	49.32 3.85 1.54	44.98 2.94 0.00	41.38 2.49 0.00	37.23 2.34 0.00	33.92 2.45 0.00
CE_NYC_DRP 24195	32.44 1.94 -3.57	30.03 1.68 -4.72	27.33 1.55 -3.32	25.29 1.39 -3.08	25.21 1.39 -2.80	26.06 1.75 0.00	28.16 2.06 0.00	31.13 2.33 0.00	33.48 2.71 0.00	34.83 2.88 0.00	37.02 2.93 0.00	38.98 3.05 0.00	39.30 3.05 0.00	41.51 3.22 0.00	43.21 3.49 0.00	47.32 4.14 0.00	54.39 4.99 0.00	64.25 5.84 0.00	56.36 4.89 0.00	51.05 4.04 0.00	45.19 3.15 0.00	41.58 2.68 0.00	37.33 2.44 0.00	33.79 2.33 0.00
CHAFFEE___LFGE 323603	27.42 0.49 0.00	23.57 -0.07 0.00	22.37 -0.09 0.00	20.59 -0.23 0.00	20.84 -0.19 0.00	23.99 -0.32 0.00	25.08 -1.02 0.00	28.02 -0.78 0.00	29.60 -1.17 0.00	31.44 -0.51 0.00	34.77 0.68 0.00	36.47 0.54 0.00	37.05 0.80 0.00	39.79 1.49 0.00	41.14 1.43 0.00	43.53 0.34 -0.01	49.85 0.44 0.00	58.30 -0.12 -0.01	51.73 0.26 0.00	47.38 0.37 0.00	42.96 0.92 0.00	39.90 1.01 0.00	36.22 1.33 0.00	31.93 0.47 0.00
CHATEAUG_35_KV_LOAD 355732	26.74 -0.19 0.00	23.50 -0.14 0.00	22.35 -0.11 0.00	20.69 -0.12 0.00	20.90 -0.13 0.00	24.26 -0.05 0.00	26.23 0.13 0.00	28.94 0.14 0.00	30.89 0.12 0.00	31.15 -0.80 0.00	33.00 -1.09 0.00	34.74 -1.19 0.00	35.06 -1.20 0.00	36.88 -1.42 0.00	38.16 -1.55 0.00	41.36 -1.81 0.00	45.31 -2.47 1.63	55.43 -2.98 0.00	48.83 -2.62 0.01	44.75 -2.26 0.00	40.39 -1.64 0.00	37.37 -1.52 0.00	34.16 -0.73 0.00	31.46 0.00 0.00
CHATEAUG_WT_PWR 323614	27.23 0.30 0.00	24.02 0.38 0.00	22.78 0.31 0.00	21.11 0.29 0.00	21.30 0.27 0.00	24.79 0.49 0.00	26.85 0.76 0.00	29.66 0.86 0.00	31.73 0.95 0.00	31.12 -0.83 0.00	32.62 -1.46 0.00	34.38 -1.54 0.00	34.59 -1.67 0.00	36.49 -1.80 0.00	37.81 -1.91 0.00	40.89 -2.29 0.00	45.12 -3.11 1.18	54.67 -3.74 0.00	47.91 -3.55 0.01	44.04 -2.96 0.00	39.85 -2.19 0.00	36.36 -2.53 0.00	34.26 -0.63 0.00	32.25 0.79 0.00
CHAT_HIGH_FALL_HYD 323578	26.74 -0.19 0.00	23.50 -0.14 0.00	22.35 -0.11 0.00	20.69 -0.12 0.00	20.90 -0.13 0.00	24.26 -0.05 0.00	26.23 0.13 0.00	28.94 0.14 0.00	30.89 0.12 0.00	31.15 -0.80 0.00	33.00 -1.09 0.00	34.74 -1.19 0.00	35.06 -1.20 0.00	36.88 -1.42 0.00	38.16 -1.55 0.00	41.36 -1.81 0.00	45.31 -2.47 1.63	55.43 -2.98 0.00	48.83 -2.62 0.01	44.75 -2.26 0.00	40.39 -1.64 0.00	37.37 -1.52 0.00	34.16 -0.73 0.00	31.46 0.00 0.00
CHAUTAUQUA___LFGE 323629	27.87 0.94 0.00	23.94 0.31 0.00	22.73 0.27 0.00	20.92 0.10 0.00	21.20 0.17 0.00	24.40 0.10 0.00	25.63 -0.47 0.00	28.62 -0.17 0.00	30.25 -0.52 0.00	32.11 0.16 0.00	35.56 1.46 0.00	37.26 1.33 0.00	37.85 1.59 0.00	40.63 2.34 0.00	41.98 2.26 0.00	44.48 1.29 -0.01	50.84 1.43 0.00	59.47 1.05 -0.01	52.76 1.29 0.00	48.32 1.31 0.00	43.88 1.85 0.00	40.68 1.79 0.00	36.92 2.02 0.00	32.50 1.04 0.00
CHERRYST_13_KV_LD 356241	32.55 2.05 -3.57	30.10 1.75 -4.72	27.42 1.64 -3.32	25.37 1.48 -3.08	25.30 1.47 -2.80	26.15 1.85 0.00	28.29 2.19 0.00	31.27 2.48 0.00	33.63 2.86 0.00	34.99 3.04 0.00	37.22 3.14 0.00	39.19 3.27 0.00	39.52 3.26 0.00	41.74 3.45 0.00	43.44 3.73 0.00	47.62 4.45 0.00	54.69 5.29 0.00	64.60 6.19 0.00	56.61 5.15 0.00	51.28 4.28 0.00	45.40 3.36 0.00	41.77 2.88 0.00	37.47 2.58 0.00	33.92 2.45 0.00

CHESTROR_138KV_BK263 355645	40.38 1.21 -12.24	40.85 1.04 -16.18	34.83 0.99 -11.37	32.29 0.92 -10.56	31.54 0.93 -9.59	25.52 1.22 0.00	27.50 1.41 0.00	30.26 1.47 0.00	32.46 1.69 0.00	33.71 1.76 0.00	35.86 1.77 0.00	37.79 1.87 0.00	38.14 1.89 0.00	40.32 2.03 0.00	41.90 2.18 0.00	45.81 2.63 0.00	52.62 3.21 0.00	62.20 3.80 0.00	54.71 3.24 0.00	49.68 2.68 0.00	44.26 2.23 0.00	40.76 1.87 0.00	36.50 1.61 0.00	33.03 1.57 0.00
CH_MIDHUDSON___DRP 24192	31.70 1.56 -3.20	29.19 1.32 -4.23	26.74 1.30 -2.98	24.77 1.19 -2.76	24.74 1.20 -2.51	25.77 1.46 0.00	27.74 1.64 0.00	30.55 1.76 0.00	32.83 2.06 0.00	34.06 2.11 0.00	36.20 2.11 0.00	38.15 2.23 0.00	38.50 2.25 0.00	40.67 2.37 0.00	42.29 2.58 0.00	46.28 3.11 0.00	53.21 3.80 0.00	62.90 4.50 0.00	55.33 3.86 0.00	50.25 3.24 0.00	44.72 2.69 0.00	41.15 2.26 0.00	36.81 1.92 0.00	33.32 1.86 0.00
CH_MISC_IPPS 23765	32.16 1.73 -3.50	29.69 1.42 -4.63	27.09 1.37 -3.26	25.11 1.27 -3.02	25.06 1.28 -2.75	25.77 1.46 0.00	27.74 1.65 0.00	30.64 1.84 0.00	32.96 2.18 0.00	34.15 2.20 0.00	36.30 2.21 0.00	38.22 2.30 0.00	38.64 2.39 0.00	40.86 2.57 0.00	42.45 2.74 0.00	46.50 3.32 0.00	53.50 4.10 0.00	63.20 4.79 0.00	55.58 4.12 0.00	50.48 3.48 0.00	44.85 2.82 0.00	41.50 2.61 0.00	36.95 2.06 0.00	33.45 1.98 0.00
CH_RES_BVR_FALLS 23983	26.39 -0.54 0.00	23.19 -0.45 0.00	22.06 -0.40 0.00	20.46 -0.35 0.00	20.69 -0.34 0.00	23.94 -0.36 0.00	25.76 -0.34 0.00	28.39 -0.40 0.00	30.34 -0.43 0.00	31.41 -0.54 0.00	33.48 -0.61 0.00	35.28 -0.65 0.00	35.56 -0.69 0.00	37.49 -0.81 0.00	38.88 -0.84 0.00	42.23 -0.95 0.00	47.46 -1.28 0.66	56.95 -1.46 0.00	50.11 -1.34 0.01	45.83 -1.17 0.00	41.07 -0.97 0.00	37.96 -0.93 0.00	34.26 -0.63 0.00	30.93 -0.54 0.00
CH_RES_NIAGARA 23895	25.97 -0.94 0.02	22.86 -0.76 0.02	21.46 -0.99 0.02	19.98 -0.83 0.00	20.11 -0.90 0.02	22.63 -1.65 0.02	23.57 -2.51 0.02	26.38 -2.39 0.02	27.76 -2.98 0.02	29.24 -2.68 0.02	32.22 -1.84 0.02	33.64 -2.26 0.02	34.23 -1.99 0.02	36.89 -1.38 0.02	38.22 -1.47 0.02	40.30 -2.85 0.03	46.12 -3.26 0.02	54.00 -4.38 0.03	47.79 -3.65 0.02	43.88 -3.10 0.02	39.32 -2.69 0.02	37.08 -1.79 0.02	33.40 -1.47 0.02	29.74 -1.70 0.02
CH_RES_SYRACUSE 23985	26.69 -0.24 0.00	23.45 -0.19 0.00	22.26 -0.20 0.00	20.59 -0.23 0.00	20.80 -0.23 0.00	24.06 -0.24 0.00	25.70 -0.39 0.00	28.36 -0.43 0.00	30.12 -0.65 0.00	31.47 -0.48 0.00	33.81 -0.27 0.00	35.71 -0.21 0.00	36.04 -0.22 0.00	38.29 0.00 0.00	39.71 0.00 0.00	42.88 -0.30 0.00	48.99 -0.25 0.17	58.12 -0.29 0.00	51.21 -0.26 0.00	46.86 -0.14 0.00	41.99 -0.04 0.00	38.93 0.04 0.00	34.89 0.00 0.00	31.18 -0.28 0.00
CLINTON_WT_PWR 323605	27.23 0.30 0.00	24.02 0.38 0.00	22.78 0.31 0.00	21.11 0.29 0.00	21.30 0.27 0.00	24.79 0.49 0.00	26.85 0.76 0.00	29.66 0.86 0.00	31.73 0.95 0.00	31.12 -0.83 0.00	32.62 -1.46 0.00	34.38 -1.54 0.00	34.59 -1.67 0.00	36.49 -1.80 0.00	37.81 -1.91 0.00	40.89 -2.29 0.00	45.12 -3.11 1.18	54.67 -3.74 0.00	47.91 -3.55 0.01	44.04 -2.96 0.00	39.85 -2.19 0.00	36.36 -2.53 0.00	34.26 -0.63 0.00	32.25 0.79 0.00
CLINTON___LFGE 323618	27.23 0.30 0.00	24.02 0.38 0.00	22.78 0.31 0.00	21.11 0.29 0.00	21.30 0.27 0.00	24.77 0.46 0.00	26.85 0.76 0.00	29.66 0.86 0.00	31.66 0.89 0.00	31.22 -0.73 0.00	32.83 -1.26 0.00	34.56 -1.37 0.00	34.76 -1.49 0.00	36.69 -1.61 0.00	38.00 -1.71 0.00	41.15 -2.03 0.00	45.34 -2.81 1.25	54.96 -3.45 0.00	48.22 -3.24 0.01	44.37 -2.63 0.00	40.23 -1.81 0.00	36.75 -2.14 0.00	34.40 -0.49 0.00	32.25 0.79 0.00
COBBLENY_34_KV_TB1 80064	27.42 0.48 0.00	24.06 0.43 0.00	22.58 0.11 0.00	20.94 0.12 0.00	21.14 0.11 0.00	23.97 -0.34 0.00	25.16 -0.94 0.00	28.08 -0.72 0.00	29.60 -1.17 0.00	31.19 -0.77 0.00	34.40 0.31 0.00	35.96 0.04 0.00	36.62 0.36 0.00	39.48 1.19 0.00	40.87 1.15 0.00	43.18 0.00 -0.01	49.51 0.10 0.00	57.89 -0.53 -0.01	51.26 -0.21 0.00	47.01 0.00 0.00	42.04 0.00 0.00	39.56 0.66 0.00	35.66 0.77 0.00	31.68 0.22 0.00
COFFEEN___115KV_TB3 355620	26.61 -0.32 0.00	23.33 -0.31 0.00	22.17 -0.29 0.00	20.57 -0.25 0.00	20.76 -0.27 0.00	23.89 -0.41 0.00	25.83 -0.26 0.00	28.53 -0.26 0.00	30.19 -0.58 0.00	31.31 -0.64 0.00	33.34 -0.75 0.00	35.06 -0.86 0.00	35.35 -0.91 0.00	37.60 -0.69 0.00	38.76 -0.95 0.00	42.27 -0.91 0.00	46.18 -1.14 2.09	57.65 -0.76 0.00	51.00 -0.46 0.00	47.43 0.42 0.00	42.71 0.67 0.00	39.55 0.66 0.00	35.00 0.10 0.00	31.24 -0.22 0.00
COLDSPRG_115KV_BK1 355956	28.39 1.45 0.00	24.87 1.23 0.00	23.32 0.85 0.00	21.61 0.79 0.00	21.85 0.82 0.00	24.91 0.61 0.00	26.39 0.29 0.00	29.43 0.63 0.00	31.05 0.28 0.00	32.75 0.80 0.00	36.20 2.11 0.00	37.79 1.87 0.00	38.54 2.28 0.00	41.44 3.14 0.00	42.73 3.02 0.00	45.25 2.07 -0.01	51.63 2.22 0.00	60.28 1.87 -0.01	53.48 2.01 0.00	48.98 1.97 0.00	43.89 1.85 0.00	41.19 2.29 0.00	37.27 2.37 0.00	32.97 1.51 0.00
COLONIE_LFGE___ 323577	29.47 1.16 -1.38	26.45 0.99 -1.82	24.71 0.97 -1.28	22.90 0.89 -1.19	23.03 0.92 -1.08	25.28 0.97 0.00	27.14 1.04 0.00	30.00 1.21 0.00	32.16 1.39 0.00	33.42 1.47 0.00	35.52 1.43 0.00	37.43 1.51 0.00	37.81 1.56 0.00	39.86 1.57 0.00	41.30 1.59 0.00	44.99 1.81 0.00	51.73 2.32 0.00	61.21 2.80 0.00	54.14 2.67 0.00	49.45 2.44 0.00	44.18 2.14 0.00	40.84 1.94 0.00	36.32 1.43 0.00	32.75 1.29 0.00
COOPERNY_115KV_TB1 80082	24.78 0.83 2.98	20.40 0.71 3.94	20.34 0.65 2.77	18.85 0.60 2.57	19.30 0.61 2.34	25.16 0.85 0.00	27.09 0.99 0.00	29.83 1.04 0.00	31.97 1.20 0.00	33.23 1.28 0.00	35.42 1.33 0.00	37.29 1.37 0.00	37.63 1.38 0.00	39.82 1.53 0.00	41.38 1.67 0.00	45.16 1.99 0.00	51.83 2.42 0.00	61.27 2.86 0.00	53.89 2.42 0.00	49.03 2.02 0.00	43.71 1.68 0.00	40.33 1.44 0.00	36.08 1.19 0.00	32.59 1.13 0.00
COPENHAGEN_WT_PWR 323753	26.39 -0.54 0.00	23.17 -0.47 0.00	21.99 -0.47 0.00	20.42 -0.40 0.00	20.63 -0.40 0.00	23.82 -0.49 0.00	25.70 -0.39 0.00	28.30 -0.49 0.00	29.97 -0.80 0.00	31.12 -0.83 0.00	33.13 -0.95 0.00	34.88 -1.04 0.00	35.17 -1.09 0.00	37.34 -0.96 0.00	38.56 -1.15 0.00	42.01 -1.16 0.00	45.96 -1.43 2.01	57.18 -1.23 0.00	50.54 -0.92 0.00	46.91 -0.09 0.00	42.20 0.17 0.00	39.01 0.12 0.00	34.68 -0.21 0.00	30.99 -0.47 0.00
CORNELL_____ 23752	27.60 0.67 0.00	24.23 0.59 0.00	22.94 0.47 0.00	21.23 0.42 0.00	21.45 0.42 0.00	24.72 0.41 0.00	26.49 0.39 0.00	29.40 0.60 0.00	31.14 0.37 0.00	32.46 0.51 0.00	34.87 0.78 0.00	36.75 0.83 0.00	37.09 0.83 0.00	39.52 1.23 0.00	40.94 1.23 0.00	44.26 1.08 0.00	50.67 1.38 0.12	60.28 1.87 0.00	53.16 1.70 0.00	48.79 1.79 0.00	43.71 1.68 0.00	40.49 1.59 0.00	36.22 1.33 0.00	32.34 0.88 0.00

CORONA_69_KV_TB1 355595	36.74 2.42 -7.39	33.76 2.08 -8.05	31.27 1.95 -6.85	28.91 1.79 -6.30	25.62 1.79 -2.80	29.88 2.16 -3.41	28.50 2.40 0.00	34.66 2.71 -3.16	36.15 3.05 -2.34	36.64 3.23 -1.47	36.92 2.83 0.00	39.01 3.09 0.00	39.52 3.26 0.00	41.74 3.45 0.00	43.60 3.89 0.00	47.62 4.45 0.00	54.94 5.53 0.00	65.06 6.66 0.00	57.08 5.61 0.00	51.42 4.42 0.00	45.69 3.66 0.00	42.24 3.34 0.00	37.54 2.65 0.00	34.23 2.77 0.00
CORTLAND_115KV_TB3 80093	27.39 0.46 0.00	24.02 0.38 0.00	22.76 0.29 0.00	21.07 0.25 0.00	21.30 0.27 0.00	24.53 0.22 0.00	26.30 0.21 0.00	29.14 0.35 0.00	30.92 0.15 0.00	32.27 0.32 0.00	34.63 0.55 0.00	36.46 0.54 0.00	36.83 0.58 0.00	39.21 0.92 0.00	40.66 0.95 0.00	43.95 0.78 0.00	50.28 1.04 0.16	59.69 1.28 0.00	52.65 1.18 0.00	48.27 1.27 0.00	43.21 1.18 0.00	40.02 1.13 0.00	35.80 0.91 0.00	32.03 0.57 0.00
COXSACKIE___GT 23611	30.33 1.67 -1.73	27.34 1.42 -2.28	25.46 1.39 -1.61	23.64 1.33 -1.49	23.77 1.39 -1.35	25.81 1.51 0.00	27.69 1.59 0.00	30.23 1.44 0.00	32.31 1.54 0.00	33.23 1.28 0.00	35.28 1.19 0.00	37.11 1.18 0.00	37.49 1.23 0.00	39.52 1.23 0.00	41.02 1.31 0.00	44.82 1.64 0.00	51.73 2.32 0.00	61.56 3.15 0.00	54.71 3.24 0.00	50.11 3.10 0.00	45.06 3.03 0.00	41.54 2.65 0.00	36.98 2.09 0.00	33.19 1.73 0.00
CPV_VALLEY___CC1 323721	24.89 1.08 3.12	20.42 0.90 4.12	20.42 0.85 2.89	18.92 0.79 2.69	19.39 0.80 2.44	25.23 0.92 0.00	27.14 1.04 0.00	30.03 1.24 0.00	32.22 1.45 0.00	33.42 1.47 0.00	35.55 1.46 0.00	37.43 1.51 0.00	37.89 1.63 0.00	40.02 1.72 0.00	41.54 1.83 0.00	45.42 2.24 0.00	52.17 2.76 0.00	61.68 3.27 0.00	54.19 2.73 0.00	49.26 2.26 0.00	43.80 1.77 0.00	40.56 1.67 0.00	36.15 1.25 0.00	32.72 1.26 0.00
CPV_VALLEY___CC2 323722	24.89 1.08 3.12	20.42 0.90 4.12	20.42 0.85 2.89	18.92 0.79 2.69	19.39 0.80 2.44	25.23 0.92 0.00	27.14 1.04 0.00	30.03 1.24 0.00	32.22 1.45 0.00	33.42 1.47 0.00	35.55 1.46 0.00	37.43 1.51 0.00	37.89 1.63 0.00	40.02 1.72 0.00	41.54 1.83 0.00	45.42 2.24 0.00	52.17 2.76 0.00	61.68 3.27 0.00	54.19 2.73 0.00	49.26 2.26 0.00	43.80 1.77 0.00	40.56 1.67 0.00	36.15 1.25 0.00	32.72 1.26 0.00
CRESCENT___HYD 24018	29.47 1.16 -1.38	26.45 0.99 -1.82	24.71 0.97 -1.28	22.90 0.89 -1.19	23.03 0.92 -1.08	25.28 0.97 0.00	27.14 1.04 0.00	30.00 1.21 0.00	32.16 1.39 0.00	33.42 1.47 0.00	35.52 1.43 0.00	37.43 1.51 0.00	37.81 1.56 0.00	39.86 1.57 0.00	41.30 1.59 0.00	44.99 1.81 0.00	51.73 2.32 0.00	61.21 2.80 0.00	54.14 2.67 0.00	49.45 2.44 0.00	44.18 2.14 0.00	40.84 1.94 0.00	36.32 1.43 0.00	32.75 1.29 0.00
CRICKET___VALLEY_CC1 323756	31.04 1.29 -2.82	28.43 1.06 -3.73	26.14 1.06 -2.62	24.25 1.00 -2.43	24.25 1.01 -2.21	25.38 1.07 0.00	27.32 1.23 0.00	30.26 1.47 0.00	32.52 1.75 0.00	33.77 1.82 0.00	35.83 1.74 0.00	37.72 1.80 0.00	38.14 1.88 0.00	40.24 1.95 0.00	41.77 2.06 0.00	45.64 2.46 0.00	52.57 3.16 0.00	62.03 3.62 0.00	54.55 3.09 0.00	49.63 2.63 0.00	44.09 2.06 0.00	40.84 1.94 0.00	36.32 1.43 0.00	32.91 1.45 0.00
CRICKET___VALLEY_CC2 323757	31.04 1.29 -2.82	28.43 1.06 -3.73	26.14 1.06 -2.62	24.25 1.00 -2.43	24.25 1.01 -2.21	25.38 1.07 0.00	27.32 1.23 0.00	30.26 1.47 0.00	32.52 1.75 0.00	33.77 1.82 0.00	35.83 1.74 0.00	37.72 1.80 0.00	38.14 1.88 0.00	40.24 1.95 0.00	41.77 2.06 0.00	45.64 2.46 0.00	52.57 3.16 0.00	62.03 3.62 0.00	54.55 3.09 0.00	49.63 2.63 0.00	44.09 2.06 0.00	40.84 1.94 0.00	36.32 1.43 0.00	32.91 1.45 0.00
CRICKET___VALLEY_CC3 323758	31.04 1.29 -2.82	28.43 1.06 -3.73	26.14 1.06 -2.62	24.25 1.00 -2.43	24.25 1.01 -2.21	25.38 1.07 0.00	27.32 1.23 0.00	30.26 1.47 0.00	32.52 1.75 0.00	33.77 1.82 0.00	35.83 1.74 0.00	37.72 1.80 0.00	38.14 1.88 0.00	40.24 1.95 0.00	41.77 2.06 0.00	45.64 2.46 0.00	52.57 3.16 0.00	62.03 3.62 0.00	54.55 3.09 0.00	49.63 2.63 0.00	44.09 2.06 0.00	40.84 1.94 0.00	36.32 1.43 0.00	32.91 1.45 0.00
CRUCIBLE_METL_DRP 24180	26.66 -0.27 0.00	23.40 -0.24 0.00	22.19 -0.27 0.00	20.55 -0.27 0.00	20.78 -0.25 0.00	23.89 -0.41 0.00	25.55 -0.55 0.00	28.36 -0.43 0.00	30.12 -0.65 0.00	31.44 -0.51 0.00	33.75 -0.34 0.00	35.60 -0.32 0.00	35.96 -0.29 0.00	38.25 -0.04 0.00	39.67 -0.04 0.00	42.79 -0.39 0.00	48.89 -0.35 0.17	58.00 -0.41 0.00	51.11 -0.36 0.00	46.77 -0.24 0.00	41.87 -0.17 0.00	38.81 -0.08 0.00	34.79 -0.10 0.00	31.15 -0.31 0.00
DAHOWA___HYDRO 323763	30.02 1.78 -1.31	26.91 1.54 -1.73	25.10 1.42 -1.22	23.26 1.31 -1.13	23.41 1.35 -1.03	25.79 1.48 0.00	27.74 1.65 0.00	30.55 1.76 0.00	32.80 2.03 0.00	34.03 2.08 0.00	36.10 2.01 0.00	38.08 2.16 0.00	38.43 2.17 0.00	40.36 2.07 0.00	41.77 2.06 0.00	45.55 2.37 0.00	52.37 2.96 0.00	62.32 3.91 0.00	55.43 3.96 0.00	50.67 3.67 0.00	45.65 3.62 0.00	42.08 3.19 0.00	37.30 2.41 0.00	33.51 2.04 0.00
DANC___LFGE 323619	26.36 -0.57 0.00	23.14 -0.50 0.00	21.97 -0.49 0.00	20.38 -0.44 0.00	20.59 -0.44 0.00	23.77 -0.53 0.00	25.55 -0.55 0.00	28.16 -0.63 0.00	29.85 -0.92 0.00	31.02 -0.93 0.00	33.07 -1.02 0.00	34.85 -1.08 0.00	35.13 -1.12 0.00	37.26 -1.03 0.00	38.52 -1.19 0.00	41.88 -1.29 0.00	46.32 -1.53 1.56	57.00 -1.40 0.00	50.33 -1.13 0.00	46.53 -0.47 0.00	41.82 -0.21 0.00	38.78 -0.12 0.00	34.54 -0.35 0.00	30.86 -0.60 0.00
DANSKAMMER___1 23586	32.16 1.73 -3.50	29.69 1.42 -4.63	27.09 1.37 -3.26	25.11 1.27 -3.02	25.06 1.28 -2.75	25.77 1.46 0.00	27.74 1.65 0.00	30.64 1.84 0.00	32.96 2.18 0.00	34.15 2.20 0.00	36.30 2.21 0.00	38.22 2.30 0.00	38.64 2.39 0.00	40.86 2.57 0.00	42.45 2.74 0.00	46.50 3.32 0.00	53.50 4.10 0.00	63.20 4.79 0.00	55.58 4.12 0.00	50.48 3.48 0.00	44.85 2.82 0.00	41.50 2.61 0.00	36.95 2.06 0.00	33.45 1.98 0.00
DANSKAMMER___2 23589	32.16 1.73 -3.50	29.69 1.42 -4.63	27.09 1.37 -3.26	25.11 1.27 -3.02	25.06 1.28 -2.75	25.77 1.46 0.00	27.74 1.65 0.00	30.64 1.84 0.00	32.96 2.18 0.00	34.15 2.20 0.00	36.30 2.21 0.00	38.22 2.30 0.00	38.64 2.39 0.00	40.86 2.57 0.00	42.45 2.74 0.00	46.50 3.32 0.00	53.50 4.10 0.00	63.20 4.79 0.00	55.58 4.12 0.00	50.48 3.48 0.00	44.85 2.82 0.00	41.50 2.61 0.00	36.95 2.06 0.00	33.45 1.98 0.00
DANSKAMMER___3 23590	32.16 1.73 -3.50	29.69 1.42 -4.63	27.09 1.37 -3.26	25.11 1.27 -3.02	25.06 1.28 -2.75	25.77 1.46 0.00	27.74 1.65 0.00	30.64 1.84 0.00	32.96 2.18 0.00	34.15 2.20 0.00	36.30 2.21 0.00	38.22 2.30 0.00	38.64 2.39 0.00	40.86 2.57 0.00	42.45 2.74 0.00	46.50 3.32 0.00	53.50 4.10 0.00	63.20 4.79 0.00	55.58 4.12 0.00	50.48 3.48 0.00	44.85 2.82 0.00	41.50 2.61 0.00	36.95 2.06 0.00	33.45 1.98 0.00

DANSKAMMER___4 23591	32.16 1.73 -3.50	29.69 1.42 -4.63	27.09 1.37 -3.26	25.11 1.27 -3.02	25.06 1.28 -2.75	25.77 1.46 0.00	27.74 1.65 0.00	30.64 1.84 0.00	32.96 2.18 0.00	34.15 2.20 0.00	36.30 2.21 0.00	38.22 2.30 0.00	38.64 2.39 0.00	40.86 2.57 0.00	42.45 2.74 0.00	46.50 3.32 0.00	53.50 4.10 0.00	63.20 4.79 0.00	55.58 4.12 0.00	50.48 3.48 0.00	44.85 2.82 0.00	41.50 2.61 0.00	36.95 2.06 0.00	33.45 1.98 0.00
DANSKAMMER___DIESEL 23592	32.16 1.72 -3.50	29.71 1.44 -4.63	27.14 1.42 -3.26	25.13 1.29 -3.02	25.08 1.30 -2.75	25.89 1.58 0.00	27.90 1.80 0.00	30.66 1.87 0.00	32.95 2.18 0.00	34.19 2.24 0.00	36.34 2.25 0.00	38.29 2.37 0.00	38.65 2.39 0.00	40.86 2.57 0.00	42.49 2.78 0.00	46.54 3.37 0.00	53.55 4.15 0.00	63.25 4.85 0.00	55.63 4.17 0.00	50.53 3.53 0.00	44.98 2.94 0.00	41.38 2.49 0.00	37.02 2.13 0.00	33.51 2.05 0.00
DARBY___SOLAR 323810	29.92 1.67 -1.32	26.83 1.44 -1.75	25.02 1.33 -1.23	23.21 1.25 -1.14	23.33 1.26 -1.04	25.69 1.38 0.00	27.63 1.54 0.00	30.46 1.67 0.00	32.68 1.91 0.00	33.93 1.98 0.00	36.00 1.91 0.00	38.01 2.08 0.00	38.35 2.10 0.00	40.28 1.99 0.00	41.74 2.02 0.00	45.46 2.29 0.00	52.27 2.86 0.00	62.15 3.74 0.00	55.17 3.71 0.00	50.43 3.43 0.00	45.35 3.32 0.00	41.85 2.95 0.00	37.13 2.24 0.00	33.38 1.92 0.00
DASHVILLE___HYD 23610	30.94 1.54 -2.48	28.19 1.28 -3.27	26.02 1.26 -2.30	24.10 1.14 -2.14	24.13 1.16 -1.94	25.67 1.36 0.00	27.64 1.54 0.00	30.38 1.58 0.00	32.62 1.85 0.00	33.84 1.89 0.00	35.96 1.87 0.00	37.90 1.98 0.00	38.25 1.99 0.00	40.40 2.11 0.00	42.05 2.34 0.00	46.07 2.89 0.00	52.96 3.56 0.00	62.50 4.09 0.00	54.97 3.50 0.00	49.92 2.91 0.00	44.39 2.35 0.00	40.88 1.98 0.00	36.67 1.78 0.00	33.26 1.79 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	37.44 3.12 -7.39	34.31 2.62 -8.05	31.81 2.49 -6.85	29.41 2.29 -6.30	26.16 2.33 -2.80	30.49 2.77 -3.41	29.10 3.00 0.00	35.38 3.43 -3.16	36.80 3.69 -2.34	37.44 4.03 -1.47	37.50 3.41 0.00	39.55 3.63 0.00	40.24 3.99 0.00	42.66 4.37 0.00	44.68 4.96 0.00	48.87 5.70 0.00	57.22 7.81 -0.01	67.94 9.52 -0.01	59.56 8.08 -0.01	53.21 6.20 0.00	47.25 5.21 0.00	46.49 4.55 -3.05	37.85 2.97 0.01	34.86 3.40 0.00
DELAWARE___LFGE 323621	27.38 0.97 0.52	23.80 0.85 0.69	22.74 0.76 0.48	21.08 0.71 0.45	21.34 0.72 0.41	25.16 0.85 0.00	27.06 0.97 0.00	29.74 0.95 0.00	31.72 0.95 0.00	33.04 1.09 0.00	35.35 1.26 0.00	37.22 1.29 0.00	37.56 1.31 0.00	39.86 1.57 0.00	41.42 1.71 0.00	45.03 1.86 0.00	51.58 2.17 0.00	61.03 2.63 0.00	53.73 2.26 0.00	49.17 2.16 0.00	43.97 1.93 0.00	40.64 1.75 0.00	36.29 1.40 0.00	32.59 1.13 0.00
DERFIELD_115KV_TB7 355931	27.07 0.13 0.00	23.76 0.12 0.00	22.58 0.11 0.00	20.92 0.10 0.00	21.14 0.11 0.00	24.40 0.10 0.00	26.20 0.10 0.00	28.94 0.14 0.00	30.92 0.15 0.00	32.14 0.19 0.00	34.29 0.20 0.00	36.14 0.22 0.00	36.47 0.22 0.00	38.56 0.27 0.00	40.03 0.32 0.00	43.52 0.35 0.00	49.72 0.44 0.13	58.99 0.58 0.00	51.98 0.51 0.00	47.43 0.42 0.00	42.41 0.38 0.00	39.20 0.31 0.00	35.10 0.21 0.00	31.62 0.16 0.00
DOGLEVILLE___HYD 23807	27.09 0.16 0.00	23.76 0.12 0.00	22.58 0.11 0.00	20.92 0.10 0.00	21.16 0.13 0.00	24.40 0.10 0.00	26.23 0.13 0.00	28.91 0.12 0.00	30.92 0.15 0.00	32.18 0.23 0.00	34.36 0.27 0.00	36.18 0.25 0.00	36.51 0.26 0.00	38.64 0.34 0.00	40.03 0.32 0.00	43.65 0.48 0.00	49.82 0.54 0.13	59.16 0.76 0.00	52.09 0.62 0.00	47.66 0.66 0.00	42.58 0.55 0.00	39.48 0.58 0.00	35.17 0.28 0.00	31.68 0.22 0.00
DUNKIRK___115KV_TB_200 55889	27.82 0.89 0.00	24.39 0.76 0.00	22.87 0.40 0.00	21.23 0.42 0.00	21.45 0.42 0.00	24.36 0.05 0.00	25.65 -0.44 0.00	28.62 -0.17 0.00	30.16 -0.62 0.00	31.79 -0.16 0.00	35.08 0.99 0.00	36.64 0.72 0.00	37.34 1.09 0.00	40.21 1.91 0.00	41.58 1.87 0.00	44.00 0.82 -0.01	50.35 0.94 0.00	58.88 0.47 -0.01	52.14 0.67 0.00	47.85 0.85 0.00	42.83 0.80 0.00	40.26 1.36 0.00	36.29 1.40 0.00	32.19 0.72 0.00
DUNKIRK___1 23563	27.82 0.89 0.00	24.39 0.76 0.00	22.87 0.40 0.00	21.23 0.42 0.00	21.45 0.42 0.00	24.36 0.05 0.00	25.65 -0.44 0.00	28.62 -0.17 0.00	30.16 -0.62 0.00	31.79 -0.16 0.00	35.08 0.99 0.00	36.64 0.72 0.00	37.34 1.09 0.00	40.21 1.91 0.00	41.58 1.87 0.00	44.00 0.82 -0.01	50.35 0.94 0.00	58.88 0.47 -0.01	52.14 0.67 0.00	47.85 0.85 0.00	42.83 0.80 0.00	40.26 1.36 0.00	36.29 1.40 0.00	32.19 0.72 0.00
DUNKIRK___2 23564	27.82 0.89 0.00	24.39 0.76 0.00	22.87 0.40 0.00	21.23 0.42 0.00	21.45 0.42 0.00	24.36 0.05 0.00	25.65 -0.44 0.00	28.62 -0.17 0.00	30.16 -0.62 0.00	31.79 -0.16 0.00	35.08 0.99 0.00	36.64 0.72 0.00	37.34 1.09 0.00	40.21 1.91 0.00	41.58 1.87 0.00	44.00 0.82 -0.01	50.35 0.94 0.00	58.88 0.47 -0.01	52.14 0.67 0.00	47.85 0.85 0.00	42.83 0.80 0.00	40.26 1.36 0.00	36.29 1.40 0.00	32.19 0.72 0.00
DUNKIRK___3 23565	27.58 0.65 0.00	24.21 0.57 0.00	22.71 0.25 0.00	21.07 0.25 0.00	21.28 0.25 0.00	24.16 -0.15 0.00	25.42 -0.68 0.00	28.33 -0.46 0.00	29.85 -0.92 0.00	31.47 -0.48 0.00	34.70 0.61 0.00	36.28 0.36 0.00	36.94 0.69 0.00	39.75 1.46 0.00	41.14 1.43 0.00	43.53 0.35 -0.01	49.85 0.44 0.00	58.36 -0.06 -0.01	51.62 0.15 0.00	47.34 0.33 0.00	42.41 0.38 0.00	39.87 0.97 0.00	35.94 1.05 0.00	31.90 0.44 0.00
DUNKIRK___4 23566	27.58 0.65 0.00	24.21 0.57 0.00	22.71 0.25 0.00	21.07 0.25 0.00	21.28 0.25 0.00	24.16 -0.15 0.00	25.42 -0.68 0.00	28.33 -0.46 0.00	29.85 -0.92 0.00	31.47 -0.48 0.00	34.70 0.61 0.00	36.28 0.36 0.00	36.94 0.69 0.00	39.75 1.46 0.00	41.14 1.43 0.00	43.53 0.35 -0.01	49.85 0.44 0.00	58.36 -0.06 -0.01	51.62 0.15 0.00	47.34 0.33 0.00	42.41 0.38 0.00	39.87 0.97 0.00	35.94 1.05 0.00	31.90 0.44 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	32.30 1.80 -3.57	29.91 1.56 -4.72	27.24 1.46 -3.32	25.23 1.33 -3.08	25.15 1.32 -2.79	25.96 1.65 0.00	28.03 1.93 0.00	30.92 2.13 0.00	33.23 2.46 0.00	34.54 2.59 0.00	36.68 2.59 0.00	38.65 2.73 0.00	39.01 2.76 0.00	41.20 2.91 0.00	42.89 3.18 0.00	46.93 3.76 0.00	53.95 4.55 0.00	63.72 5.31 0.00	55.94 4.48 0.00	50.72 3.71 0.00	45.06 3.03 0.00	41.46 2.57 0.00	37.12 2.23 0.00	33.60 2.14 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	32.53 1.51 -4.09	30.32 1.28 -5.40	27.50 1.24 -3.80	25.47 1.12 -3.53	25.37 1.14 -3.20	25.69 1.39 0.00	27.66 1.57 0.00	30.43 1.64 0.00	32.68 1.91 0.00	33.93 1.98 0.00	36.07 1.98 0.00	38.01 2.08 0.00	38.36 2.10 0.00	40.55 2.26 0.00	42.17 2.46 0.00	46.15 2.98 0.00	53.01 3.61 0.00	62.67 4.26 0.00	55.12 3.65 0.00	50.06 3.06 0.00	44.56 2.52 0.00	41.03 2.14 0.00	36.74 1.85 0.00	33.26 1.79 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	32.63 2.13 -3.57	30.17 1.82 -4.72	27.49 1.71 -3.32	25.44 1.54 -3.08	25.36 1.54 -2.80	26.13 1.82 0.00	28.24 2.14 0.00	31.10 2.30 0.00	33.41 2.65 0.01	34.75 2.81 0.02	36.92 2.83 0.00	38.72 2.80 0.00	39.01 2.76 0.00	41.16 2.87 0.00	42.89 3.18 0.00	46.81 3.63 -0.01	53.89 4.50 0.01	63.72 5.31 0.00	56.14 4.68 0.01	50.90 3.90 0.01	44.85 2.82 0.00	41.23 2.33 0.00	37.09 2.20 0.00	33.88 2.42 0.00
E179THST_13_KV_LOAD 356214	32.79 2.29 -3.57	30.32 1.96 -4.72	27.62 1.84 -3.32	25.54 1.64 -3.08	25.47 1.64 -2.80	26.28 1.97 0.00	28.39 2.30 0.00	31.27 2.48 0.00	33.62 2.86 0.01	34.97 3.04 0.02	37.16 3.07 0.00	38.98 3.05 0.00	39.26 3.01 0.00	41.43 3.14 0.00	43.21 3.49 0.00	47.16 3.97 -0.01	54.29 4.89 0.01	64.19 5.78 0.00	56.55 5.10 0.01	51.27 4.28 0.01	45.14 3.11 0.00	41.50 2.61 0.00	37.33 2.44 0.00	34.10 2.64 0.00
EAST HAMPTON___GT 23717	37.87 3.55 -7.39	34.61 2.93 -8.05	32.12 2.81 -6.85	29.70 2.58 -6.30	26.46 2.63 -2.80	30.76 3.04 -3.41	29.36 3.26 0.00	35.82 3.86 -3.16	37.05 3.94 -2.34	37.70 4.28 -1.47	37.84 3.75 0.00	39.84 3.92 0.00	40.64 4.38 0.00	43.12 4.82 0.00	45.23 5.52 0.00	49.48 6.30 0.00	58.36 8.94 -0.01	69.39 10.98 -0.01	60.74 9.26 -0.01	54.20 7.19 0.00	47.75 5.72 0.00	47.70 5.75 -3.05	38.27 3.38 0.01	35.14 3.68 0.00
EAST RIVER___6 23660	32.49 1.99 -3.57	30.03 1.68 -4.72	27.35 1.57 -3.32	25.29 1.39 -3.08	25.21 1.39 -2.80	25.96 1.65 0.00	28.05 1.96 0.00	31.18 2.39 0.00	33.57 2.80 0.00	34.86 2.91 0.00	37.05 2.96 0.00	38.97 3.05 0.00	39.44 3.19 0.00	41.66 3.37 0.00	43.32 3.61 0.00	47.49 4.32 0.00	54.54 5.14 0.00	64.42 6.02 0.00	56.41 4.94 0.00	51.09 4.09 0.00	45.10 3.07 0.00	41.85 2.95 0.00	37.27 2.37 0.00	33.85 2.39 0.00
EAST RIVER___7 23524	32.49 1.99 -3.57	30.03 1.68 -4.72	27.35 1.57 -3.32	25.29 1.39 -3.08	25.21 1.39 -2.80	25.96 1.65 0.00	28.05 1.96 0.00	31.18 2.39 0.00	33.57 2.80 0.00	34.86 2.91 0.00	37.05 2.96 0.00	38.97 3.05 0.00	39.44 3.19 0.00	41.66 3.37 0.00	43.32 3.61 0.00	47.49 4.32 0.00	54.54 5.14 0.00	64.42 6.02 0.00	56.41 4.94 0.00	51.09 4.09 0.00	45.10 3.07 0.00	41.85 2.95 0.00	37.27 2.37 0.00	33.85 2.39 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	32.27 1.72 -3.61	29.90 1.49 -4.77	27.21 1.39 -3.36	25.20 1.27 -3.12	25.14 1.28 -2.83	25.91 1.60 0.00	27.92 1.83 0.00	30.81 2.02 0.00	33.11 2.34 0.00	34.41 2.46 0.00	36.54 2.45 0.00	38.55 2.62 0.00	38.86 2.61 0.00	41.09 2.80 0.00	42.73 3.02 0.00	46.76 3.58 0.00	53.75 4.35 0.00	63.55 5.14 0.00	55.74 4.27 0.00	50.58 3.57 0.00	44.93 2.90 0.00	41.34 2.45 0.00	37.02 2.13 0.00	33.51 2.05 0.00
EAST_HAMPTON___DIESEL 23722	37.87 3.55 -7.39	34.61 2.93 -8.05	32.12 2.81 -6.85	29.70 2.58 -6.30	26.46 2.63 -2.80	30.76 3.04 -3.41	29.36 3.26 0.00	35.84 3.89 -3.16	37.08 3.97 -2.34	37.73 4.31 -1.47	37.84 3.75 0.00	39.84 3.92 0.00	40.67 4.42 0.00	43.16 4.86 0.00	45.23 5.52 0.00	49.52 6.35 0.00	58.36 8.94 -0.01	69.39 10.98 -0.01	60.74 9.26 -0.01	54.20 7.19 0.00	47.75 5.72 0.00	47.70 5.75 -3.05	38.27 3.38 0.01	35.14 3.68 0.00
EAST_POINT___SOLAR 323840	30.67 2.85 -0.89	27.29 2.48 -1.17	25.51 2.22 -0.82	23.62 2.04 -0.76	23.83 2.10 -0.69	26.79 2.48 0.00	28.63 2.53 0.00	31.10 2.30 0.00	32.86 2.09 0.00	33.77 1.82 0.00	36.06 1.98 0.00	38.04 2.12 0.00	38.43 2.17 0.00	40.59 2.30 0.00	42.09 2.38 0.00	45.59 2.42 0.00	52.57 3.16 0.00	63.60 5.20 0.00	57.28 5.81 0.00	52.97 5.97 0.00	47.79 5.76 0.00	44.10 5.21 0.00	39.04 4.15 0.00	34.86 3.40 0.00
EAST_PULASKI___ESR 323781	26.31 -0.62 0.00	23.14 -0.50 0.00	21.97 -0.49 0.00	20.34 -0.48 0.00	20.55 -0.48 0.00	23.75 -0.56 0.00	25.44 -0.65 0.00	28.04 -0.75 0.00	29.72 -1.05 0.00	30.96 -0.99 0.00	33.07 -1.02 0.00	34.88 -1.04 0.00	35.17 -1.09 0.00	37.30 -1.00 0.00	38.60 -1.11 0.00	41.88 -1.29 0.00	46.93 -1.48 1.00	56.89 -1.52 0.00	50.23 -1.24 0.00	46.25 -0.75 0.00	41.53 -0.50 0.00	38.54 -0.35 0.00	34.44 -0.45 0.00	30.77 -0.69 0.00
EAST_RIVER___1 323558	32.44 1.94 -3.57	29.98 1.63 -4.72	27.31 1.53 -3.32	25.27 1.37 -3.08	25.19 1.37 -2.80	25.94 1.63 0.00	28.03 1.93 0.00	31.12 2.33 0.00	33.48 2.71 0.00	34.79 2.84 0.00	36.92 2.83 0.00	38.87 2.95 0.00	39.30 3.05 0.00	41.51 3.22 0.00	43.16 3.45 0.00	47.28 4.10 0.00	54.34 4.94 0.00	64.19 5.78 0.00	56.25 4.79 0.00	50.95 3.95 0.00	45.06 3.03 0.00	41.73 2.84 0.00	37.16 2.27 0.00	33.76 2.30 0.00
EAST_RIVER___2 323559	32.49 1.99 -3.57	30.03 1.68 -4.72	27.35 1.57 -3.32	25.29 1.39 -3.08	25.21 1.39 -2.80	25.96 1.65 0.00	28.05 1.96 0.00	31.18 2.39 0.00	33.57 2.80 0.00	34.86 2.91 0.00	37.05 2.96 0.00	38.97 3.05 0.00	39.44 3.19 0.00	41.66 3.37 0.00	43.32 3.61 0.00	47.49 4.32 0.00	54.54 5.14 0.00	64.42 6.02 0.00	56.41 4.94 0.00	51.09 4.09 0.00	45.10 3.07 0.00	41.85 2.95 0.00	37.27 2.37 0.00	33.85 2.39 0.00
EAST___DELAWARE_HYD 23607	28.70 0.75 -1.01	25.52 0.54 -1.34	23.97 0.56 -0.94	22.21 0.52 -0.88	22.35 0.53 -0.79	24.94 0.63 0.00	26.88 0.78 0.00	29.63 0.84 0.00	31.85 1.08 0.00	32.97 1.02 0.00	35.04 0.95 0.00	36.89 0.97 0.00	37.30 1.05 0.00	39.44 1.15 0.00	41.02 1.31 0.00	44.95 1.77 0.00	51.68 2.27 0.00	61.21 2.80 0.00	53.83 2.37 0.00	48.93 1.93 0.00	43.54 1.51 0.00	40.25 1.36 0.00	35.83 0.94 0.00	32.40 0.94 0.00
EIGHT_POINT___WT_PWR 323820	27.93 1.00 0.00	24.16 0.52 0.00	22.91 0.45 0.00	21.09 0.27 0.00	21.37 0.34 0.00	24.72 0.41 0.00	26.15 0.05 0.00	29.11 0.32 0.00	30.71 -0.06 0.00	32.37 0.41 0.00	35.38 1.30 0.00	37.25 1.33 0.00	37.63 1.38 0.00	40.25 1.95 0.00	41.62 1.91 0.00	44.43 1.25 0.00	50.89 1.48 0.00	59.93 1.52 0.00	53.11 1.65 0.00	48.75 1.74 0.00	44.05 2.02 0.00	40.88 1.98 0.00	36.85 1.95 0.00	32.63 1.16 0.00
ELBRIDGE_115KV_TB2 80188	26.58 -0.35 0.00	23.33 -0.31 0.00	22.13 -0.34 0.00	20.48 -0.33 0.00	20.72 -0.32 0.00	23.80 -0.51 0.00	25.44 -0.65 0.00	28.22 -0.58 0.00	30.00 -0.77 0.00	31.31 -0.64 0.00	33.58 -0.51 0.00	35.42 -0.50 0.00	35.78 -0.47 0.00	38.06 -0.23 0.00	39.47 -0.24 0.00	42.57 -0.60 0.00	48.66 -0.59 0.15	57.71 -0.70 0.00	50.90 -0.57 0.00	46.58 -0.42 0.00	41.70 -0.34 0.00	38.66 -0.23 0.00	34.65 -0.24 0.00	30.99 -0.47 0.00
ELEC_TRO_TEK 24086	36.47 2.15 -7.39	33.55 1.87 -8.05	31.06 1.75 -6.85	28.72 1.60 -6.30	25.43 1.60 -2.80	29.69 1.97 -3.41	28.31 2.22 0.00	34.43 2.48 -3.16	35.94 2.83 -2.34	36.39 2.97 -1.47	36.68 2.59 0.00	38.69 2.77 0.00	39.15 2.90 0.00	41.36 3.06 0.00	43.17 3.45 0.00	47.23 4.06 0.00	54.49 5.09 0.00	64.54 6.13 0.00	56.56 5.10 0.00	50.95 3.95 0.00	45.31 3.28 0.00	41.77 2.88 0.00	37.16 2.27 0.00	33.88 2.42 0.00

ELLENBURG_WT_PWR 323604	27.23 0.30 0.00	24.02 0.38 0.00	22.78 0.31 0.00	21.11 0.29 0.00	21.30 0.27 0.00	24.79 0.49 0.00	26.85 0.76 0.00	29.66 0.86 0.00	31.73 0.95 0.00	31.12 -0.83 0.00	32.62 -1.46 0.00	34.38 -1.54 0.00	34.59 -1.67 0.00	36.49 -1.80 0.00	37.81 -1.91 0.00	40.89 -2.29 0.00	45.12 -3.11 1.18	54.67 -3.74 0.00	47.91 -3.55 0.01	44.04 -2.96 0.00	39.85 -2.19 0.00	36.36 -2.53 0.00	34.26 -0.63 0.00	32.25 0.79 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	27.25 0.32 0.00	23.95 0.31 0.00	22.46 0.00 0.00	20.86 0.04 0.00	21.05 0.02 0.00	23.82 -0.49 0.00	24.95 -1.15 0.00	27.87 -0.92 0.00	29.36 -1.42 0.00	30.96 -0.99 0.00	34.12 0.03 0.00	35.64 -0.29 0.00	36.29 0.04 0.00	39.10 0.80 0.00	40.47 0.75 0.00	42.71 -0.47 -0.01	48.91 -0.49 0.00	57.19 -1.23 -0.01	50.64 -0.82 0.00	46.49 -0.52 0.00	41.62 -0.42 0.00	39.20 0.31 0.00	35.35 0.45 0.00	31.43 -0.03 0.00
EMPIRE_CC_1 323656	29.28 0.67 -1.68	26.54 0.69 -2.21	24.69 0.67 -1.56	22.91 0.65 -1.44	23.00 0.65 -1.31	24.96 0.66 0.00	26.75 0.65 0.00	29.57 0.78 0.00	31.66 0.89 0.00	32.88 0.93 0.00	34.94 0.85 0.00	36.82 0.90 0.00	37.16 0.91 0.00	39.17 0.88 0.00	40.63 0.91 0.00	44.26 1.08 0.00	50.94 1.53 0.00	60.16 1.75 0.00	53.11 1.65 0.00	48.46 1.46 0.00	43.21 1.18 0.00	39.98 1.09 0.00	35.59 0.70 0.00	32.19 0.72 0.00
EMPIRE_CC_2 323658	29.28 0.67 -1.68	26.54 0.69 -2.21	24.69 0.67 -1.56	22.91 0.65 -1.44	23.00 0.65 -1.31	24.96 0.66 0.00	26.75 0.65 0.00	29.57 0.78 0.00	31.66 0.89 0.00	32.88 0.93 0.00	34.94 0.85 0.00	36.82 0.90 0.00	37.16 0.91 0.00	39.17 0.88 0.00	40.63 0.91 0.00	44.26 1.08 0.00	50.94 1.53 0.00	60.16 1.75 0.00	53.11 1.65 0.00	48.46 1.46 0.00	43.21 1.18 0.00	39.98 1.09 0.00	35.59 0.70 0.00	32.19 0.72 0.00
ENORWICH_115KV_TB1 80156	29.87 2.94 0.00	26.24 2.60 0.00	24.82 2.36 0.00	23.02 2.21 0.00	23.24 2.21 0.00	26.76 2.46 0.00	29.02 2.92 0.00	32.33 3.54 0.00	33.85 3.08 0.00	35.27 3.32 0.00	37.84 3.75 0.00	39.69 3.77 0.00	39.99 3.73 0.00	43.08 4.79 0.00	44.60 4.88 0.00	48.57 5.40 0.00	55.71 6.42 0.12	67.34 8.94 0.00	59.24 7.77 0.00	55.14 8.13 0.00	49.64 7.61 0.00	45.78 6.88 0.00	40.26 5.37 0.00	35.71 4.25 0.00
ERIE_ST_34_KV_TB1-2 80199	27.39 0.46 0.00	24.02 0.38 0.00	22.53 0.07 0.00	20.90 0.08 0.00	21.11 0.08 0.00	23.94 -0.36 0.00	25.19 -0.91 0.00	28.05 -0.75 0.00	29.57 -1.20 0.00	31.19 -0.77 0.00	34.43 0.34 0.00	35.96 0.04 0.00	36.65 0.40 0.00	39.48 1.19 0.00	40.87 1.15 0.00	43.27 0.09 -0.01	49.56 0.15 0.00	57.89 -0.53 -0.01	51.42 -0.05 0.00	47.05 0.05 0.00	42.08 0.04 0.00	39.56 0.66 0.00	35.66 0.77 0.00	31.68 0.22 0.00
ERIE_WT_PWR 323693	27.39 0.46 0.00	23.54 -0.09 0.00	22.37 -0.09 0.00	20.57 -0.25 0.00	20.82 -0.21 0.00	23.97 -0.34 0.00	25.03 -1.07 0.00	27.96 -0.84 0.00	29.54 -1.23 0.00	31.38 -0.57 0.00	34.71 0.61 0.00	36.39 0.47 0.00	36.91 0.65 0.00	39.64 1.34 0.00	41.02 1.31 0.00	43.40 0.22 -0.01	49.66 0.25 0.00	58.07 -0.35 -0.01	51.52 0.05 0.00	47.20 0.19 0.00	42.79 0.76 0.00	39.79 0.90 0.00	36.15 1.25 0.00	31.87 0.41 0.00
ESPRGFLD_115KV_TB1 80157	28.98 2.05 0.00	25.41 1.77 0.00	24.04 1.57 0.00	22.27 1.46 0.00	22.52 1.49 0.00	26.08 1.77 0.00	28.11 2.01 0.00	30.84 2.04 0.00	32.80 2.03 0.00	34.06 2.11 0.00	36.44 2.35 0.00	38.37 2.44 0.00	38.72 2.47 0.00	41.13 2.83 0.00	42.69 2.98 0.00	46.37 3.19 0.00	53.16 3.75 0.00	63.43 5.02 0.00	56.10 4.63 0.00	51.56 4.56 0.00	46.24 4.20 0.00	42.74 3.85 0.00	37.96 3.07 0.00	33.95 2.49 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	27.55 0.62 0.00	24.18 0.54 0.00	22.89 0.43 0.00	21.19 0.37 0.00	21.41 0.38 0.00	24.67 0.36 0.00	26.43 0.34 0.00	29.37 0.58 0.00	31.11 0.34 0.00	32.43 0.48 0.00	34.80 0.72 0.00	36.68 0.75 0.00	37.05 0.80 0.00	39.48 1.19 0.00	40.90 1.19 0.00	44.17 0.99 0.00	50.62 1.33 0.12	60.16 1.75 0.00	53.06 1.60 0.00	48.74 1.74 0.00	43.63 1.60 0.00	40.41 1.52 0.00	36.15 1.26 0.00	32.28 0.82 0.00
ETNA____115KV_TB2 80207	27.55 0.62 0.00	24.18 0.54 0.00	22.89 0.43 0.00	21.19 0.37 0.00	21.41 0.38 0.00	24.67 0.36 0.00	26.43 0.34 0.00	29.37 0.58 0.00	31.11 0.34 0.00	32.43 0.48 0.00	34.80 0.72 0.00	36.68 0.75 0.00	37.05 0.80 0.00	39.48 1.19 0.00	40.90 1.19 0.00	44.17 0.99 0.00	50.62 1.33 0.12	60.16 1.75 0.00	53.06 1.60 0.00	48.74 1.74 0.00	43.63 1.60 0.00	40.41 1.52 0.00	36.15 1.26 0.00	32.28 0.82 0.00
EUCLID____115KV_TB2 356179	26.37 -0.57 0.00	23.14 -0.50 0.00	21.97 -0.49 0.00	20.36 -0.46 0.00	20.57 -0.46 0.00	23.63 -0.68 0.00	25.26 -0.84 0.00	28.02 -0.78 0.00	29.82 -0.95 0.00	31.09 -0.86 0.00	33.37 -0.72 0.00	35.20 -0.72 0.00	35.53 -0.73 0.00	37.76 -0.54 0.00	39.16 -0.56 0.00	42.27 -0.91 0.00	48.30 -0.94 0.16	57.24 -1.17 0.00	50.44 -1.03 0.00	46.16 -0.85 0.00	41.32 -0.71 0.00	38.31 -0.58 0.00	34.33 -0.56 0.00	30.77 -0.69 0.00
E_CANADA_CAP_HY 24051	30.30 2.64 -0.73	26.87 2.27 -0.96	25.18 2.04 -0.68	23.32 1.87 -0.63	23.53 1.93 -0.57	26.62 2.31 0.00	28.58 2.48 0.00	31.27 2.48 0.00	33.26 2.49 0.00	34.38 2.43 0.00	36.71 2.62 0.00	38.65 2.73 0.00	39.04 2.79 0.00	41.32 3.02 0.00	42.89 3.18 0.00	46.37 3.19 0.00	53.31 3.90 0.00	64.01 5.61 0.00	57.03 5.56 0.00	52.50 5.50 0.00	47.29 5.25 0.00	43.75 4.86 0.00	38.73 3.84 0.00	34.61 3.15 0.00
E_CANADA_MHWK_HY 24050	27.09 0.16 0.00	23.76 0.12 0.00	22.58 0.11 0.00	20.92 0.10 0.00	21.16 0.13 0.00	24.40 0.10 0.00	26.23 0.13 0.00	28.91 0.12 0.00	30.92 0.15 0.00	32.18 0.23 0.00	34.36 0.27 0.00	36.18 0.25 0.00	36.51 0.26 0.00	38.64 0.34 0.00	40.03 0.32 0.00	43.65 0.48 0.00	49.82 0.54 0.13	59.16 0.76 0.00	52.09 0.62 0.00	47.66 0.66 0.00	42.58 0.55 0.00	39.48 0.58 0.00	35.17 0.28 0.00	31.68 0.22 0.00
E_FISHKILL____LBMP 23776	31.53 1.45 -3.14	29.04 1.25 -4.15	26.57 1.19 -2.92	24.63 1.10 -2.71	24.60 1.11 -2.46	25.67 1.36 0.00	27.64 1.54 0.00	30.49 1.70 0.00	32.74 1.97 0.00	34.03 2.08 0.00	36.17 2.08 0.00	38.11 2.19 0.00	38.43 2.18 0.00	40.59 2.30 0.00	42.17 2.46 0.00	46.15 2.98 0.00	53.01 3.61 0.00	62.67 4.26 0.00	55.07 3.60 0.00	50.01 3.01 0.00	44.47 2.44 0.00	40.95 2.06 0.00	36.67 1.78 0.00	33.19 1.73 0.00
FALCON____SEABRD_CC1 323796	27.34 0.40 0.00	24.09 0.45 0.00	22.85 0.38 0.00	21.19 0.38 0.00	21.39 0.36 0.00	24.87 0.56 0.00	26.93 0.83 0.00	29.74 0.95 0.00	31.75 0.98 0.00	31.02 -0.93 0.00	32.42 -1.67 0.00	34.16 -1.76 0.00	34.37 -1.89 0.00	36.26 -2.03 0.00	37.53 -2.18 0.00	40.63 -2.55 0.00	44.82 -3.41 1.18	54.26 -4.15 0.00	47.60 -3.86 0.01	43.76 -3.24 0.00	39.64 -2.39 0.00	36.21 -2.68 0.00	34.16 -0.73 0.00	32.34 0.88 0.00

FALCON___SEABRD_CC2 323797	27.34 0.40 0.00	24.09 0.45 0.00	22.85 0.38 0.00	21.19 0.38 0.00	21.39 0.36 0.00	24.87 0.56 0.00	26.93 0.83 0.00	29.74 0.95 0.00	31.75 0.98 0.00	31.02 -0.93 0.00	32.42 -1.67 0.00	34.16 -1.76 0.00	34.37 -1.89 0.00	36.26 -2.03 0.00	37.53 -2.18 0.00	40.63 -2.55 0.00	44.82 -3.41 1.18	54.26 -4.15 0.00	47.60 -3.86 0.01	43.76 -3.24 0.00	39.64 -2.39 0.00	36.21 -2.68 0.00	34.16 -0.73 0.00	32.34 0.88 0.00
FAR ROCKAWAY___4 23548	37.01 2.69 -7.39	34.00 2.32 -8.05	31.47 2.16 -6.85	29.10 1.98 -6.30	25.81 1.98 -2.80	30.10 2.38 -3.41	28.73 2.64 0.00	34.92 2.97 -3.16	36.46 3.35 -2.34	36.96 3.55 -1.47	37.36 3.27 0.00	39.44 3.52 0.00	39.95 3.70 0.00	42.20 3.91 0.00	44.12 4.41 0.00	47.88 4.71 0.00	55.28 5.88 0.00	65.53 7.13 0.00	57.44 5.97 0.00	51.70 4.70 0.00	45.94 3.91 0.00	42.70 3.81 0.00	37.93 3.04 0.00	34.58 3.11 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	32.47 1.97 -3.57	30.03 1.68 -4.72	27.35 1.57 -3.32	25.29 1.39 -3.08	25.23 1.41 -2.80	26.08 1.77 0.00	28.18 2.09 0.00	31.15 2.36 0.00	33.48 2.71 0.00	34.83 2.88 0.00	37.02 2.93 0.00	39.01 3.09 0.00	39.30 3.05 0.00	41.51 3.22 0.00	43.21 3.49 0.00	47.32 4.14 0.00	54.39 4.99 0.00	64.25 5.84 0.00	56.36 4.89 0.00	51.05 4.04 0.00	45.23 3.19 0.00	41.61 2.72 0.00	37.33 2.44 0.00	33.79 2.33 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	32.47 1.97 -3.57	30.03 1.68 -4.72	27.35 1.57 -3.32	25.31 1.42 -3.08	25.23 1.41 -2.80	26.08 1.77 0.00	28.18 2.09 0.00	31.15 2.36 0.00	33.48 2.71 0.00	34.83 2.88 0.00	37.02 2.93 0.00	39.01 3.09 0.00	39.30 3.05 0.00	41.51 3.22 0.00	43.21 3.49 0.00	47.32 4.14 0.00	54.39 4.99 0.00	64.25 5.84 0.00	56.36 4.89 0.00	51.09 4.09 0.00	45.23 3.19 0.00	41.61 2.72 0.00	37.33 2.44 0.00	33.82 2.36 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	32.44 1.94 -3.57	30.01 1.65 -4.72	27.33 1.55 -3.32	25.29 1.39 -3.08	25.21 1.39 -2.80	26.06 1.75 0.00	28.16 2.06 0.00	31.13 2.33 0.00	33.48 2.71 0.00	34.83 2.88 0.00	36.99 2.90 0.00	38.98 3.05 0.00	39.26 3.01 0.00	41.47 3.18 0.00	43.17 3.45 0.00	47.28 4.10 0.00	54.35 4.94 0.00	64.19 5.78 0.00	56.30 4.84 0.00	51.00 4.00 0.00	45.19 3.15 0.00	41.58 2.68 0.00	37.30 2.41 0.00	33.79 2.33 0.00
FARRAGUT___LBMP 323566	32.41 1.91 -3.57	29.99 1.63 -4.72	27.31 1.53 -3.32	25.27 1.37 -3.08	25.19 1.37 -2.80	26.03 1.73 0.00	28.13 2.04 0.00	31.10 2.30 0.00	33.45 2.68 0.00	34.79 2.84 0.00	36.95 2.86 0.00	38.90 2.98 0.00	39.23 2.97 0.00	41.43 3.14 0.00	43.13 3.42 0.00	47.23 4.06 0.00	54.25 4.84 0.00	64.13 5.72 0.00	56.25 4.79 0.00	50.95 3.95 0.00	45.14 3.11 0.00	41.54 2.64 0.00	37.26 2.37 0.00	33.76 2.30 0.00
FENNER___WINDPWR 24204	27.47 0.54 0.00	24.06 0.43 0.00	22.85 0.38 0.00	21.15 0.33 0.00	21.37 0.34 0.00	24.70 0.39 0.00	26.51 0.42 0.00	29.28 0.49 0.00	31.14 0.37 0.00	32.46 0.51 0.00	34.77 0.68 0.00	36.68 0.76 0.00	37.02 0.76 0.00	39.36 1.07 0.00	40.82 1.11 0.00	44.30 1.12 0.00	50.46 1.33 0.27	60.16 1.75 0.00	52.96 1.49 0.00	48.55 1.55 0.00	43.54 1.51 0.00	40.29 1.40 0.00	35.94 1.05 0.00	32.19 0.72 0.00
FIBERTEK___ENERGY 23856	26.66 -0.27 0.00	23.40 -0.24 0.00	22.19 -0.27 0.00	20.55 -0.27 0.00	20.78 -0.25 0.00	23.89 -0.41 0.00	25.55 -0.55 0.00	28.36 -0.43 0.00	30.12 -0.65 0.00	31.44 -0.51 0.00	33.75 -0.34 0.00	35.60 -0.32 0.00	35.96 -0.29 0.00	38.25 -0.04 0.00	39.67 -0.04 0.00	42.79 -0.39 0.00	48.89 -0.35 0.17	58.00 -0.41 0.00	51.11 -0.36 0.00	46.77 -0.24 0.00	41.87 -0.17 0.00	38.81 -0.08 0.00	34.79 -0.10 0.00	31.15 -0.31 0.00
FITZPATRICK____ 23598	25.91 -1.02 0.00	22.81 -0.83 0.00	21.66 -0.81 0.00	20.07 -0.75 0.00	20.25 -0.78 0.00	23.41 -0.90 0.00	25.00 -1.10 0.00	27.53 -1.27 0.00	29.26 -1.51 0.00	30.55 -1.41 0.00	32.76 -1.33 0.00	34.56 -1.37 0.00	34.87 -1.38 0.00	37.03 -1.26 0.00	38.36 -1.35 0.00	41.49 -1.68 0.00	47.53 -1.88 0.00	56.19 -2.22 0.00	49.51 -1.96 0.00	45.31 -1.69 0.00	40.60 -1.43 0.00	37.61 -1.28 0.00	33.70 -1.19 0.00	30.20 -1.26 0.00
FLOWRFLD_69_KV_BK1 356044	36.79 2.48 -7.39	33.79 2.10 -8.05	31.29 1.98 -6.85	28.93 1.81 -6.30	25.68 1.85 -2.80	29.96 2.24 -3.41	28.55 2.45 0.00	34.75 2.79 -3.16	36.25 3.14 -2.34	36.80 3.39 -1.47	36.58 2.49 0.00	38.55 2.62 0.00	39.23 2.97 0.00	41.51 3.22 0.00	43.48 3.77 0.00	47.45 4.27 0.00	55.00 5.58 -0.02	65.26 6.83 -0.02	57.20 5.71 -0.02	51.23 4.23 0.00	45.77 3.74 0.00	44.67 3.19 -2.59	36.98 2.09 0.01	34.10 2.64 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	32.14 1.78 -3.43	29.67 1.49 -4.54	27.12 1.46 -3.19	25.11 1.33 -2.96	25.07 1.35 -2.69	25.94 1.63 0.00	27.95 1.85 0.00	30.72 1.93 0.00	33.05 2.28 0.00	34.25 2.30 0.00	36.41 2.32 0.00	38.37 2.44 0.00	38.72 2.47 0.00	40.93 2.64 0.00	42.57 2.86 0.00	46.63 3.45 0.00	53.65 4.25 0.00	63.43 5.02 0.00	55.79 4.32 0.00	50.67 3.67 0.00	45.10 3.07 0.00	41.46 2.57 0.00	37.12 2.23 0.00	33.60 2.14 0.00
FORT ORANGE____ 23900	29.09 0.73 -1.43	26.19 0.66 -1.89	24.42 0.63 -1.33	22.65 0.60 -1.23	22.76 0.61 -1.12	24.94 0.63 0.00	26.77 0.68 0.00	29.51 0.72 0.00	31.42 0.65 0.00	32.59 0.64 0.00	34.63 0.54 0.00	36.50 0.57 0.00	36.87 0.62 0.00	38.87 0.58 0.00	40.31 0.60 0.00	43.91 0.73 0.00	50.49 1.09 0.00	59.87 1.46 0.00	52.86 1.39 0.00	48.27 1.27 0.00	43.08 1.05 0.00	39.90 1.01 0.00	35.52 0.63 0.00	32.03 0.57 0.00
FORT_DRUM_COGEN 23780	26.37 -0.57 0.00	23.12 -0.52 0.00	21.97 -0.49 0.00	20.38 -0.44 0.00	20.59 -0.44 0.00	23.72 -0.58 0.00	25.63 -0.47 0.00	28.30 -0.49 0.00	30.00 -0.77 0.00	31.09 -0.86 0.00	33.10 -0.99 0.00	34.85 -1.08 0.00	35.13 -1.12 0.00	37.34 -0.96 0.00	38.52 -1.19 0.00	41.97 -1.21 0.00	45.69 -1.53 2.19	57.12 -1.28 0.00	50.49 -0.98 0.00	46.86 -0.14 0.00	42.12 0.08 0.00	39.05 0.16 0.00	34.61 -0.28 0.00	30.93 -0.53 0.00
FOX_HILLS___ESR 323835	32.60 2.10 -3.57	30.15 1.80 -4.72	27.49 1.71 -3.32	25.46 1.56 -3.09	25.38 1.56 -2.80	26.18 1.87 0.00	28.26 2.17 0.00	31.21 2.42 0.00	35.74 2.77 -2.20	37.08 2.94 -2.19	37.05 2.97 0.00	38.87 2.95 0.00	39.19 2.94 0.00	41.39 3.10 0.00	43.17 3.45 0.00	62.32 4.06 -15.09	59.53 4.84 -5.29	64.01 5.61 0.00	76.80 4.84 -20.50	59.59 4.04 -8.54	45.10 3.07 0.00	41.46 2.57 0.00	37.23 2.34 0.00	34.01 2.55 0.00
FPL FAR_ROCK_GT1 24212	37.01 2.69 -7.39	33.93 2.25 -8.05	31.45 2.14 -6.85	29.06 1.94 -6.30	25.76 1.93 -2.80	29.98 2.26 -3.41	28.58 2.48 0.00	34.89 2.94 -3.16	36.46 3.35 -2.34	36.93 3.51 -1.47	37.29 3.20 0.00	39.30 3.38 0.00	39.88 3.62 0.00	42.20 3.91 0.00	44.08 4.37 0.00	47.84 4.66 0.00	55.23 5.83 0.00	65.47 7.06 0.00	57.38 5.92 0.00	51.61 4.61 0.00	45.73 3.70 0.00	42.90 4.01 0.00	37.75 2.86 0.00	34.46 2.99 -0.01

FPL FAR_ROCK_GT2 23815	37.01 2.69 -7.39	33.93 2.25 -8.05	31.45 2.14 -6.85	29.06 1.94 -6.30	25.76 1.93 -2.80	29.98 2.26 -3.41	28.58 2.48 0.00	34.89 2.94 -3.16	36.46 3.35 -2.34	36.93 3.51 -1.47	37.29 3.20 0.00	39.30 3.38 0.00	39.88 3.62 0.00	42.20 3.91 0.00	44.08 4.37 0.00	47.84 4.66 0.00	55.23 5.83 0.00	65.47 7.06 0.00	57.38 5.92 0.00	51.61 4.61 0.00	45.73 3.70 0.00	42.90 4.01 0.00	37.75 2.86 0.00	34.46 2.99 -0.01
FRANKLIN_FALL_HYD 24054	26.63 -0.30 0.00	23.40 -0.24 0.00	22.26 -0.20 0.00	20.61 -0.21 0.00	20.82 -0.21 0.00	24.16 -0.15 0.00	26.15 0.05 0.00	28.88 0.09 0.00	30.83 0.06 0.00	31.25 -0.70 0.00	33.17 -0.92 0.00	34.95 -0.97 0.00	35.24 -1.02 0.00	37.11 -1.19 0.00	38.36 -1.35 0.00	41.53 -1.64 0.00	44.02 -2.37 3.01	55.49 -2.92 0.00	48.88 -2.57 0.01	44.84 -2.16 0.00	40.56 -1.47 0.00	37.61 -1.28 0.00	34.19 -0.70 0.00	31.34 -0.13 0.00
FREEPORT_EQUS_GT1 23764	36.74 2.42 -7.39	33.72 2.03 -8.05	31.24 1.93 -6.85	28.87 1.75 -6.30	25.60 1.77 -2.80	29.76 2.04 -3.41	28.36 2.27 0.00	34.66 2.71 -3.16	36.21 3.11 -2.34	36.64 3.23 -1.47	36.85 2.76 0.00	38.80 2.87 0.00	39.37 3.12 0.00	41.66 3.37 0.00	43.52 3.81 0.00	47.49 4.32 0.00	54.79 5.39 0.00	65.00 6.60 0.00	56.98 5.51 0.00	51.19 4.18 0.00	45.52 3.49 0.00	42.39 3.50 0.00	37.22 2.34 0.00	34.04 2.58 0.00
FREEPORT___CT2 23818	36.74 2.42 -7.39	33.72 2.03 -8.05	31.24 1.93 -6.85	28.87 1.75 -6.30	25.60 1.77 -2.80	29.76 2.04 -3.41	28.36 2.27 0.00	34.66 2.71 -3.16	36.21 3.11 -2.34	36.64 3.23 -1.47	36.85 2.76 0.00	38.80 2.87 0.00	39.37 3.12 0.00	41.66 3.37 0.00	43.52 3.81 0.00	47.49 4.32 0.00	54.79 5.39 0.00	65.00 6.60 0.00	56.98 5.51 0.00	51.19 4.18 0.00	45.52 3.49 0.00	42.39 3.50 0.00	37.22 2.34 0.00	34.04 2.58 0.00
FRESHKLS_33_KV_LOAD 356253	32.57 2.07 -3.57	30.15 1.80 -4.72	27.46 1.68 -3.32	25.46 1.56 -3.09	25.38 1.56 -2.80	26.15 1.85 0.00	28.24 2.14 0.00	31.13 2.33 0.00	34.02 2.68 -0.57	36.31 2.84 -1.52	36.98 2.90 0.01	38.79 2.87 0.01	39.11 2.86 0.01	39.49 3.03 1.82	39.97 3.42 3.16	41.95 4.02 5.24	44.31 4.84 9.94	54.69 5.61 9.32	42.23 4.84 14.08	42.17 4.09 8.92	40.73 3.03 4.33	38.45 2.53 2.97	37.19 2.30 0.00	33.98 2.52 0.00
FULTON COGEN____ 23766	26.20 -0.73 0.00	22.98 -0.66 0.00	21.81 -0.65 0.00	20.21 -0.60 0.00	20.42 -0.61 0.00	23.48 -0.83 0.00	25.10 -0.99 0.00	27.84 -0.95 0.00	29.60 -1.17 0.00	30.90 -1.05 0.00	33.13 -0.95 0.00	34.95 -0.97 0.00	35.27 -0.98 0.00	37.49 -0.80 0.00	38.88 -0.83 0.00	42.01 -1.17 0.00	47.89 -1.24 0.28	56.95 -1.46 0.00	50.18 -1.29 0.00	45.92 -1.08 0.00	41.11 -0.92 0.00	38.11 -0.78 0.00	34.12 -0.77 0.00	30.55 -0.91 0.00
FULTON___LFGE 323630	31.77 3.96 -0.88	28.27 3.48 -1.16	26.36 3.08 -0.82	24.38 2.81 -0.76	24.64 2.92 -0.69	27.78 3.48 0.00	29.96 3.86 0.00	32.97 4.17 0.00	35.36 4.59 0.00	36.55 4.60 0.00	39.30 5.22 0.00	41.35 5.42 0.00	41.69 5.44 0.00	43.92 5.63 0.00	45.39 5.68 0.00	49.14 5.96 0.00	56.52 7.12 0.00	68.16 9.75 0.00	60.68 9.21 0.00	55.61 8.60 0.00	50.19 8.16 0.00	46.16 7.27 0.00	40.68 5.79 0.00	36.21 4.75 0.00
G.F.CEMENT___DRP 24184	30.19 1.97 -1.29	27.05 1.70 -1.71	25.24 1.57 -1.20	23.37 1.44 -1.12	23.52 1.47 -1.01	26.01 1.70 0.00	27.92 1.83 0.00	30.69 1.90 0.00	33.02 2.25 0.00	34.28 2.33 0.00	36.27 2.18 0.00	38.29 2.37 0.00	38.61 2.36 0.00	40.44 2.14 0.00	41.86 2.14 0.00	45.68 2.50 0.00	52.47 3.06 0.00	62.61 4.21 0.00	55.79 4.32 0.00	51.00 4.00 0.00	46.11 4.08 0.00	42.35 3.46 0.00	37.58 2.69 0.00	33.70 2.23 0.00
GARDENVILLE___LBMP 24039	27.31 0.38 0.00	23.97 0.33 0.00	22.51 0.04 0.00	20.88 0.06 0.00	21.07 0.04 0.00	23.87 -0.44 0.00	25.03 -1.07 0.00	27.96 -0.83 0.00	29.45 -1.32 0.00	31.03 -0.93 0.00	34.23 0.14 0.00	35.75 -0.18 0.00	36.40 0.15 0.00	39.18 0.88 0.00	40.59 0.87 0.00	42.88 -0.30 -0.01	49.06 -0.35 0.00	57.42 -0.99 -0.01	50.85 -0.62 0.00	46.63 -0.38 0.00	41.78 -0.25 0.00	39.32 0.43 0.00	35.45 0.56 0.00	31.52 0.06 0.00
GARDNVLA_35_KV_LD 355827	27.44 0.51 0.00	24.06 0.43 0.00	22.60 0.13 0.00	20.96 0.15 0.00	21.16 0.13 0.00	23.97 -0.34 0.00	25.13 -0.97 0.00	28.08 -0.72 0.00	29.57 -1.20 0.00	31.19 -0.77 0.00	34.40 0.31 0.00	35.93 0.00 0.00	36.58 0.33 0.00	39.45 1.15 0.00	40.87 1.15 0.00	43.14 -0.04 -0.01	49.41 0.00 0.00	57.77 -0.64 -0.01	51.11 -0.36 0.00	46.91 -0.09 0.00	42.00 -0.04 0.00	39.56 0.66 0.00	35.63 0.73 0.00	31.68 0.22 0.00
GELCKHM___115KV_LOAD 80723	26.47 -0.46 0.00	23.24 -0.40 0.00	22.04 -0.43 0.00	20.42 -0.40 0.00	20.63 -0.40 0.00	23.70 -0.61 0.00	25.37 -0.73 0.00	28.13 -0.66 0.00	29.91 -0.86 0.00	31.22 -0.73 0.00	33.51 -0.58 0.00	35.35 -0.57 0.00	35.67 -0.58 0.00	37.95 -0.34 0.00	39.31 -0.40 0.00	42.44 -0.73 0.00	48.50 -0.74 0.16	57.53 -0.88 0.00	50.69 -0.77 0.00	46.39 -0.61 0.00	41.49 -0.55 0.00	38.46 -0.43 0.00	34.47 -0.42 0.00	30.90 -0.57 0.00
GENERAL___MILLS 23808	27.36 0.43 0.00	24.02 0.38 0.00	22.55 0.09 0.00	20.92 0.10 0.00	21.11 0.08 0.00	23.92 -0.39 0.00	25.08 -1.02 0.00	28.02 -0.78 0.00	29.51 -1.26 0.00	31.09 -0.86 0.00	34.30 0.20 0.00	35.82 -0.11 0.00	36.47 0.22 0.00	39.29 1.00 0.00	40.71 0.99 0.00	42.97 -0.22 -0.01	49.21 -0.20 0.00	57.54 -0.88 -0.01	50.96 -0.51 0.00	46.77 -0.24 0.00	41.87 -0.17 0.00	39.40 0.51 0.00	35.52 0.63 0.00	31.59 0.13 0.00
GE_PLASTICS___DRP 24183	28.96 0.65 -1.39	26.06 0.59 -1.83	24.31 0.56 -1.29	22.55 0.54 -1.20	22.66 0.55 -1.09	24.94 0.63 0.00	26.75 0.65 0.00	29.46 0.66 0.00	31.54 0.77 0.00	32.75 0.80 0.00	34.84 0.75 0.00	36.75 0.83 0.00	37.05 0.80 0.00	39.14 0.84 0.00	40.58 0.87 0.00	44.25 1.08 0.00	50.84 1.43 0.00	60.10 1.69 0.00	53.01 1.54 0.00	48.37 1.36 0.00	43.21 1.18 0.00	39.86 0.97 0.00	35.62 0.73 0.00	32.15 0.69 0.00
GILBOA___1 23756	28.45 0.73 -0.79	25.30 0.61 -1.05	23.78 0.58 -0.74	22.04 0.54 -0.68	22.20 0.55 -0.62	24.92 0.61 0.00	26.77 0.68 0.00	29.60 0.81 0.00	31.69 0.92 0.00	32.94 0.99 0.00	35.08 0.99 0.00	36.97 1.04 0.00	37.34 1.09 0.00	39.44 1.15 0.00	40.94 1.23 0.00	44.60 1.42 0.00	51.09 1.68 0.00	60.22 1.81 0.00	53.16 1.70 0.00	48.60 1.60 0.00	43.34 1.30 0.00	40.14 1.24 0.00	35.80 0.91 0.00	32.31 0.85 0.00
GILBOA___2 23757	28.45 0.73 -0.79	25.30 0.61 -1.05	23.78 0.58 -0.74	22.04 0.54 -0.68	22.20 0.55 -0.62	24.92 0.61 0.00	26.77 0.68 0.00	29.60 0.81 0.00	31.69 0.92 0.00	32.94 0.99 0.00	35.08 0.99 0.00	36.97 1.04 0.00	37.34 1.09 0.00	39.44 1.15 0.00	40.94 1.23 0.00	44.60 1.42 0.00	51.09 1.68 0.00	60.22 1.81 0.00	53.16 1.70 0.00	48.60 1.60 0.00	43.34 1.30 0.00	40.14 1.24 0.00	35.80 0.91 0.00	32.31 0.85 0.00

GILBOA___3 23758	28.45 0.73 -0.79	25.30 0.61 -1.05	23.78 0.58 -0.74	22.04 0.54 -0.68	22.20 0.55 -0.62	24.92 0.61 0.00	26.77 0.68 0.00	29.60 0.81 0.00	31.69 0.92 0.00	32.94 0.99 0.00	35.08 0.99 0.00	36.97 1.04 0.00	37.34 1.09 0.00	39.44 1.15 0.00	40.94 1.23 0.00	44.60 1.42 0.00	51.09 1.68 0.00	60.22 1.81 0.00	53.16 1.70 0.00	48.60 1.60 0.00	43.34 1.30 0.00	40.14 1.24 0.00	35.80 0.91 0.00	32.31 0.85 0.00
GILBOA___4 23759	28.45 0.73 -0.79	25.30 0.61 -1.05	23.78 0.58 -0.74	22.04 0.54 -0.68	22.20 0.55 -0.62	24.92 0.61 0.00	26.77 0.68 0.00	29.60 0.81 0.00	31.69 0.92 0.00	32.94 0.99 0.00	35.08 0.99 0.00	36.97 1.04 0.00	37.34 1.09 0.00	39.44 1.15 0.00	40.94 1.23 0.00	44.60 1.42 0.00	51.09 1.68 0.00	60.22 1.81 0.00	53.16 1.70 0.00	48.60 1.60 0.00	43.34 1.30 0.00	40.14 1.24 0.00	35.80 0.91 0.00	32.31 0.85 0.00
GILBOA___ 23599	28.45 0.73 -0.79	25.32 0.64 -1.05	23.81 0.61 -0.74	22.06 0.56 -0.68	22.22 0.57 -0.62	24.99 0.68 0.00	26.83 0.73 0.00	29.60 0.81 0.00	31.69 0.92 0.00	32.94 0.99 0.00	35.11 1.02 0.00	37.00 1.08 0.00	37.34 1.09 0.00	39.44 1.15 0.00	40.94 1.23 0.00	44.64 1.47 0.00	51.13 1.73 0.00	60.28 1.87 0.00	53.22 1.75 0.00	48.60 1.60 0.00	43.38 1.35 0.00	40.02 1.13 0.00	35.83 0.94 0.00	32.31 0.85 0.00
GINNA___ 23603	25.83 -1.11 0.00	22.48 -1.16 0.00	21.32 -1.14 0.00	19.65 -1.17 0.00	19.85 -1.18 0.00	22.97 -1.34 0.00	24.16 -1.93 0.00	26.98 -1.81 0.00	28.59 -2.18 0.00	30.13 -1.82 0.00	32.76 -1.33 0.00	34.52 -1.40 0.00	34.91 -1.34 0.00	37.26 -1.03 0.00	38.60 -1.11 0.00	41.32 -1.86 0.00	47.18 -2.22 0.00	55.72 -2.69 0.00	49.20 -2.26 0.00	45.03 -1.97 0.00	40.60 -1.43 0.00	37.73 -1.17 0.00	33.91 -0.98 0.00	30.05 -1.42 0.00
GLEN PARK___ 23778	26.53 -0.40 0.00	23.26 -0.38 0.00	22.08 -0.38 0.00	20.53 -0.29 0.00	20.72 -0.31 0.00	23.92 -0.39 0.00	25.83 -0.26 0.00	28.45 -0.34 0.00	30.09 -0.68 0.00	31.25 -0.70 0.00	33.27 -0.82 0.00	35.03 -0.90 0.00	35.28 -0.98 0.00	37.49 -0.81 0.00	38.68 -1.03 0.00	42.18 -0.99 0.00	46.07 -1.23 2.10	57.53 -0.87 0.00	50.85 -0.62 0.00	47.29 0.28 0.00	42.62 0.59 0.00	39.36 0.47 0.00	34.93 0.03 0.00	31.18 -0.28 0.00
GLENDALE_27_KV_LOAD 356172	32.71 2.21 -3.57	30.24 1.89 -4.72	27.55 1.77 -3.32	25.48 1.58 -3.08	25.42 1.60 -2.80	26.28 1.97 0.00	28.42 2.32 0.00	31.38 2.59 0.00	35.95 2.98 -2.20	35.43 3.16 -0.32	37.29 3.20 0.00	39.16 3.23 0.00	39.44 3.19 0.00	41.66 3.37 0.00	43.40 3.69 0.00	49.20 4.23 -1.80	54.50 5.04 -0.06	64.31 5.90 0.00	52.39 5.04 4.12	49.69 4.23 1.55	45.27 3.24 0.00	41.65 2.76 0.00	37.47 2.58 0.00	34.10 2.64 0.00
GLENWOOD_IC_1_G5 23712	36.69 2.37 -7.39	33.72 2.03 -8.05	31.22 1.91 -6.85	28.87 1.75 -6.30	25.58 1.75 -2.80	29.86 2.14 -3.41	28.47 2.37 0.00	34.66 2.71 -3.16	36.18 3.08 -2.34	36.71 3.29 -1.47	37.05 2.97 0.00	39.08 3.16 0.00	39.62 3.37 0.00	41.51 3.22 0.00	43.40 3.69 0.00	47.45 4.27 0.00	54.79 5.39 0.00	64.89 6.48 0.00	56.82 5.35 0.00	51.14 4.14 0.00	45.44 3.40 0.00	41.89 2.99 0.00	37.47 2.58 0.00	34.17 2.71 0.00
GLENWOOD_IC_2_G1 23688	36.60 2.29 -7.39	33.60 1.91 -8.05	31.13 1.82 -6.85	28.76 1.64 -6.30	25.49 1.66 -2.80	29.64 1.92 -3.41	28.26 2.16 0.00	34.55 2.59 -3.16	36.09 2.98 -2.34	36.52 3.10 -1.47	36.82 2.73 0.00	38.80 2.87 0.00	39.26 3.01 0.00	41.55 3.25 0.00	43.36 3.65 0.00	47.45 4.28 0.00	54.69 5.29 0.00	64.83 6.42 0.00	56.77 5.30 0.00	51.09 4.09 0.00	45.27 3.24 0.00	42.12 3.23 0.00	37.16 2.27 0.00	33.92 2.46 0.00
GLENWOOD_IC_3_G1 23689	36.60 2.29 -7.39	33.60 1.91 -8.05	31.13 1.82 -6.85	28.76 1.64 -6.30	25.49 1.66 -2.80	29.64 1.92 -3.41	28.26 2.16 0.00	34.55 2.59 -3.16	36.09 2.98 -2.34	36.52 3.10 -1.47	36.82 2.73 0.00	38.80 2.87 0.00	39.26 3.01 0.00	41.55 3.25 0.00	43.36 3.65 0.00	47.45 4.28 0.00	54.69 5.29 0.00	64.83 6.42 0.00	56.77 5.30 0.00	51.09 4.09 0.00	45.27 3.24 0.00	42.12 3.23 0.00	37.16 2.27 0.00	33.92 2.46 0.00
GLENWOOD___4 23550	36.69 2.37 -7.39	33.72 2.03 -8.05	31.22 1.91 -6.85	28.87 1.75 -6.30	25.58 1.75 -2.80	29.86 2.14 -3.41	28.47 2.37 0.00	34.66 2.71 -3.16	36.18 3.08 -2.34	36.71 3.29 -1.47	37.05 2.97 0.00	39.08 3.16 0.00	39.62 3.37 0.00	41.62 3.33 0.00	43.52 3.81 0.00	47.58 4.40 0.00	54.89 5.48 0.00	65.01 6.60 0.00	56.97 5.51 0.00	51.28 4.28 0.00	45.56 3.53 0.00	42.00 3.11 0.00	37.47 2.58 0.00	34.17 2.71 0.00
GLENWOOD___5 23614	36.69 2.37 -7.39	33.72 2.03 -8.05	31.22 1.91 -6.85	28.87 1.75 -6.30	25.58 1.75 -2.80	29.86 2.14 -3.41	28.47 2.37 0.00	34.66 2.71 -3.16	36.18 3.08 -2.34	36.71 3.29 -1.47	37.05 2.97 0.00	39.08 3.16 0.00	39.62 3.37 0.00	41.62 3.33 0.00	43.52 3.81 0.00	47.58 4.40 0.00	54.89 5.48 0.00	65.01 6.60 0.00	56.97 5.51 0.00	51.28 4.28 0.00	45.56 3.53 0.00	42.00 3.11 0.00	37.47 2.58 0.00	34.17 2.71 0.00
GLOBAL GREEN_PORT_GT1 23814	37.82 3.50 -7.39	34.57 2.88 -8.05	32.05 2.74 -6.85	29.64 2.52 -6.30	26.40 2.56 -2.80	30.68 2.96 -3.41	29.28 3.18 0.00	35.76 3.80 -3.16	36.64 3.54 -2.34	37.28 3.86 -1.47	37.36 3.27 0.00	39.34 3.41 0.00	40.13 3.88 0.00	42.58 4.29 0.00	44.63 4.92 0.00	48.87 5.70 0.00	58.16 8.75 -0.01	69.22 10.80 -0.01	60.59 9.11 -0.01	54.05 7.05 0.00	47.67 5.63 0.00	47.59 5.64 -3.06	38.23 3.35 0.01	35.08 3.62 0.00
GLOBE___DSASP 323697	25.94 -0.97 0.02	22.81 -0.80 0.02	21.43 -1.01 0.02	19.94 -0.87 0.00	20.06 -0.95 0.02	22.61 -1.68 0.02	23.54 -2.53 0.02	26.32 -2.45 0.02	27.73 -3.02 0.02	29.18 -2.75 0.02	32.16 -1.91 0.02	33.57 -2.33 0.02	34.16 -2.07 0.02	36.82 -1.46 0.02	38.14 -1.55 0.02	40.22 -2.94 0.02	46.02 -3.36 0.02	53.89 -4.50 0.02	47.69 -3.76 0.02	43.83 -3.15 0.02	39.24 -2.77 0.02	37.04 -1.83 0.02	33.33 -1.54 0.02	29.68 -1.76 0.02
GOETHSLN___LBMP 323567	32.30 1.80 -3.57	29.89 1.54 -4.72	27.22 1.44 -3.32	25.17 1.27 -3.08	25.11 1.28 -2.80	25.94 1.63 0.00	28.05 1.96 0.00	31.01 2.22 0.00	33.32 2.55 0.00	34.67 2.72 0.00	36.82 2.73 0.00	38.72 2.80 0.00	39.01 2.76 0.00	39.35 2.87 1.82	39.70 3.14 3.15	41.70 3.76 5.23	44.02 4.55 9.93	54.40 5.31 9.32	41.82 4.43 14.07	41.71 3.62 8.91	40.52 2.82 4.33	38.29 2.37 2.97	37.12 2.23 0.00	33.60 2.14 0.00
GOLAH___69_KV_TB 1_2 80279	27.12 0.19 0.00	23.83 0.19 0.00	22.40 -0.07 0.00	20.75 -0.06 0.00	20.93 -0.11 0.00	23.87 -0.44 0.00	25.13 -0.97 0.00	28.10 -0.69 0.00	29.69 -1.08 0.00	31.18 -0.77 0.00	33.92 -0.17 0.00	35.56 -0.36 0.00	36.07 -0.18 0.00	38.71 0.42 0.00	40.15 0.44 0.00	42.79 -0.39 0.00	48.76 -0.64 0.00	57.41 -0.99 0.00	50.85 -0.62 0.00	46.72 -0.28 0.00	41.99 -0.04 0.00	39.36 0.47 0.00	35.24 0.35 0.00	31.46 0.00 0.00

GOODYEAR_LAKE_HYD 323669	28.28 1.35 0.00	24.82 1.18 0.00	23.52 1.06 0.00	21.80 0.98 0.00	22.02 0.99 0.00	25.47 1.17 0.00	27.45 1.36 0.00	30.20 1.41 0.00	32.19 1.42 0.00	33.48 1.53 0.00	35.86 1.77 0.00	37.72 1.80 0.00	38.10 1.85 0.00	40.48 2.18 0.00	42.05 2.34 0.00	45.72 2.55 0.00	52.37 2.96 0.00	62.14 3.74 0.00	54.71 3.24 0.00	50.15 3.15 0.00	44.85 2.82 0.00	41.46 2.57 0.00	36.91 2.02 0.00	33.13 1.67 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	27.28 0.35 0.00	23.92 0.28 0.00	22.64 0.18 0.00	20.98 0.17 0.00	21.20 0.17 0.00	24.40 0.10 0.00	26.10 0.00 0.00	28.88 0.09 0.00	30.65 -0.12 0.00	32.01 0.06 0.00	34.53 0.44 0.00	36.32 0.40 0.00	36.76 0.51 0.00	39.10 0.80 0.00	40.55 0.83 0.00	43.74 0.56 0.00	50.15 0.74 0.00	59.22 0.82 0.00	52.24 0.77 0.00	47.80 0.80 0.00	42.75 0.71 0.00	39.67 0.78 0.00	35.59 0.70 0.00	31.84 0.38 0.00
GOUDEY___7 23579	27.31 0.38 0.00	23.95 0.31 0.00	22.67 0.20 0.00	21.00 0.19 0.00	21.22 0.19 0.00	24.43 0.12 0.00	26.12 0.03 0.00	28.91 0.12 0.00	30.71 -0.06 0.00	32.08 0.13 0.00	34.57 0.48 0.00	36.39 0.47 0.00	36.80 0.54 0.00	39.17 0.88 0.00	40.58 0.87 0.00	43.82 0.65 0.00	50.20 0.79 0.00	59.28 0.88 0.00	52.29 0.82 0.00	47.85 0.85 0.00	42.79 0.76 0.00	39.71 0.82 0.00	35.62 0.73 0.00	31.87 0.41 0.00
GOUDEY___8 23580	27.28 0.35 0.00	23.92 0.28 0.00	22.64 0.18 0.00	20.98 0.17 0.00	21.20 0.17 0.00	24.40 0.10 0.00	26.10 0.00 0.00	28.88 0.09 0.00	30.65 -0.12 0.00	32.01 0.06 0.00	34.53 0.44 0.00	36.32 0.40 0.00	36.76 0.51 0.00	39.10 0.80 0.00	40.55 0.83 0.00	43.74 0.56 0.00	50.15 0.74 0.00	59.22 0.82 0.00	52.24 0.77 0.00	47.80 0.80 0.00	42.75 0.71 0.00	39.67 0.78 0.00	35.59 0.70 0.00	31.84 0.38 0.00
GOWANUS_GT1_1 24077	32.65 2.15 -3.57	30.22 1.87 -4.72	27.53 1.75 -3.32	25.49 1.58 -3.09	25.42 1.60 -2.80	26.23 1.92 0.00	28.34 2.24 0.00	31.33 2.53 0.00	35.86 2.89 -2.20	37.21 3.07 -2.19	37.19 3.10 0.00	39.01 3.09 0.00	39.33 3.08 0.00	41.55 3.25 0.00	43.33 3.61 0.00	62.45 4.19 -15.09	59.68 4.99 -5.29	64.19 5.78 0.00	76.95 4.99 -20.50	59.73 4.18 -8.54	45.23 3.19 0.00	41.58 2.68 0.00	37.37 2.48 0.00	34.10 2.64 0.00
GOWANUS_GT1_2 24078	32.65 2.15 -3.57	30.22 1.87 -4.72	27.53 1.75 -3.32	25.49 1.58 -3.09	25.42 1.60 -2.80	26.23 1.92 0.00	28.34 2.24 0.00	31.33 2.53 0.00	35.86 2.89 -2.20	37.21 3.07 -2.19	37.19 3.10 0.00	39.01 3.09 0.00	39.33 3.08 0.00	41.55 3.25 0.00	43.33 3.61 0.00	62.45 4.19 -15.09	59.68 4.99 -5.29	64.19 5.78 0.00	76.95 4.99 -20.50	59.73 4.18 -8.54	45.23 3.19 0.00	41.58 2.68 0.00	37.37 2.48 0.00	34.10 2.64 0.00
GOWANUS_GT1_3 24079	32.65 2.15 -3.57	30.22 1.87 -4.72	27.53 1.75 -3.32	25.49 1.58 -3.09	25.42 1.60 -2.80	26.23 1.92 0.00	28.34 2.24 0.00	31.33 2.53 0.00	35.86 2.89 -2.20	37.21 3.07 -2.19	37.19 3.10 0.00	39.01 3.09 0.00	39.33 3.08 0.00	41.55 3.25 0.00	43.33 3.61 0.00	62.45 4.19 -15.09	59.68 4.99 -5.29	64.19 5.78 0.00	76.95 4.99 -20.50	59.73 4.18 -8.54	45.23 3.19 0.00	41.58 2.68 0.00	37.37 2.48 0.00	34.10 2.64 0.00
GOWANUS_GT1_4 24080	32.65 2.15 -3.57	30.22 1.87 -4.72	27.53 1.75 -3.32	25.49 1.58 -3.09	25.42 1.60 -2.80	26.23 1.92 0.00	28.34 2.24 0.00	31.33 2.53 0.00	35.86 2.89 -2.20	37.21 3.07 -2.19	37.19 3.10 0.00	39.01 3.09 0.00	39.33 3.08 0.00	41.55 3.25 0.00	43.33 3.61 0.00	62.45 4.19 -15.09	59.68 4.99 -5.29	64.19 5.78 0.00	76.95 4.99 -20.50	59.73 4.18 -8.54	45.23 3.19 0.00	41.58 2.68 0.00	37.37 2.48 0.00	34.10 2.64 0.00
GOWANUS_GT1_5 24084	32.65 2.15 -3.57	30.22 1.87 -4.72	27.53 1.75 -3.32	25.49 1.58 -3.09	25.42 1.60 -2.80	26.23 1.92 0.00	28.34 2.24 0.00	31.33 2.53 0.00	35.86 2.89 -2.20	37.21 3.07 -2.19	37.19 3.10 0.00	39.01 3.09 0.00	39.33 3.08 0.00	41.55 3.25 0.00	43.33 3.61 0.00	62.45 4.19 -15.09	59.68 4.99 -5.29	64.19 5.78 0.00	76.95 4.99 -20.50	59.73 4.18 -8.54	45.23 3.19 0.00	41.58 2.68 0.00	37.37 2.48 0.00	34.10 2.64 0.00
GOWANUS_GT1_6 24111	32.65 2.15 -3.57	30.22 1.87 -4.72	27.53 1.75 -3.32	25.49 1.58 -3.09	25.42 1.60 -2.80	26.23 1.92 0.00	28.34 2.24 0.00	31.33 2.53 0.00	35.86 2.89 -2.20	37.21 3.07 -2.19	37.19 3.10 0.00	39.01 3.09 0.00	39.33 3.08 0.00	41.55 3.25 0.00	43.33 3.61 0.00	62.45 4.19 -15.09	59.68 4.99 -5.29	64.19 5.78 0.00	76.95 4.99 -20.50	59.73 4.18 -8.54	45.23 3.19 0.00	41.58 2.68 0.00	37.37 2.48 0.00	34.10 2.64 0.00
GOWANUS_GT1_7 24112	32.65 2.15 -3.57	30.22 1.87 -4.72	27.53 1.75 -3.32	25.49 1.58 -3.09	25.42 1.60 -2.80	26.23 1.92 0.00	28.34 2.24 0.00	31.33 2.53 0.00	35.86 2.89 -2.20	37.21 3.07 -2.19	37.19 3.10 0.00	39.01 3.09 0.00	39.33 3.08 0.00	41.55 3.25 0.00	43.33 3.61 0.00	62.45 4.19 -15.09	59.68 4.99 -5.29	64.19 5.78 0.00	76.95 4.99 -20.50	59.73 4.18 -8.54	45.23 3.19 0.00	41.58 2.68 0.00	37.37 2.48 0.00	34.10 2.64 0.00
GOWANUS_GT1_8 24113	32.65 2.15 -3.57	30.22 1.87 -4.72	27.53 1.75 -3.32	25.49 1.58 -3.09	25.42 1.60 -2.80	26.23 1.92 0.00	28.34 2.24 0.00	31.33 2.53 0.00	35.86 2.89 -2.20	37.21 3.07 -2.19	37.19 3.10 0.00	39.01 3.09 0.00	39.33 3.08 0.00	41.55 3.25 0.00	43.33 3.61 0.00	62.45 4.19 -15.09	59.68 4.99 -5.29	64.19 5.78 0.00	76.95 4.99 -20.50	59.73 4.18 -8.54	45.23 3.19 0.00	41.58 2.68 0.00	37.37 2.48 0.00	34.10 2.64 0.00
GOWANUS_GT2_1 24114	32.66 2.16 -3.58	30.18 1.82 -4.72	27.52 1.73 -3.32	25.47 1.56 -3.09	25.39 1.56 -2.80	26.08 1.77 0.00	28.22 2.11 -0.01	31.30 2.50 0.00	35.86 2.89 -2.20	37.19 3.04 -2.20	36.98 2.90 0.00	38.80 2.87 0.00	39.30 3.05 0.00	41.51 3.22 0.00	43.24 3.53 0.00	62.41 4.15 -15.09	59.63 4.94 -5.29	64.13 5.73 0.01	76.85 4.89 -20.50	59.63 4.09 -8.54	45.05 3.03 0.01	41.72 2.84 0.01	37.19 2.30 0.00	34.08 2.61 -0.01
GOWANUS_GT2_2 24115	32.66 2.16 -3.58	30.18 1.82 -4.72	27.52 1.73 -3.32	25.47 1.56 -3.09	25.39 1.56 -2.80	26.08 1.77 0.00	28.22 2.11 -0.01	31.30 2.50 0.00	35.86 2.89 -2.20	37.19 3.04 -2.20	36.98 2.90 0.00	38.80 2.87 0.00	39.30 3.05 0.00	41.51 3.22 0.00	43.24 3.53 0.00	62.41 4.15 -15.09	59.63 4.94 -5.29	64.13 5.73 0.01	76.85 4.89 -20.50	59.63 4.09 -8.54	45.05 3.03 0.01	41.72 2.84 0.01	37.19 2.30 0.00	34.08 2.61 -0.01
GOWANUS_GT2_3 24116	32.66 2.16 -3.58	30.18 1.82 -4.72	27.52 1.73 -3.32	25.47 1.56 -3.09	25.39 1.56 -2.80	26.08 1.77 0.00	28.22 2.11 -0.01	31.30 2.50 0.00	35.86 2.89 -2.20	37.19 3.04 -2.20	36.98 2.90 0.00	38.80 2.87 0.00	39.30 3.05 0.00	41.51 3.22 0.00	43.24 3.53 0.00	62.41 4.15 -15.09	59.63 4.94 -5.29	64.13 5.73 0.01	76.85 4.89 -20.50	59.63 4.09 -8.54	45.05 3.03 0.01	41.72 2.84 0.01	37.19 2.30 0.00	34.08 2.61 -0.01

GOWANUS_GT2_4 24117	32.66 2.16 -3.58	30.18 1.82 -4.72	27.52 1.73 -3.32	25.47 1.56 -3.09	25.39 1.56 -2.80	26.08 1.77 0.00	28.22 2.11 -0.01	31.30 2.50 0.00	35.86 2.89 -2.20	37.19 3.04 -2.20	36.98 2.90 0.00	38.80 2.87 0.00	39.30 3.05 0.00	41.51 3.22 0.00	43.24 3.53 0.00	62.41 4.15 -15.09	59.63 4.94 -5.29	64.13 5.73 0.01	76.85 4.89 -20.50	59.63 4.09 -8.54	45.05 3.03 0.01	41.72 2.84 0.01	37.19 2.30 0.00	34.08 2.61 -0.01
GOWANUS_GT2_5 24118	32.66 2.16 -3.58	30.18 1.82 -4.72	27.52 1.73 -3.32	25.47 1.56 -3.09	25.39 1.56 -2.80	26.08 1.77 0.00	28.22 2.11 -0.01	31.30 2.50 0.00	35.86 2.89 -2.20	37.19 3.04 -2.20	36.98 2.90 0.00	38.80 2.87 0.00	39.30 3.05 0.00	41.51 3.22 0.00	43.24 3.53 0.00	62.41 4.15 -15.09	59.63 4.94 -5.29	64.13 5.73 0.01	76.85 4.89 -20.50	59.63 4.09 -8.54	45.05 3.03 0.01	41.72 2.84 0.01	37.19 2.30 0.00	34.08 2.61 -0.01
GOWANUS_GT2_6 24119	32.66 2.16 -3.58	30.18 1.82 -4.72	27.52 1.73 -3.32	25.47 1.56 -3.09	25.39 1.56 -2.80	26.08 1.77 0.00	28.22 2.11 -0.01	31.30 2.50 0.00	35.86 2.89 -2.20	37.19 3.04 -2.20	36.98 2.90 0.00	38.80 2.87 0.00	39.30 3.05 0.00	41.51 3.22 0.00	43.24 3.53 0.00	62.41 4.15 -15.09	59.63 4.94 -5.29	64.13 5.73 0.01	76.85 4.89 -20.50	59.63 4.09 -8.54	45.05 3.03 0.01	41.72 2.84 0.01	37.19 2.30 0.00	34.08 2.61 -0.01
GOWANUS_GT2_7 24120	32.66 2.16 -3.58	30.18 1.82 -4.72	27.52 1.73 -3.32	25.47 1.56 -3.09	25.39 1.56 -2.80	26.08 1.77 0.00	28.22 2.11 -0.01	31.30 2.50 0.00	35.86 2.89 -2.20	37.19 3.04 -2.20	36.98 2.90 0.00	38.80 2.87 0.00	39.30 3.05 0.00	41.51 3.22 0.00	43.24 3.53 0.00	62.41 4.15 -15.09	59.63 4.94 -5.29	64.13 5.73 0.01	76.85 4.89 -20.50	59.63 4.09 -8.54	45.05 3.03 0.01	41.72 2.84 0.01	37.19 2.30 0.00	34.08 2.61 -0.01
GOWANUS_GT2_8 24121	32.66 2.16 -3.58	30.18 1.82 -4.72	27.52 1.73 -3.32	25.47 1.56 -3.09	25.39 1.56 -2.80	26.08 1.77 0.00	28.22 2.11 -0.01	31.30 2.50 0.00	35.86 2.89 -2.20	37.19 3.04 -2.20	36.98 2.90 0.00	38.80 2.87 0.00	39.30 3.05 0.00	41.51 3.22 0.00	43.24 3.53 0.00	62.41 4.15 -15.09	59.63 4.94 -5.29	64.13 5.73 0.01	76.85 4.89 -20.50	59.63 4.09 -8.54	45.05 3.03 0.01	41.72 2.84 0.01	37.19 2.30 0.00	34.08 2.61 -0.01
GOWANUS_GT3_1 24122	32.66 2.16 -3.58	30.18 1.82 -4.72	27.52 1.73 -3.32	25.47 1.56 -3.09	25.39 1.56 -2.80	26.08 1.77 0.00	28.22 2.11 -0.01	31.30 2.50 0.00	35.86 2.89 -2.20	37.19 3.04 -2.20	36.98 2.90 0.00	38.80 2.87 0.00	39.30 3.05 0.00	41.51 3.22 0.00	43.24 3.53 0.00	62.41 4.15 -15.09	59.63 4.94 -5.29	64.13 5.73 0.01	76.85 4.89 -20.50	59.63 4.09 -8.54	45.05 3.03 0.01	41.72 2.84 0.01	37.19 2.30 0.00	34.08 2.61 -0.01
GOWANUS_GT3_2 24123	32.66 2.16 -3.58	30.18 1.82 -4.72	27.52 1.73 -3.32	25.47 1.56 -3.09	25.39 1.56 -2.80	26.08 1.77 0.00	28.22 2.11 -0.01	31.30 2.50 0.00	35.86 2.89 -2.20	37.19 3.04 -2.20	36.98 2.90 0.00	38.80 2.87 0.00	39.30 3.05 0.00	41.51 3.22 0.00	43.24 3.53 0.00	62.41 4.15 -15.09	59.63 4.94 -5.29	64.13 5.73 0.01	76.85 4.89 -20.50	59.63 4.09 -8.54	45.05 3.03 0.01	41.72 2.84 0.01	37.19 2.30 0.00	34.08 2.61 -0.01
GOWANUS_GT3_3 24124	32.66 2.16 -3.58	30.18 1.82 -4.72	27.52 1.73 -3.32	25.47 1.56 -3.09	25.39 1.56 -2.80	26.08 1.77 0.00	28.22 2.11 -0.01	31.30 2.50 0.00	35.86 2.89 -2.20	37.19 3.04 -2.20	36.98 2.90 0.00	38.80 2.87 0.00	39.30 3.05 0.00	41.51 3.22 0.00	43.24 3.53 0.00	62.41 4.15 -15.09	59.63 4.94 -5.29	64.13 5.73 0.01	76.85 4.89 -20.50	59.63 4.09 -8.54	45.05 3.03 0.01	41.72 2.84 0.01	37.19 2.30 0.00	34.08 2.61 -0.01
GOWANUS_GT3_4 24125	32.66 2.16 -3.58	30.18 1.82 -4.72	27.52 1.73 -3.32	25.47 1.56 -3.09	25.39 1.56 -2.80	26.08 1.77 0.00	28.22 2.11 -0.01	31.30 2.50 0.00	35.86 2.89 -2.20	37.19 3.04 -2.20	36.98 2.90 0.00	38.80 2.87 0.00	39.30 3.05 0.00	41.51 3.22 0.00	43.24 3.53 0.00	62.41 4.15 -15.09	59.63 4.94 -5.29	64.13 5.73 0.01	76.85 4.89 -20.50	59.63 4.09 -8.54	45.05 3.03 0.01	41.72 2.84 0.01	37.19 2.30 0.00	34.08 2.61 -0.01
GOWANUS_GT3_5 24126	32.66 2.16 -3.58	30.18 1.82 -4.72	27.52 1.73 -3.32	25.47 1.56 -3.09	25.39 1.56 -2.80	26.08 1.77 0.00	28.22 2.11 -0.01	31.30 2.50 0.00	35.86 2.89 -2.20	37.19 3.04 -2.20	36.98 2.90 0.00	38.80 2.87 0.00	39.30 3.05 0.00	41.51 3.22 0.00	43.24 3.53 0.00	62.41 4.15 -15.09	59.63 4.94 -5.29	64.13 5.73 0.01	76.85 4.89 -20.50	59.63 4.09 -8.54	45.05 3.03 0.01	41.72 2.84 0.01	37.19 2.30 0.00	34.08 2.61 -0.01
GOWANUS_GT3_6 24127	32.66 2.16 -3.58	30.18 1.82 -4.72	27.52 1.73 -3.32	25.47 1.56 -3.09	25.39 1.56 -2.80	26.08 1.77 0.00	28.22 2.11 -0.01	31.30 2.50 0.00	35.86 2.89 -2.20	37.19 3.04 -2.20	36.98 2.90 0.00	38.80 2.87 0.00	39.30 3.05 0.00	41.51 3.22 0.00	43.24 3.53 0.00	62.41 4.15 -15.09	59.63 4.94 -5.29	64.13 5.73 0.01	76.85 4.89 -20.50	59.63 4.09 -8.54	45.05 3.03 0.01	41.72 2.84 0.01	37.19 2.30 0.00	34.08 2.61 -0.01
GOWANUS_GT3_7 24128	32.66 2.16 -3.58	30.18 1.82 -4.72	27.52 1.73 -3.32	25.47 1.56 -3.09	25.39 1.56 -2.80	26.08 1.77 0.00	28.22 2.11 -0.01	31.30 2.50 0.00	35.86 2.89 -2.20	37.19 3.04 -2.20	36.98 2.90 0.00	38.80 2.87 0.00	39.30 3.05 0.00	41.51 3.22 0.00	43.24 3.53 0.00	62.41 4.15 -15.09	59.63 4.94 -5.29	64.13 5.73 0.01	76.85 4.89 -20.50	59.63 4.09 -8.54	45.05 3.03 0.01	41.72 2.84 0.01	37.19 2.30 0.00	34.08 2.61 -0.01
GOWANUS_GT3_8 24129	32.66 2.16 -3.58	30.18 1.82 -4.72	27.52 1.73 -3.32	25.47 1.56 -3.09	25.39 1.56 -2.80	26.08 1.77 0.00	28.22 2.11 -0.01	31.30 2.50 0.00	35.86 2.89 -2.20	37.19 3.04 -2.20	36.98 2.90 0.00	38.80 2.87 0.00	39.30 3.05 0.00	41.51 3.22 0.00	43.24 3.53 0.00	62.41 4.15 -15.09	59.63 4.94 -5.29	64.13 5.73 0.01	76.85 4.89 -20.50	59.63 4.09 -8.54	45.05 3.03 0.01	41.72 2.84 0.01	37.19 2.30 0.00	34.08 2.61 -0.01
GOWANUS_GT4_1 24130	32.65 2.15 -3.57	30.22 1.87 -4.72	27.53 1.75 -3.32	25.49 1.58 -3.09	25.42 1.60 -2.80	26.23 1.92 0.00	28.34 2.24 0.00	31.33 2.53 0.00	35.86 2.89 -2.20	37.21 3.07 -2.19	37.19 3.10 0.00	39.01 3.09 0.00	39.33 3.08 0.00	41.55 3.25 0.00	43.33 3.61 0.00	62.45 4.19 -15.09	59.68 4.99 -5.29	64.19 5.78 0.00	76.95 4.99 -20.50	59.73 4.18 -8.54	45.23 3.19 0.00	41.58 2.68 0.00	37.37 2.48 0.00	34.10 2.64 0.00
GOWANUS_GT4_2 24131	32.65 2.15 -3.57	30.22 1.87 -4.72	27.53 1.75 -3.32	25.49 1.58 -3.09	25.42 1.60 -2.80	26.23 1.92 0.00	28.34 2.24 0.00	31.33 2.53 0.00	35.86 2.89 -2.20	37.21 3.07 -2.19	37.19 3.10 0.00	39.01 3.09 0.00	39.33 3.08 0.00	41.55 3.25 0.00	43.33 3.61 0.00	62.45 4.19 -15.09	59.68 4.99 -5.29	64.19 5.78 0.00	76.95 4.99 -20.50	59.73 4.18 -8.54	45.23 3.19 0.00	41.58 2.68 0.00	37.37 2.48 0.00	34.10 2.64 0.00

GOWANUS_GT4_3 24132	32.65 2.15 -3.57	30.22 1.87 -4.72	27.53 1.75 -3.32	25.49 1.58 -3.09	25.42 1.60 -2.80	26.23 1.92 0.00	28.34 2.24 0.00	31.33 2.53 0.00	35.86 2.89 -2.20	37.21 3.07 -2.19	37.19 3.10 0.00	39.01 3.09 0.00	39.33 3.08 0.00	41.55 3.25 0.00	43.33 3.61 0.00	62.45 4.19 -15.09	59.68 4.99 -5.29	64.19 5.78 0.00	76.95 4.99 -20.50	59.73 4.18 -8.54	45.23 3.19 0.00	41.58 2.68 0.00	37.37 2.48 0.00	34.10 2.64 0.00
GOWANUS_GT4_4 24133	32.65 2.15 -3.57	30.22 1.87 -4.72	27.53 1.75 -3.32	25.49 1.58 -3.09	25.42 1.60 -2.80	26.23 1.92 0.00	28.34 2.24 0.00	31.33 2.53 0.00	35.86 2.89 -2.20	37.21 3.07 -2.19	37.19 3.10 0.00	39.01 3.09 0.00	39.33 3.08 0.00	41.55 3.25 0.00	43.33 3.61 0.00	62.45 4.19 -15.09	59.68 4.99 -5.29	64.19 5.78 0.00	76.95 4.99 -20.50	59.73 4.18 -8.54	45.23 3.19 0.00	41.58 2.68 0.00	37.37 2.48 0.00	34.10 2.64 0.00
GOWANUS_GT4_5 24134	32.65 2.15 -3.57	30.22 1.87 -4.72	27.53 1.75 -3.32	25.49 1.58 -3.09	25.42 1.60 -2.80	26.23 1.92 0.00	28.34 2.24 0.00	31.33 2.53 0.00	35.86 2.89 -2.20	37.21 3.07 -2.19	37.19 3.10 0.00	39.01 3.09 0.00	39.33 3.08 0.00	41.55 3.25 0.00	43.33 3.61 0.00	62.45 4.19 -15.09	59.68 4.99 -5.29	64.19 5.78 0.00	76.95 4.99 -20.50	59.73 4.18 -8.54	45.23 3.19 0.00	41.58 2.68 0.00	37.37 2.48 0.00	34.10 2.64 0.00
GOWANUS_GT4_6 24135	32.65 2.15 -3.57	30.22 1.87 -4.72	27.53 1.75 -3.32	25.49 1.58 -3.09	25.42 1.60 -2.80	26.23 1.92 0.00	28.34 2.24 0.00	31.33 2.53 0.00	35.86 2.89 -2.20	37.21 3.07 -2.19	37.19 3.10 0.00	39.01 3.09 0.00	39.33 3.08 0.00	41.55 3.25 0.00	43.33 3.61 0.00	62.45 4.19 -15.09	59.68 4.99 -5.29	64.19 5.78 0.00	76.95 4.99 -20.50	59.73 4.18 -8.54	45.23 3.19 0.00	41.58 2.68 0.00	37.37 2.48 0.00	34.10 2.64 0.00
GOWANUS_GT4_7 24136	32.65 2.15 -3.57	30.22 1.87 -4.72	27.53 1.75 -3.32	25.49 1.58 -3.09	25.42 1.60 -2.80	26.23 1.92 0.00	28.34 2.24 0.00	31.33 2.53 0.00	35.86 2.89 -2.20	37.21 3.07 -2.19	37.19 3.10 0.00	39.01 3.09 0.00	39.33 3.08 0.00	41.55 3.25 0.00	43.33 3.61 0.00	62.45 4.19 -15.09	59.68 4.99 -5.29	64.19 5.78 0.00	76.95 4.99 -20.50	59.73 4.18 -8.54	45.23 3.19 0.00	41.58 2.68 0.00	37.37 2.48 0.00	34.10 2.64 0.00
GOWANUS_GT4_8 24137	32.65 2.15 -3.57	30.22 1.87 -4.72	27.53 1.75 -3.32	25.49 1.58 -3.09	25.42 1.60 -2.80	26.23 1.92 0.00	28.34 2.24 0.00	31.33 2.53 0.00	35.86 2.89 -2.20	37.21 3.07 -2.19	37.19 3.10 0.00	39.01 3.09 0.00	39.33 3.08 0.00	41.55 3.25 0.00	43.33 3.61 0.00	62.45 4.19 -15.09	59.68 4.99 -5.29	64.19 5.78 0.00	76.95 4.99 -20.50	59.73 4.18 -8.54	45.23 3.19 0.00	41.58 2.68 0.00	37.37 2.48 0.00	34.10 2.64 0.00
GREENBSH_115KV_TB3 55895	28.90 0.57 -1.40	26.01 0.52 -1.85	24.28 0.52 -1.30	22.50 0.48 -1.21	22.63 0.50 -1.10	24.87 0.56 0.00	26.67 0.57 0.00	29.40 0.60 0.00	31.45 0.68 0.00	32.69 0.73 0.00	34.77 0.68 0.00	36.64 0.72 0.00	36.98 0.73 0.00	39.02 0.73 0.00	40.47 0.75 0.00	44.13 0.95 0.00	50.69 1.28 0.00	59.98 1.58 0.00	52.91 1.44 0.00	48.27 1.27 0.00	43.13 1.09 0.00	39.79 0.89 0.00	35.52 0.63 0.00	32.03 0.57 0.00
GREENDGE_115KV_TB5 80291	27.42 0.48 0.00	24.04 0.40 0.00	22.67 0.20 0.00	20.98 0.17 0.00	21.22 0.19 0.00	24.33 0.02 0.00	25.89 -0.21 0.00	28.88 0.09 0.00	30.31 -0.46 0.00	31.76 -0.19 0.00	34.36 0.27 0.00	36.17 0.25 0.00	36.62 0.36 0.00	39.21 0.92 0.00	40.58 0.87 0.00	43.44 0.26 0.00	49.85 0.44 0.00	58.93 0.53 0.00	52.08 0.62 0.00	47.76 0.75 0.00	42.79 0.76 0.00	39.83 0.93 0.00	35.69 0.80 0.00	31.74 0.28 0.00
GREENIDGE___3 23582	27.42 0.48 0.00	24.04 0.40 0.00	22.67 0.20 0.00	20.98 0.17 0.00	21.22 0.19 0.00	24.33 0.02 0.00	25.89 -0.21 0.00	28.88 0.09 0.00	30.31 -0.46 0.00	31.76 -0.19 0.00	34.36 0.27 0.00	36.17 0.25 0.00	36.62 0.36 0.00	39.21 0.92 0.00	40.58 0.87 0.00	43.44 0.26 0.00	49.85 0.44 0.00	58.93 0.53 0.00	52.08 0.62 0.00	47.76 0.75 0.00	42.79 0.76 0.00	39.83 0.93 0.00	35.69 0.80 0.00	31.74 0.28 0.00
GREENIDGE___4 23583	27.42 0.49 0.00	23.85 0.21 0.00	22.62 0.16 0.00	20.84 0.02 0.00	21.09 0.06 0.00	24.43 0.12 0.00	25.91 -0.18 0.00	28.85 0.06 0.00	30.31 -0.46 0.00	31.85 -0.10 0.00	34.53 0.44 0.00	36.43 0.50 0.00	36.83 0.58 0.00	39.36 1.07 0.00	40.70 0.99 0.00	43.61 0.43 0.00	50.05 0.64 0.00	59.11 0.70 0.00	52.29 0.82 0.00	47.94 0.94 0.00	43.17 1.14 0.00	40.02 1.13 0.00	35.97 1.08 0.00	31.84 0.38 0.00
GREENLWN_69_KV_BK 3 55738	36.17 1.86 -7.39	33.34 1.65 -8.05	30.86 1.55 -6.85	28.53 1.42 -6.30	25.24 1.41 -2.80	29.47 1.75 -3.41	28.08 1.98 0.00	34.20 2.25 -3.16	35.66 2.55 -2.34	36.10 2.68 -1.47	36.20 2.11 0.00	38.22 2.30 0.00	38.75 2.50 0.00	40.97 2.68 0.00	42.85 3.14 0.00	46.85 3.67 0.00	54.14 4.74 0.00	64.18 5.78 0.00	56.20 4.73 0.00	50.53 3.53 0.00	44.89 2.86 0.00	39.93 2.49 1.45	36.59 1.71 0.01	33.48 2.01 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	32.65 2.15 -3.57	30.22 1.87 -4.72	27.53 1.75 -3.32	25.49 1.58 -3.09	25.42 1.60 -2.80	26.23 1.92 0.00	28.34 2.24 0.00	31.33 2.53 0.00	35.86 2.89 -2.20	37.21 3.07 -2.19	37.19 3.10 0.00	39.01 3.09 0.00	39.33 3.08 0.00	41.55 3.25 0.00	43.33 3.61 0.00	62.45 4.19 -15.09	59.68 4.99 -5.29	64.19 5.78 0.00	76.95 4.99 -20.50	59.73 4.18 -8.54	45.23 3.19 0.00	41.58 2.68 0.00	37.37 2.48 0.00	34.10 2.64 0.00
GRISSOM___SOLAR 323813	31.77 3.96 -0.88	28.27 3.48 -1.16	26.36 3.08 -0.82	24.38 2.81 -0.76	24.64 2.92 -0.69	27.78 3.48 0.00	29.96 3.86 0.00	32.97 4.17 0.00	35.36 4.59 0.00	36.55 4.60 0.00	39.30 5.22 0.00	41.35 5.42 0.00	41.69 5.44 0.00	43.92 5.63 0.00	45.39 5.68 0.00	49.14 5.96 0.00	56.52 7.12 0.00	68.16 9.75 0.00	60.68 9.21 0.00	55.61 8.60 0.00	50.19 8.16 0.00	46.16 7.27 0.00	40.68 5.79 0.00	36.21 4.75 0.00
GROVEVILLE___HYD 323602	32.14 1.78 -3.43	29.67 1.49 -4.54	27.12 1.46 -3.19	25.11 1.33 -2.96	25.07 1.35 -2.69	25.94 1.63 0.00	27.95 1.85 0.00	30.72 1.93 0.00	33.05 2.28 0.00	34.25 2.30 0.00	36.41 2.32 0.00	38.37 2.44 0.00	38.72 2.47 0.00	40.93 2.64 0.00	42.57 2.86 0.00	46.63 3.45 0.00	53.65 4.25 0.00	63.43 5.02 0.00	55.79 4.32 0.00	50.67 3.67 0.00	45.10 3.07 0.00	41.46 2.57 0.00	37.12 2.23 0.00	33.60 2.14 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	26.66 -0.27 0.00	23.40 -0.24 0.00	22.19 -0.27 0.00	20.55 -0.27 0.00	20.78 -0.25 0.00	23.89 -0.41 0.00	25.55 -0.55 0.00	28.36 -0.43 0.00	30.12 -0.65 0.00	31.44 -0.51 0.00	33.75 -0.34 0.00	35.60 -0.32 0.00	35.96 -0.29 0.00	38.25 -0.04 0.00	39.67 -0.04 0.00	42.79 -0.39 0.00	48.89 -0.35 0.17	58.00 -0.41 0.00	51.11 -0.36 0.00	46.77 -0.24 0.00	41.87 -0.17 0.00	38.81 -0.08 0.00	34.79 -0.10 0.00	31.15 -0.31 0.00

HAMLTNNY_34_KV_TB 80303	26.77 -0.16 0.00	23.50 -0.14 0.00	22.28 -0.18 0.00	20.63 -0.19 0.00	20.84 -0.19 0.00	23.97 -0.34 0.00	25.60 -0.50 0.00	28.45 -0.35 0.00	30.19 -0.58 0.00	31.54 -0.42 0.00	33.85 -0.24 0.00	35.71 -0.22 0.00	36.07 -0.18 0.00	38.41 0.11 0.00	39.83 0.12 0.00	42.92 -0.26 0.00	49.06 -0.20 0.15	58.17 -0.23 0.00	51.26 -0.21 0.00	46.96 -0.05 0.00	42.03 0.00 0.00	38.97 0.08 0.00	34.93 0.03 0.00	31.24 -0.22 0.00
HAMPSHIRE___PAPER_HYD 323593	25.91 -1.02 0.00	22.76 -0.87 0.00	21.63 -0.83 0.00	20.07 -0.75 0.00	20.27 -0.76 0.00	23.46 -0.85 0.00	25.34 -0.76 0.00	27.93 -0.86 0.00	29.69 -1.08 0.00	30.67 -1.28 0.00	32.69 -1.40 0.00	34.42 -1.51 0.00	34.66 -1.59 0.00	36.65 -1.65 0.00	37.93 -1.79 0.00	41.28 -1.90 0.00	41.89 -2.62 4.90	55.60 -2.80 0.00	48.94 -2.52 0.00	45.12 -1.88 0.00	40.60 -1.43 0.00	37.41 -1.48 0.00	33.77 -1.12 0.00	30.42 -1.04 0.00
HARDSCRABBLE_WT_PWR 323673	27.12 0.19 0.00	23.78 0.14 0.00	22.60 0.14 0.00	20.94 0.13 0.00	21.18 0.15 0.00	24.43 0.12 0.00	26.25 0.16 0.00	28.94 0.14 0.00	30.96 0.19 0.00	32.20 0.25 0.00	34.43 0.34 0.00	36.25 0.32 0.00	36.61 0.36 0.00	38.75 0.46 0.00	40.15 0.44 0.00	43.74 0.56 0.00	49.92 0.64 0.13	59.28 0.88 0.00	52.19 0.72 0.00	47.71 0.71 0.00	42.62 0.59 0.00	39.48 0.58 0.00	35.20 0.31 0.00	31.68 0.22 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	32.79 1.51 -4.36	30.67 1.28 -5.76	27.75 1.24 -4.05	25.72 1.14 -3.76	25.60 1.16 -3.41	25.77 1.46 0.00	27.77 1.67 0.00	30.52 1.73 0.00	32.77 2.00 0.00	34.03 2.08 0.00	36.20 2.11 0.00	38.15 2.23 0.00	38.54 2.28 0.00	40.71 2.41 0.00	42.33 2.62 0.00	46.37 3.19 0.00	53.26 3.85 0.00	62.96 4.56 0.00	55.38 3.91 0.00	50.25 3.24 0.00	44.72 2.69 0.00	41.19 2.29 0.00	36.88 1.99 0.00	33.35 1.89 0.00
HARSNRAD_115KV_TB1 81005	26.93 0.00 0.00	23.66 0.02 0.00	22.22 -0.25 0.00	20.61 -0.21 0.00	20.80 -0.23 0.00	23.46 -0.85 0.00	24.46 -1.64 0.00	27.39 -1.41 0.00	28.80 -1.97 0.00	30.13 -1.82 0.00	33.21 -0.89 0.00	34.67 -1.26 0.00	35.28 -0.98 0.00	37.99 -0.31 0.00	39.36 -0.36 0.00	41.45 -1.73 -0.01	47.43 -1.98 0.00	55.49 -2.92 -0.01	49.15 -2.32 0.00	45.22 -1.79 0.00	40.57 -1.47 0.00	38.31 -0.58 0.00	34.48 -0.42 0.00	30.71 -0.76 0.00
HARZA MOOSE___RIVER 24016	27.09 0.16 0.00	23.78 0.14 0.00	22.58 0.11 0.00	20.94 0.12 0.00	21.14 0.11 0.00	24.38 0.07 0.00	26.30 0.21 0.00	29.05 0.26 0.00	30.89 0.12 0.00	32.11 0.16 0.00	34.26 0.17 0.00	36.07 0.14 0.00	36.40 0.15 0.00	38.64 0.34 0.00	40.07 0.36 0.00	43.61 0.43 0.00	48.46 0.44 1.39	59.28 0.88 0.00	52.19 0.72 0.00	47.99 0.99 0.00	43.04 1.01 0.00	39.83 0.93 0.00	35.41 0.52 0.00	31.78 0.31 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	26.50 -0.43 0.00	23.26 -0.38 0.00	22.06 -0.40 0.00	20.44 -0.37 0.00	20.65 -0.38 0.00	23.72 -0.58 0.00	25.37 -0.73 0.00	28.16 -0.63 0.00	29.94 -0.83 0.00	31.25 -0.70 0.00	33.58 -0.51 0.00	35.42 -0.50 0.00	35.71 -0.54 0.00	37.99 -0.31 0.00	39.35 -0.36 0.00	42.48 -0.69 0.00	48.54 -0.69 0.17	57.53 -0.88 0.00	50.69 -0.77 0.00	46.39 -0.61 0.00	41.49 -0.55 0.00	38.50 -0.39 0.00	34.51 -0.38 0.00	30.90 -0.57 0.00
HELLGATE_13_KV_LD 55870	32.57 2.07 -3.57	30.13 1.77 -4.72	27.44 1.66 -3.32	25.40 1.50 -3.08	25.32 1.49 -2.80	26.13 1.82 0.00	28.26 2.17 0.00	31.21 2.42 0.00	35.74 2.77 -2.20	35.20 2.94 -0.31	37.05 2.97 0.00	38.87 2.95 0.00	39.15 2.90 0.00	41.32 3.03 0.00	43.05 3.34 0.00	48.73 3.80 -1.75	53.94 4.55 0.01	63.78 5.37 0.00	53.51 4.58 2.54	49.86 3.81 0.96	44.89 2.86 0.00	41.30 2.41 0.00	37.19 2.30 0.00	33.92 2.45 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	32.57 2.07 -3.57	30.13 1.77 -4.72	27.44 1.66 -3.32	25.40 1.50 -3.08	25.32 1.49 -2.80	26.13 1.82 0.00	28.26 2.17 0.00	31.21 2.42 0.00	35.74 2.77 -2.20	35.20 2.94 -0.31	37.05 2.97 0.00	38.87 2.95 0.00	39.15 2.90 0.00	41.32 3.03 0.00	43.05 3.34 0.00	48.73 3.80 -1.75	53.94 4.55 0.01	63.78 5.37 0.00	53.51 4.58 2.54	49.86 3.81 0.96	44.89 2.86 0.00	41.30 2.41 0.00	37.19 2.30 0.00	33.92 2.45 0.00
HEMPSTEAD____ 23647	36.52 2.21 -7.39	33.53 1.84 -8.05	31.06 1.75 -6.85	28.72 1.60 -6.30	25.43 1.60 -2.80	29.59 1.87 -3.41	28.21 2.11 0.00	34.46 2.50 -3.16	36.00 2.89 -2.34	36.42 3.00 -1.47	36.65 2.56 0.00	38.62 2.70 0.00	39.08 2.83 0.00	41.39 3.10 0.00	43.21 3.50 0.00	47.23 4.06 0.00	54.49 5.09 0.00	64.59 6.19 0.00	56.61 5.15 0.00	50.90 3.90 0.00	45.10 3.07 0.00	42.00 3.11 0.00	36.98 2.09 0.00	33.79 2.33 0.00
HEWLETT_69_KV_BK3 55828	36.85 2.53 -7.39	33.83 2.15 -8.05	31.33 2.02 -6.85	28.97 1.85 -6.30	25.68 1.85 -2.80	29.98 2.26 -3.41	28.57 2.48 0.00	34.75 2.79 -3.16	36.28 3.17 -2.34	36.77 3.35 -1.47	37.12 3.03 0.00	39.19 3.27 0.00	39.66 3.41 0.00	41.93 3.64 0.00	43.80 4.09 0.00	47.71 4.53 0.00	55.04 5.63 0.00	65.24 6.83 0.00	57.18 5.71 0.00	51.52 4.51 0.00	45.77 3.74 0.00	42.39 3.50 0.00	37.68 2.79 0.00	34.36 2.89 0.00
HICKLING___1 23621	27.58 0.65 0.00	24.18 0.54 0.00	22.78 0.31 0.00	21.09 0.27 0.00	21.32 0.29 0.00	24.48 0.17 0.00	26.04 -0.05 0.00	28.91 0.12 0.00	30.52 -0.25 0.00	32.01 0.06 0.00	34.84 0.75 0.00	36.61 0.68 0.00	37.12 0.87 0.00	39.67 1.38 0.00	41.06 1.35 0.00	44.00 0.82 0.00	50.44 1.04 0.00	59.46 1.05 0.00	52.50 1.03 0.00	48.13 1.13 0.00	43.08 1.05 0.00	40.14 1.24 0.00	36.08 1.19 0.00	32.12 0.66 0.00
HICKLING___2 23622	27.58 0.65 0.00	24.18 0.54 0.00	22.78 0.31 0.00	21.09 0.27 0.00	21.32 0.29 0.00	24.48 0.17 0.00	26.04 -0.05 0.00	28.91 0.12 0.00	30.52 -0.25 0.00	32.01 0.06 0.00	34.84 0.75 0.00	36.61 0.68 0.00	37.12 0.87 0.00	39.67 1.38 0.00	41.06 1.35 0.00	44.00 0.82 0.00	50.44 1.04 0.00	59.46 1.05 0.00	52.50 1.03 0.00	48.13 1.13 0.00	43.08 1.05 0.00	40.14 1.24 0.00	36.08 1.19 0.00	32.12 0.66 0.00
HIGH FALLS___HY 23754	30.73 1.54 -2.26	27.88 1.25 -2.99	25.83 1.26 -2.10	23.92 1.14 -1.95	23.94 1.14 -1.77	25.74 1.43 0.00	27.77 1.67 0.00	30.49 1.70 0.00	32.80 2.03 0.00	33.96 2.01 0.00	36.13 2.05 0.00	38.08 2.16 0.00	38.43 2.18 0.00	40.63 2.34 0.00	42.33 2.62 0.00	46.41 3.24 0.00	53.36 3.95 0.00	63.08 4.67 0.00	55.43 3.96 0.00	50.34 3.34 0.00	44.77 2.73 0.00	41.19 2.29 0.00	36.88 1.99 0.00	33.41 1.95 0.00
HIGH_RIVER___SOLAR 323847	29.36 1.29 -1.13	26.27 1.13 -1.50	24.55 1.03 -1.05	22.75 0.96 -0.98	22.89 0.97 -0.89	25.43 1.12 0.00	27.32 1.23 0.00	30.09 1.30 0.00	32.19 1.42 0.00	33.39 1.44 0.00	35.59 1.50 0.00	37.50 1.58 0.00	37.85 1.59 0.00	39.98 1.68 0.00	41.46 1.75 0.00	45.12 1.94 0.00	51.82 2.42 0.00	61.50 3.09 0.00	54.40 2.93 0.00	49.78 2.77 0.00	44.60 2.56 0.00	41.23 2.33 0.00	36.67 1.78 0.00	32.97 1.51 0.00

HILLBURN___GT 23639	33.44 1.56 -4.95	31.47 1.30 -6.54	28.29 1.23 -4.60	26.23 1.14 -4.27	26.06 1.16 -3.87	25.64 1.34 0.00	27.63 1.54 0.00	30.55 1.76 0.00	32.83 2.06 0.00	34.06 2.11 0.00	36.20 2.11 0.00	38.15 2.23 0.00	38.61 2.36 0.00	40.78 2.49 0.00	42.37 2.66 0.00	46.37 3.19 0.00	53.26 3.86 0.00	62.97 4.56 0.00	55.27 3.81 0.00	50.11 3.10 0.00	44.56 2.52 0.00	41.26 2.37 0.00	36.74 1.85 0.00	33.29 1.82 0.00
HILLSIDE_115KV_TB1 80332	27.09 0.16 0.00	23.76 0.12 0.00	22.40 -0.07 0.00	20.78 -0.04 0.00	21.01 -0.02 0.00	24.11 -0.19 0.00	25.68 -0.42 0.00	28.45 -0.35 0.00	30.06 -0.71 0.00	31.54 -0.42 0.00	34.26 0.17 0.00	35.99 0.07 0.00	36.51 0.25 0.00	38.98 0.69 0.00	40.39 0.68 0.00	43.35 0.17 0.00	49.65 0.25 0.00	58.52 0.12 0.00	51.67 0.21 0.00	47.33 0.33 0.00	42.41 0.38 0.00	39.44 0.54 0.00	35.45 0.56 0.00	31.59 0.13 0.00
HISHELDN_WT_PWR 323625	27.26 0.32 0.00	23.47 -0.16 0.00	22.31 -0.16 0.00	20.53 -0.29 0.00	20.78 -0.25 0.00	23.94 -0.36 0.00	25.05 -1.04 0.00	27.96 -0.84 0.00	29.51 -1.26 0.00	31.28 -0.67 0.00	34.50 0.41 0.00	36.18 0.25 0.00	36.69 0.44 0.00	39.29 0.99 0.00	40.66 0.95 0.00	43.14 -0.04 -0.01	49.36 -0.05 0.00	57.83 -0.58 -0.01	51.31 -0.15 0.00	47.05 0.05 0.00	42.62 0.59 0.00	39.63 0.74 0.00	35.91 1.01 0.00	31.71 0.25 0.00
HOLTSVILLE_IC_1 23690	36.63 2.32 -7.39	33.62 1.94 -8.05	31.15 1.84 -6.85	28.83 1.71 -6.30	25.58 1.74 -2.80	29.71 1.99 -3.41	28.31 2.22 0.00	34.58 2.62 -3.16	36.09 2.98 -2.34	36.55 3.13 -1.47	36.24 2.15 0.00	38.08 2.16 0.00	38.79 2.54 0.00	41.13 2.83 0.00	43.01 3.29 0.00	47.06 3.89 0.00	54.50 5.09 -0.01	64.67 6.25 -0.01	56.62 5.15 -0.01	50.81 3.81 0.00	44.97 2.94 0.00	44.82 3.15 -2.78	36.56 1.67 0.01	33.60 2.14 0.00
HOLTSVILLE_IC_10 23699	36.79 2.48 -7.39	33.76 2.08 -8.05	31.27 1.95 -6.85	28.93 1.81 -6.30	25.68 1.85 -2.80	29.83 2.11 -3.41	28.45 2.35 0.00	34.75 2.79 -3.16	36.28 3.17 -2.34	36.77 3.35 -1.47	36.51 2.42 0.00	38.40 2.48 0.00	39.15 2.90 0.00	41.52 3.22 -0.01	43.44 3.73 0.00	47.49 4.32 0.00	55.00 5.58 -0.01	65.31 6.89 -0.01	57.19 5.71 -0.01	51.24 4.23 0.00	45.35 3.32 0.00	46.46 3.54 -4.03	36.84 1.95 0.01	33.82 2.36 0.00
HOLTSVILLE_IC_2 23691	36.63 2.32 -7.39	33.62 1.94 -8.05	31.15 1.84 -6.85	28.83 1.71 -6.30	25.58 1.74 -2.80	29.71 1.99 -3.41	28.31 2.22 0.00	34.58 2.62 -3.16	36.09 2.98 -2.34	36.55 3.13 -1.47	36.24 2.15 0.00	38.08 2.16 0.00	38.79 2.54 0.00	41.13 2.83 0.00	43.01 3.29 0.00	47.06 3.89 0.00	54.50 5.09 -0.01	64.67 6.25 -0.01	56.62 5.15 -0.01	50.81 3.81 0.00	44.97 2.94 0.00	44.82 3.15 -2.78	36.56 1.67 0.01	33.60 2.14 0.00
HOLTSVILLE_IC_3 23692	36.63 2.32 -7.39	33.62 1.94 -8.05	31.15 1.84 -6.85	28.83 1.71 -6.30	25.58 1.74 -2.80	29.71 1.99 -3.41	28.31 2.22 0.00	34.58 2.62 -3.16	36.09 2.98 -2.34	36.55 3.13 -1.47	36.24 2.15 0.00	38.08 2.16 0.00	38.79 2.54 0.00	41.13 2.83 0.00	43.01 3.29 0.00	47.06 3.89 0.00	54.50 5.09 -0.01	64.67 6.25 -0.01	56.62 5.15 -0.01	50.81 3.81 0.00	44.97 2.94 0.00	44.82 3.15 -2.78	36.56 1.67 0.01	33.60 2.14 0.00
HOLTSVILLE_IC_4 23693	36.63 2.32 -7.39	33.62 1.94 -8.05	31.15 1.84 -6.85	28.83 1.71 -6.30	25.58 1.74 -2.80	29.71 1.99 -3.41	28.31 2.22 0.00	34.58 2.62 -3.16	36.09 2.98 -2.34	36.55 3.13 -1.47	36.24 2.15 0.00	38.08 2.16 0.00	38.79 2.54 0.00	41.13 2.83 0.00	43.01 3.29 0.00	47.06 3.89 0.00	54.50 5.09 -0.01	64.67 6.25 -0.01	56.62 5.15 -0.01	50.81 3.81 0.00	44.97 2.94 0.00	44.82 3.15 -2.78	36.56 1.67 0.01	33.60 2.14 0.00
HOLTSVILLE_IC_5 23694	36.63 2.32 -7.39	33.62 1.94 -8.05	31.15 1.84 -6.85	28.83 1.71 -6.30	25.58 1.74 -2.80	29.71 1.99 -3.41	28.31 2.22 0.00	34.58 2.62 -3.16	36.09 2.98 -2.34	36.55 3.13 -1.47	36.24 2.15 0.00	38.08 2.16 0.00	38.79 2.54 0.00	41.13 2.83 0.00	43.01 3.29 0.00	47.06 3.89 0.00	54.50 5.09 -0.01	64.67 6.25 -0.01	56.62 5.15 -0.01	50.81 3.81 0.00	44.97 2.94 0.00	44.82 3.15 -2.78	36.56 1.67 0.01	33.60 2.14 0.00
HOLTSVILLE_IC_6 23695	36.79 2.48 -7.39	33.76 2.08 -8.05	31.27 1.95 -6.85	28.93 1.81 -6.30	25.68 1.85 -2.80	29.83 2.11 -3.41	28.45 2.35 0.00	34.75 2.79 -3.16	36.28 3.17 -2.34	36.77 3.35 -1.47	36.51 2.42 0.00	38.40 2.48 0.00	39.15 2.90 0.00	41.52 3.22 -0.01	43.44 3.73 0.00	47.49 4.32 0.00	55.00 5.58 -0.01	65.31 6.89 -0.01	57.19 5.71 -0.01	51.24 4.23 0.00	45.35 3.32 0.00	46.46 3.54 -4.03	36.84 1.95 0.01	33.82 2.36 0.00
HOLTSVILLE_IC_7 23696	36.79 2.48 -7.39	33.76 2.08 -8.05	31.27 1.95 -6.85	28.93 1.81 -6.30	25.68 1.85 -2.80	29.83 2.11 -3.41	28.45 2.35 0.00	34.75 2.79 -3.16	36.28 3.17 -2.34	36.77 3.35 -1.47	36.51 2.42 0.00	38.40 2.48 0.00	39.15 2.90 0.00	41.52 3.22 -0.01	43.44 3.73 0.00	47.49 4.32 0.00	55.00 5.58 -0.01	65.31 6.89 -0.01	57.19 5.71 -0.01	51.24 4.23 0.00	45.35 3.32 0.00	46.46 3.54 -4.03	36.84 1.95 0.01	33.82 2.36 0.00
HOLTSVILLE_IC_8 23697	36.79 2.48 -7.39	33.76 2.08 -8.05	31.27 1.95 -6.85	28.93 1.81 -6.30	25.68 1.85 -2.80	29.83 2.11 -3.41	28.45 2.35 0.00	34.75 2.79 -3.16	36.28 3.17 -2.34	36.77 3.35 -1.47	36.51 2.42 0.00	38.40 2.48 0.00	39.15 2.90 0.00	41.52 3.22 -0.01	43.44 3.73 0.00	47.49 4.32 0.00	55.00 5.58 -0.01	65.31 6.89 -0.01	57.19 5.71 -0.01	51.24 4.23 0.00	45.35 3.32 0.00	46.46 3.54 -4.03	36.84 1.95 0.01	33.82 2.36 0.00
HOLTSVILLE_IC_9 23698	36.79 2.48 -7.39	33.76 2.08 -8.05	31.27 1.95 -6.85	28.93 1.81 -6.30	25.68 1.85 -2.80	29.83 2.11 -3.41	28.45 2.35 0.00	34.75 2.79 -3.16	36.28 3.17 -2.34	36.77 3.35 -1.47	36.51 2.42 0.00	38.40 2.48 0.00	39.15 2.90 0.00	41.52 3.22 -0.01	43.44 3.73 0.00	47.49 4.32 0.00	55.00 5.58 -0.01	65.31 6.89 -0.01	57.19 5.71 -0.01	51.24 4.23 0.00	45.35 3.32 0.00	46.46 3.54 -4.03	36.84 1.95 0.01	33.82 2.36 0.00
HOMER_HL_115KV_TB2 355744	27.17 0.24 0.00	23.80 0.17 0.00	22.35 -0.11 0.00	20.75 -0.06 0.00	20.99 -0.04 0.00	23.94 -0.36 0.00	25.37 -0.73 0.00	28.05 -0.75 0.00	29.54 -1.23 0.00	31.09 -0.86 0.00	34.26 0.17 0.00	35.82 -0.11 0.00	36.47 0.22 0.00	38.75 0.46 0.00	40.11 0.40 0.00	42.71 -0.47 -0.01	48.91 -0.49 0.00	57.24 -1.17 -0.01	50.80 -0.67 0.00	46.54 -0.47 0.00	41.78 -0.25 0.00	39.05 0.16 0.00	35.59 0.70 0.00	31.62 0.16 0.00
HOWARD_WT_PWR 323690	28.01 1.08 0.00	24.20 0.57 0.00	22.96 0.49 0.00	21.13 0.31 0.00	21.41 0.38 0.00	24.77 0.46 0.00	26.20 0.10 0.00	29.20 0.40 0.00	30.77 0.00 0.00	32.46 0.51 0.00	35.45 1.36 0.00	37.36 1.44 0.00	37.74 1.49 0.00	40.40 2.10 0.00	41.74 2.02 0.00	44.52 1.34 0.00	51.03 1.63 0.00	60.10 1.69 0.00	53.27 1.80 0.00	48.89 1.88 0.00	44.18 2.14 0.00	40.99 2.10 0.00	36.95 2.06 0.00	32.72 1.26 0.00

HQ_GEN_CEDARS 23644	26.34 -0.59 0.00	23.14 -0.50 0.00	22.04 -0.43 0.00	20.40 -0.42 0.00	20.61 -0.42 0.00	23.87 -0.44 0.00	25.73 -0.37 0.00	28.33 -0.46 0.00	30.25 -0.52 0.00	31.18 -0.77 0.00	33.27 -0.82 0.00	35.02 -0.90 0.00	35.35 -0.91 0.00	37.22 -1.07 0.00	38.36 -1.35 0.00	41.62 -1.55 0.00	37.03 -2.62 9.75	55.25 -3.15 0.00	48.68 -2.78 0.01	44.61 -2.40 0.00	40.18 -1.85 0.00	37.80 -1.09 0.00	34.09 -0.80 0.00	30.86 -0.60 0.00
HQ_GEN_CEDARS_PROXY 323590	26.31 -0.62 0.00	23.17 -0.47 0.00	22.01 -0.45 0.00	20.40 -0.42 0.00	20.61 -0.42 0.00	23.84 -0.46 0.00	25.73 -0.37 0.00	28.33 -0.46 0.00	29.93 -0.52 0.32	31.50 -0.77 -0.32	33.27 -0.82 0.00	35.03 -0.90 0.00	35.28 -0.98 0.00	37.03 -1.26 0.00	38.36 -1.35 0.00	41.62 -1.55 0.00	37.03 -2.62 9.75	55.25 -3.15 0.00	48.58 -2.88 0.01	44.61 -2.40 0.00	40.14 -1.89 0.00	36.99 -1.90 0.00	34.05 -0.84 0.00	30.86 -0.60 0.00
HQ_GEN_IMPORT 323601	26.45 -0.48 0.00	23.24 -0.40 0.00	22.08 -0.38 0.00	20.46 -0.35 0.00	20.67 -0.36 0.00	23.92 -0.39 0.00	25.73 -0.37 0.00	28.33 -0.46 0.00	29.96 -0.49 0.32	31.66 -0.61 -0.32	33.41 -0.68 0.00	35.20 -0.72 0.00	35.45 -0.80 0.00	35.48 -0.92 1.89	35.48 -0.99 3.24	35.48 -1.08 6.62	35.48 -1.43 12.49	35.48 -1.70 21.23	35.48 -1.49 14.49	35.48 -1.32 10.21	35.48 -1.09 5.46	35.48 -1.09 2.32	34.19 -0.70 0.00	30.93 -0.54 0.00
HQ_GEN_WHEEL 23651	26.45 -0.48 0.00	23.24 -0.40 0.00	22.08 -0.38 0.00	20.46 -0.35 0.00	20.67 -0.36 0.00	23.92 -0.39 0.00	25.73 -0.37 0.00	28.33 -0.46 0.00	29.96 -0.49 0.32	31.66 -0.61 -0.32	33.41 -0.68 0.00	35.20 -0.72 0.00	35.45 -0.80 0.00	35.48 -0.92 1.89	35.48 -0.99 3.24	35.48 -1.08 6.62	35.48 -1.43 12.49	35.48 -1.70 21.23	35.48 -1.49 14.49	35.48 -1.32 10.21	35.48 -1.09 5.46	35.48 -1.09 2.32	34.19 -0.70 0.00	30.93 -0.54 0.00
HUDSON AVE_GT_3 23810	32.47 1.97 -3.57	30.03 1.68 -4.72	27.35 1.57 -3.32	25.31 1.42 -3.08	25.23 1.41 -2.80	26.08 1.77 0.00	28.18 2.09 0.00	31.15 2.36 0.00	33.51 2.74 0.00	34.86 2.91 0.00	37.05 2.97 0.00	39.01 3.09 0.00	39.33 3.08 0.00	41.55 3.25 0.00	43.25 3.53 0.00	47.36 4.19 0.00	54.44 5.04 0.00	64.31 5.90 0.00	56.41 4.94 0.00	51.14 4.14 0.00	45.27 3.24 0.00	41.65 2.76 0.00	37.37 2.48 0.00	33.82 2.36 0.00
HUDSON AVE_GT_4 23540	32.47 1.97 -3.57	30.03 1.68 -4.72	27.35 1.57 -3.32	25.31 1.42 -3.08	25.23 1.41 -2.80	26.08 1.77 0.00	28.18 2.09 0.00	31.15 2.36 0.00	33.51 2.74 0.00	34.86 2.91 0.00	37.05 2.97 0.00	39.01 3.09 0.00	39.33 3.08 0.00	41.55 3.25 0.00	43.25 3.53 0.00	47.36 4.19 0.00	54.44 5.04 0.00	64.31 5.90 0.00	56.41 4.94 0.00	51.14 4.14 0.00	45.27 3.24 0.00	41.65 2.76 0.00	37.37 2.48 0.00	33.82 2.36 0.00
HUDSON AVE_GT_5 23657	32.47 1.97 -3.57	30.03 1.68 -4.72	27.35 1.57 -3.32	25.31 1.42 -3.08	25.23 1.41 -2.80	26.08 1.77 0.00	28.18 2.09 0.00	31.15 2.36 0.00	33.51 2.74 0.00	34.86 2.91 0.00	37.05 2.97 0.00	39.01 3.09 0.00	39.33 3.08 0.00	41.55 3.25 0.00	43.25 3.53 0.00	47.36 4.19 0.00	54.44 5.04 0.00	64.31 5.90 0.00	56.41 4.94 0.00	51.14 4.14 0.00	45.27 3.24 0.00	41.65 2.76 0.00	37.37 2.48 0.00	33.82 2.36 0.00
HUDSON_AVE_10 24168	32.38 1.89 -3.57	29.96 1.61 -4.72	27.28 1.51 -3.32	25.23 1.33 -3.08	25.17 1.35 -2.80	26.01 1.70 0.00	28.13 2.04 0.00	31.10 2.30 0.00	33.45 2.68 0.00	34.79 2.84 0.00	36.99 2.90 0.00	38.94 3.02 0.00	39.26 3.01 0.00	41.47 3.18 0.00	43.17 3.45 0.00	47.32 4.14 0.00	54.35 4.94 0.00	64.19 5.78 0.00	56.36 4.89 0.00	51.05 4.04 0.00	45.19 3.15 0.00	41.58 2.68 0.00	37.26 2.37 0.00	33.76 2.30 0.00
HUDSON___115KV_TB 4 355613	29.66 1.18 -1.55	26.72 1.04 -2.05	24.91 1.01 -1.44	23.09 0.94 -1.34	23.21 0.97 -1.21	25.38 1.07 0.00	27.22 1.12 0.00	29.86 1.07 0.00	31.85 1.08 0.00	32.94 0.99 0.00	35.01 0.92 0.00	36.93 1.01 0.00	37.23 0.98 0.00	39.29 1.00 0.00	40.74 1.03 0.00	44.51 1.34 0.00	51.18 1.78 0.00	60.86 2.45 0.00	53.83 2.37 0.00	49.21 2.21 0.00	44.09 2.06 0.00	40.64 1.75 0.00	36.25 1.36 0.00	32.66 1.20 0.00
HUNTER MOUNT___DRP 323613	29.95 1.29 -1.73	27.06 1.13 -2.28	25.19 1.12 -1.61	23.35 1.04 -1.49	23.48 1.09 -1.35	25.50 1.19 0.00	27.32 1.23 0.00	29.89 1.09 0.00	31.91 1.14 0.00	32.94 0.99 0.00	35.01 0.92 0.00	36.89 0.97 0.00	37.23 0.98 0.00	39.25 0.96 0.00	40.70 0.99 0.00	44.47 1.30 0.00	51.18 1.78 0.00	60.92 2.51 0.00	53.99 2.52 0.00	49.40 2.40 0.00	44.35 2.31 0.00	40.84 1.94 0.00	36.43 1.54 0.00	32.81 1.35 0.00
HUNTINGTON_RES_REC 323705	36.47 2.16 -7.39	33.50 1.82 -8.05	31.04 1.73 -6.85	28.70 1.58 -6.30	25.43 1.60 -2.80	29.57 1.85 -3.41	28.16 2.06 0.00	34.43 2.48 -3.16	35.97 2.86 -2.34	36.39 2.97 -1.47	36.30 2.21 0.00	38.22 2.30 0.00	38.94 2.68 0.00	41.24 2.95 0.00	43.16 3.45 0.00	47.19 4.02 0.00	54.63 5.19 -0.04	64.81 6.37 -0.04	56.76 5.25 -0.04	50.86 3.86 0.00	44.97 2.94 0.00	40.53 3.11 1.47	36.59 1.71 0.01	33.54 2.08 0.00
HUNTLEY___63 23557	27.01 0.08 0.00	23.73 0.09 0.00	22.26 -0.20 0.00	20.67 -0.15 0.00	20.84 -0.19 0.00	23.53 -0.78 0.00	24.60 -1.51 -0.02	27.51 -1.30 -0.02	29.00 -1.78 -0.02	30.50 -1.47 -0.02	33.66 -0.44 -0.02	35.15 -0.79 -0.02	35.80 -0.47 -0.02	38.62 0.31 -0.02	39.97 0.24 -0.02	42.16 -1.04 -0.02	48.24 -1.19 -0.02	56.44 -1.99 -0.02	49.94 -1.54 -0.02	45.85 -1.18 -0.02	41.04 -1.01 -0.02	38.71 -0.19 -0.02	34.87 -0.03 -0.02	31.02 -0.44 0.00
HUNTLEY___64 23558	27.01 0.08 0.00	23.73 0.09 0.00	22.26 -0.20 0.00	20.67 -0.15 0.00	20.84 -0.19 0.00	23.53 -0.78 0.00	24.60 -1.51 -0.02	27.51 -1.30 -0.02	29.00 -1.78 -0.02	30.50 -1.47 -0.02	33.66 -0.44 -0.02	35.15 -0.79 -0.02	35.80 -0.47 -0.02	38.62 0.31 -0.02	39.97 0.24 -0.02	42.16 -1.04 -0.02	48.24 -1.19 -0.02	56.44 -1.99 -0.02	49.94 -1.54 -0.02	45.85 -1.18 -0.02	41.04 -1.01 -0.02	38.71 -0.19 -0.02	34.87 -0.03 -0.02	31.02 -0.44 0.00
HUNTLEY___65 23559	27.01 0.08 0.00	23.73 0.09 0.00	22.26 -0.20 0.00	20.67 -0.15 0.00	20.84 -0.19 0.00	23.53 -0.78 0.00	24.60 -1.51 -0.02	27.51 -1.30 -0.02	29.00 -1.78 -0.02	30.50 -1.47 -0.02	33.66 -0.44 -0.02	35.15 -0.79 -0.02	35.80 -0.47 -0.02	38.62 0.31 -0.02	39.97 0.24 -0.02	42.16 -1.04 -0.02	48.24 -1.19 -0.02	56.44 -1.99 -0.02	49.94 -1.54 -0.02	45.85 -1.18 -0.02	41.04 -1.01 -0.02	38.71 -0.19 -0.02	34.87 -0.03 -0.02	31.02 -0.44 0.00
HUNTLEY___66 23560	27.01 0.08 0.00	23.73 0.09 0.00	22.26 -0.20 0.00	20.67 -0.15 0.00	20.84 -0.19 0.00	23.53 -0.78 0.00	24.60 -1.51 -0.02	27.51 -1.30 -0.02	29.00 -1.78 -0.02	30.50 -1.47 -0.02	33.66 -0.44 -0.02	35.15 -0.79 -0.02	35.80 -0.47 -0.02	38.62 0.31 -0.02	39.97 0.24 -0.02	42.16 -1.04 -0.02	48.24 -1.19 -0.02	56.44 -1.99 -0.02	49.94 -1.54 -0.02	45.85 -1.18 -0.02	41.04 -1.01 -0.02	38.71 -0.19 -0.02	34.87 -0.03 -0.02	31.02 -0.44 0.00

HUNTLEY___67 23561	27.09 0.16 0.00	23.80 0.17 0.00	22.35 -0.11 0.00	20.73 -0.08 0.00	20.93 -0.11 0.00	23.65 -0.66 0.00	24.77 -1.33 0.00	27.64 -1.15 0.00	29.11 -1.66 0.00	30.67 -1.28 0.00	33.82 -0.27 0.00	35.31 -0.61 0.00	35.96 -0.29 0.00	38.72 0.42 0.00	40.07 0.36 0.00	42.32 -0.86 -0.01	48.42 -0.99 0.00	56.66 -1.75 -0.01	50.18 -1.29 0.00	46.11 -0.89 0.00	41.28 -0.76 0.00	38.93 0.04 0.00	35.07 0.17 0.00	31.21 -0.25 0.00
HUNTLEY___68 23562	27.09 0.16 0.00	23.80 0.17 0.00	22.35 -0.11 0.00	20.73 -0.08 0.00	20.93 -0.11 0.00	23.65 -0.66 0.00	24.77 -1.33 0.00	27.64 -1.15 0.00	29.11 -1.66 0.00	30.67 -1.28 0.00	33.82 -0.27 0.00	35.31 -0.61 0.00	35.96 -0.29 0.00	38.72 0.42 0.00	40.07 0.36 0.00	42.32 -0.86 -0.01	48.42 -0.99 0.00	56.66 -1.75 -0.01	50.18 -1.29 0.00	46.11 -0.89 0.00	41.28 -0.76 0.00	38.93 0.04 0.00	35.07 0.17 0.00	31.21 -0.25 0.00
HYLAND___LFGE 323620	28.52 1.59 0.00	24.68 1.04 0.00	23.39 0.92 0.00	21.48 0.67 0.00	21.75 0.72 0.00	25.23 0.92 0.00	26.49 0.39 0.00	29.48 0.69 0.00	30.68 -0.09 0.00	31.89 -0.06 0.00	34.57 0.48 0.00	36.32 0.40 0.00	35.42 -0.83 0.00	37.68 -0.61 0.00	39.12 -0.59 0.00	41.92 -1.25 0.00	48.17 -1.23 0.00	57.24 -1.17 0.00	51.57 0.10 0.00	48.18 1.18 0.00	44.05 2.02 0.00	40.95 2.06 0.00	36.74 1.85 0.00	33.32 1.86 0.00
INDECK___CORINTH 23802	29.83 1.62 -1.28	26.68 1.35 -1.70	24.85 1.19 -1.19	23.07 1.14 -1.11	23.21 1.18 -1.01	25.57 1.26 0.00	27.53 1.43 0.00	30.32 1.52 0.00	32.62 1.85 0.00	33.87 1.92 0.00	35.79 1.70 0.00	37.75 1.83 0.00	38.10 1.85 0.00	39.83 1.53 0.00	41.22 1.51 0.00	44.95 1.77 0.00	51.68 2.27 0.00	61.68 3.27 0.00	55.01 3.55 0.00	50.34 3.34 0.00	45.52 3.49 0.00	41.89 2.99 0.00	37.09 2.20 0.00	33.25 1.79 0.00
INDECK___ILION 23567	27.15 0.22 0.00	23.80 0.17 0.00	22.62 0.16 0.00	20.96 0.15 0.00	21.18 0.15 0.00	24.45 0.15 0.00	26.28 0.18 0.00	28.99 0.20 0.00	30.99 0.22 0.00	32.21 0.26 0.00	34.39 0.31 0.00	36.25 0.32 0.00	36.58 0.33 0.00	38.68 0.38 0.00	40.15 0.44 0.00	43.69 0.52 0.00	49.92 0.64 0.13	59.28 0.88 0.00	52.19 0.72 0.00	47.66 0.66 0.00	42.62 0.59 0.00	39.40 0.51 0.00	35.21 0.31 0.00	31.71 0.25 0.00
INDECK___OLEAN 23982	27.15 0.21 0.00	23.36 -0.28 0.00	22.17 -0.29 0.00	20.44 -0.37 0.00	20.72 -0.31 0.00	23.89 -0.41 0.00	25.24 -0.86 0.00	27.96 -0.84 0.00	29.54 -1.23 0.00	31.22 -0.73 0.00	34.47 0.38 0.00	36.18 0.25 0.00	36.76 0.51 0.00	38.95 0.65 0.00	40.31 0.60 0.00	42.88 -0.30 -0.01	49.01 -0.40 0.00	57.36 -1.05 -0.01	51.11 -0.36 0.00	46.77 -0.23 0.00	42.46 0.42 0.00	39.36 0.47 0.00	36.01 1.12 0.00	31.78 0.31 0.00
INDECK___OSWEGO 23783	26.07 -0.86 0.00	22.93 -0.71 0.00	21.77 -0.70 0.00	20.17 -0.65 0.00	20.38 -0.65 0.00	23.53 -0.78 0.00	25.16 -0.94 0.00	27.70 -1.09 0.00	29.45 -1.32 0.00	30.74 -1.21 0.00	32.93 -1.16 0.00	34.74 -1.18 0.00	35.06 -1.20 0.00	37.22 -1.07 0.00	38.56 -1.15 0.00	41.71 -1.47 0.00	47.37 -1.58 0.45	56.60 -1.81 0.00	49.92 -1.54 0.00	45.69 -1.32 0.00	40.94 -1.09 0.00	37.96 -0.93 0.00	33.98 -0.91 0.00	30.39 -1.07 0.00
INDECK___YERKES 23781	27.04 0.11 0.00	23.24 -0.40 0.00	22.08 -0.38 0.00	20.30 -0.52 0.00	20.55 -0.48 0.00	23.63 -0.68 0.00	24.57 -1.54 -0.02	27.49 -1.32 -0.02	29.03 -1.75 -0.02	30.88 -1.09 -0.02	34.17 0.07 -0.02	35.80 -0.14 -0.02	36.34 0.07 -0.02	39.07 0.77 -0.02	40.40 0.67 -0.02	42.68 -0.52 -0.02	48.83 -0.59 -0.02	57.14 -1.29 -0.02	50.66 -0.83 -0.02	46.41 -0.61 -0.02	42.13 0.08 -0.02	39.18 0.27 -0.02	35.61 0.70 -0.02	31.34 -0.13 0.00
INDIAN POINT_GT_1 24139	32.33 1.64 -3.76	30.00 1.39 -4.96	27.28 1.33 -3.49	25.27 1.21 -3.24	25.19 1.22 -2.94	25.81 1.51 0.00	27.84 1.75 0.00	30.69 1.90 0.00	32.95 2.18 0.00	34.25 2.30 0.00	36.41 2.32 0.00	38.37 2.44 0.00	38.72 2.47 0.00	40.90 2.60 0.00	42.53 2.82 0.00	46.54 3.37 0.00	53.51 4.10 0.00	63.25 4.85 0.00	55.53 4.07 0.00	50.39 3.38 0.00	44.77 2.73 0.00	41.23 2.33 0.00	36.88 1.99 0.00	33.38 1.92 0.00
INDIAN POINT_GT_2 23659	32.33 1.64 -3.76	30.00 1.39 -4.96	27.28 1.33 -3.49	25.27 1.21 -3.24	25.19 1.22 -2.94	25.81 1.51 0.00	27.84 1.75 0.00	30.69 1.90 0.00	32.95 2.18 0.00	34.25 2.30 0.00	36.41 2.32 0.00	38.37 2.44 0.00	38.72 2.47 0.00	40.90 2.60 0.00	42.53 2.82 0.00	46.54 3.37 0.00	53.51 4.10 0.00	63.25 4.85 0.00	55.53 4.07 0.00	50.39 3.38 0.00	44.77 2.73 0.00	41.23 2.33 0.00	36.88 1.99 0.00	33.38 1.92 0.00
INDIAN POINT_GT_3 24019	32.33 1.64 -3.76	30.00 1.39 -4.96	27.28 1.33 -3.49	25.27 1.21 -3.24	25.19 1.22 -2.94	25.81 1.51 0.00	27.84 1.75 0.00	30.69 1.90 0.00	32.95 2.18 0.00	34.25 2.30 0.00	36.41 2.32 0.00	38.37 2.44 0.00	38.72 2.47 0.00	40.90 2.60 0.00	42.53 2.82 0.00	46.54 3.37 0.00	53.51 4.10 0.00	63.25 4.85 0.00	55.53 4.07 0.00	50.39 3.38 0.00	44.77 2.73 0.00	41.23 2.33 0.00	36.88 1.99 0.00	33.38 1.92 0.00
INDIAN POINT___2 23530	32.47 1.56 -3.98	30.22 1.32 -5.26	27.42 1.26 -3.70	25.39 1.14 -3.43	25.30 1.16 -3.12	25.64 1.34 0.00	27.63 1.54 0.00	30.61 1.82 0.00	32.89 2.12 0.00	34.12 2.17 0.00	36.24 2.15 0.00	38.19 2.26 0.00	38.64 2.39 0.00	40.82 2.53 0.00	42.41 2.70 0.00	46.42 3.24 0.00	53.31 3.90 0.00	63.02 4.61 0.00	55.27 3.81 0.00	50.15 3.15 0.00	44.51 2.48 0.00	41.26 2.37 0.00	36.70 1.81 0.00	33.29 1.82 0.00
INDIAN POINT___3 23531	32.25 1.56 -3.76	29.95 1.35 -4.96	27.23 1.28 -3.49	25.22 1.17 -3.24	25.15 1.18 -2.94	25.79 1.48 0.00	27.79 1.70 0.00	30.64 1.84 0.00	32.89 2.12 0.00	34.15 2.20 0.00	36.30 2.22 0.00	38.26 2.33 0.00	38.61 2.36 0.00	40.82 2.53 0.00	42.41 2.70 0.00	46.41 3.24 0.00	53.31 3.90 0.00	63.02 4.61 0.00	55.33 3.86 0.00	50.20 3.20 0.00	44.64 2.61 0.00	41.11 2.22 0.00	36.81 1.92 0.00	33.32 1.86 0.00
INGHAM_C_115KV_TB7 356103	27.09 0.16 0.00	23.76 0.12 0.00	22.58 0.11 0.00	20.92 0.10 0.00	21.14 0.11 0.00	24.40 0.10 0.00	26.23 0.13 0.00	28.91 0.12 0.00	30.92 0.15 0.00	32.17 0.22 0.00	34.36 0.27 0.00	36.17 0.25 0.00	36.51 0.25 0.00	38.64 0.34 0.00	40.03 0.32 0.00	43.65 0.47 0.00	49.82 0.54 0.13	59.17 0.76 0.00	52.08 0.62 0.00	47.62 0.61 0.00	42.58 0.55 0.00	39.40 0.51 0.00	35.17 0.28 0.00	31.68 0.22 0.00
IP CORINTH___1 23988	29.96 1.75 -1.28	26.85 1.51 -1.70	25.05 1.39 -1.19	23.19 1.27 -1.11	23.34 1.30 -1.01	25.81 1.51 0.00	27.74 1.64 0.00	30.49 1.70 0.00	32.80 2.03 0.00	34.06 2.11 0.00	36.00 1.91 0.00	38.01 2.08 0.00	38.28 2.03 0.00	40.05 1.76 0.00	41.46 1.75 0.00	45.25 2.07 0.00	51.97 2.57 0.00	62.03 3.62 0.00	55.33 3.86 0.00	50.62 3.62 0.00	45.77 3.74 0.00	42.04 3.15 0.00	37.30 2.41 0.00	33.44 1.98 0.00

IP___TICONDEROGA 23804	31.56 3.34 -1.29	28.34 3.00 -1.70	26.33 2.67 -1.20	24.36 2.44 -1.11	24.54 2.50 -1.01	27.22 2.92 0.00	29.20 3.11 0.00	31.99 3.20 0.00	34.46 3.69 0.00	35.78 3.83 0.00	37.97 3.89 0.00	40.13 4.20 0.00	40.39 4.13 0.00	42.24 3.94 0.00	43.68 3.97 0.00	47.58 4.40 0.00	54.69 5.29 0.00	65.77 7.36 0.00	58.67 7.21 0.00	53.77 6.77 0.00	48.84 6.81 0.00	44.76 5.87 0.00	39.57 4.68 0.00	35.36 3.90 0.00
ISLIP_RES_REC 323679	36.98 2.67 -7.39	33.90 2.22 -8.05	31.40 2.09 -6.85	29.03 1.91 -6.30	25.81 1.98 -2.80	29.98 2.26 -3.41	28.58 2.48 0.00	34.92 2.97 -3.16	36.49 3.38 -2.34	37.03 3.61 -1.47	36.82 2.73 0.00	38.73 2.80 0.00	39.48 3.23 0.00	41.90 3.60 -0.01	43.84 4.13 0.00	47.92 4.75 0.00	55.54 6.12 -0.01	65.95 7.54 -0.01	57.75 6.28 -0.01	51.70 4.70 0.00	45.73 3.70 0.00	48.23 3.93 -5.41	37.08 2.20 0.01	34.07 2.61 0.00
JAMAICA__27_KV_LOAD 355505	32.55 2.05 -3.57	30.10 1.75 -4.72	27.42 1.64 -3.32	25.33 1.44 -3.08	25.26 1.43 -2.80	26.15 1.85 0.00	28.31 2.22 0.00	31.36 2.56 0.00	33.72 2.95 0.00	35.08 3.13 0.00	37.29 3.20 0.00	39.30 3.38 0.00	39.62 3.37 0.00	41.89 3.60 0.00	43.60 3.89 0.00	47.88 4.71 0.00	54.99 5.58 0.00	65.01 6.60 0.00	57.08 5.61 0.00	51.70 4.70 0.00	45.73 3.70 0.00	42.00 3.11 0.00	37.61 2.72 0.00	34.07 2.61 0.00
JANIS___SOLAR 323808	28.66 1.73 0.00	25.03 1.39 0.00	23.74 1.28 0.00	22.00 1.19 0.00	22.23 1.20 0.00	25.74 1.43 0.00	27.69 1.59 0.00	30.78 1.99 0.00	32.37 1.60 0.00	33.74 1.79 0.00	36.17 2.08 0.00	38.04 2.12 0.00	38.39 2.14 0.00	41.05 2.76 0.00	42.49 2.78 0.00	46.11 2.94 0.12	52.94 3.66 0.00	63.55 5.14 0.00	56.10 4.63 0.00	51.89 4.89 0.00	46.78 4.75 0.00	43.17 4.28 0.00	38.31 3.42 0.00	34.01 2.55 0.00
JARVIS____ 23743	27.07 0.14 0.00	23.76 0.12 0.00	22.58 0.11 0.00	20.92 0.10 0.00	21.14 0.11 0.00	24.43 0.12 0.00	26.20 0.10 0.00	28.94 0.14 0.00	30.92 0.15 0.00	32.14 0.19 0.00	34.29 0.21 0.00	36.14 0.22 0.00	36.47 0.22 0.00	38.56 0.27 0.00	40.03 0.32 0.00	43.52 0.34 0.00	49.72 0.44 0.13	58.99 0.58 0.00	51.98 0.51 0.00	47.43 0.42 0.00	42.41 0.38 0.00	39.24 0.35 0.00	35.10 0.21 0.00	31.62 0.16 0.00
JENNISON___1 23625	29.33 2.85 0.45	25.55 2.51 0.60	24.33 2.29 0.42	22.57 2.14 0.39	22.80 2.12 0.35	26.71 2.41 0.00	28.97 2.87 0.00	31.76 2.97 0.00	33.66 2.89 0.00	35.08 3.13 0.00	37.50 3.41 0.00	39.34 3.41 0.00	39.70 3.44 0.00	42.47 4.17 0.00	44.20 4.49 0.00	48.27 5.09 0.00	55.28 5.88 0.00	66.12 7.71 0.00	57.95 6.48 0.00	53.44 6.44 0.00	47.92 5.88 0.00	44.14 5.25 0.00	39.01 4.12 0.00	34.86 3.40 0.00
JENNISON___2 23626	29.33 2.85 0.45	25.55 2.51 0.60	24.33 2.29 0.42	22.57 2.14 0.39	22.80 2.12 0.35	26.71 2.41 0.00	28.97 2.87 0.00	31.76 2.97 0.00	33.66 2.89 0.00	35.08 3.13 0.00	37.50 3.41 0.00	39.34 3.41 0.00	39.70 3.44 0.00	42.47 4.17 0.00	44.20 4.49 0.00	48.27 5.09 0.00	55.28 5.88 0.00	66.12 7.71 0.00	57.95 6.48 0.00	53.44 6.44 0.00	47.92 5.88 0.00	44.14 5.25 0.00	39.01 4.12 0.00	34.86 3.40 0.00
JERICHO_RISE_WT_PWR 323719	26.64 -0.30 0.00	23.45 -0.19 0.00	22.26 -0.20 0.00	20.65 -0.17 0.00	20.86 -0.17 0.00	24.19 -0.12 0.00	26.15 0.05 0.00	28.85 0.06 0.00	30.83 0.06 0.00	31.12 -0.83 0.00	32.93 -1.16 0.00	34.66 -1.26 0.00	34.91 -1.34 0.00	36.76 -1.53 0.00	38.08 -1.63 0.00	41.32 -1.86 0.00	45.20 -2.57 1.64	55.31 -3.10 0.00	48.63 -2.83 0.01	44.61 -2.40 0.00	40.19 -1.85 0.00	36.91 -1.98 0.00	34.02 -0.87 0.00	31.34 -0.13 0.00
KATONAH__115KV_46KV_TB4 355592	32.20 1.94 -3.33	29.67 1.63 -4.40	27.09 1.53 -3.10	25.09 1.39 -2.87	25.03 1.39 -2.61	26.03 1.73 0.00	28.08 1.98 0.00	30.95 2.16 0.00	33.32 2.55 0.00	34.57 2.62 0.00	36.75 2.66 0.00	38.76 2.84 0.00	39.12 2.86 0.00	41.43 3.14 0.00	43.09 3.38 0.00	47.15 3.97 0.00	54.35 4.94 0.00	64.19 5.78 0.00	56.36 4.89 0.00	51.09 4.09 0.00	45.35 3.32 0.00	41.69 2.80 0.00	37.23 2.34 0.00	33.66 2.20 0.00
KCE_NY_1 323755	30.07 1.83 -1.31	26.98 1.61 -1.73	25.14 1.46 -1.22	23.30 1.35 -1.13	23.44 1.39 -1.03	25.84 1.53 0.00	27.77 1.67 0.00	30.61 1.82 0.00	32.86 2.09 0.00	34.15 2.20 0.00	36.27 2.18 0.00	38.26 2.33 0.00	38.61 2.36 0.00	40.59 2.30 0.00	42.05 2.34 0.00	45.81 2.63 0.00	52.66 3.26 0.00	62.61 4.21 0.00	55.53 4.06 0.00	50.77 3.76 0.00	45.65 3.62 0.00	42.08 3.19 0.00	37.33 2.44 0.00	33.57 2.11 0.00
KCE_NY_6_ESR 323823	27.39 0.46 0.00	23.54 -0.09 0.00	22.37 -0.09 0.00	20.57 -0.25 0.00	20.82 -0.21 0.00	23.97 -0.34 0.00	25.03 -1.07 0.00	27.96 -0.84 0.00	29.54 -1.23 0.00	31.38 -0.57 0.00	34.71 0.61 0.00	36.39 0.47 0.00	36.91 0.65 0.00	39.64 1.34 0.00	41.02 1.31 0.00	43.40 0.22 -0.01	49.66 0.25 0.00	58.07 -0.35 -0.01	51.52 0.05 0.00	47.20 0.19 0.00	42.79 0.76 0.00	39.79 0.90 0.00	36.15 1.25 0.00	31.87 0.41 0.00
KEDC_PORT_JEFF_GT2 24210	36.71 2.40 -7.39	33.67 1.99 -8.05	31.20 1.89 -6.85	28.85 1.73 -6.30	25.62 1.79 -2.80	29.74 2.02 -3.41	28.34 2.24 0.00	34.63 2.68 -3.16	36.15 3.05 -2.34	36.64 3.23 -1.47	36.30 2.21 0.00	38.15 2.23 0.00	38.90 2.65 0.00	41.25 2.95 0.00	43.16 3.45 0.00	46.98 3.80 0.00	54.41 4.99 -0.01	64.61 6.19 -0.01	56.58 5.10 -0.01	50.67 3.67 0.00	44.85 2.82 0.00	45.12 3.27 -2.96	36.63 1.74 0.01	33.70 2.23 0.00
KEDC_PORT_JEFF_GT3 24211	36.71 2.40 -7.39	33.67 1.99 -8.05	31.20 1.89 -6.85	28.85 1.73 -6.30	25.62 1.79 -2.80	29.74 2.02 -3.41	28.34 2.24 0.00	34.63 2.68 -3.16	36.15 3.05 -2.34	36.64 3.23 -1.47	36.30 2.21 0.00	38.15 2.23 0.00	38.90 2.65 0.00	41.25 2.95 0.00	43.16 3.45 0.00	46.98 3.80 0.00	54.41 4.99 -0.01	64.61 6.19 -0.01	56.58 5.10 -0.01	50.67 3.67 0.00	44.85 2.82 0.00	45.12 3.27 -2.96	36.63 1.74 0.01	33.70 2.23 0.00
KEDC_GLWD_GT4 24219	36.69 2.37 -7.39	33.67 1.99 -8.05	31.20 1.89 -6.85	28.83 1.71 -6.30	25.56 1.72 -2.80	29.71 1.99 -3.41	28.34 2.24 0.00	34.63 2.68 -3.16	36.18 3.08 -2.34	36.64 3.23 -1.47	36.98 2.90 0.00	38.94 3.02 0.00	39.23 2.97 0.00	41.51 3.22 0.00	43.36 3.65 0.00	47.45 4.28 0.00	54.69 5.29 0.00	64.83 6.42 0.00	56.77 5.30 0.00	51.05 4.04 0.00	45.23 3.19 0.00	42.08 3.19 0.00	37.29 2.41 0.00	34.04 2.58 0.00
KEDC_GLWD_GT5 24220	36.69 2.37 -7.39	33.67 1.99 -8.05	31.20 1.89 -6.85	28.83 1.71 -6.30	25.56 1.72 -2.80	29.71 1.99 -3.41	28.34 2.24 0.00	34.63 2.68 -3.16	36.18 3.08 -2.34	36.64 3.23 -1.47	36.98 2.90 0.00	38.94 3.02 0.00	39.23 2.97 0.00	41.51 3.22 0.00	43.36 3.65 0.00	47.45 4.28 0.00	54.69 5.29 0.00	64.83 6.42 0.00	56.77 5.30 0.00	51.05 4.04 0.00	45.23 3.19 0.00	42.08 3.19 0.00	37.29 2.41 0.00	34.04 2.58 0.00

KENSICO____ 23655	32.27 1.72 -3.61	29.90 1.49 -4.77	27.21 1.39 -3.36	25.20 1.27 -3.12	25.14 1.28 -2.83	25.91 1.60 0.00	27.92 1.83 0.00	30.81 2.02 0.00	33.11 2.34 0.00	34.41 2.46 0.00	36.54 2.45 0.00	38.55 2.62 0.00	38.86 2.61 0.00	41.09 2.80 0.00	42.73 3.02 0.00	46.76 3.58 0.00	53.75 4.35 0.00	63.55 5.14 0.00	55.74 4.27 0.00	50.58 3.57 0.00	44.93 2.90 0.00	41.34 2.45 0.00	37.02 2.13 0.00	33.51 2.05 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	30.32 1.51 -1.88	27.35 1.23 -2.49	25.45 1.24 -1.75	23.57 1.12 -1.62	23.64 1.14 -1.47	25.72 1.41 0.00	27.71 1.62 0.00	30.41 1.61 0.00	32.71 1.94 0.00	33.87 1.92 0.00	36.03 1.94 0.00	37.97 2.05 0.00	38.32 2.07 0.00	40.51 2.22 0.00	42.17 2.46 0.00	46.24 3.07 0.00	53.16 3.75 0.00	62.85 4.44 0.00	55.33 3.86 0.00	50.25 3.24 0.00	44.77 2.73 0.00	41.19 2.29 0.00	36.88 1.99 0.00	33.38 1.92 0.00
KIAC_JFK_GT1 23816	32.38 1.89 -3.57	29.94 1.58 -4.72	27.26 1.48 -3.32	25.21 1.31 -3.08	25.13 1.30 -2.80	26.01 1.70 0.00	28.16 2.06 0.00	31.15 2.36 0.00	33.54 2.77 0.00	34.86 2.91 0.00	37.05 2.97 0.00	39.05 3.13 0.00	39.37 3.12 0.00	41.59 3.29 0.00	43.29 3.57 0.00	47.54 4.36 0.00	54.59 5.19 0.00	64.54 6.13 0.00	56.66 5.20 0.00	51.33 4.32 0.00	45.40 3.36 0.00	41.69 2.80 0.00	37.37 2.48 0.00	33.85 2.39 0.00
KIAC_JFK_GT2 23817	32.38 1.89 -3.57	29.94 1.58 -4.72	27.26 1.48 -3.32	25.21 1.31 -3.08	25.13 1.30 -2.80	26.01 1.70 0.00	28.16 2.06 0.00	31.15 2.36 0.00	33.54 2.77 0.00	34.86 2.91 0.00	37.05 2.97 0.00	39.05 3.13 0.00	39.37 3.12 0.00	41.59 3.29 0.00	43.29 3.57 0.00	47.54 4.36 0.00	54.59 5.19 0.00	64.54 6.13 0.00	56.66 5.20 0.00	51.33 4.32 0.00	45.40 3.36 0.00	41.69 2.80 0.00	37.37 2.48 0.00	33.85 2.39 0.00
KIAC_JFK____ 323774	32.36 1.86 -3.57	29.94 1.58 -4.72	27.24 1.46 -3.32	25.17 1.27 -3.08	25.11 1.28 -2.80	25.86 1.56 0.00	28.00 1.90 0.00	31.12 2.33 0.00	33.54 2.77 0.00	34.83 2.88 0.00	36.98 2.90 0.00	38.90 2.98 0.00	39.37 3.12 0.00	41.59 3.29 0.00	43.24 3.53 0.00	47.49 4.32 0.00	54.54 5.14 0.00	64.48 6.07 0.00	56.56 5.10 0.00	51.24 4.23 0.00	45.27 3.24 0.00	41.85 2.95 0.00	37.19 2.30 0.00	33.82 2.36 0.00
KINTIGH____ 23543	26.63 -0.30 0.00	23.40 -0.24 0.00	22.01 -0.45 0.00	20.44 -0.37 0.00	20.61 -0.42 0.00	23.34 -0.97 0.00	24.45 -1.64 0.00	27.29 -1.50 0.00	28.77 -2.00 0.00	30.29 -1.66 0.00	33.17 -0.92 0.00	34.70 -1.22 0.00	35.24 -1.02 0.00	37.79 -0.50 0.00	39.15 -0.56 0.00	41.49 -1.68 0.00	47.48 -1.93 0.00	55.72 -2.69 0.00	49.30 -2.16 0.00	45.36 -1.65 0.00	40.65 -1.39 0.00	38.27 -0.62 0.00	34.37 -0.52 0.00	30.61 -0.85 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	27.28 0.35 0.00	24.02 0.38 0.00	22.82 0.36 0.00	21.11 0.29 0.00	21.32 0.29 0.00	24.77 0.46 0.00	26.85 0.76 0.00	29.66 0.86 0.00	31.66 0.89 0.00	31.25 -0.70 0.00	32.83 -1.26 0.00	34.59 -1.33 0.00	34.87 -1.38 0.00	36.76 -1.53 0.00	38.04 -1.67 0.00	41.15 -2.03 0.00	45.39 -2.77 1.25	54.96 -3.45 0.00	48.42 -3.04 0.01	44.42 -2.59 0.00	40.27 -1.77 0.00	37.10 -1.79 0.00	34.40 -0.49 0.00	32.25 0.79 0.00
LACHUTE____HYDRO 323717	31.56 3.34 -1.29	28.27 2.93 -1.70	26.24 2.58 -1.20	24.32 2.39 -1.11	24.52 2.48 -1.01	27.13 2.82 0.00	29.15 3.05 0.00	31.99 3.20 0.00	34.46 3.69 0.00	35.78 3.83 0.00	37.97 3.88 0.00	40.12 4.20 0.00	40.38 4.13 0.00	42.24 3.94 0.00	43.68 3.97 0.00	47.53 4.36 0.00	54.69 5.29 0.00	65.71 7.30 0.00	58.72 7.26 0.00	53.77 6.77 0.00	48.84 6.81 0.00	44.88 5.99 0.00	39.57 4.68 0.00	35.36 3.90 0.00
LAWRNCV_115KV_TB1 80681	25.85 -1.08 0.00	22.74 -0.90 0.00	21.63 -0.83 0.00	20.05 -0.77 0.00	20.25 -0.78 0.00	23.46 -0.85 0.00	25.34 -0.76 0.00	27.93 -0.86 0.00	29.75 -1.02 0.00	30.64 -1.31 0.00	32.66 -1.43 0.00	34.38 -1.54 0.00	34.66 -1.60 0.00	36.53 -1.76 0.00	37.69 -2.03 0.00	40.89 -2.29 0.00	38.24 -3.41 7.75	54.43 -3.97 0.00	47.91 -3.55 0.01	44.00 -3.01 0.00	39.68 -2.35 0.00	37.22 -1.67 0.00	33.50 -1.40 0.00	30.33 -1.13 0.00
LEDERLE____ 23769	33.09 1.62 -4.54	31.04 1.39 -6.00	28.01 1.33 -4.22	25.96 1.23 -3.92	25.83 1.24 -3.56	25.84 1.53 0.00	27.87 1.77 0.00	30.66 1.87 0.00	32.92 2.15 0.00	34.19 2.24 0.00	36.37 2.28 0.00	38.33 2.41 0.00	38.72 2.47 0.00	40.90 2.60 0.00	42.53 2.82 0.00	46.54 3.37 0.00	53.46 4.05 0.00	63.20 4.79 0.00	55.48 4.01 0.00	50.29 3.29 0.00	44.81 2.77 0.00	41.26 2.37 0.00	36.95 2.06 0.00	33.44 1.98 0.00
LIGHTHSE_115KV_TB6 355974	26.34 -0.59 0.00	23.12 -0.52 0.00	21.95 -0.52 0.00	20.34 -0.48 0.00	20.55 -0.48 0.00	23.63 -0.68 0.00	25.34 -0.76 0.00	28.10 -0.69 0.00	29.79 -0.98 0.00	30.96 -0.99 0.00	33.00 -1.09 0.00	34.77 -1.15 0.00	35.09 -1.16 0.00	37.22 -1.07 0.00	38.48 -1.23 0.00	41.75 -1.42 0.00	46.62 -1.58 1.20	56.83 -1.58 0.00	50.18 -1.29 0.00	46.30 -0.71 0.00	41.49 -0.55 0.00	38.54 -0.35 0.00	34.40 -0.49 0.00	30.80 -0.66 0.00
LINDEN COGEN____ 23786	32.30 1.80 -3.57	29.87 1.51 -4.72	27.17 1.39 -3.32	25.14 1.25 -3.08	25.07 1.24 -2.80	25.79 1.48 0.00	27.89 1.80 0.00	30.95 2.16 0.00	33.32 2.55 0.00	34.60 2.65 0.00	36.71 2.62 0.00	38.58 2.66 0.00	39.01 2.75 0.00	39.31 2.83 1.82	39.62 3.06 3.15	41.66 3.71 5.23	43.92 4.45 9.93	54.35 5.26 9.32	41.72 4.32 14.07	41.62 3.53 8.91	40.36 2.65 4.33	38.41 2.49 2.97	36.91 2.02 0.00	33.54 2.08 0.00
LINDHRST_69_KV_BK1 356055	36.98 2.67 -7.39	33.95 2.27 -8.05	31.45 2.13 -6.85	29.08 1.96 -6.30	25.81 1.98 -2.80	30.10 2.38 -3.41	28.73 2.64 0.00	34.92 2.97 -3.16	36.46 3.35 -2.34	36.96 3.55 -1.47	36.95 2.86 0.00	38.98 3.05 0.00	39.55 3.30 0.00	41.86 3.56 -0.01	43.72 4.01 0.00	47.80 4.62 0.00	55.24 5.83 0.00	65.53 7.13 0.00	57.44 5.97 0.00	51.61 4.61 0.00	45.98 3.95 0.00	46.48 3.50 -4.09	37.40 2.51 0.01	34.32 2.86 0.00
LIPA_MISC_IPP 23656	36.63 2.32 -7.39	33.65 1.96 -8.05	31.15 1.84 -6.85	28.83 1.71 -6.30	25.60 1.77 -2.80	29.81 2.09 -3.41	28.42 2.32 0.00	34.58 2.62 -3.16	36.03 2.92 -2.34	36.55 3.13 -1.47	36.30 2.22 0.00	38.26 2.33 0.00	38.94 2.68 0.00	41.21 2.91 0.00	43.17 3.45 0.00	47.23 4.06 0.00	54.85 5.43 -0.01	65.13 6.72 -0.01	57.09 5.61 -0.01	51.19 4.18 0.00	45.56 3.53 0.00	44.87 2.99 -2.99	36.77 1.88 0.01	33.88 2.42 0.00
LISF____SOLAR 323691	36.69 2.37 -7.39	33.64 1.96 -8.05	31.18 1.86 -6.85	28.83 1.71 -6.30	25.60 1.77 -2.80	29.74 2.02 -3.41	28.31 2.22 0.00	34.60 2.65 -3.16	36.09 2.98 -2.34	36.55 3.13 -1.47	36.30 2.21 0.00	38.15 2.23 0.00	38.90 2.65 0.00	41.29 2.99 0.00	43.21 3.50 0.00	47.32 4.15 0.00	54.95 5.53 -0.01	65.25 6.83 -0.01	57.19 5.71 -0.01	51.24 4.23 0.00	45.31 3.28 0.00	45.56 3.46 -3.21	36.70 1.81 0.01	33.73 2.27 0.00

LITTLE FALLS___HYD 24013	27.09 0.16 0.00	23.76 0.12 0.00	22.58 0.11 0.00	20.92 0.10 0.00	21.14 0.11 0.00	24.40 0.10 0.00	26.23 0.13 0.00	28.91 0.12 0.00	30.92 0.15 0.00	32.17 0.22 0.00	34.36 0.27 0.00	36.17 0.25 0.00	36.51 0.25 0.00	38.64 0.34 0.00	40.03 0.32 0.00	43.65 0.47 0.00	49.82 0.54 0.13	59.17 0.76 0.00	52.08 0.62 0.00	47.62 0.61 0.00	42.58 0.55 0.00	39.40 0.51 0.00	35.17 0.28 0.00	31.68 0.22 0.00
LITTLRIV_115KV_TB1 356100	26.12 -0.81 0.00	22.95 -0.69 0.00	21.86 -0.61 0.00	20.26 -0.56 0.00	20.46 -0.57 0.00	23.70 -0.61 0.00	25.65 -0.44 0.00	28.25 -0.55 0.00	30.06 -0.71 0.00	30.93 -1.02 0.00	32.96 -1.12 0.00	34.70 -1.22 0.00	34.98 -1.27 0.00	36.88 -1.42 0.00	38.08 -1.63 0.00	41.36 -1.81 0.00	39.11 -2.87 7.43	55.08 -3.33 0.00	48.47 -2.99 0.01	44.61 -2.40 0.00	40.31 -1.72 0.00	37.76 -1.13 0.00	33.91 -0.98 0.00	30.68 -0.79 0.00
LI_NEWBRDGE___DRP 323616	36.34 2.02 -7.39	33.43 1.75 -8.05	30.95 1.64 -6.85	28.64 1.52 -6.30	25.34 1.51 -2.80	29.59 1.87 -3.41	28.21 2.11 0.00	34.32 2.36 -3.16	35.81 2.71 -2.34	36.26 2.84 -1.47	36.44 2.35 0.00	38.40 2.48 0.00	38.90 2.65 0.00	41.09 2.80 0.00	42.89 3.18 0.00	46.93 3.76 0.00	54.15 4.74 0.00	64.13 5.72 0.00	56.25 4.79 0.00	50.62 3.62 0.00	45.02 2.98 0.00	41.54 2.64 0.00	36.87 1.99 0.01	33.66 2.20 0.00
LOCKPORT_115KV_TB60_63_64 80432	26.93 0.00 0.00	23.69 0.05 0.00	22.22 -0.25 0.00	20.63 -0.19 0.00	20.80 -0.23 0.00	23.48 -0.83 0.00	24.48 -1.62 0.00	27.42 -1.38 0.00	28.84 -1.94 0.00	30.23 -1.73 0.00	33.31 -0.78 0.00	34.78 -1.15 0.00	35.39 -0.87 0.00	38.14 -0.15 0.00	39.48 -0.24 0.00	41.58 -1.60 -0.01	47.58 -1.83 0.00	55.73 -2.69 -0.01	49.36 -2.11 0.00	45.41 -1.60 0.00	40.69 -1.35 0.00	38.43 -0.47 0.00	34.58 -0.31 0.00	30.80 -0.66 0.00
LOCKPORT___CC1 323769	26.90 -0.03 0.00	23.14 -0.50 0.00	21.99 -0.47 0.00	20.21 -0.60 0.00	20.46 -0.57 0.00	23.53 -0.78 0.00	24.40 -1.70 0.00	27.30 -1.50 0.00	28.80 -1.97 0.00	30.61 -1.34 0.00	33.85 -0.24 0.00	35.46 -0.47 0.00	35.96 -0.29 0.00	38.57 0.27 0.00	39.91 0.20 0.00	42.14 -1.04 -0.01	48.22 -1.19 0.00	56.49 -1.93 -0.01	50.13 -1.34 0.00	46.02 -0.99 0.00	41.75 -0.29 0.00	38.90 0.00 0.00	35.32 0.42 0.00	31.18 -0.28 0.00
LOCKPORT___CC2 323770	26.90 -0.03 0.00	23.14 -0.50 0.00	21.99 -0.47 0.00	20.21 -0.60 0.00	20.46 -0.57 0.00	23.53 -0.78 0.00	24.40 -1.70 0.00	27.30 -1.50 0.00	28.80 -1.97 0.00	30.61 -1.34 0.00	33.85 -0.24 0.00	35.46 -0.47 0.00	35.96 -0.29 0.00	38.57 0.27 0.00	39.91 0.20 0.00	42.14 -1.04 -0.01	48.22 -1.19 0.00	56.49 -1.93 -0.01	50.13 -1.34 0.00	46.02 -0.99 0.00	41.75 -0.29 0.00	38.90 0.00 0.00	35.32 0.42 0.00	31.18 -0.28 0.00
LOCKPORT___CC3 323771	26.90 -0.03 0.00	23.14 -0.50 0.00	21.99 -0.47 0.00	20.21 -0.60 0.00	20.46 -0.57 0.00	23.53 -0.78 0.00	24.40 -1.70 0.00	27.30 -1.50 0.00	28.80 -1.97 0.00	30.61 -1.34 0.00	33.85 -0.24 0.00	35.46 -0.47 0.00	35.96 -0.29 0.00	38.57 0.27 0.00	39.91 0.20 0.00	42.14 -1.04 -0.01	48.22 -1.19 0.00	56.49 -1.93 -0.01	50.13 -1.34 0.00	46.02 -0.99 0.00	41.75 -0.29 0.00	38.90 0.00 0.00	35.32 0.42 0.00	31.18 -0.28 0.00
LONG_LAKE_PHOENIX 24014	26.20 -0.73 0.00	22.98 -0.66 0.00	21.81 -0.65 0.00	20.21 -0.60 0.00	20.42 -0.61 0.00	23.48 -0.83 0.00	25.10 -0.99 0.00	27.84 -0.95 0.00	29.60 -1.17 0.00	30.90 -1.05 0.00	33.13 -0.95 0.00	34.95 -0.97 0.00	35.27 -0.98 0.00	37.49 -0.80 0.00	38.88 -0.83 0.00	42.01 -1.17 0.00	47.89 -1.24 0.28	56.95 -1.46 0.00	50.18 -1.29 0.00	45.92 -1.08 0.00	41.11 -0.92 0.00	38.11 -0.78 0.00	34.12 -0.77 0.00	30.55 -0.91 0.00
LOVETT___3 23632	32.76 1.48 -4.35	30.67 1.28 -5.75	27.72 1.21 -4.04	25.72 1.14 -3.75	25.58 1.14 -3.41	25.74 1.43 0.00	27.74 1.64 0.00	30.52 1.73 0.00	32.77 2.00 0.00	34.03 2.08 0.00	36.17 2.08 0.00	38.15 2.23 0.00	38.50 2.25 0.00	40.67 2.37 0.00	42.25 2.54 0.00	46.24 3.07 0.00	53.11 3.71 0.00	62.79 4.38 0.00	55.12 3.65 0.00	49.97 2.96 0.00	44.51 2.48 0.00	40.99 2.10 0.00	36.74 1.85 0.00	33.26 1.79 0.00
LOVETT___4 23642	32.76 1.48 -4.35	30.67 1.28 -5.75	27.72 1.21 -4.04	25.72 1.14 -3.75	25.58 1.14 -3.41	25.74 1.43 0.00	27.74 1.64 0.00	30.52 1.73 0.00	32.77 2.00 0.00	34.03 2.08 0.00	36.17 2.08 0.00	38.15 2.23 0.00	38.50 2.25 0.00	40.67 2.37 0.00	42.25 2.54 0.00	46.24 3.07 0.00	53.11 3.71 0.00	62.79 4.38 0.00	55.12 3.65 0.00	49.97 2.96 0.00	44.51 2.48 0.00	40.99 2.10 0.00	36.74 1.85 0.00	33.26 1.79 0.00
LOVETT___5 23593	32.76 1.48 -4.35	30.67 1.28 -5.75	27.72 1.21 -4.04	25.72 1.14 -3.75	25.58 1.14 -3.41	25.74 1.43 0.00	27.74 1.64 0.00	30.52 1.73 0.00	32.77 2.00 0.00	34.03 2.08 0.00	36.17 2.08 0.00	38.15 2.23 0.00	38.50 2.25 0.00	40.67 2.37 0.00	42.25 2.54 0.00	46.24 3.07 0.00	53.11 3.71 0.00	62.79 4.38 0.00	55.12 3.65 0.00	49.97 2.96 0.00	44.51 2.48 0.00	40.99 2.10 0.00	36.74 1.85 0.00	33.26 1.79 0.00
LOWER RAQUET___HYD 24057	25.69 -1.24 0.00	22.62 -1.02 0.00	21.50 -0.97 0.00	19.94 -0.87 0.00	20.15 -0.88 0.00	23.31 -1.00 0.00	25.21 -0.89 0.00	27.78 -1.01 0.00	29.63 -1.14 0.00	30.45 -1.50 0.00	32.42 -1.67 0.00	34.16 -1.76 0.00	34.37 -1.89 0.00	36.15 -2.14 0.00	37.45 -2.26 0.00	40.67 -2.51 0.00	38.63 -3.66 7.12	54.15 -4.26 0.00	47.55 -3.91 0.01	43.76 -3.24 0.00	39.47 -2.57 0.00	36.29 -2.61 0.00	33.29 -1.60 0.00	30.17 -1.29 0.00
LOWER___HUDSON 24059	29.47 1.16 -1.38	26.45 0.99 -1.82	24.71 0.97 -1.28	22.90 0.89 -1.19	23.03 0.92 -1.08	25.28 0.97 0.00	27.14 1.04 0.00	30.00 1.21 0.00	32.16 1.39 0.00	33.42 1.47 0.00	35.52 1.43 0.00	37.43 1.51 0.00	37.81 1.56 0.00	39.86 1.57 0.00	41.30 1.59 0.00	44.99 1.81 0.00	51.73 2.32 0.00	61.21 2.80 0.00	54.14 2.67 0.00	49.45 2.44 0.00	44.18 2.14 0.00	40.84 1.94 0.00	36.32 1.43 0.00	32.75 1.29 0.00
LOWVILLE_115KV_TB2 356335	26.77 -0.16 0.00	23.50 -0.14 0.00	22.33 -0.13 0.00	20.69 -0.12 0.00	20.90 -0.13 0.00	24.11 -0.19 0.00	26.04 -0.05 0.00	28.74 -0.06 0.00	30.52 -0.25 0.00	31.66 -0.29 0.00	33.75 -0.34 0.00	35.53 -0.40 0.00	35.82 -0.44 0.00	38.06 -0.23 0.00	39.39 -0.32 0.00	42.92 -0.26 0.00	46.89 -0.40 2.12	58.35 -0.06 0.00	51.41 -0.05 0.00	47.38 0.38 0.00	42.54 0.50 0.00	39.40 0.51 0.00	35.03 0.14 0.00	31.40 -0.06 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	30.07 1.83 -1.31	26.98 1.61 -1.73	25.16 1.48 -1.22	23.32 1.37 -1.13	23.45 1.39 -1.03	25.91 1.60 0.00	27.82 1.72 0.00	30.61 1.81 0.00	32.83 2.06 0.00	34.12 2.17 0.00	36.24 2.15 0.00	38.26 2.33 0.00	38.57 2.32 0.00	40.59 2.30 0.00	42.01 2.30 0.00	45.81 2.63 0.00	52.67 3.26 0.00	62.61 4.21 0.00	55.48 4.01 0.00	50.72 3.71 0.00	45.61 3.57 0.00	41.96 3.07 0.00	37.33 2.44 0.00	33.54 2.08 0.00

LUTHERNY_35_KV_BK2 355980	30.10 1.86 -1.31	27.00 1.63 -1.73	25.19 1.51 -1.22	23.32 1.37 -1.13	23.47 1.41 -1.03	25.94 1.63 0.00	27.84 1.75 0.00	30.61 1.81 0.00	32.86 2.09 0.00	34.15 2.20 0.00	36.27 2.18 0.00	38.29 2.37 0.00	38.61 2.36 0.00	40.59 2.30 0.00	42.05 2.34 0.00	45.85 2.68 0.00	52.71 3.31 0.00	62.67 4.26 0.00	55.58 4.12 0.00	50.76 3.76 0.00	45.65 3.61 0.00	42.00 3.11 0.00	37.37 2.48 0.00	33.57 2.11 0.00
LWR___OSWEGATCHIE_HYD 23850	25.93 -1.00 0.00	22.76 -0.87 0.00	21.66 -0.81 0.00	20.07 -0.75 0.00	20.27 -0.76 0.00	23.43 -0.88 0.00	25.31 -0.78 0.00	27.93 -0.86 0.00	29.69 -1.08 0.00	30.67 -1.28 0.00	32.69 -1.40 0.00	34.41 -1.51 0.00	34.69 -1.56 0.00	36.72 -1.57 0.00	37.92 -1.79 0.00	41.28 -1.90 0.00	41.89 -2.62 4.90	55.60 -2.80 0.00	48.99 -2.47 0.00	45.12 -1.88 0.00	40.60 -1.43 0.00	37.84 -1.05 0.00	33.77 -1.12 0.00	30.42 -1.04 0.00
LYONS_FALL_HYD 23570	27.12 0.19 0.00	23.76 0.12 0.00	22.58 0.11 0.00	20.94 0.13 0.00	21.16 0.13 0.00	24.43 0.12 0.00	26.33 0.23 0.00	29.05 0.26 0.00	30.89 0.12 0.00	32.11 0.16 0.00	34.26 0.17 0.00	36.10 0.18 0.00	36.40 0.15 0.00	38.68 0.38 0.00	40.07 0.36 0.00	43.65 0.48 0.00	48.51 0.49 1.39	59.34 0.93 0.00	52.19 0.72 0.00	48.04 1.03 0.00	43.08 1.05 0.00	39.79 0.90 0.00	35.45 0.56 0.00	31.78 0.31 0.00
MADISON___COUNTY_LFGE 323628	27.66 0.73 0.00	24.25 0.61 0.00	23.03 0.56 0.00	21.34 0.52 0.00	21.54 0.50 0.00	24.82 0.51 0.00	26.70 0.60 0.00	29.51 0.72 0.00	31.39 0.62 0.00	32.69 0.73 0.00	34.97 0.89 0.00	36.86 0.93 0.00	37.20 0.94 0.00	39.59 1.30 0.00	41.10 1.39 0.00	44.64 1.47 0.00	50.74 1.73 0.39	60.74 2.34 0.00	53.42 1.96 0.00	49.03 2.02 0.00	43.88 1.85 0.00	40.56 1.67 0.00	36.15 1.26 0.00	32.41 0.94 0.00
MALONE___115KV_TB1 356076	26.63 -0.30 0.00	23.40 -0.24 0.00	22.26 -0.20 0.00	20.61 -0.21 0.00	20.82 -0.21 0.00	24.16 -0.15 0.00	26.15 0.05 0.00	28.88 0.09 0.00	30.83 0.06 0.00	31.25 -0.70 0.00	33.17 -0.92 0.00	34.95 -0.97 0.00	35.24 -1.02 0.00	37.11 -1.19 0.00	38.36 -1.35 0.00	41.53 -1.64 0.00	44.02 -2.37 3.01	55.49 -2.92 0.00	48.88 -2.57 0.01	44.84 -2.16 0.00	40.56 -1.47 0.00	37.61 -1.28 0.00	34.19 -0.70 0.00	31.34 -0.13 0.00
MAPLEWOD_115KV_TB3 80458	29.28 0.97 -1.38	26.33 0.87 -1.82	24.57 0.83 -1.28	22.77 0.77 -1.19	22.89 0.78 -1.08	25.21 0.90 0.00	27.04 0.94 0.00	29.77 0.98 0.00	31.94 1.17 0.00	33.16 1.21 0.00	35.32 1.23 0.00	37.22 1.29 0.00	37.56 1.31 0.00	39.63 1.34 0.00	41.10 1.39 0.00	44.82 1.64 0.00	51.48 2.07 0.00	60.98 2.57 0.00	53.78 2.32 0.00	49.12 2.12 0.00	43.88 1.85 0.00	40.45 1.56 0.00	36.08 1.19 0.00	32.53 1.07 0.00
MAPLE_RIDGE_WT_1 323574	26.31 -0.62 0.00	23.14 -0.50 0.00	22.01 -0.45 0.00	20.42 -0.40 0.00	20.67 -0.36 0.00	23.92 -0.39 0.00	25.73 -0.37 0.00	28.39 -0.40 0.00	30.34 -0.43 0.00	31.41 -0.54 0.00	33.48 -0.61 0.00	35.28 -0.65 0.00	35.56 -0.69 0.00	37.49 -0.81 0.00	38.88 -0.84 0.00	42.23 -0.95 0.00	47.46 -1.28 0.66	56.89 -1.52 0.00	50.11 -1.34 0.01	45.83 -1.17 0.00	41.07 -0.97 0.00	37.92 -0.97 0.00	34.23 -0.66 0.00	30.90 -0.57 0.00
MAPLE_RIDGE_WT_2 323611	26.31 -0.62 0.00	23.14 -0.50 0.00	22.01 -0.45 0.00	20.42 -0.40 0.00	20.67 -0.36 0.00	23.92 -0.39 0.00	25.73 -0.37 0.00	28.39 -0.40 0.00	30.34 -0.43 0.00	31.41 -0.54 0.00	33.48 -0.61 0.00	35.28 -0.65 0.00	35.56 -0.69 0.00	37.49 -0.81 0.00	38.88 -0.84 0.00	42.23 -0.95 0.00	47.46 -1.28 0.66	56.89 -1.52 0.00	50.11 -1.34 0.01	45.83 -1.17 0.00	41.07 -0.97 0.00	37.92 -0.97 0.00	34.23 -0.66 0.00	30.90 -0.57 0.00
MARBLE_RIVER_WT_PWR 323696	26.82 -0.11 0.00	23.61 -0.02 0.00	22.42 -0.04 0.00	20.80 -0.02 0.00	20.99 -0.04 0.00	24.36 0.05 0.00	26.33 0.23 0.00	29.08 0.29 0.00	31.05 0.28 0.00	31.15 -0.80 0.00	32.89 -1.19 0.00	34.63 -1.29 0.00	34.87 -1.38 0.00	36.72 -1.57 0.00	38.04 -1.67 0.00	41.23 -1.94 0.00	45.74 -2.62 1.05	55.19 -3.21 0.00	48.53 -2.93 0.01	44.51 -2.49 0.00	40.14 -1.89 0.00	36.83 -2.06 0.00	34.09 -0.80 0.00	31.59 0.13 0.00
MARSHVLE_115KV_TB1 80742	30.44 2.72 -0.79	27.09 2.41 -1.04	25.35 2.16 -0.73	23.48 1.98 -0.68	23.69 2.04 -0.62	26.71 2.41 0.00	28.71 2.61 0.00	31.33 2.53 0.00	33.29 2.52 0.00	34.38 2.43 0.00	36.71 2.62 0.00	38.69 2.77 0.00	39.04 2.79 0.00	41.32 3.03 0.00	42.89 3.18 0.00	46.41 3.24 0.00	53.36 3.95 0.00	64.13 5.72 0.00	57.23 5.76 0.00	52.74 5.73 0.00	47.46 5.42 0.00	43.83 4.94 0.00	38.83 3.94 0.00	34.70 3.24 0.00
MARSH_HILL_WT_PWR 323713	27.93 1.00 0.00	24.16 0.52 0.00	22.91 0.45 0.00	21.09 0.27 0.00	21.37 0.34 0.00	24.72 0.41 0.00	26.15 0.05 0.00	29.11 0.32 0.00	30.71 -0.06 0.00	32.37 0.41 0.00	35.38 1.30 0.00	37.25 1.33 0.00	37.63 1.38 0.00	40.25 1.95 0.00	41.62 1.91 0.00	44.43 1.25 0.00	50.89 1.48 0.00	59.93 1.52 0.00	53.11 1.65 0.00	48.75 1.74 0.00	44.05 2.02 0.00	40.88 1.98 0.00	36.85 1.95 0.00	32.63 1.16 0.00
MCINTYRE_115KV_TB2 80467	26.42 -0.51 0.00	23.24 -0.40 0.00	22.13 -0.34 0.00	20.51 -0.31 0.00	20.72 -0.32 0.00	23.97 -0.34 0.00	25.94 -0.16 0.00	28.53 -0.26 0.00	30.34 -0.43 0.00	31.25 -0.70 0.00	33.27 -0.82 0.00	35.02 -0.90 0.00	35.31 -0.94 0.00	37.22 -1.07 0.00	38.44 -1.27 0.00	41.75 -1.42 0.00	39.06 -2.42 7.92	55.66 -2.75 0.00	49.04 -2.42 0.01	45.17 -1.83 0.00	40.81 -1.22 0.00	38.27 -0.62 0.00	34.33 -0.56 0.00	31.02 -0.44 0.00
MECO_____69_KV_BK1 80468	31.77 3.96 -0.88	28.37 3.57 -1.16	26.40 3.12 -0.82	24.45 2.87 -0.76	24.68 2.97 -0.69	27.83 3.52 0.00	30.01 3.91 0.00	32.97 4.17 0.00	35.36 4.58 0.00	36.52 4.57 0.00	39.27 5.18 0.00	41.31 5.39 0.00	41.65 5.40 0.00	43.88 5.59 0.00	45.35 5.64 0.00	49.09 5.92 0.00	56.47 7.06 0.00	68.16 9.75 0.00	60.63 9.16 0.00	55.56 8.55 0.00	50.10 8.07 0.00	46.05 7.16 0.00	40.65 5.76 0.00	36.18 4.72 0.00
MENANDS___115KV_TB5 355628	29.09 0.78 -1.38	26.17 0.71 -1.82	24.42 0.67 -1.28	22.65 0.65 -1.19	22.76 0.65 -1.08	25.06 0.75 0.00	26.85 0.76 0.00	29.60 0.81 0.00	31.72 0.95 0.00	32.97 1.02 0.00	35.08 0.99 0.00	37.00 1.08 0.00	37.30 1.05 0.00	39.36 1.07 0.00	40.82 1.11 0.00	44.51 1.34 0.00	51.13 1.73 0.00	60.51 2.10 0.00	53.37 1.90 0.00	48.70 1.69 0.00	43.50 1.47 0.00	40.14 1.24 0.00	35.80 0.91 0.00	32.28 0.82 0.00
MG INDUSTRY___DRP 24185	29.22 0.83 -1.46	26.32 0.76 -1.93	24.54 0.72 -1.36	22.74 0.67 -1.26	22.87 0.69 -1.14	25.09 0.78 0.00	26.88 0.78 0.00	29.57 0.78 0.00	31.60 0.83 0.00	32.78 0.83 0.00	34.84 0.75 0.00	36.75 0.83 0.00	37.01 0.76 0.00	39.10 0.80 0.00	40.55 0.83 0.00	44.21 1.04 0.00	50.84 1.43 0.00	60.22 1.81 0.00	53.22 1.75 0.00	48.60 1.60 0.00	43.50 1.47 0.00	40.14 1.24 0.00	35.87 0.98 0.00	32.34 0.88 0.00

MID___OSWEGATCHIE_HYD 23849	25.93 -1.00 0.00	22.76 -0.87 0.00	21.66 -0.81 0.00	20.07 -0.75 0.00	20.27 -0.76 0.00	23.43 -0.88 0.00	25.31 -0.78 0.00	27.93 -0.86 0.00	29.69 -1.08 0.00	30.67 -1.28 0.00	32.69 -1.40 0.00	34.41 -1.51 0.00	34.69 -1.56 0.00	36.72 -1.57 0.00	37.92 -1.79 0.00	41.28 -1.90 0.00	41.89 -2.62 4.90	55.60 -2.80 0.00	48.99 -2.47 0.00	45.12 -1.88 0.00	40.60 -1.43 0.00	37.84 -1.05 0.00	33.77 -1.12 0.00	30.42 -1.04 0.00
MID___RAQUETTE_HYD 23851	25.72 -1.21 0.00	22.60 -1.04 0.00	21.52 -0.94 0.00	19.92 -0.90 0.00	20.13 -0.90 0.00	23.31 -1.00 0.00	25.21 -0.89 0.00	27.79 -1.01 0.00	29.60 -1.17 0.00	30.45 -1.50 0.00	32.45 -1.64 0.00	34.16 -1.76 0.00	34.44 -1.81 0.00	36.30 -1.99 0.00	37.45 -2.26 0.00	40.67 -2.50 0.00	38.63 -3.66 7.12	54.14 -4.26 0.00	47.65 -3.81 0.01	43.76 -3.24 0.00	39.51 -2.52 0.00	37.06 -1.83 0.00	33.32 -1.57 0.00	30.17 -1.29 0.00
MILLIKEN___1 23584	27.52 0.59 0.00	24.16 0.52 0.00	22.87 0.40 0.00	21.17 0.35 0.00	21.39 0.36 0.00	24.65 0.34 0.00	26.41 0.31 0.00	29.31 0.52 0.00	31.05 0.28 0.00	32.37 0.42 0.00	34.77 0.68 0.00	36.64 0.72 0.00	36.98 0.73 0.00	39.40 1.11 0.00	40.82 1.11 0.00	44.13 0.95 0.00	50.51 1.24 0.13	60.04 1.64 0.00	52.96 1.49 0.00	48.60 1.60 0.00	43.55 1.51 0.00	40.33 1.44 0.00	36.08 1.19 0.00	32.22 0.76 0.00
MILLIKEN___2 23585	27.52 0.59 0.00	24.16 0.52 0.00	22.87 0.40 0.00	21.17 0.35 0.00	21.39 0.36 0.00	24.65 0.34 0.00	26.41 0.31 0.00	29.31 0.52 0.00	31.05 0.28 0.00	32.37 0.42 0.00	34.77 0.68 0.00	36.64 0.72 0.00	36.98 0.73 0.00	39.40 1.11 0.00	40.82 1.11 0.00	44.13 0.95 0.00	50.51 1.24 0.13	60.04 1.64 0.00	52.96 1.49 0.00	48.60 1.60 0.00	43.55 1.51 0.00	40.33 1.44 0.00	36.08 1.19 0.00	32.22 0.76 0.00
MILLIKEN___DIESEL 23629	27.52 0.59 0.00	24.16 0.52 0.00	22.87 0.40 0.00	21.17 0.35 0.00	21.39 0.36 0.00	24.65 0.34 0.00	26.41 0.31 0.00	29.31 0.52 0.00	31.05 0.28 0.00	32.37 0.42 0.00	34.77 0.68 0.00	36.64 0.72 0.00	36.98 0.73 0.00	39.40 1.11 0.00	40.82 1.11 0.00	44.13 0.95 0.00	50.51 1.24 0.13	60.04 1.64 0.00	52.96 1.49 0.00	48.60 1.60 0.00	43.55 1.51 0.00	40.33 1.44 0.00	36.08 1.19 0.00	32.22 0.76 0.00
MILLSEAT___LFGE 323607	27.36 0.43 0.00	23.57 -0.07 0.00	22.37 -0.09 0.00	20.55 -0.27 0.00	20.80 -0.23 0.00	23.97 -0.34 0.00	24.93 -1.17 0.00	27.93 -0.86 0.00	29.48 -1.29 0.00	31.28 -0.67 0.00	34.47 0.38 0.00	36.18 0.25 0.00	36.66 0.40 0.00	39.33 1.03 0.00	40.75 1.03 0.00	43.09 -0.09 0.00	49.26 -0.15 0.00	57.83 -0.58 0.00	51.32 -0.15 0.00	47.10 0.09 0.00	42.79 0.76 0.00	39.83 0.93 0.00	36.04 1.15 0.00	31.74 0.28 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	32.29 1.67 -3.69	29.93 1.42 -4.87	27.24 1.35 -3.42	25.22 1.23 -3.18	25.16 1.24 -2.89	25.84 1.53 0.00	27.87 1.77 0.00	30.72 1.93 0.00	33.02 2.25 0.00	34.28 2.33 0.00	36.44 2.35 0.00	38.40 2.48 0.00	38.75 2.50 0.00	40.97 2.68 0.00	42.61 2.90 0.00	46.59 3.41 0.00	53.55 4.15 0.00	63.31 4.91 0.00	55.58 4.12 0.00	50.44 3.43 0.00	44.81 2.77 0.00	41.26 2.37 0.00	36.91 2.02 0.00	33.41 1.95 0.00
MILLWOOD_13_KV_LOAD 356217	32.42 1.80 -3.69	30.04 1.54 -4.87	27.33 1.44 -3.42	25.31 1.31 -3.18	25.24 1.32 -2.89	25.96 1.65 0.00	27.97 1.88 0.00	30.87 2.07 0.00	33.17 2.40 0.00	34.44 2.49 0.00	36.61 2.52 0.00	38.58 2.66 0.00	38.94 2.68 0.00	41.20 2.91 0.00	42.81 3.10 0.00	46.89 3.71 0.00	53.95 4.55 0.00	63.72 5.31 0.00	55.94 4.48 0.00	50.76 3.76 0.00	45.06 3.03 0.00	41.46 2.57 0.00	37.09 2.20 0.00	33.57 2.11 0.00
MODEL_CITY_ENERGY 24167	26.64 -0.30 0.00	22.91 -0.73 0.00	21.79 -0.67 0.00	20.03 -0.79 0.00	20.25 -0.78 0.00	23.29 -1.02 0.00	24.14 -1.96 0.00	26.98 -1.81 0.00	28.46 -2.31 0.00	30.26 -1.69 0.00	33.44 -0.65 0.00	35.06 -0.86 0.00	35.53 -0.72 0.00	38.10 -0.19 0.00	39.44 -0.28 0.00	41.63 -1.55 0.00	47.63 -1.78 0.00	55.72 -2.69 0.00	49.46 -2.01 0.00	45.46 -1.55 0.00	41.24 -0.80 0.00	38.43 -0.46 0.00	34.93 0.03 0.00	30.83 -0.63 0.00
MODERN_LFGE___ 323580	26.64 -0.30 0.00	22.91 -0.73 0.00	21.79 -0.67 0.00	20.03 -0.79 0.00	20.25 -0.78 0.00	23.29 -1.02 0.00	24.14 -1.96 0.00	26.98 -1.81 0.00	28.46 -2.31 0.00	30.26 -1.69 0.00	33.44 -0.65 0.00	35.06 -0.86 0.00	35.53 -0.72 0.00	38.10 -0.19 0.00	39.44 -0.28 0.00	41.63 -1.55 0.00	47.63 -1.78 0.00	55.72 -2.69 0.00	49.46 -2.01 0.00	45.46 -1.55 0.00	41.24 -0.80 0.00	38.43 -0.46 0.00	34.93 0.03 0.00	30.83 -0.63 0.00
MOHAWK_PAPER___DRP 24187	29.28 0.97 -1.38	26.33 0.87 -1.82	24.57 0.83 -1.28	22.77 0.77 -1.19	22.89 0.78 -1.08	25.21 0.90 0.00	27.04 0.94 0.00	29.77 0.98 0.00	31.94 1.17 0.00	33.16 1.21 0.00	35.32 1.23 0.00	37.22 1.29 0.00	37.56 1.31 0.00	39.63 1.34 0.00	41.10 1.39 0.00	44.82 1.64 0.00	51.48 2.07 0.00	60.98 2.57 0.00	53.78 2.32 0.00	49.12 2.12 0.00	43.88 1.85 0.00	40.45 1.56 0.00	36.08 1.19 0.00	32.53 1.07 0.00
MOHICAN___35_KV_115KV_LD 80490	30.19 1.97 -1.29	27.05 1.70 -1.71	25.24 1.57 -1.20	23.37 1.44 -1.12	23.52 1.47 -1.01	26.01 1.70 0.00	27.92 1.83 0.00	30.69 1.90 0.00	33.02 2.25 0.00	34.28 2.33 0.00	36.27 2.18 0.00	38.29 2.37 0.00	38.61 2.36 0.00	40.44 2.14 0.00	41.86 2.14 0.00	45.68 2.50 0.00	52.47 3.06 0.00	62.61 4.21 0.00	55.79 4.32 0.00	51.00 4.00 0.00	46.11 4.08 0.00	42.35 3.46 0.00	37.58 2.69 0.00	33.70 2.23 0.00
MONGAUP___HYD 23641	16.29 1.16 11.80	8.96 0.92 15.59	12.42 0.92 10.96	11.49 0.85 10.18	12.65 0.86 9.24	25.55 1.24 0.00	27.45 1.36 0.00	30.23 1.44 0.00	32.46 1.69 0.00	33.61 1.66 0.00	35.72 1.64 0.00	37.61 1.69 0.00	38.03 1.78 0.00	40.21 1.91 0.00	41.74 2.02 0.00	45.59 2.42 0.00	52.47 3.06 0.00	62.20 3.79 0.00	54.81 3.34 0.00	49.87 2.87 0.00	44.47 2.44 0.00	41.23 2.33 0.00	36.70 1.81 0.00	33.16 1.70 0.00
MONTAUK___DIESEL 23721	37.87 3.55 -7.39	34.66 2.98 -8.05	32.14 2.83 -6.85	29.74 2.62 -6.30	26.50 2.67 -2.80	30.88 3.16 -3.41	29.49 3.39 0.00	35.84 3.89 -3.16	37.05 3.94 -2.34	37.73 4.31 -1.47	37.91 3.82 0.00	39.98 4.06 0.00	40.71 4.46 0.00	43.12 4.82 0.00	45.23 5.52 0.00	49.52 6.35 0.00	58.46 9.04 -0.01	69.46 11.04 -0.01	60.79 9.32 -0.01	54.29 7.29 0.00	48.13 6.09 0.00	47.31 5.37 -3.05	38.44 3.56 0.01	35.39 3.93 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	28.25 1.32 0.00	24.75 1.11 0.00	23.21 0.74 0.00	21.53 0.71 0.00	21.75 0.72 0.00	24.74 0.44 0.00	26.15 0.05 0.00	29.20 0.40 0.00	30.80 0.03 0.00	32.46 0.51 0.00	35.90 1.81 0.00	37.47 1.54 0.00	38.21 1.96 0.00	41.17 2.87 0.00	42.49 2.78 0.00	44.95 1.77 -0.01	51.33 1.93 0.00	59.99 1.58 -0.01	53.17 1.70 0.00	48.70 1.69 0.00	43.63 1.60 0.00	40.96 2.06 0.00	36.95 2.06 0.00	32.72 1.26 0.00

MORTIMER_115KV_TB3 55949	26.98 0.05 0.00	23.69 0.05 0.00	22.33 -0.13 0.00	20.69 -0.12 0.00	20.88 -0.15 0.00	23.80 -0.51 0.00	25.05 -1.04 0.00	28.04 -0.75 0.00	29.63 -1.14 0.00	31.15 -0.80 0.00	33.88 -0.20 0.00	35.53 -0.40 0.00	36.03 -0.22 0.00	38.60 0.31 0.00	39.99 0.28 0.00	42.66 -0.52 0.00	48.76 -0.64 0.00	57.41 -0.99 0.00	50.75 -0.72 0.00	46.53 -0.47 0.00	41.78 -0.25 0.00	39.09 0.19 0.00	35.00 0.10 0.00	31.21 -0.25 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	32.41 1.91 -3.57	29.98 1.63 -4.72	27.31 1.53 -3.32	25.27 1.37 -3.08	25.21 1.39 -2.80	26.03 1.73 0.00	28.11 2.01 0.00	31.07 2.27 0.00	33.39 2.62 0.00	34.70 2.75 0.00	36.88 2.80 0.00	38.83 2.91 0.00	39.15 2.90 0.00	41.36 3.06 0.00	43.05 3.34 0.00	47.15 3.97 0.00	54.15 4.74 0.00	64.01 5.61 0.00	56.15 4.68 0.00	50.91 3.90 0.00	45.10 3.07 0.00	41.54 2.64 0.00	37.23 2.34 0.00	33.73 2.27 0.00
MUNSVILLE_WIND_PWR 323609	30.03 3.10 0.00	26.19 2.55 0.00	24.84 2.38 0.00	23.09 2.27 0.00	23.30 2.27 0.00	26.93 2.63 0.00	29.20 3.10 0.00	32.51 3.72 0.00	34.06 3.29 0.00	35.53 3.58 0.00	38.18 4.09 0.00	40.09 4.17 0.00	40.38 4.13 0.00	43.46 5.17 0.00	44.99 5.28 0.00	49.05 5.87 0.00	56.20 6.92 0.12	67.99 9.58 0.00	59.75 8.29 0.00	55.65 8.65 0.00	50.32 8.28 0.00	46.28 7.39 0.00	40.68 5.79 0.00	35.96 4.50 0.00
N SALMON___HYD 24042	26.58 -0.35 0.00	23.40 -0.24 0.00	22.24 -0.22 0.00	20.61 -0.21 0.00	20.82 -0.21 0.00	24.16 -0.14 0.00	26.15 0.05 0.00	28.88 0.09 0.00	30.83 0.06 0.00	31.25 -0.70 0.00	33.17 -0.92 0.00	34.92 -1.01 0.00	35.13 -1.12 0.00	37.03 -1.26 0.00	38.36 -1.35 0.00	41.53 -1.64 0.00	43.97 -2.42 3.01	55.49 -2.92 0.00	48.68 -2.78 0.01	44.84 -2.16 0.00	40.52 -1.51 0.00	37.18 -1.71 0.00	34.16 -0.73 0.00	31.34 -0.13 0.00
N.AKRON__115KV_KNAPP 355671	27.39 0.46 0.00	24.06 0.43 0.00	22.58 0.11 0.00	20.94 0.12 0.00	21.11 0.08 0.00	23.92 -0.39 0.00	24.95 -1.15 0.00	28.02 -0.78 0.00	29.48 -1.29 0.00	30.90 -1.05 0.00	33.99 -0.10 0.00	35.50 -0.43 0.00	36.11 -0.15 0.00	38.91 0.61 0.00	40.31 0.60 0.00	42.53 -0.65 0.00	48.62 -0.79 0.00	57.07 -1.34 0.00	50.59 -0.87 0.00	46.49 -0.52 0.00	41.74 -0.29 0.00	39.36 0.47 0.00	35.35 0.45 0.00	31.40 -0.06 0.00
N.BELMOR_69_KV_BK1 55787	36.69 2.37 -7.39	33.72 2.03 -8.05	31.22 1.91 -6.85	28.87 1.75 -6.30	25.58 1.75 -2.80	29.86 2.14 -3.41	28.47 2.37 0.00	34.63 2.68 -3.16	36.15 3.05 -2.34	36.61 3.20 -1.47	36.85 2.76 0.00	38.87 2.95 0.00	39.41 3.15 0.00	41.62 3.33 0.00	43.48 3.77 0.00	47.49 4.32 0.00	54.84 5.43 0.00	65.01 6.60 0.00	56.97 5.51 0.00	51.28 4.28 0.00	45.69 3.66 0.00	42.12 3.23 0.00	37.36 2.48 0.00	34.10 2.64 0.00
N.E_GEN_SANDY PD 24062	30.32 1.18 -2.21	27.55 0.99 -2.92	25.53 1.01 -2.05	23.66 0.94 -1.90	23.71 0.95 -1.73	25.30 1.00 0.00	27.19 1.10 0.00	30.12 1.33 0.00	31.99 1.54 0.32	33.89 1.63 -0.32	35.66 1.57 0.00	37.54 1.62 0.00	37.92 1.67 0.00	40.02 1.72 0.00	41.50 1.79 0.00	45.25 2.07 0.00	52.12 2.72 0.00	61.50 3.09 0.00	54.24 2.78 0.00	49.40 2.40 0.00	43.97 1.93 0.00	40.72 1.83 0.00	36.22 1.33 0.00	32.78 1.32 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	32.94 1.54 -4.47	30.87 1.32 -5.91	27.87 1.26 -4.15	25.84 1.17 -3.86	25.71 1.18 -3.50	25.77 1.46 0.00	27.77 1.67 0.00	30.58 1.79 0.00	32.83 2.06 0.00	34.09 2.14 0.00	36.24 2.15 0.00	38.19 2.26 0.00	38.57 2.32 0.00	40.74 2.45 0.00	42.37 2.66 0.00	46.37 3.19 0.00	53.26 3.85 0.00	62.90 4.50 0.00	55.27 3.81 0.00	50.11 3.10 0.00	44.60 2.56 0.00	41.11 2.22 0.00	36.81 1.92 0.00	33.32 1.86 0.00
N.QUEENS_27_KV_LOAD 356247	32.76 2.26 -3.57	30.29 1.94 -4.72	27.62 1.84 -3.32	25.54 1.64 -3.08	25.47 1.64 -2.80	26.28 1.97 0.00	28.39 2.30 0.00	31.24 2.45 0.00	33.59 2.83 0.01	34.94 3.00 0.02	37.12 3.03 0.00	38.90 2.98 0.00	39.19 2.94 0.00	41.39 3.10 0.00	43.13 3.42 0.00	47.07 3.89 -0.01	54.24 4.84 0.01	64.13 5.72 0.00	56.52 5.04 -0.01	51.27 4.28 0.01	45.10 3.07 0.00	41.46 2.57 0.00	37.23 2.34 0.00	34.07 2.61 0.00
N.TROY___115KV_TB1 355778	29.47 1.16 -1.38	26.48 1.02 -1.82	24.73 0.99 -1.28	22.92 0.92 -1.19	23.04 0.93 -1.08	25.40 1.09 0.00	27.22 1.12 0.00	30.00 1.21 0.00	32.15 1.38 0.00	33.42 1.47 0.00	35.55 1.47 0.00	37.47 1.54 0.00	37.81 1.56 0.00	39.86 1.57 0.00	41.30 1.59 0.00	45.03 1.86 0.00	51.78 2.37 0.00	61.27 2.86 0.00	54.14 2.68 0.00	49.45 2.44 0.00	44.22 2.19 0.00	40.76 1.87 0.00	36.36 1.47 0.00	32.75 1.29 0.00
NARROWS_GT1_1 24228	32.66 2.16 -3.58	30.18 1.82 -4.72	27.52 1.73 -3.32	25.47 1.56 -3.09	25.39 1.56 -2.80	26.08 1.77 0.00	28.22 2.11 -0.01	31.30 2.50 0.00	35.86 2.89 -2.20	37.19 3.04 -2.20	36.98 2.90 0.00	38.80 2.87 0.00	39.30 3.05 0.00	41.51 3.22 0.00	43.24 3.53 0.00	62.41 4.15 -15.09	59.63 4.94 -5.29	64.13 5.73 0.01	76.85 4.89 -20.50	59.63 4.09 -8.54	45.05 3.03 0.01	41.72 2.84 0.01	37.19 2.30 0.00	34.08 2.61 -0.01
NARROWS_GT1_2 24229	32.66 2.16 -3.58	30.18 1.82 -4.72	27.52 1.73 -3.32	25.47 1.56 -3.09	25.39 1.56 -2.80	26.08 1.77 0.00	28.22 2.11 -0.01	31.30 2.50 0.00	35.86 2.89 -2.20	37.19 3.04 -2.20	36.98 2.90 0.00	38.80 2.87 0.00	39.30 3.05 0.00	41.51 3.22 0.00	43.24 3.53 0.00	62.41 4.15 -15.09	59.63 4.94 -5.29	64.13 5.73 0.01	76.85 4.89 -20.50	59.63 4.09 -8.54	45.05 3.03 0.01	41.72 2.84 0.01	37.19 2.30 0.00	34.08 2.61 -0.01
NARROWS_GT1_3 24230	32.66 2.16 -3.58	30.18 1.82 -4.72	27.52 1.73 -3.32	25.47 1.56 -3.09	25.39 1.56 -2.80	26.08 1.77 0.00	28.22 2.11 -0.01	31.30 2.50 0.00	35.86 2.89 -2.20	37.19 3.04 -2.20	36.98 2.90 0.00	38.80 2.87 0.00	39.30 3.05 0.00	41.51 3.22 0.00	43.24 3.53 0.00	62.41 4.15 -15.09	59.63 4.94 -5.29	64.13 5.73 0.01	76.85 4.89 -20.50	59.63 4.09 -8.54	45.05 3.03 0.01	41.72 2.84 0.01	37.19 2.30 0.00	34.08 2.61 -0.01
NARROWS_GT1_4 24231	32.66 2.16 -3.58	30.18 1.82 -4.72	27.52 1.73 -3.32	25.47 1.56 -3.09	25.39 1.56 -2.80	26.08 1.77 0.00	28.22 2.11 -0.01	31.30 2.50 0.00	35.86 2.89 -2.20	37.19 3.04 -2.20	36.98 2.90 0.00	38.80 2.87 0.00	39.30 3.05 0.00	41.51 3.22 0.00	43.24 3.53 0.00	62.41 4.15 -15.09	59.63 4.94 -5.29	64.13 5.73 0.01	76.85 4.89 -20.50	59.63 4.09 -8.54	45.05 3.03 0.01	41.72 2.84 0.01	37.19 2.30 0.00	34.08 2.61 -0.01
NARROWS_GT1_5 24232	32.66 2.16 -3.58	30.18 1.82 -4.72	27.52 1.73 -3.32	25.47 1.56 -3.09	25.39 1.56 -2.80	26.08 1.77 0.00	28.22 2.11 -0.01	31.30 2.50 0.00	35.86 2.89 -2.20	37.19 3.04 -2.20	36.98 2.90 0.00	38.80 2.87 0.00	39.30 3.05 0.00	41.51 3.22 0.00	43.24 3.53 0.00	62.41 4.15 -15.09	59.63 4.94 -5.29	64.13 5.73 0.01	76.85 4.89 -20.50	59.63 4.09 -8.54	45.05 3.03 0.01	41.72 2.84 0.01	37.19 2.30 0.00	34.08 2.61 -0.01

NARROWS_GT1_6 24233	32.66 2.16 -3.58	30.18 1.82 -4.72	27.52 1.73 -3.32	25.47 1.56 -3.09	25.39 1.56 -2.80	26.08 1.77 0.00	28.22 2.11 -0.01	31.30 2.50 0.00	35.86 2.89 -2.20	37.19 3.04 -2.20	36.98 2.90 0.00	38.80 2.87 0.00	39.30 3.05 0.00	41.51 3.22 0.00	43.24 3.53 0.00	62.41 4.15 -15.09	59.63 4.94 -5.29	64.13 5.73 0.01	76.85 4.89 -20.50	59.63 4.09 -8.54	45.05 3.03 0.01	41.72 2.84 0.01	37.19 2.30 0.00	34.08 2.61 -0.01
NARROWS_GT1_7 24234	32.66 2.16 -3.58	30.18 1.82 -4.72	27.52 1.73 -3.32	25.47 1.56 -3.09	25.39 1.56 -2.80	26.08 1.77 0.00	28.22 2.11 -0.01	31.30 2.50 0.00	35.86 2.89 -2.20	37.19 3.04 -2.20	36.98 2.90 0.00	38.80 2.87 0.00	39.30 3.05 0.00	41.51 3.22 0.00	43.24 3.53 0.00	62.41 4.15 -15.09	59.63 4.94 -5.29	64.13 5.73 0.01	76.85 4.89 -20.50	59.63 4.09 -8.54	45.05 3.03 0.01	41.72 2.84 0.01	37.19 2.30 0.00	34.08 2.61 -0.01
NARROWS_GT1_8 24235	32.66 2.16 -3.58	30.18 1.82 -4.72	27.52 1.73 -3.32	25.47 1.56 -3.09	25.39 1.56 -2.80	26.08 1.77 0.00	28.22 2.11 -0.01	31.30 2.50 0.00	35.86 2.89 -2.20	37.19 3.04 -2.20	36.98 2.90 0.00	38.80 2.87 0.00	39.30 3.05 0.00	41.51 3.22 0.00	43.24 3.53 0.00	62.41 4.15 -15.09	59.63 4.94 -5.29	64.13 5.73 0.01	76.85 4.89 -20.50	59.63 4.09 -8.54	45.05 3.03 0.01	41.72 2.84 0.01	37.19 2.30 0.00	34.08 2.61 -0.01
NARROWS_GT2_1 24236	32.66 2.16 -3.58	30.18 1.82 -4.72	27.52 1.73 -3.32	25.47 1.56 -3.09	25.39 1.56 -2.80	26.08 1.77 0.00	28.22 2.11 -0.01	31.30 2.50 0.00	35.86 2.89 -2.20	37.19 3.04 -2.20	36.98 2.90 0.00	38.80 2.87 0.00	39.30 3.05 0.00	41.51 3.22 0.00	43.24 3.53 0.00	62.41 4.15 -15.09	59.63 4.94 -5.29	64.13 5.73 0.01	76.85 4.89 -20.50	59.63 4.09 -8.54	45.05 3.03 0.01	41.72 2.84 0.01	37.19 2.30 0.00	34.08 2.61 -0.01
NARROWS_GT2_2 24237	32.66 2.16 -3.58	30.18 1.82 -4.72	27.52 1.73 -3.32	25.47 1.56 -3.09	25.39 1.56 -2.80	26.08 1.77 0.00	28.22 2.11 -0.01	31.30 2.50 0.00	35.86 2.89 -2.20	37.19 3.04 -2.20	36.98 2.90 0.00	38.80 2.87 0.00	39.30 3.05 0.00	41.51 3.22 0.00	43.24 3.53 0.00	62.41 4.15 -15.09	59.63 4.94 -5.29	64.13 5.73 0.01	76.85 4.89 -20.50	59.63 4.09 -8.54	45.05 3.03 0.01	41.72 2.84 0.01	37.19 2.30 0.00	34.08 2.61 -0.01
NARROWS_GT2_3 24238	32.66 2.16 -3.58	30.18 1.82 -4.72	27.52 1.73 -3.32	25.47 1.56 -3.09	25.39 1.56 -2.80	26.08 1.77 0.00	28.22 2.11 -0.01	31.30 2.50 0.00	35.86 2.89 -2.20	37.19 3.04 -2.20	36.98 2.90 0.00	38.80 2.87 0.00	39.30 3.05 0.00	41.51 3.22 0.00	43.24 3.53 0.00	62.41 4.15 -15.09	59.63 4.94 -5.29	64.13 5.73 0.01	76.85 4.89 -20.50	59.63 4.09 -8.54	45.05 3.03 0.01	41.72 2.84 0.01	37.19 2.30 0.00	34.08 2.61 -0.01
NARROWS_GT2_4 24239	32.66 2.16 -3.58	30.18 1.82 -4.72	27.52 1.73 -3.32	25.47 1.56 -3.09	25.39 1.56 -2.80	26.08 1.77 0.00	28.22 2.11 -0.01	31.30 2.50 0.00	35.86 2.89 -2.20	37.19 3.04 -2.20	36.98 2.90 0.00	38.80 2.87 0.00	39.30 3.05 0.00	41.51 3.22 0.00	43.24 3.53 0.00	62.41 4.15 -15.09	59.63 4.94 -5.29	64.13 5.73 0.01	76.85 4.89 -20.50	59.63 4.09 -8.54	45.05 3.03 0.01	41.72 2.84 0.01	37.19 2.30 0.00	34.08 2.61 -0.01
NARROWS_GT2_5 24240	32.66 2.16 -3.58	30.18 1.82 -4.72	27.52 1.73 -3.32	25.47 1.56 -3.09	25.39 1.56 -2.80	26.08 1.77 0.00	28.22 2.11 -0.01	31.30 2.50 0.00	35.86 2.89 -2.20	37.19 3.04 -2.20	36.98 2.90 0.00	38.80 2.87 0.00	39.30 3.05 0.00	41.51 3.22 0.00	43.24 3.53 0.00	62.41 4.15 -15.09	59.63 4.94 -5.29	64.13 5.73 0.01	76.85 4.89 -20.50	59.63 4.09 -8.54	45.05 3.03 0.01	41.72 2.84 0.01	37.19 2.30 0.00	34.08 2.61 -0.01
NARROWS_GT2_6 24241	32.66 2.16 -3.58	30.18 1.82 -4.72	27.52 1.73 -3.32	25.47 1.56 -3.09	25.39 1.56 -2.80	26.08 1.77 0.00	28.22 2.11 -0.01	31.30 2.50 0.00	35.86 2.89 -2.20	37.19 3.04 -2.20	36.98 2.90 0.00	38.80 2.87 0.00	39.30 3.05 0.00	41.51 3.22 0.00	43.24 3.53 0.00	62.41 4.15 -15.09	59.63 4.94 -5.29	64.13 5.73 0.01	76.85 4.89 -20.50	59.63 4.09 -8.54	45.05 3.03 0.01	41.72 2.84 0.01	37.19 2.30 0.00	34.08 2.61 -0.01
NARROWS_GT2_7 24242	32.66 2.16 -3.58	30.18 1.82 -4.72	27.52 1.73 -3.32	25.47 1.56 -3.09	25.39 1.56 -2.80	26.08 1.77 0.00	28.22 2.11 -0.01	31.30 2.50 0.00	35.86 2.89 -2.20	37.19 3.04 -2.20	36.98 2.90 0.00	38.80 2.87 0.00	39.30 3.05 0.00	41.51 3.22 0.00	43.24 3.53 0.00	62.41 4.15 -15.09	59.63 4.94 -5.29	64.13 5.73 0.01	76.85 4.89 -20.50	59.63 4.09 -8.54	45.05 3.03 0.01	41.72 2.84 0.01	37.19 2.30 0.00	34.08 2.61 -0.01
NARROWS_GT2_8 24243	32.66 2.16 -3.58	30.18 1.82 -4.72	27.52 1.73 -3.32	25.47 1.56 -3.09	25.39 1.56 -2.80	26.08 1.77 0.00	28.22 2.11 -0.01	31.30 2.50 0.00	35.86 2.89 -2.20	37.19 3.04 -2.20	36.98 2.90 0.00	38.80 2.87 0.00	39.30 3.05 0.00	41.51 3.22 0.00	43.24 3.53 0.00	62.41 4.15 -15.09	59.63 4.94 -5.29	64.13 5.73 0.01	76.85 4.89 -20.50	59.63 4.09 -8.54	45.05 3.03 0.01	41.72 2.84 0.01	37.19 2.30 0.00	34.08 2.61 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	29.95 1.29 -1.73	27.06 1.13 -2.28	25.19 1.12 -1.61	23.35 1.04 -1.49	23.48 1.09 -1.35	25.50 1.19 0.00	27.32 1.23 0.00	29.89 1.09 0.00	31.91 1.14 0.00	32.94 0.99 0.00	35.01 0.92 0.00	36.89 0.97 0.00	37.23 0.98 0.00	39.25 0.96 0.00	40.70 0.99 0.00	44.47 1.30 0.00	51.18 1.78 0.00	60.92 2.51 0.00	53.99 2.52 0.00	49.40 2.40 0.00	44.35 2.31 0.00	40.84 1.94 0.00	36.43 1.54 0.00	32.81 1.35 0.00
NCHELSEA_115KV_TR2 355582	32.16 1.75 -3.48	29.70 1.47 -4.60	27.13 1.44 -3.23	25.13 1.31 -3.00	25.08 1.32 -2.72	25.91 1.60 0.00	27.92 1.83 0.00	30.66 1.87 0.00	32.99 2.22 0.00	34.22 2.27 0.00	36.37 2.28 0.00	38.33 2.41 0.00	38.68 2.43 0.00	40.90 2.60 0.00	42.53 2.82 0.00	46.59 3.41 0.00	53.55 4.15 0.00	63.31 4.91 0.00	55.69 4.22 0.00	50.58 3.57 0.00	45.02 2.98 0.00	41.42 2.53 0.00	37.05 2.16 0.00	33.54 2.08 0.00
NEG CAPITAL___MECHNVIL 23645	30.07 1.80 -1.33	26.96 1.56 -1.76	25.14 1.44 -1.24	23.30 1.33 -1.15	23.44 1.37 -1.04	25.81 1.51 0.00	27.74 1.65 0.00	30.61 1.82 0.00	32.86 2.09 0.00	34.12 2.17 0.00	36.27 2.18 0.00	38.29 2.37 0.00	38.64 2.39 0.00	40.67 2.37 0.00	42.09 2.38 0.00	45.90 2.72 0.00	52.77 3.36 0.00	62.73 4.32 0.00	55.58 4.12 0.00	50.77 3.76 0.00	45.60 3.57 0.00	42.04 3.15 0.00	37.30 2.41 0.00	33.57 2.11 0.00
NEG CENTRAL_HIGH_ACRES 23767	26.50 -0.43 0.00	23.05 -0.59 0.00	21.88 -0.58 0.00	20.15 -0.67 0.00	20.38 -0.65 0.00	23.55 -0.75 0.00	24.82 -1.28 0.00	27.67 -1.12 0.00	29.29 -1.48 0.00	30.90 -1.05 0.00	33.58 -0.51 0.00	35.42 -0.50 0.00	35.78 -0.47 0.00	38.22 -0.08 0.00	39.55 -0.16 0.00	42.31 -0.86 0.00	48.36 -1.04 0.00	57.07 -1.34 0.00	50.38 -1.08 0.00	46.16 -0.84 0.00	41.61 -0.42 0.00	38.66 -0.23 0.00	34.75 -0.14 0.00	30.80 -0.66 0.00

NEG CENTRAL___DRP 24199	27.09 0.16 0.00	23.78 0.14 0.00	22.46 0.00 0.00	20.80 -0.02 0.00	21.03 0.00 0.00	24.16 -0.15 0.00	25.78 -0.31 0.00	28.68 -0.12 0.00	30.31 -0.46 0.00	31.69 -0.26 0.00	34.19 0.10 0.00	36.03 0.11 0.00	36.43 0.18 0.00	38.91 0.61 0.00	40.31 0.60 0.00	43.30 0.13 0.00	49.52 0.25 0.13	58.70 0.29 0.00	51.83 0.36 0.00	47.47 0.47 0.00	42.54 0.50 0.00	39.51 0.62 0.00	35.38 0.49 0.00	31.56 0.09 0.00
NEG CENTRAL___INDECK 23768	28.20 1.27 0.00	24.42 0.78 0.00	23.14 0.67 0.00	21.27 0.46 0.00	21.51 0.48 0.00	24.94 0.63 0.00	26.23 0.13 0.00	29.25 0.46 0.00	30.65 -0.12 0.00	32.18 0.23 0.00	34.97 0.88 0.00	36.82 0.90 0.00	36.04 -0.22 0.00	38.45 0.15 0.00	39.83 0.12 0.00	42.57 -0.60 0.00	48.76 -0.64 0.00	57.59 -0.82 0.00	51.41 -0.05 0.00	47.61 0.61 0.00	43.34 1.30 0.00	40.25 1.36 0.00	36.18 1.29 0.00	32.88 1.42 0.00
NEG CENTRAL___SENECA 23627	27.36 0.43 0.00	24.02 0.38 0.00	22.64 0.18 0.00	20.96 0.15 0.00	21.20 0.17 0.00	24.33 0.02 0.00	25.89 -0.21 0.00	28.85 0.06 0.00	30.37 -0.40 0.00	31.82 -0.13 0.00	34.43 0.34 0.00	36.25 0.32 0.00	36.69 0.44 0.00	39.29 1.00 0.00	40.66 0.95 0.00	43.56 0.39 0.00	49.83 0.54 0.12	59.05 0.64 0.00	52.14 0.67 0.00	47.80 0.80 0.00	42.83 0.80 0.00	39.86 0.97 0.00	35.69 0.80 0.00	31.78 0.31 0.00
NEG CENTRAL___STATE_STREET 24147	26.98 0.05 0.00	23.69 0.05 0.00	22.42 -0.04 0.00	20.75 -0.06 0.00	20.99 -0.04 0.00	24.16 -0.15 0.00	25.86 -0.23 0.00	28.68 -0.12 0.00	30.43 -0.34 0.00	31.79 -0.16 0.00	34.16 0.07 0.00	36.03 0.11 0.00	36.40 0.15 0.00	38.79 0.50 0.00	40.23 0.52 0.00	43.35 0.17 0.00	49.56 0.30 0.14	58.87 0.47 0.00	51.88 0.41 0.00	47.52 0.52 0.00	42.58 0.55 0.00	39.44 0.54 0.00	35.34 0.45 0.00	31.56 0.09 0.00
NEG MILLWOOD___DRP 24198	32.29 2.02 -3.34	29.75 1.70 -4.41	27.16 1.59 -3.10	25.15 1.46 -2.88	25.12 1.47 -2.61	26.11 1.80 0.00	28.16 2.06 0.00	30.98 2.19 0.00	33.36 2.58 0.00	34.57 2.62 0.00	36.78 2.69 0.00	38.80 2.87 0.00	39.15 2.90 0.00	41.47 3.18 0.00	43.13 3.42 0.00	47.19 4.02 0.00	54.44 5.04 0.00	64.31 5.90 0.00	56.51 5.04 0.00	51.28 4.28 0.00	45.52 3.49 0.00	41.85 2.96 0.00	37.33 2.44 0.00	33.76 2.30 0.00
NEG NORTH_FLCN_SEA 23793	27.39 0.46 0.00	24.09 0.45 0.00	22.91 0.45 0.00	21.19 0.37 0.00	21.39 0.36 0.00	24.87 0.56 0.00	26.93 0.84 0.00	29.74 0.95 0.00	31.75 0.98 0.00	31.02 -0.93 0.00	32.45 -1.64 0.00	34.16 -1.76 0.00	34.48 -1.78 0.00	36.30 -1.99 0.00	37.57 -2.14 0.00	40.63 -2.55 0.00	44.87 -3.36 1.18	54.32 -4.09 0.00	47.80 -3.65 0.01	43.81 -3.20 0.00	39.68 -2.35 0.00	36.56 -2.33 0.00	34.19 -0.70 0.00	32.34 0.88 0.00
NEG NORTH_KES_CHATEGAY 23792	26.74 -0.19 0.00	23.50 -0.14 0.00	22.35 -0.11 0.00	20.69 -0.12 0.00	20.90 -0.13 0.00	24.26 -0.05 0.00	26.23 0.13 0.00	28.94 0.14 0.00	30.89 0.12 0.00	31.15 -0.80 0.00	33.00 -1.09 0.00	34.74 -1.19 0.00	35.06 -1.20 0.00	36.88 -1.42 0.00	38.16 -1.55 0.00	41.36 -1.81 0.00	45.31 -2.47 1.63	55.43 -2.98 0.00	48.83 -2.62 0.01	44.75 -2.26 0.00	40.39 -1.64 0.00	37.37 -1.52 0.00	34.16 -0.73 0.00	31.46 0.00 0.00
NEG NORTH___ALICE_FALLS 23915	27.28 0.35 0.00	24.02 0.38 0.00	22.82 0.36 0.00	21.11 0.29 0.00	21.32 0.29 0.00	24.77 0.46 0.00	26.85 0.76 0.00	29.66 0.86 0.00	31.66 0.89 0.00	31.25 -0.70 0.00	32.83 -1.26 0.00	34.59 -1.33 0.00	34.87 -1.38 0.00	36.76 -1.53 0.00	38.04 -1.67 0.00	41.15 -2.03 0.00	45.39 -2.77 1.25	54.96 -3.45 0.00	48.42 -3.04 0.01	44.42 -2.59 0.00	40.27 -1.77 0.00	37.10 -1.79 0.00	34.40 -0.49 0.00	32.25 0.79 0.00
NEG NORTH___LWR_SARANAC 23913	27.28 0.35 0.00	24.02 0.38 0.00	22.82 0.36 0.00	21.11 0.29 0.00	21.32 0.29 0.00	24.77 0.46 0.00	26.85 0.76 0.00	29.66 0.86 0.00	31.66 0.89 0.00	31.25 -0.70 0.00	32.83 -1.26 0.00	34.59 -1.33 0.00	34.87 -1.38 0.00	36.76 -1.53 0.00	38.04 -1.67 0.00	41.15 -2.03 0.00	45.39 -2.77 1.25	54.96 -3.45 0.00	48.42 -3.04 0.01	44.42 -2.59 0.00	40.27 -1.77 0.00	37.10 -1.79 0.00	34.40 -0.49 0.00	32.25 0.79 0.00
NEG NORTH___PLATTSBURG 23628	27.23 0.30 0.00	24.02 0.38 0.00	22.78 0.31 0.00	21.11 0.29 0.00	21.30 0.27 0.00	24.77 0.46 0.00	26.85 0.76 0.00	29.66 0.86 0.00	31.66 0.89 0.00	31.22 -0.73 0.00	32.83 -1.26 0.00	34.56 -1.37 0.00	34.76 -1.49 0.00	36.69 -1.61 0.00	38.00 -1.71 0.00	41.15 -2.03 0.00	45.34 -2.81 1.25	54.96 -3.45 0.00	48.22 -3.24 0.01	44.37 -2.63 0.00	40.23 -1.81 0.00	36.75 -2.14 0.00	34.40 -0.49 0.00	32.25 0.79 0.00
NEG WEST_LEA_LOCKPORT 23791	26.93 0.00 0.00	23.66 0.02 0.00	22.22 -0.25 0.00	20.61 -0.21 0.00	20.80 -0.23 0.00	23.46 -0.85 0.00	24.46 -1.64 0.00	27.39 -1.41 0.00	28.80 -1.97 0.00	30.13 -1.82 0.00	33.21 -0.89 0.00	34.67 -1.26 0.00	35.28 -0.98 0.00	37.99 -0.31 0.00	39.36 -0.36 0.00	41.45 -1.73 -0.01	47.43 -1.98 0.00	55.49 -2.92 -0.01	49.15 -2.32 0.00	45.22 -1.79 0.00	40.57 -1.47 0.00	38.31 -0.58 0.00	34.48 -0.42 0.00	30.71 -0.76 0.00
NEG WEST___LANCASTR 23811	27.09 0.16 0.00	23.76 0.12 0.00	22.31 -0.16 0.00	20.69 -0.12 0.00	20.90 -0.13 0.00	23.77 -0.53 0.00	25.05 -1.04 0.00	27.76 -1.04 0.00	29.23 -1.54 0.00	30.80 -1.15 0.00	33.95 -0.14 0.00	35.49 -0.43 0.00	36.15 -0.11 0.00	38.79 0.50 0.00	40.19 0.48 0.00	42.62 -0.56 -0.01	48.81 -0.59 0.00	57.01 -1.40 -0.01	50.75 -0.72 0.00	46.49 -0.52 0.00	41.66 -0.38 0.00	39.09 0.19 0.00	35.31 0.42 0.00	31.40 -0.06 0.00
NEG_PENN_ALLEGHNY 23528	26.92 0.40 0.42	23.30 0.21 0.55	22.26 0.18 0.39	20.58 0.13 0.36	20.85 0.15 0.33	24.48 0.17 0.00	26.15 0.05 0.00	28.94 0.14 0.00	30.77 0.00 0.00	32.18 0.23 0.00	34.70 0.61 0.00	36.57 0.65 0.00	37.02 0.76 0.00	39.33 1.03 0.00	40.74 1.03 0.00	43.99 0.82 0.00	50.39 0.99 0.00	59.46 1.05 0.00	52.50 1.03 0.00	47.99 0.99 0.00	43.08 1.05 0.00	39.94 1.05 0.00	35.80 0.91 0.00	31.96 0.50 0.00
NEG___GEN_MONROE 24207	27.12 0.19 0.00	23.83 0.19 0.00	22.40 -0.07 0.00	20.75 -0.06 0.00	20.93 -0.11 0.00	23.87 -0.44 0.00	25.13 -0.97 0.00	28.10 -0.69 0.00	29.69 -1.08 0.00	31.18 -0.77 0.00	33.92 -0.17 0.00	35.56 -0.36 0.00	36.07 -0.18 0.00	38.71 0.42 0.00	40.15 0.44 0.00	42.79 -0.39 0.00	48.76 -0.64 0.00	57.41 -0.99 0.00	50.85 -0.62 0.00	46.72 -0.28 0.00	41.99 -0.04 0.00	39.36 0.47 0.00	35.24 0.35 0.00	31.46 0.00 0.00
NEPA___ENERGY 23901	27.47 0.54 0.00	24.09 0.45 0.00	22.60 0.13 0.00	20.98 0.17 0.00	21.20 0.17 0.00	24.14 -0.17 0.00	25.45 -0.65 0.00	28.28 -0.52 0.00	29.79 -0.98 0.00	31.38 -0.58 0.00	34.60 0.51 0.00	36.18 0.25 0.00	36.83 0.58 0.00	39.56 1.26 0.00	40.98 1.27 0.00	43.48 0.30 -0.01	49.80 0.40 0.00	58.35 -0.06 -0.01	51.62 0.15 0.00	47.34 0.33 0.00	42.46 0.42 0.00	39.79 0.89 0.00	35.87 0.98 0.00	31.84 0.38 0.00

NEVERSINK___HYD 23608	28.76 0.94 -0.89	25.52 0.71 -1.17	24.01 0.72 -0.82	22.25 0.67 -0.76	22.40 0.67 -0.69	25.13 0.83 0.00	27.06 0.97 0.00	29.83 1.04 0.00	32.06 1.29 0.00	33.20 1.24 0.00	35.31 1.23 0.00	37.14 1.22 0.00	37.59 1.34 0.00	39.75 1.45 0.00	41.30 1.59 0.00	45.29 2.12 0.00	52.07 2.67 0.00	61.62 3.21 0.00	54.19 2.73 0.00	49.31 2.30 0.00	43.88 1.85 0.00	40.56 1.67 0.00	36.11 1.22 0.00	32.63 1.16 0.00
NEWKRMKL_115KV_TB1 55635	28.94 0.65 -1.37	26.03 0.59 -1.81	24.29 0.56 -1.27	22.54 0.54 -1.18	22.65 0.55 -1.07	24.94 0.63 0.00	26.75 0.65 0.00	29.46 0.66 0.00	31.57 0.80 0.00	32.81 0.86 0.00	34.91 0.82 0.00	36.82 0.90 0.00	37.16 0.91 0.00	39.21 0.92 0.00	40.66 0.95 0.00	44.34 1.17 0.00	50.94 1.53 0.00	60.28 1.87 0.00	53.16 1.70 0.00	48.51 1.50 0.00	43.34 1.30 0.00	39.94 1.05 0.00	35.66 0.77 0.00	32.15 0.69 0.00
NEWTON___FALLS_HYD 23847	25.93 -1.00 0.00	22.76 -0.87 0.00	21.66 -0.81 0.00	20.07 -0.75 0.00	20.27 -0.76 0.00	23.43 -0.88 0.00	25.31 -0.78 0.00	27.93 -0.86 0.00	29.69 -1.08 0.00	30.67 -1.28 0.00	32.69 -1.40 0.00	34.41 -1.51 0.00	34.69 -1.56 0.00	36.72 -1.57 0.00	37.92 -1.79 0.00	41.28 -1.90 0.00	41.89 -2.62 4.90	55.60 -2.80 0.00	48.99 -2.47 0.00	45.12 -1.88 0.00	40.60 -1.43 0.00	37.84 -1.05 0.00	33.77 -1.12 0.00	30.42 -1.04 0.00
NGRID_A1_DSASP 323792	25.97 -0.94 0.02	22.34 -1.28 0.02	21.25 -1.19 0.02	19.57 -1.25 0.00	19.77 -1.24 0.02	22.71 -1.58 0.02	23.54 -2.53 0.02	26.29 -2.48 0.02	27.76 -2.98 0.02	29.53 -2.40 0.02	32.66 -1.40 0.02	34.25 -1.65 0.02	34.71 -1.52 0.02	37.24 -1.03 0.02	38.58 -1.11 0.02	40.73 -2.42 0.03	46.66 -2.72 0.02	54.58 -3.80 0.03	48.41 -3.04 0.02	44.39 -2.59 0.02	40.25 -1.76 0.02	37.43 -1.44 0.02	34.03 -0.84 0.02	30.00 -1.45 0.02
NGRID_A2_DSASP 323793	25.97 -0.94 0.02	22.34 -1.28 0.02	21.25 -1.19 0.02	19.57 -1.25 0.00	19.77 -1.24 0.02	22.71 -1.58 0.02	23.54 -2.53 0.02	26.29 -2.48 0.02	27.76 -2.98 0.02	29.53 -2.40 0.02	32.66 -1.40 0.02	34.25 -1.65 0.02	34.71 -1.52 0.02	37.24 -1.03 0.02	38.58 -1.11 0.02	40.73 -2.42 0.03	46.66 -2.72 0.02	54.58 -3.80 0.03	48.41 -3.04 0.02	44.39 -2.59 0.02	40.25 -1.76 0.02	37.43 -1.44 0.02	34.03 -0.84 0.02	30.00 -1.45 0.02
NGRID_A4_DSASP 323807	25.97 -0.94 0.02	22.34 -1.28 0.02	21.25 -1.19 0.02	19.57 -1.25 0.00	19.77 -1.24 0.02	22.71 -1.58 0.02	23.54 -2.53 0.02	26.29 -2.48 0.02	27.76 -2.98 0.02	29.53 -2.40 0.02	32.66 -1.40 0.02	34.25 -1.65 0.02	34.71 -1.52 0.02	37.24 -1.03 0.02	38.58 -1.11 0.02	40.73 -2.42 0.03	46.66 -2.72 0.02	54.58 -3.80 0.03	48.41 -3.04 0.02	44.39 -2.59 0.02	40.25 -1.76 0.02	37.43 -1.44 0.02	34.03 -0.84 0.02	30.00 -1.45 0.02
NIAGARA_115E_LBMP 323715	26.47 -0.46 0.00	22.79 -0.85 0.00	21.66 -0.81 0.00	19.92 -0.89 0.00	20.15 -0.88 0.00	23.14 -1.17 0.00	23.98 -2.11 0.00	26.81 -1.99 0.00	28.25 -2.52 0.00	30.04 -1.92 0.00	33.24 -0.85 0.00	34.81 -1.11 0.00	35.28 -0.98 0.00	37.80 -0.50 0.00	39.12 -0.59 0.00	41.28 -1.90 0.00	47.28 -2.12 0.00	55.31 -3.10 0.00	49.10 -2.37 0.00	45.12 -1.88 0.00	40.90 -1.13 0.00	38.15 -0.74 0.00	34.69 -0.21 0.00	30.61 -0.85 0.00
NIAGARA_115W_LBMP 323714	25.94 -0.97 0.02	22.29 -1.32 0.02	21.21 -1.24 0.02	19.53 -1.29 0.00	19.73 -1.28 0.02	22.68 -1.61 0.02	23.49 -2.58 0.02	26.27 -2.51 0.02	27.73 -3.01 0.02	29.47 -2.46 0.02	32.60 -1.46 0.02	34.18 -1.72 0.02	34.64 -1.59 0.02	37.16 -1.11 0.02	38.46 -1.23 0.02	40.65 -2.51 0.02	46.57 -2.81 0.02	54.47 -3.91 0.02	48.30 -3.14 0.02	44.30 -2.68 0.02	40.16 -1.85 0.02	37.39 -1.48 0.02	33.96 -0.91 0.02	29.93 -1.51 0.02
NIAGARA_230_LBMP 323716	26.50 -0.43 0.00	22.81 -0.83 0.00	21.68 -0.79 0.00	19.94 -0.87 0.00	20.19 -0.84 0.00	23.19 -1.12 0.00	24.03 -2.06 0.00	26.83 -1.96 0.00	28.31 -2.46 0.00	30.06 -1.89 0.00	33.20 -0.89 0.00	34.81 -1.11 0.00	35.27 -0.98 0.00	37.75 -0.54 0.00	39.07 -0.64 0.00	41.32 -1.86 0.00	47.28 -2.12 0.00	55.36 -3.04 0.00	49.10 -2.37 0.00	45.12 -1.88 0.00	40.90 -1.13 0.00	38.15 -0.74 0.00	34.65 -0.24 0.00	30.61 -0.85 0.00
NIAGARA___115KV_198_GIBSON 55903	25.94 -0.97 0.02	22.81 -0.80 0.02	21.43 -1.01 0.02	19.94 -0.87 0.00	20.06 -0.95 0.02	22.61 -1.68 0.02	23.54 -2.53 0.02	26.32 -2.45 0.02	27.73 -3.02 0.02	29.18 -2.75 0.02	32.16 -1.91 0.02	33.57 -2.33 0.02	34.16 -2.07 0.02	36.82 -1.46 0.02	38.14 -1.55 0.02	40.22 -2.94 0.02	46.02 -3.36 0.02	53.89 -4.50 0.02	47.69 -3.76 0.02	43.83 -3.15 0.02	39.24 -2.77 0.02	37.04 -1.83 0.02	33.33 -1.54 0.02	29.68 -1.76 0.02
NIAGARA____ 23760	26.49 -0.43 0.01	22.80 -0.83 0.01	21.67 -0.79 0.01	19.94 -0.87 0.00	20.18 -0.84 0.01	23.18 -1.12 0.01	24.03 -2.06 0.01	26.83 -1.96 0.01	28.30 -2.46 0.01	30.06 -1.89 0.01	33.19 -0.89 0.01	34.80 -1.11 0.01	35.27 -0.98 0.01	37.75 -0.54 0.01	39.07 -0.64 0.01	41.31 -1.86 0.01	47.28 -2.12 0.01	55.36 -3.04 0.01	49.09 -2.37 0.01	45.12 -1.88 0.01	40.89 -1.13 0.01	38.14 -0.74 0.01	34.64 -0.24 0.01	30.60 -0.85 0.01
NINE_MILE_1 23575	25.91 -1.02 0.00	22.81 -0.83 0.00	21.66 -0.81 0.00	20.07 -0.75 0.00	20.25 -0.78 0.00	23.41 -0.90 0.00	25.00 -1.10 0.00	27.53 -1.27 0.00	29.26 -1.51 0.00	30.55 -1.41 0.00	32.76 -1.33 0.00	34.56 -1.37 0.00	34.87 -1.38 0.00	37.03 -1.26 0.00	38.36 -1.35 0.00	41.49 -1.68 0.00	47.53 -1.88 0.00	56.19 -2.22 0.00	49.51 -1.96 0.00	45.31 -1.69 0.00	40.60 -1.43 0.00	37.61 -1.28 0.00	33.70 -1.19 0.00	30.20 -1.26 0.00
NINE_MILE_2 23744	25.91 -1.02 0.00	22.81 -0.83 0.00	21.66 -0.81 0.00	20.07 -0.75 0.00	20.25 -0.78 0.00	23.41 -0.90 0.00	25.00 -1.10 0.00	27.53 -1.27 0.00	29.26 -1.51 0.00	30.55 -1.41 0.00	32.76 -1.33 0.00	34.56 -1.37 0.00	34.87 -1.38 0.00	37.03 -1.26 0.00	38.36 -1.35 0.00	41.49 -1.68 0.00	47.53 -1.88 0.00	56.19 -2.22 0.00	49.51 -1.96 0.00	45.31 -1.69 0.00	40.60 -1.43 0.00	37.61 -1.28 0.00	33.70 -1.19 0.00	30.20 -1.26 0.00
NM_CAPITAL___DRP 24208	28.99 0.67 -1.38	26.10 0.64 -1.83	24.35 0.61 -1.28	22.59 0.58 -1.19	22.70 0.59 -1.08	24.96 0.66 0.00	26.77 0.68 0.00	29.51 0.72 0.00	31.63 0.86 0.00	32.88 0.93 0.00	34.97 0.89 0.00	36.86 0.93 0.00	37.20 0.94 0.00	39.25 0.96 0.00	40.70 0.99 0.00	44.38 1.21 0.00	50.99 1.58 0.00	60.33 1.93 0.00	53.22 1.75 0.00	48.56 1.55 0.00	43.38 1.35 0.00	39.98 1.09 0.00	35.69 0.80 0.00	32.19 0.72 0.00
NM_CENTRAL___DRP 24181	26.55 -0.38 0.00	23.28 -0.35 0.00	22.08 -0.38 0.00	20.46 -0.35 0.00	20.67 -0.36 0.00	23.77 -0.53 0.00	25.42 -0.68 0.00	28.22 -0.58 0.00	30.00 -0.77 0.00	31.31 -0.64 0.00	33.61 -0.48 0.00	35.49 -0.43 0.00	35.78 -0.47 0.00	38.06 -0.23 0.00	39.43 -0.28 0.00	42.57 -0.60 0.00	48.63 -0.59 0.18	57.65 -0.76 0.00	50.80 -0.67 0.00	46.49 -0.52 0.00	41.57 -0.46 0.00	38.58 -0.31 0.00	34.58 -0.31 0.00	30.96 -0.50 0.00

NM_FRONTIER___DRP 24179	25.94 -0.97 0.02	22.81 -0.80 0.02	21.43 -1.01 0.02	19.94 -0.87 0.00	20.06 -0.95 0.02	22.61 -1.68 0.02	23.54 -2.53 0.02	26.32 -2.45 0.02	27.73 -3.02 0.02	29.18 -2.75 0.02	32.16 -1.91 0.02	33.57 -2.33 0.02	34.16 -2.07 0.02	36.82 -1.46 0.02	38.14 -1.55 0.02	40.22 -2.94 0.02	46.02 -3.36 0.02	53.89 -4.50 0.02	47.69 -3.76 0.02	43.83 -3.15 0.02	39.24 -2.77 0.02	37.04 -1.83 0.02	33.33 -1.54 0.02	29.68 -1.76 0.02
NM_ST_REGIS___HYD 24053	25.91 -1.02 0.00	22.79 -0.85 0.00	21.68 -0.79 0.00	20.09 -0.73 0.00	20.29 -0.74 0.00	23.51 -0.80 0.00	25.44 -0.65 0.00	28.04 -0.75 0.00	29.91 -0.86 0.00	30.61 -1.34 0.00	32.59 -1.50 0.00	34.31 -1.62 0.00	34.62 -1.63 0.00	36.45 -1.84 0.00	37.61 -2.10 0.00	40.84 -2.33 0.00	39.72 -3.41 6.27	54.38 -4.03 0.00	47.91 -3.55 0.01	44.00 -3.01 0.00	39.72 -2.31 0.00	37.14 -1.75 0.00	33.50 -1.40 0.00	30.46 -1.01 0.00
NORTHPORT___1 23551	36.55 2.23 -7.39	33.64 1.96 -8.05	31.18 1.86 -6.85	28.83 1.71 -6.30	25.60 1.77 -2.80	29.74 2.02 -3.41	28.36 2.27 0.00	34.63 2.68 -3.16	36.09 2.98 -2.34	36.55 3.13 -1.47	35.86 1.77 0.00	33.88 1.76 3.80	33.89 2.07 4.43	34.43 2.30 6.16	36.43 2.66 5.95	37.90 3.19 8.47	49.32 4.15 4.24	52.02 5.20 11.58	49.10 4.22 6.58	45.67 2.96 4.30	41.33 2.23 2.93	34.26 2.41 7.04	33.69 1.22 2.43	33.16 1.70 0.00
NORTHPORT___2 23552	36.55 2.23 -7.39	33.64 1.96 -8.05	31.18 1.86 -6.85	28.83 1.71 -6.30	25.60 1.77 -2.80	29.74 2.02 -3.41	28.36 2.27 0.00	34.63 2.68 -3.16	36.09 2.98 -2.34	36.55 3.13 -1.47	35.86 1.77 0.00	33.82 1.76 3.86	33.89 2.07 4.43	33.89 2.30 6.70	33.85 2.66 8.52	33.84 3.19 12.53	33.88 4.15 19.67	33.93 5.20 29.67	33.93 4.22 21.76	33.88 2.96 16.09	33.89 2.23 10.37	33.72 2.41 7.58	33.69 1.22 2.43	33.16 1.70 0.00
NORTHPORT___3 23553	35.98 1.67 -7.38	33.15 1.47 -8.05	30.70 1.39 -6.85	28.39 1.27 -6.30	25.11 1.28 -2.80	29.20 1.48 -3.41	27.79 1.70 0.00	34.03 2.07 -3.16	35.48 2.37 -2.34	35.84 2.43 -1.46	35.85 1.77 0.01	33.92 1.87 3.87	33.92 2.10 4.43	33.92 2.34 6.71	33.92 2.74 8.53	33.92 3.28 12.54	33.92 4.20 19.68	33.92 5.20 29.68	33.92 4.22 21.77	33.92 3.01 16.09	33.92 2.27 10.38	34.20 2.37 7.07	33.75 1.29 2.43	33.09 1.63 0.01
NORTHPORT___4 23650	35.98 1.67 -7.38	33.15 1.47 -8.05	30.70 1.39 -6.85	28.39 1.27 -6.30	25.11 1.28 -2.80	29.20 1.48 -3.41	27.79 1.70 0.00	34.03 2.07 -3.16	35.48 2.37 -2.34	35.84 2.43 -1.46	35.85 1.77 0.01	33.92 1.87 3.87	33.92 2.10 4.43	33.92 2.34 6.71	33.92 2.74 8.53	33.92 3.28 12.54	33.92 4.20 19.68	33.92 5.20 29.68	33.92 4.22 21.77	33.92 3.01 16.09	33.92 2.27 10.38	34.20 2.37 7.07	33.75 1.29 2.43	33.09 1.63 0.01
NORTHPORT___IC 23718	36.55 2.24 -7.39	33.69 2.01 -8.05	31.20 1.89 -6.85	28.87 1.75 -6.30	25.62 1.79 -2.80	29.86 2.14 -3.41	28.50 2.40 0.00	34.66 2.71 -3.16	36.12 3.02 -2.34	36.58 3.16 -1.47	35.93 1.84 0.00	33.97 1.90 3.86	33.97 2.14 4.43	33.89 2.30 6.70	33.89 2.70 8.52	33.89 3.24 12.53	33.98 4.25 19.67	33.99 5.26 29.67	34.03 4.32 21.76	33.97 3.06 16.09	34.22 2.56 10.37	33.60 2.29 7.58	33.86 1.40 2.43	33.41 1.95 0.00
NORTH___COUNTRY_ESR 323785	26.64 -0.30 0.00	23.45 -0.19 0.00	22.26 -0.20 0.00	20.65 -0.17 0.00	20.86 -0.17 0.00	24.19 -0.12 0.00	26.15 0.05 0.00	28.85 0.06 0.00	30.83 0.06 0.00	31.12 -0.83 0.00	32.93 -1.16 0.00	34.66 -1.26 0.00	34.91 -1.34 0.00	36.76 -1.53 0.00	38.08 -1.63 0.00	41.32 -1.86 0.00	45.20 -2.57 1.64	55.31 -3.10 0.00	48.63 -2.83 0.01	44.61 -2.40 0.00	40.19 -1.85 0.00	36.91 -1.98 0.00	34.02 -0.87 0.00	31.34 -0.13 0.00
NPX_GEN_1385_PROXY 323591	36.12 1.80 -7.39	33.39 1.70 -8.05	30.93 1.62 -6.85	28.72 1.60 -6.30	25.53 1.70 -2.80	29.62 1.90 -3.41	28.29 2.19 0.00	34.46 2.50 -3.16	35.50 2.71 -2.02	36.64 2.91 -1.78	36.00 1.91 0.00	34.30 2.19 3.81	34.47 2.65 4.43	34.94 2.91 6.26	36.83 3.53 6.41	38.11 4.15 9.21	47.59 5.23 7.05	50.01 6.48 14.88	47.47 5.35 9.35	44.55 3.99 6.45	40.90 3.15 4.29	34.86 3.11 7.14	33.58 1.12 2.43	33.07 1.60 0.00
NPX_GEN_CSC 323557	36.52 2.21 -7.39	33.50 1.82 -8.05	31.04 1.73 -6.85	28.70 1.58 -6.30	25.47 1.64 -2.80	29.57 1.85 -3.41	28.16 2.06 0.00	34.43 2.48 -3.16	35.59 2.80 -2.02	36.70 2.97 -1.78	36.13 2.05 0.00	38.01 2.08 0.00	38.75 2.50 0.00	41.13 2.83 0.00	43.05 3.34 0.00	47.15 3.97 0.00	54.75 5.34 -0.01	65.07 6.66 -0.01	57.04 5.56 -0.01	51.05 4.04 0.00	45.10 3.07 0.00	45.19 3.30 -2.99	36.49 1.61 0.01	33.54 2.08 0.00
NSINS_S_GLNS_FALLS 23858	30.19 1.97 -1.29	27.04 1.70 -1.70	25.21 1.55 -1.20	23.34 1.42 -1.11	23.49 1.45 -1.01	25.98 1.68 0.00	27.92 1.83 0.00	30.66 1.87 0.00	32.99 2.22 0.00	34.25 2.30 0.00	36.27 2.18 0.00	38.29 2.37 0.00	38.57 2.32 0.00	40.40 2.11 0.00	41.82 2.10 0.00	45.59 2.42 0.00	52.42 3.01 0.00	62.55 4.15 0.00	55.74 4.27 0.00	51.00 4.00 0.00	46.11 4.08 0.00	42.35 3.46 0.00	37.54 2.65 0.00	33.66 2.20 0.00
NUCOR_STEEL___DRP 24197	27.01 0.08 0.00	23.73 0.09 0.00	22.49 0.02 0.00	20.82 0.00 0.00	21.03 0.00 0.00	24.19 -0.12 0.00	25.89 -0.21 0.00	28.71 -0.09 0.00	30.43 -0.34 0.00	31.76 -0.19 0.00	34.12 0.03 0.00	35.99 0.07 0.00	36.33 0.07 0.00	38.68 0.38 0.00	40.11 0.40 0.00	43.26 0.09 0.00	49.45 0.20 0.15	58.70 0.29 0.00	51.72 0.26 0.00	47.38 0.38 0.00	42.45 0.42 0.00	39.40 0.51 0.00	35.31 0.42 0.00	31.56 0.09 0.00
NUMBER_THREE_WT_PWR 323818	26.71 -0.22 0.00	23.42 -0.21 0.00	22.26 -0.20 0.00	20.65 -0.17 0.00	20.86 -0.17 0.00	24.11 -0.20 0.00	26.02 -0.08 0.00	28.68 -0.11 0.00	30.46 -0.31 0.00	31.60 -0.35 0.00	33.68 -0.41 0.00	35.49 -0.43 0.00	35.78 -0.47 0.00	37.95 -0.35 0.00	39.31 -0.40 0.00	42.83 -0.35 0.00	46.67 -0.54 2.19	58.23 -0.17 0.00	51.26 -0.21 0.00	47.29 0.28 0.00	42.50 0.46 0.00	39.24 0.35 0.00	34.96 0.07 0.00	31.34 -0.13 0.00
NYISO_LBMP_REFERENCE 24008	26.93 0.00 0.00	23.64 0.00 0.00	22.46 0.00 0.00	20.82 0.00 0.00	21.03 0.00 0.00	24.31 0.00 0.00	26.10 0.00 0.00	28.79 0.00 0.00	30.77 0.00 0.00	31.95 0.00 0.00	34.09 0.00 0.00	35.92 0.00 0.00	36.25 0.00 0.00	38.29 0.00 0.00	39.71 0.00 0.00	43.18 0.00 0.00	49.40 0.00 0.00	58.41 0.00 0.00	51.47 0.00 0.00	47.00 0.00 0.00	42.03 0.00 0.00	38.89 0.00 0.00	34.89 0.00 0.00	31.46 0.00 0.00
NYPA_BRENTWD____GT 24164	36.96 2.64 -7.39	33.90 2.22 -8.05	31.42 2.11 -6.85	29.06 1.94 -6.30	25.81 1.98 -2.80	30.00 2.28 -3.41	28.63 2.53 0.00	34.95 2.99 -3.16	36.46 3.35 -2.34	36.96 3.55 -1.47	36.65 2.56 0.00	38.54 2.62 0.00	39.23 2.97 0.00	41.62 3.29 -0.03	43.32 3.61 0.00	47.41 4.23 0.00	54.50 5.09 0.00	64.72 6.31 0.00	56.72 5.25 0.00	50.81 3.81 0.00	45.31 3.28 0.00	66.83 3.38 -24.55	36.94 2.06 0.01	33.92 2.46 0.00

NYPA_GOWANUS____GT5 24156	32.66 2.16 -3.58	30.18 1.82 -4.72	27.52 1.73 -3.32	25.47 1.56 -3.09	25.39 1.56 -2.80	26.08 1.77 0.00	28.22 2.11 -0.01	31.30 2.50 0.00	35.86 2.89 -2.20	37.19 3.04 -2.20	36.95 2.86 0.00	38.80 2.87 0.00	39.30 3.05 0.00	41.51 3.22 0.00	43.24 3.53 0.00	62.41 4.15 -15.09	59.63 4.94 -5.29	64.13 5.73 0.01	76.85 4.89 -20.50	59.59 4.04 -8.54	45.05 3.03 0.01	41.72 2.84 0.01	37.16 2.27 0.00	34.08 2.61 -0.01
NYPA_GOWANUS____GT6 24157	32.66 2.16 -3.58	30.18 1.82 -4.72	27.52 1.73 -3.32	25.47 1.56 -3.09	25.39 1.56 -2.80	26.08 1.77 0.00	28.22 2.11 -0.01	31.30 2.50 0.00	35.86 2.89 -2.20	37.19 3.04 -2.20	36.95 2.86 0.00	38.80 2.87 0.00	39.30 3.05 0.00	41.51 3.22 0.00	43.24 3.53 0.00	62.41 4.15 -15.09	59.63 4.94 -5.29	64.13 5.73 0.01	76.85 4.89 -20.50	59.59 4.04 -8.54	45.05 3.03 0.01	41.72 2.84 0.01	37.16 2.27 0.00	34.08 2.61 -0.01
NYPA_HARLEM__RVR__GT1 24160	32.69 2.18 -3.58	30.21 1.84 -4.72	27.52 1.73 -3.32	25.46 1.56 -3.08	25.39 1.56 -2.80	26.03 1.73 0.00	28.16 2.06 -0.01	31.12 2.33 0.01	33.50 2.74 0.01	34.78 2.84 0.01	36.77 2.69 0.01	38.57 2.66 0.01	39.04 2.79 0.01	41.19 2.91 0.01	42.88 3.18 0.01	46.85 3.67 -0.01	53.94 4.54 0.01	63.77 5.37 0.01	56.14 4.68 0.01	50.90 3.90 0.01	44.89 2.86 0.01	41.37 2.49 0.01	36.95 2.06 0.00	33.93 2.46 -0.01
NYPA_HARLEM__RVR__GT2 24161	32.69 2.18 -3.58	30.21 1.84 -4.72	27.52 1.73 -3.32	25.46 1.56 -3.08	25.39 1.56 -2.80	26.03 1.73 0.00	28.16 2.06 -0.01	31.12 2.33 0.01	33.50 2.74 0.01	34.78 2.84 0.01	36.77 2.69 0.01	38.57 2.66 0.01	39.04 2.79 0.01	41.19 2.91 0.01	42.88 3.18 0.01	46.85 3.67 -0.01	53.94 4.54 0.01	63.77 5.37 0.01	56.14 4.68 0.01	50.90 3.90 0.01	44.89 2.86 0.01	41.37 2.49 0.01	36.95 2.06 0.00	33.93 2.46 -0.01
NYPA_KENT____GT 24152	32.63 2.13 -3.58	30.16 1.80 -4.72	27.47 1.69 -3.32	25.42 1.52 -3.08	25.37 1.53 -2.80	26.06 1.75 0.00	28.19 2.09 -0.01	31.27 2.48 0.00	35.83 2.86 -2.20	36.37 3.00 -1.42	36.95 2.86 0.00	38.76 2.84 0.00	39.26 3.01 0.00	41.43 3.14 0.00	43.16 3.45 0.00	56.68 3.97 -9.54	57.23 4.74 -3.08	63.95 5.55 0.01	37.74 4.73 18.46	44.13 3.90 6.78	44.92 2.90 0.01	41.61 2.72 0.01	37.13 2.24 0.00	34.02 2.55 -0.01
NYPA_POUCH1____GT 24155	32.61 2.10 -3.58	30.14 1.77 -4.72	27.47 1.69 -3.32	25.44 1.54 -3.09	25.37 1.53 -2.80	26.03 1.73 0.00	28.14 2.04 -0.01	31.18 2.39 0.00	35.74 2.77 -2.20	37.03 2.88 -2.20	36.82 2.73 0.00	38.65 2.73 0.00	39.15 2.90 0.00	41.36 3.06 0.00	43.08 3.37 0.00	62.28 4.02 -15.09	59.48 4.79 -5.29	64.01 5.61 0.01	76.69 4.73 -20.50	59.49 3.95 -8.54	44.92 2.90 0.01	41.61 2.72 0.01	37.06 2.16 0.00	33.99 2.52 -0.01
NYPA_VERNON____GT2 24162	32.61 2.10 -3.58	30.14 1.77 -4.72	27.45 1.66 -3.32	25.40 1.50 -3.08	25.33 1.49 -2.80	26.03 1.73 0.00	28.16 2.06 -0.01	31.24 2.45 0.00	35.83 2.86 -2.20	35.56 2.97 -0.64	36.95 2.86 0.00	38.73 2.80 0.00	39.23 2.97 0.00	41.39 3.10 0.00	43.08 3.37 0.00	51.05 3.89 -3.99	54.93 4.64 -0.88	63.83 5.43 0.01	47.83 4.58 8.21	47.72 3.81 3.09	44.84 2.82 0.01	41.53 2.65 0.01	37.09 2.20 0.00	33.93 2.46 -0.01
NYPA_VERNON____GT3 24163	32.61 2.10 -3.58	30.14 1.77 -4.72	27.45 1.66 -3.32	25.40 1.50 -3.08	25.33 1.49 -2.80	26.03 1.73 0.00	28.16 2.06 -0.01	31.24 2.45 0.00	35.83 2.86 -2.20	35.56 2.97 -0.64	36.95 2.86 0.00	38.73 2.80 0.00	39.23 2.97 0.00	41.39 3.10 0.00	43.08 3.37 0.00	51.05 3.89 -3.99	54.93 4.64 -0.88	63.83 5.43 0.01	47.83 4.58 8.21	47.72 3.81 3.09	44.84 2.82 0.01	41.53 2.65 0.01	37.09 2.20 0.00	33.93 2.46 -0.01
NYPA__ASTORIA_CC1 323568	32.55 2.05 -3.58	30.09 1.72 -4.72	27.41 1.62 -3.32	25.35 1.46 -3.08	25.28 1.45 -2.80	25.96 1.65 0.00	28.11 2.01 -0.01	31.18 2.39 0.00	35.74 2.77 -2.20	35.15 2.88 -0.32	36.85 2.76 0.00	38.65 2.73 0.00	39.12 2.86 0.00	41.28 2.99 0.00	42.97 3.26 0.00	48.68 3.75 -1.75	53.89 4.50 0.01	63.66 5.26 0.01	51.79 4.43 4.10	49.13 3.67 1.54	44.76 2.73 0.01	41.45 2.57 0.01	37.02 2.13 0.00	33.86 2.39 -0.01
NYPA__ASTORIA_CC2 323569	32.55 2.05 -3.58	30.09 1.72 -4.72	27.41 1.62 -3.32	25.35 1.46 -3.08	25.28 1.45 -2.80	25.96 1.65 0.00	28.11 2.01 -0.01	31.18 2.39 0.00	35.74 2.77 -2.20	35.15 2.88 -0.32	36.85 2.76 0.00	38.65 2.73 0.00	39.12 2.86 0.00	41.28 2.99 0.00	42.97 3.26 0.00	48.68 3.75 -1.75	53.89 4.50 0.01	63.66 5.26 0.01	51.79 4.43 4.10	49.13 3.67 1.54	44.76 2.73 0.01	41.45 2.57 0.01	37.02 2.13 0.00	33.86 2.39 -0.01
NYPA__HOLTSVILL 23794	36.63 2.32 -7.39	33.62 1.94 -8.05	31.15 1.84 -6.85	28.80 1.69 -6.30	25.58 1.74 -2.80	29.71 1.99 -3.41	28.31 2.22 0.00	34.58 2.62 -3.16	36.09 2.98 -2.34	36.55 3.13 -1.47	36.24 2.15 0.00	38.08 2.16 0.00	38.79 2.54 0.00	41.13 2.83 0.00	43.01 3.29 0.00	47.06 3.89 0.00	54.46 5.04 -0.01	64.67 6.25 -0.01	56.62 5.15 -0.01	50.77 3.76 0.00	44.93 2.90 0.00	44.82 3.15 -2.78	36.56 1.67 0.01	33.60 2.14 0.00
NYPA____HELLGATE_GT1 24158	32.69 2.18 -3.58	30.21 1.84 -4.72	27.52 1.73 -3.32	25.46 1.56 -3.08	25.39 1.56 -2.80	26.03 1.73 0.00	28.16 2.06 -0.01	31.12 2.33 0.01	33.50 2.74 0.01	34.78 2.84 0.01	36.77 2.69 0.01	38.57 2.66 0.01	39.04 2.79 0.01	41.19 2.91 0.01	42.88 3.18 0.01	46.85 3.67 -0.01	53.94 4.54 0.01	63.77 5.37 0.01	56.14 4.68 0.01	50.90 3.90 0.01	44.89 2.86 0.01	41.37 2.49 0.01	36.95 2.06 0.00	33.93 2.46 -0.01
NYPA____HELLGATE_GT2 24159	32.69 2.18 -3.58	30.21 1.84 -4.72	27.52 1.73 -3.32	25.46 1.56 -3.08	25.39 1.56 -2.80	26.03 1.73 0.00	28.16 2.06 -0.01	31.12 2.33 0.01	33.50 2.74 0.01	34.78 2.84 0.01	36.77 2.69 0.01	38.57 2.66 0.01	39.04 2.79 0.01	41.19 2.91 0.01	42.88 3.18 0.01	46.85 3.67 -0.01	53.94 4.54 0.01	63.77 5.37 0.01	56.14 4.68 0.01	50.90 3.90 0.01	44.89 2.86 0.01	41.37 2.49 0.01	36.95 2.06 0.00	33.93 2.46 -0.01
NYS_BARGE__HYD 23848	26.93 0.00 0.00	23.17 -0.47 0.00	22.01 -0.45 0.00	20.23 -0.58 0.00	20.46 -0.57 0.00	23.53 -0.78 0.00	24.43 -1.67 0.00	27.33 -1.47 0.00	28.84 -1.94 0.00	30.64 -1.31 0.00	33.89 -0.20 0.00	35.50 -0.43 0.00	36.00 -0.25 0.00	38.60 0.30 0.00	40.00 0.28 0.00	42.19 -0.99 -0.01	48.32 -1.09 0.00	56.54 -1.87 -0.01	50.19 -1.28 0.00	46.07 -0.94 0.00	41.83 -0.21 0.00	38.97 0.08 0.00	35.38 0.49 0.00	31.21 -0.25 0.00
OAK_ORCHARD__HYD 24046	26.98 0.05 0.00	23.42 -0.21 0.00	22.24 -0.22 0.00	20.48 -0.33 0.00	20.69 -0.34 0.00	23.89 -0.41 0.00	25.10 -0.99 0.00	28.02 -0.78 0.00	29.63 -1.14 0.00	31.28 -0.67 0.00	34.12 0.03 0.00	35.92 0.00 0.00	36.33 0.07 0.00	38.79 0.50 0.00	40.19 0.48 0.00	42.92 -0.26 0.00	49.06 -0.34 0.00	57.77 -0.64 0.00	51.11 -0.36 0.00	46.82 -0.19 0.00	42.29 0.25 0.00	39.32 0.43 0.00	35.38 0.49 0.00	31.34 -0.13 0.00

OAKDALE___35_KV_LOAD 356122	27.20 0.27 0.00	23.87 0.24 0.00	22.58 0.11 0.00	20.92 0.10 0.00	21.16 0.13 0.00	24.36 0.05 0.00	26.04 -0.05 0.00	28.82 0.03 0.00	30.62 -0.15 0.00	31.98 0.03 0.00	34.43 0.34 0.00	36.25 0.32 0.00	36.65 0.40 0.00	38.98 0.69 0.00	40.47 0.75 0.00	43.65 0.47 0.00	50.05 0.64 0.00	59.05 0.64 0.00	52.08 0.62 0.00	47.66 0.66 0.00	42.62 0.59 0.00	39.55 0.66 0.00	35.48 0.59 0.00	31.78 0.31 0.00
OCC_CHEM___DRP 24175	25.97 -0.94 0.02	22.86 -0.76 0.02	21.46 -0.99 0.02	19.98 -0.83 0.00	20.11 -0.90 0.02	22.63 -1.65 0.02	23.57 -2.51 0.02	26.38 -2.39 0.02	27.76 -2.98 0.02	29.24 -2.68 0.02	32.22 -1.84 0.02	33.64 -2.26 0.02	34.23 -1.99 0.02	36.89 -1.38 0.02	38.22 -1.47 0.02	40.30 -2.85 0.03	46.12 -3.26 0.02	54.00 -4.38 0.03	47.79 -3.65 0.02	43.88 -3.10 0.02	39.32 -2.69 0.02	37.08 -1.79 0.02	33.40 -1.47 0.02	29.74 -1.70 0.02
OH_GEN_PROXY 24063	26.50 -0.43 0.00	22.81 -0.83 0.00	21.70 -0.76 0.00	19.96 -0.85 0.00	20.21 -0.82 0.00	23.21 -1.09 0.00	24.11 -1.98 0.00	26.89 -1.90 0.00	28.05 -2.40 0.32	30.44 -1.82 -0.31	33.27 -0.82 0.00	34.88 -1.04 0.00	35.35 -0.90 0.00	37.79 -0.50 0.00	39.15 -0.56 0.00	41.40 -1.77 0.00	47.43 -1.98 0.00	55.48 -2.92 0.00	49.25 -2.21 0.00	45.26 -1.74 0.00	40.98 -1.05 0.00	38.23 -0.66 0.00	34.68 -0.21 0.00	30.64 -0.82 0.00
OLIN_CORP_DRP 24177	26.53 -0.40 0.00	23.33 -0.31 0.00	21.90 -0.56 0.00	20.34 -0.48 0.00	20.50 -0.53 0.00	23.12 -1.19 0.00	24.09 -2.01 0.00	26.92 -1.87 0.00	28.28 -2.49 0.00	29.78 -2.17 0.00	32.83 -1.26 0.00	34.24 -1.69 0.00	34.84 -1.41 0.00	37.49 -0.80 0.00	38.84 -0.87 0.00	40.89 -2.29 0.00	46.84 -2.57 0.00	54.79 -3.62 0.00	48.53 -2.93 0.00	44.70 -2.30 0.00	40.06 -1.98 0.00	37.84 -1.05 0.00	34.09 -0.80 0.00	30.39 -1.07 0.00
OLIN_CORP_DSASP 323712	25.97 -0.94 0.02	22.34 -1.28 0.02	21.25 -1.19 0.02	19.57 -1.25 0.00	19.77 -1.24 0.02	22.71 -1.58 0.02	23.54 -2.53 0.02	26.29 -2.48 0.02	27.76 -2.98 0.02	29.53 -2.40 0.02	32.66 -1.40 0.02	34.25 -1.65 0.02	34.71 -1.52 0.02	37.24 -1.03 0.02	38.58 -1.11 0.02	40.73 -2.42 0.03	46.66 -2.72 0.02	54.58 -3.80 0.03	48.41 -3.04 0.02	44.39 -2.59 0.02	40.25 -1.76 0.02	37.43 -1.44 0.02	34.03 -0.84 0.02	30.00 -1.45 0.02
ONEIDA_HERK_LFGE 323681	27.28 0.35 0.00	23.92 0.28 0.00	22.71 0.25 0.00	21.07 0.25 0.00	21.28 0.25 0.00	24.58 0.27 0.00	26.49 0.39 0.00	29.20 0.40 0.00	31.11 0.34 0.00	32.34 0.38 0.00	34.53 0.44 0.00	36.39 0.47 0.00	36.72 0.47 0.00	38.98 0.69 0.00	40.43 0.72 0.00	43.99 0.82 0.00	49.35 0.94 0.99	59.81 1.40 0.00	52.60 1.13 0.00	48.32 1.31 0.00	43.34 1.30 0.00	40.02 1.13 0.00	35.66 0.77 0.00	31.96 0.50 0.00
ONEIDA___115KV_TB4 55905	27.66 0.73 0.00	24.25 0.61 0.00	23.03 0.56 0.00	21.34 0.52 0.00	21.54 0.50 0.00	24.82 0.51 0.00	26.70 0.60 0.00	29.51 0.72 0.00	31.39 0.62 0.00	32.69 0.73 0.00	34.97 0.89 0.00	36.86 0.93 0.00	37.20 0.94 0.00	39.59 1.30 0.00	41.10 1.39 0.00	44.64 1.47 0.00	50.74 1.73 0.39	60.74 2.34 0.00	53.42 1.96 0.00	49.03 2.02 0.00	43.88 1.85 0.00	40.56 1.67 0.00	36.15 1.26 0.00	32.41 0.94 0.00
ONONDAGA_REF_OCCRA 23987	26.50 -0.43 0.00	23.26 -0.38 0.00	22.06 -0.40 0.00	20.44 -0.37 0.00	20.65 -0.38 0.00	23.72 -0.58 0.00	25.39 -0.70 0.00	28.19 -0.60 0.00	30.00 -0.77 0.00	31.31 -0.64 0.00	33.61 -0.48 0.00	35.46 -0.47 0.00	35.78 -0.47 0.00	38.06 -0.23 0.00	39.47 -0.24 0.00	42.61 -0.56 0.00	48.70 -0.54 0.17	57.71 -0.70 0.00	50.85 -0.62 0.00	46.53 -0.47 0.00	41.61 -0.42 0.00	38.58 -0.31 0.00	34.58 -0.31 0.00	30.96 -0.50 0.00
ONONDAGA___COGEN 23986	26.66 -0.27 0.00	23.40 -0.24 0.00	22.19 -0.27 0.00	20.55 -0.27 0.00	20.78 -0.25 0.00	23.89 -0.41 0.00	25.55 -0.55 0.00	28.36 -0.43 0.00	30.12 -0.65 0.00	31.44 -0.51 0.00	33.75 -0.34 0.00	35.60 -0.32 0.00	35.96 -0.29 0.00	38.25 -0.04 0.00	39.67 -0.04 0.00	42.79 -0.39 0.00	48.89 -0.35 0.17	58.00 -0.41 0.00	51.11 -0.36 0.00	46.77 -0.24 0.00	41.87 -0.17 0.00	38.81 -0.08 0.00	34.79 -0.10 0.00	31.15 -0.31 0.00
ONTARIO___LFGE 23819	27.36 0.43 0.00	23.83 0.19 0.00	22.60 0.14 0.00	20.84 0.02 0.00	21.07 0.04 0.00	24.43 0.12 0.00	25.94 -0.16 0.00	28.82 0.03 0.00	30.40 -0.37 0.00	31.92 -0.03 0.00	34.60 0.51 0.00	36.50 0.57 0.00	36.87 0.62 0.00	39.40 1.11 0.00	40.78 1.07 0.00	43.74 0.56 0.00	50.03 0.74 0.12	59.22 0.82 0.00	52.39 0.93 0.00	47.94 0.94 0.00	43.21 1.18 0.00	40.06 1.17 0.00	35.97 1.08 0.00	31.87 0.41 0.00
ORANGEVILLE_WT_PWR 323706	27.31 0.38 0.00	23.54 -0.09 0.00	22.35 -0.11 0.00	20.57 -0.25 0.00	20.82 -0.21 0.00	23.99 -0.32 0.00	25.16 -0.94 0.00	28.08 -0.72 0.00	29.63 -1.14 0.00	31.38 -0.57 0.00	34.53 0.44 0.00	36.28 0.36 0.00	36.76 0.51 0.00	39.36 1.07 0.00	40.74 1.03 0.00	43.22 0.04 -0.01	49.51 0.10 0.00	58.06 -0.35 -0.01	51.47 0.00 0.00	47.19 0.19 0.00	42.75 0.71 0.00	39.71 0.82 0.00	35.98 1.08 0.00	31.78 0.31 0.00
ORANGEVILLE___ESR 323794	27.31 0.38 0.00	23.54 -0.09 0.00	22.35 -0.11 0.00	20.57 -0.25 0.00	20.82 -0.21 0.00	23.99 -0.32 0.00	25.16 -0.94 0.00	28.08 -0.72 0.00	29.63 -1.14 0.00	31.38 -0.57 0.00	34.53 0.44 0.00	36.28 0.36 0.00	36.76 0.51 0.00	39.36 1.07 0.00	40.74 1.03 0.00	43.22 0.04 -0.01	49.51 0.10 0.00	58.06 -0.35 -0.01	51.47 0.00 0.00	47.19 0.19 0.00	42.75 0.71 0.00	39.71 0.82 0.00	35.98 1.08 0.00	31.78 0.31 0.00
OSWEGATCHIE___HYD 24044	25.91 -1.02 0.00	22.76 -0.87 0.00	21.63 -0.83 0.00	20.07 -0.75 0.00	20.27 -0.76 0.00	23.46 -0.85 0.00	25.34 -0.76 0.00	27.93 -0.86 0.00	29.69 -1.08 0.00	30.67 -1.28 0.00	32.69 -1.40 0.00	34.42 -1.51 0.00	34.66 -1.59 0.00	36.65 -1.65 0.00	37.93 -1.79 0.00	41.28 -1.90 0.00	41.89 -2.62 4.90	55.60 -2.80 0.00	48.94 -2.52 0.00	45.12 -1.88 0.00	40.60 -1.43 0.00	37.41 -1.48 0.00	33.77 -1.12 0.00	30.42 -1.04 0.00
OSWEGO___5 23606	26.10 -0.84 0.00	22.95 -0.69 0.00	21.79 -0.67 0.00	20.19 -0.62 0.00	20.40 -0.63 0.00	23.55 -0.75 0.00	25.16 -0.94 0.00	27.73 -1.06 0.00	29.48 -1.29 0.00	30.77 -1.18 0.00	33.03 -1.06 0.00	34.85 -1.08 0.00	35.17 -1.09 0.00	37.34 -0.96 0.00	38.68 -1.03 0.00	41.84 -1.34 0.00	47.79 -1.48 0.13	56.66 -1.75 0.00	49.92 -1.54 0.00	45.69 -1.32 0.00	40.94 -1.09 0.00	37.96 -0.93 0.00	34.02 -0.87 0.00	30.45 -1.01 0.00
OSWEGO___6 23613	26.10 -0.84 0.00	22.95 -0.69 0.00	21.79 -0.67 0.00	20.19 -0.62 0.00	20.40 -0.63 0.00	23.55 -0.75 0.00	25.16 -0.94 0.00	27.73 -1.06 0.00	29.48 -1.29 0.00	30.77 -1.18 0.00	33.03 -1.06 0.00	34.85 -1.08 0.00	35.17 -1.09 0.00	37.34 -0.96 0.00	38.68 -1.03 0.00	41.84 -1.34 0.00	47.79 -1.48 0.13	56.66 -1.75 0.00	49.92 -1.54 0.00	45.69 -1.32 0.00	40.94 -1.09 0.00	37.96 -0.93 0.00	34.02 -0.87 0.00	30.45 -1.01 0.00

OUTOKUMPU-AB___DRP 24206	27.01 0.08 0.00	23.73 0.09 0.00	22.26 -0.20 0.00	20.67 -0.15 0.00	20.84 -0.19 0.00	23.53 -0.78 0.00	24.60 -1.51 -0.02	27.51 -1.30 -0.02	29.00 -1.78 -0.02	30.50 -1.47 -0.02	33.66 -0.44 -0.02	35.15 -0.79 -0.02	35.80 -0.47 -0.02	38.62 0.31 -0.02	39.97 0.24 -0.02	42.16 -1.04 -0.02	48.24 -1.19 -0.02	56.44 -1.99 -0.02	49.94 -1.54 -0.02	45.85 -1.18 -0.02	41.04 -1.01 -0.02	38.71 -0.19 -0.02	34.87 -0.03 -0.02	31.02 -0.44 0.00
OXBOW___BTM 323836	26.49 -0.43 0.01	22.78 -0.85 0.01	21.65 -0.81 0.01	19.92 -0.89 0.00	20.14 -0.88 0.01	23.16 -1.14 0.01	24.05 -2.06 -0.02	26.91 -1.90 -0.02	28.42 -2.37 -0.02	30.21 -1.76 -0.02	33.46 -0.65 -0.02	35.04 -0.90 -0.02	35.54 -0.72 -0.02	38.19 -0.11 -0.02	39.53 -0.20 -0.02	41.77 -1.42 -0.02	47.79 -1.63 -0.02	55.92 -2.51 -0.02	49.58 -1.90 -0.02	45.42 -1.60 -0.02	41.25 -0.80 -0.02	38.33 -0.58 -0.02	34.84 -0.07 -0.02	30.67 -0.79 0.01
OXBOW___ 24026	26.52 -0.40 0.01	23.30 -0.33 0.01	21.87 -0.58 0.01	20.32 -0.50 0.00	20.47 -0.55 0.01	23.08 -1.22 0.01	24.10 -2.01 -0.02	26.97 -1.84 -0.02	28.42 -2.37 -0.02	29.92 -2.04 -0.02	32.98 -1.12 -0.02	34.43 -1.51 -0.02	35.07 -1.20 -0.02	37.85 -0.46 -0.02	39.17 -0.56 -0.02	41.29 -1.90 -0.02	47.30 -2.12 -0.02	55.27 -3.15 -0.02	48.96 -2.52 -0.02	44.95 -2.07 -0.02	40.24 -1.81 -0.02	37.97 -0.93 -0.02	34.21 -0.70 -0.02	30.41 -1.04 0.01
OXY_CHEM_DSASP 323612	25.97 -0.94 0.02	22.86 -0.76 0.02	21.46 -0.99 0.02	19.98 -0.83 0.00	20.11 -0.90 0.02	22.63 -1.65 0.02	23.57 -2.51 0.02	26.38 -2.39 0.02	27.76 -2.98 0.02	29.24 -2.68 0.02	32.22 -1.84 0.02	33.64 -2.26 0.02	34.23 -1.99 0.02	36.89 -1.38 0.02	38.22 -1.47 0.02	40.30 -2.85 0.03	46.12 -3.26 0.02	54.00 -4.38 0.03	47.79 -3.65 0.02	43.88 -3.10 0.02	39.32 -2.69 0.02	37.08 -1.79 0.02	33.40 -1.47 0.02	29.74 -1.70 0.02
OZONE_PARK_ESR 323760	32.71 2.21 -3.57	30.25 1.89 -4.72	27.53 1.75 -3.32	25.48 1.58 -3.08	25.40 1.58 -2.80	26.28 1.97 0.00	28.39 2.30 0.00	31.41 2.62 0.00	33.76 2.98 0.00	35.11 3.16 0.00	37.33 3.24 0.00	39.34 3.41 0.00	39.66 3.41 0.00	41.89 3.60 0.00	43.60 3.89 0.00	47.80 4.62 0.00	54.94 5.53 0.00	64.89 6.48 0.00	56.97 5.51 0.00	51.61 4.61 0.00	45.69 3.66 0.00	42.04 3.15 0.00	37.72 2.83 0.00	34.10 2.64 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	25.97 -0.94 0.02	22.86 -0.76 0.02	21.46 -0.99 0.02	19.98 -0.83 0.00	20.11 -0.90 0.02	22.63 -1.65 0.02	23.57 -2.51 0.02	26.38 -2.39 0.02	27.76 -2.98 0.02	29.24 -2.68 0.02	32.22 -1.84 0.02	33.64 -2.26 0.02	34.23 -1.99 0.02	36.89 -1.38 0.02	38.22 -1.47 0.02	40.30 -2.85 0.03	46.12 -3.26 0.02	54.00 -4.38 0.03	47.79 -3.65 0.02	43.88 -3.10 0.02	39.32 -2.69 0.02	37.08 -1.79 0.02	33.40 -1.47 0.02	29.74 -1.70 0.02
PACKARD___115KV_DUPONT_184 80571	25.97 -0.94 0.02	22.86 -0.76 0.02	21.46 -0.99 0.02	19.98 -0.83 0.00	20.11 -0.90 0.02	22.63 -1.65 0.02	23.57 -2.51 0.02	26.38 -2.39 0.02	27.76 -2.98 0.02	29.24 -2.68 0.02	32.22 -1.84 0.02	33.64 -2.26 0.02	34.23 -1.99 0.02	36.89 -1.38 0.02	38.22 -1.47 0.02	40.30 -2.85 0.03	46.12 -3.26 0.02	54.00 -4.38 0.03	47.79 -3.65 0.02	43.88 -3.10 0.02	39.32 -2.69 0.02	37.08 -1.79 0.02	33.40 -1.47 0.02	29.74 -1.70 0.02
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	32.63 2.13 -3.57	30.17 1.82 -4.72	27.49 1.71 -3.32	25.42 1.52 -3.08	25.34 1.51 -2.80	26.13 1.82 0.00	28.21 2.11 0.00	31.07 2.27 0.00	33.41 2.65 0.01	34.75 2.81 0.02	36.92 2.83 0.00	38.72 2.80 0.00	38.97 2.72 0.00	41.13 2.83 0.00	42.89 3.18 0.00	46.81 3.63 -0.01	53.89 4.50 0.01	63.72 5.31 0.00	56.14 4.68 0.01	50.90 3.90 0.01	44.81 2.77 0.00	41.19 2.29 0.00	37.05 2.16 0.00	33.88 2.42 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	32.92 2.42 -3.57	30.46 2.10 -4.72	27.76 1.98 -3.32	25.67 1.77 -3.08	25.59 1.77 -2.80	26.40 2.09 0.00	28.50 2.40 0.00	31.36 2.56 0.00	33.69 2.92 0.01	35.03 3.10 0.02	37.26 3.17 0.00	39.05 3.13 0.00	39.33 3.08 0.00	41.51 3.22 0.00	43.36 3.65 0.00	47.37 4.19 -0.01	54.49 5.09 0.01	64.42 6.02 0.00	56.76 5.30 0.01	51.51 4.51 0.01	45.31 3.28 0.00	41.69 2.80 0.00	37.51 2.62 0.00	34.29 2.83 0.00
PATROON___115KV_TB1 80586	29.04 0.75 -1.36	26.12 0.69 -1.79	24.38 0.65 -1.26	22.59 0.60 -1.17	22.72 0.63 -1.06	25.01 0.70 0.00	26.83 0.73 0.00	29.57 0.78 0.00	31.69 0.92 0.00	32.94 0.99 0.00	35.04 0.95 0.00	36.96 1.04 0.00	37.30 1.05 0.00	39.36 1.07 0.00	40.82 1.11 0.00	44.51 1.34 0.00	51.08 1.68 0.00	60.51 2.10 0.00	53.37 1.90 0.00	48.70 1.69 0.00	43.50 1.47 0.00	40.10 1.21 0.00	35.80 0.91 0.00	32.28 0.82 0.00
PATTRSNVILLE___SOLAR 323815	29.30 1.21 -1.15	26.20 1.04 -1.52	24.50 0.97 -1.07	22.68 0.87 -0.99	22.84 0.90 -0.90	25.33 1.02 0.00	27.22 1.12 0.00	30.00 1.21 0.00	32.09 1.32 0.00	33.32 1.37 0.00	35.49 1.40 0.00	37.40 1.47 0.00	37.77 1.52 0.00	39.86 1.57 0.00	41.34 1.63 0.00	44.99 1.81 0.00	51.68 2.27 0.00	61.33 2.92 0.00	54.19 2.73 0.00	49.54 2.54 0.00	44.39 2.35 0.00	41.03 2.14 0.00	36.53 1.64 0.00	32.88 1.42 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	27.28 0.35 0.00	23.92 0.28 0.00	22.44 -0.02 0.00	20.84 0.02 0.00	21.03 0.00 0.00	23.87 -0.44 0.00	25.13 -0.97 0.00	27.93 -0.86 0.00	29.45 -1.32 0.00	31.03 -0.93 0.00	34.23 0.14 0.00	35.78 -0.14 0.00	36.44 0.18 0.00	39.21 0.92 0.00	40.59 0.87 0.00	42.97 -0.22 -0.01	49.21 -0.20 0.00	57.48 -0.93 -0.01	51.06 -0.41 0.00	46.77 -0.24 0.00	41.87 -0.17 0.00	39.36 0.47 0.00	35.52 0.63 0.00	31.59 0.13 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	32.29 2.02 -3.34	29.75 1.70 -4.41	27.16 1.59 -3.10	25.15 1.46 -2.88	25.12 1.47 -2.61	26.11 1.80 0.00	28.16 2.06 0.00	30.98 2.19 0.00	33.36 2.58 0.00	34.57 2.62 0.00	36.78 2.69 0.00	38.80 2.87 0.00	39.15 2.90 0.00	41.47 3.18 0.00	43.13 3.42 0.00	47.19 4.02 0.00	54.44 5.04 0.00	64.31 5.90 0.00	56.51 5.04 0.00	51.28 4.28 0.00	45.52 3.49 0.00	41.85 2.96 0.00	37.33 2.44 0.00	33.76 2.30 0.00
PEEKSKILL___ 23653	32.33 1.64 -3.76	29.97 1.37 -4.96	27.26 1.30 -3.49	25.24 1.19 -3.24	25.17 1.20 -2.94	25.69 1.38 0.00	27.69 1.59 0.00	30.66 1.87 0.00	32.96 2.18 0.00	34.22 2.27 0.00	36.34 2.25 0.00	38.26 2.33 0.00	38.72 2.47 0.00	40.90 2.61 0.00	42.49 2.78 0.00	46.50 3.32 0.00	53.46 4.05 0.00	63.20 4.79 0.00	55.43 3.96 0.00	50.29 3.29 0.00	44.64 2.61 0.00	41.34 2.45 0.00	36.77 1.88 0.00	33.35 1.89 0.00
PGE MADISON___WINDPWR 24146	30.03 3.10 0.00	26.19 2.55 0.00	24.84 2.38 0.00	23.09 2.27 0.00	23.30 2.27 0.00	26.93 2.63 0.00	29.20 3.10 0.00	32.51 3.72 0.00	34.06 3.29 0.00	35.53 3.58 0.00	38.18 4.09 0.00	40.09 4.17 0.00	40.38 4.13 0.00	43.46 5.17 0.00	44.99 5.28 0.00	49.05 5.87 0.00	56.20 6.92 0.12	67.99 9.58 0.00	59.75 8.29 0.00	55.65 8.65 0.00	50.32 8.28 0.00	46.28 7.39 0.00	40.68 5.79 0.00	35.96 4.50 0.00

PIERCEFIELD___HYD 23852	25.72 -1.21 0.00	22.60 -1.04 0.00	21.52 -0.94 0.00	19.92 -0.90 0.00	20.13 -0.90 0.00	23.31 -1.00 0.00	25.21 -0.89 0.00	27.79 -1.01 0.00	29.60 -1.17 0.00	30.45 -1.50 0.00	32.45 -1.64 0.00	34.16 -1.76 0.00	34.44 -1.81 0.00	36.30 -1.99 0.00	37.45 -2.26 0.00	40.67 -2.50 0.00	38.63 -3.66 7.12	54.14 -4.26 0.00	47.65 -3.81 0.01	43.76 -3.24 0.00	39.51 -2.52 0.00	37.06 -1.83 0.00	33.32 -1.57 0.00	30.17 -1.29 0.00
PINELAWN_CC_1 323563	36.74 2.42 -7.39	33.72 2.03 -8.05	31.24 1.93 -6.85	28.89 1.77 -6.30	25.62 1.79 -2.80	29.78 2.06 -3.41	28.39 2.30 0.00	34.69 2.74 -3.16	36.21 3.11 -2.34	36.68 3.26 -1.47	36.30 2.21 0.00	38.15 2.23 0.00	38.79 2.54 0.00	41.09 2.79 0.00	42.93 3.22 0.00	46.80 3.63 0.00	54.05 4.64 0.00	64.19 5.78 0.00	56.25 4.79 0.00	50.48 3.48 0.00	44.73 2.69 0.00	45.28 2.99 -3.40	36.63 1.74 0.01	33.85 2.39 0.00
PJM_GEN_HTP_PROXY 323702	32.36 1.86 -3.57	29.91 1.56 -4.72	27.24 1.46 -3.32	25.21 1.31 -3.08	25.15 1.33 -2.80	25.86 1.56 0.00	27.95 1.85 0.00	31.01 2.22 0.00	33.04 2.59 0.32	34.98 2.71 -0.32	36.82 2.73 0.00	38.76 2.84 0.00	39.23 2.97 0.00	41.43 3.14 0.00	43.08 3.37 0.00	47.19 4.02 0.00	54.20 4.79 0.00	64.07 5.66 0.00	56.10 4.63 0.00	50.86 3.86 0.00	44.97 2.94 0.00	41.65 2.76 0.00	37.09 2.20 0.00	33.63 2.17 0.00
PJM_GEN_KEystone 24065	29.70 0.65 -2.12	26.80 0.36 -2.81	24.77 0.34 -1.97	22.90 0.25 -1.83	22.97 0.27 -1.66	24.60 0.29 0.00	26.23 0.13 0.00	29.08 0.29 0.00	30.70 0.25 0.32	32.75 0.48 -0.32	35.01 0.92 0.00	36.82 0.90 0.00	37.30 1.05 0.00	39.43 1.26 0.13	40.84 1.35 0.22	44.06 1.25 0.37	50.24 1.53 0.70	59.39 1.63 0.65	51.92 1.44 0.98	47.56 1.18 0.62	42.87 1.14 0.30	39.81 1.13 0.21	35.90 1.01 0.00	32.19 0.72 0.00
PJM_GEN_NEPTUNE_PROXY 323594	34.57 2.02 -5.62	31.85 1.70 -6.51	29.30 1.62 -5.22	27.09 1.46 -4.81	25.30 1.47 -2.80	27.87 1.73 -1.83	28.05 1.96 0.00	32.82 2.33 -1.70	34.39 2.68 -0.94	35.83 2.78 -1.10	36.34 2.25 0.00	38.22 2.30 0.00	38.79 2.54 0.00	41.05 2.76 0.00	42.81 3.10 0.00	46.84 3.67 0.00	54.05 4.64 0.00	64.07 5.66 0.00	56.10 4.63 0.00	50.48 3.48 0.00	44.76 2.73 0.00	41.65 2.76 0.00	36.70 1.81 0.01	33.51 2.04 0.00
PJM_GEN_VFT_PROXY 323633	32.30 1.80 -3.57	29.87 1.51 -4.72	27.17 1.39 -3.32	25.14 1.25 -3.08	25.07 1.24 -2.80	25.79 1.48 0.00	27.89 1.80 0.00	30.95 2.16 0.00	33.01 2.55 0.32	34.92 2.65 -0.32	36.71 2.62 0.00	38.58 2.66 0.00	39.01 2.75 0.00	39.31 2.83 1.82	39.62 3.06 3.15	41.66 3.71 5.23	43.92 4.45 9.93	54.35 5.26 9.32	41.72 4.32 14.07	41.62 3.53 8.91	40.36 2.65 4.33	38.41 2.49 2.97	36.91 2.02 0.00	33.54 2.08 0.00
PLATSBRG_115KV_PMLD1 355749	27.36 0.43 0.00	24.06 0.43 0.00	22.89 0.43 0.00	21.17 0.35 0.00	21.37 0.34 0.00	24.84 0.53 0.00	26.90 0.81 0.00	29.71 0.92 0.00	31.72 0.95 0.00	31.15 -0.80 0.00	32.66 -1.43 0.00	34.41 -1.51 0.00	34.73 -1.52 0.00	36.57 -1.72 0.00	37.81 -1.91 0.00	40.93 -2.25 0.00	45.16 -3.06 1.18	54.67 -3.74 0.00	48.16 -3.29 0.01	44.09 -2.91 0.00	39.93 -2.10 0.00	36.83 -2.06 0.00	34.30 -0.59 0.00	32.31 0.85 0.00
PLEASANTVLY___LBMP 24000	31.25 1.43 -2.90	28.70 1.23 -3.83	26.32 1.17 -2.69	24.40 1.08 -2.50	24.39 1.09 -2.27	25.64 1.34 0.00	27.61 1.51 0.00	30.43 1.64 0.00	32.68 1.91 0.00	33.96 2.01 0.00	36.10 2.01 0.00	38.04 2.12 0.00	38.36 2.10 0.00	40.51 2.22 0.00	42.13 2.42 0.00	46.07 2.89 0.00	52.96 3.56 0.00	62.55 4.15 0.00	54.97 3.50 0.00	49.97 2.96 0.00	44.43 2.40 0.00	40.91 2.02 0.00	36.60 1.71 0.00	33.13 1.67 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	32.07 1.72 -3.42	29.64 1.49 -4.52	27.03 1.39 -3.17	25.03 1.27 -2.95	24.99 1.28 -2.68	25.91 1.60 0.00	27.92 1.83 0.00	30.81 2.02 0.00	33.11 2.34 0.00	34.41 2.46 0.00	36.58 2.49 0.00	38.55 2.62 0.00	38.90 2.65 0.00	41.13 2.83 0.00	42.77 3.06 0.00	46.80 3.63 0.00	53.80 4.40 0.00	63.60 5.20 0.00	55.84 4.37 0.00	50.67 3.67 0.00	44.98 2.94 0.00	41.42 2.53 0.00	37.05 2.16 0.00	33.51 2.05 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	32.07 1.72 -3.42	29.64 1.49 -4.52	27.03 1.39 -3.17	25.03 1.27 -2.95	24.99 1.28 -2.68	25.91 1.60 0.00	27.92 1.83 0.00	30.81 2.02 0.00	33.11 2.34 0.00	34.41 2.46 0.00	36.58 2.49 0.00	38.55 2.62 0.00	38.90 2.65 0.00	41.13 2.83 0.00	42.77 3.06 0.00	46.80 3.63 0.00	53.80 4.40 0.00	63.60 5.20 0.00	55.84 4.37 0.00	50.67 3.67 0.00	44.98 2.94 0.00	41.42 2.53 0.00	37.05 2.16 0.00	33.51 2.05 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	31.71 1.62 -3.16	29.17 1.35 -4.18	26.73 1.33 -2.94	24.75 1.21 -2.73	24.73 1.22 -2.48	25.79 1.48 0.00	27.77 1.67 0.00	30.55 1.76 0.00	32.83 2.06 0.00	34.09 2.14 0.00	36.24 2.15 0.00	38.19 2.26 0.00	38.54 2.28 0.00	40.71 2.41 0.00	42.33 2.62 0.00	46.33 3.15 0.00	53.31 3.90 0.00	62.96 4.56 0.00	55.43 3.96 0.00	50.34 3.34 0.00	44.81 2.77 0.00	41.23 2.33 0.00	36.88 1.99 0.00	33.38 1.92 0.00
POLETTI____ 23519	32.38 1.89 -3.57	29.96 1.61 -4.72	27.28 1.51 -3.32	25.25 1.35 -3.08	25.17 1.35 -2.80	26.01 1.70 0.00	28.11 2.01 0.00	31.04 2.25 0.00	33.39 2.62 0.00	34.73 2.78 0.00	36.88 2.80 0.00	38.87 2.95 0.00	39.15 2.90 0.00	41.36 3.06 0.00	43.05 3.34 0.00	47.15 3.97 0.00	54.20 4.79 0.00	64.01 5.61 0.00	56.15 4.68 0.00	50.91 3.90 0.00	45.06 3.03 0.00	41.46 2.57 0.00	37.23 2.34 0.00	33.70 2.23 0.00
POMONA___ESR 323819	32.93 1.53 -4.47	30.82 1.28 -5.91	27.85 1.23 -4.15	25.82 1.14 -3.86	25.69 1.16 -3.50	25.64 1.34 0.00	27.61 1.51 0.00	30.55 1.76 0.00	32.83 2.06 0.00	34.03 2.08 0.00	36.17 2.08 0.00	38.08 2.16 0.00	38.57 2.32 0.00	40.75 2.45 0.00	42.29 2.58 0.00	46.33 3.15 0.00	53.21 3.80 0.00	62.90 4.50 0.00	55.17 3.71 0.00	50.06 3.05 0.00	44.47 2.44 0.00	41.23 2.33 0.00	36.70 1.81 0.00	33.25 1.79 0.00
PORT_JEFF_3 23555	36.66 2.34 -7.39	33.62 1.94 -8.05	31.15 1.84 -6.85	28.83 1.71 -6.30	25.58 1.74 -2.80	29.71 1.99 -3.41	28.31 2.22 0.00	34.60 2.65 -3.16	36.09 2.98 -2.34	36.58 3.16 -1.47	36.17 2.08 0.00	37.97 2.05 0.00	38.72 2.47 0.00	41.06 2.76 0.00	42.93 3.22 0.00	46.89 3.71 0.00	54.31 4.89 -0.01	64.49 6.07 -0.01	56.47 4.99 -0.01	50.62 3.62 0.00	44.76 2.73 0.00	44.87 3.07 -2.90	36.49 1.61 0.01	33.60 2.14 0.00
PORT_JEFF_4 23616	36.66 2.34 -7.39	33.62 1.94 -8.05	31.15 1.84 -6.85	28.83 1.71 -6.30	25.58 1.74 -2.80	29.71 1.99 -3.41	28.31 2.22 0.00	34.60 2.65 -3.16	36.09 2.98 -2.34	36.58 3.16 -1.47	36.17 2.08 0.00	37.97 2.05 0.00	38.72 2.47 0.00	41.06 2.76 0.00	42.93 3.22 0.00	46.89 3.71 0.00	54.31 4.89 -0.01	64.49 6.07 -0.01	56.47 4.99 -0.01	50.62 3.62 0.00	44.76 2.73 0.00	44.87 3.07 -2.90	36.49 1.61 0.01	33.60 2.14 0.00

PORT_JEFF_IC 23713	36.71 2.40 -7.39	33.72 2.03 -8.05	31.22 1.91 -6.85	28.89 1.77 -6.30	25.64 1.81 -2.80	29.88 2.16 -3.41	28.47 2.37 0.00	34.66 2.71 -3.16	36.15 3.05 -2.34	36.68 3.26 -1.47	36.37 2.28 0.00	38.29 2.37 0.00	38.97 2.72 0.00	41.25 2.95 0.00	43.21 3.49 0.00	47.02 3.84 0.00	54.51 5.09 -0.01	64.67 6.25 -0.01	56.68 5.20 -0.01	50.81 3.81 0.00	45.52 3.49 0.00	44.81 2.96 -2.96	36.80 1.92 0.01	33.98 2.52 0.00
PPL PILGRIM_ST_GT1 24216	36.96 2.64 -7.39	33.90 2.22 -8.05	31.42 2.11 -6.85	29.06 1.94 -6.30	25.81 1.98 -2.80	30.00 2.28 -3.41	28.63 2.53 0.00	34.95 2.99 -3.16	36.46 3.35 -2.34	36.96 3.55 -1.47	36.65 2.56 0.00	38.54 2.62 0.00	39.23 2.97 0.00	41.62 3.29 -0.03	43.32 3.61 0.00	47.41 4.23 0.00	54.50 5.09 0.00	64.72 6.31 0.00	56.72 5.25 0.00	50.81 3.81 0.00	45.31 3.28 0.00	66.83 3.38 -24.55	36.94 2.06 0.01	33.92 2.46 0.00
PPL PILGRIM_ST_GT2 24217	36.96 2.64 -7.39	33.90 2.22 -8.05	31.42 2.11 -6.85	29.06 1.94 -6.30	25.81 1.98 -2.80	30.00 2.28 -3.41	28.63 2.53 0.00	34.95 2.99 -3.16	36.46 3.35 -2.34	36.96 3.55 -1.47	36.65 2.56 0.00	38.54 2.62 0.00	39.23 2.97 0.00	41.62 3.29 -0.03	43.32 3.61 0.00	47.41 4.23 0.00	54.50 5.09 0.00	64.72 6.31 0.00	56.72 5.25 0.00	50.81 3.81 0.00	45.31 3.28 0.00	66.83 3.38 -24.55	36.94 2.06 0.01	33.92 2.46 0.00
PPL_SHRM_GT3 24213	36.55 2.23 -7.39	33.53 1.84 -8.05	31.06 1.75 -6.85	28.72 1.60 -6.30	25.49 1.66 -2.80	29.59 1.87 -3.41	28.18 2.09 0.00	34.43 2.48 -3.16	35.91 2.80 -2.34	36.39 2.97 -1.47	36.13 2.05 0.00	38.01 2.08 0.00	38.75 2.50 0.00	41.13 2.83 0.00	43.05 3.34 0.00	47.19 4.02 0.00	54.85 5.43 -0.01	65.19 6.77 -0.01	57.09 5.61 -0.01	51.14 4.14 0.00	45.19 3.15 0.00	45.38 3.35 -3.14	36.52 1.64 0.01	33.57 2.11 0.00
PPL_SHRM_GT4 24214	36.55 2.23 -7.39	33.53 1.84 -8.05	31.06 1.75 -6.85	28.72 1.60 -6.30	25.49 1.66 -2.80	29.59 1.87 -3.41	28.18 2.09 0.00	34.43 2.48 -3.16	35.91 2.80 -2.34	36.39 2.97 -1.47	36.13 2.05 0.00	38.01 2.08 0.00	38.75 2.50 0.00	41.13 2.83 0.00	43.05 3.34 0.00	47.19 4.02 0.00	54.85 5.43 -0.01	65.19 6.77 -0.01	57.09 5.61 -0.01	51.14 4.14 0.00	45.19 3.15 0.00	45.38 3.35 -3.14	36.52 1.64 0.01	33.57 2.11 0.00
PROJECT___ORANGE 1 24174	26.55 -0.38 0.00	23.31 -0.33 0.00	22.10 -0.36 0.00	20.48 -0.33 0.00	20.69 -0.34 0.00	23.77 -0.53 0.00	25.44 -0.65 0.00	28.25 -0.55 0.00	30.03 -0.74 0.00	31.34 -0.61 0.00	33.64 -0.44 0.00	35.49 -0.43 0.00	35.82 -0.44 0.00	38.10 -0.19 0.00	39.47 -0.24 0.00	42.61 -0.56 0.00	48.64 -0.59 0.18	57.71 -0.70 0.00	50.85 -0.62 0.00	46.53 -0.47 0.00	41.61 -0.42 0.00	38.58 -0.31 0.00	34.61 -0.28 0.00	30.99 -0.47 0.00
PROJECT___ORANGE 2 24166	26.55 -0.38 0.00	23.31 -0.33 0.00	22.10 -0.36 0.00	20.48 -0.33 0.00	20.69 -0.34 0.00	23.77 -0.53 0.00	25.44 -0.65 0.00	28.25 -0.55 0.00	30.03 -0.74 0.00	31.34 -0.61 0.00	33.64 -0.44 0.00	35.49 -0.43 0.00	35.82 -0.44 0.00	38.10 -0.19 0.00	39.47 -0.24 0.00	42.61 -0.56 0.00	48.64 -0.59 0.18	57.71 -0.70 0.00	50.85 -0.62 0.00	46.53 -0.47 0.00	41.61 -0.42 0.00	38.58 -0.31 0.00	34.61 -0.28 0.00	30.99 -0.47 0.00
PUCKETT___SOLAR 323809	29.52 3.04 0.45	25.54 2.50 0.60	24.38 2.34 0.42	22.63 2.21 0.39	22.88 2.21 0.35	26.91 2.60 0.00	29.15 3.05 0.00	31.96 3.17 0.00	33.82 3.05 0.00	35.18 3.23 0.00	37.57 3.48 0.00	39.41 3.48 0.00	39.73 3.48 0.00	42.50 4.21 0.00	44.20 4.49 0.00	48.27 5.09 0.00	55.38 5.98 0.00	66.35 7.94 0.00	58.31 6.85 0.00	53.87 6.86 0.00	48.42 6.39 0.00	44.65 5.75 0.00	39.39 4.50 0.00	35.14 3.68 0.00
PYRITES___HYD 24023	26.26 -0.67 0.00	23.09 -0.54 0.00	21.99 -0.47 0.00	20.38 -0.44 0.00	20.59 -0.44 0.00	23.85 -0.46 0.00	25.83 -0.26 0.00	28.42 -0.37 0.00	30.25 -0.52 0.00	31.12 -0.83 0.00	33.13 -0.95 0.00	34.88 -1.04 0.00	35.16 -1.09 0.00	37.11 -1.19 0.00	38.32 -1.39 0.00	41.62 -1.55 0.00	39.27 -2.62 7.52	55.43 -2.98 0.00	48.78 -2.68 0.01	44.94 -2.07 0.00	40.60 -1.43 0.00	38.04 -0.86 0.00	34.12 -0.77 0.00	30.83 -0.63 0.00
QUAKERRD_115KV_BK1 80622	26.34 -0.59 0.00	23.14 -0.50 0.00	21.83 -0.63 0.00	20.21 -0.60 0.00	20.42 -0.61 0.00	23.31 -1.00 0.00	24.63 -1.46 0.00	27.53 -1.27 0.00	29.14 -1.63 0.00	30.58 -1.37 0.00	33.17 -0.92 0.00	34.85 -1.08 0.00	35.31 -0.94 0.00	37.76 -0.54 0.00	39.12 -0.60 0.00	41.84 -1.34 0.00	47.82 -1.58 0.00	56.42 -1.99 0.00	49.77 -1.70 0.00	45.64 -1.36 0.00	40.94 -1.09 0.00	38.23 -0.66 0.00	34.23 -0.66 0.00	30.52 -0.94 0.00
QUENSBRY_115KV_TB8 356137	30.18 1.97 -1.29	27.04 1.70 -1.70	25.21 1.55 -1.19	23.34 1.42 -1.11	23.51 1.47 -1.01	25.98 1.68 0.00	27.92 1.83 0.00	30.69 1.90 0.00	33.02 2.25 0.00	34.31 2.36 0.00	36.27 2.18 0.00	38.33 2.41 0.00	38.61 2.36 0.00	40.40 2.11 0.00	41.82 2.10 0.00	45.59 2.42 0.00	52.42 3.01 0.00	62.61 4.21 0.00	55.84 4.37 0.00	51.05 4.04 0.00	46.19 4.16 0.00	42.43 3.54 0.00	37.61 2.72 0.00	33.70 2.23 0.00
RAMAPO___LBMP 323565	32.62 1.45 -4.24	30.49 1.25 -5.60	27.57 1.17 -3.94	25.56 1.08 -3.66	25.44 1.09 -3.32	25.69 1.39 0.00	27.69 1.59 0.00	30.46 1.67 0.00	32.71 1.94 0.00	33.96 2.01 0.00	36.13 2.05 0.00	38.08 2.16 0.00	38.43 2.18 0.00	40.63 2.34 0.00	42.21 2.50 0.00	46.20 3.02 0.00	53.06 3.66 0.00	62.73 4.32 0.00	55.07 3.60 0.00	49.97 2.96 0.00	44.47 2.44 0.00	40.95 2.06 0.00	36.67 1.78 0.00	33.19 1.73 0.00
RANKINE____ 23646	27.36 0.43 0.00	24.02 0.38 0.00	22.55 0.09 0.00	20.92 0.10 0.00	21.11 0.08 0.00	23.92 -0.39 0.00	25.08 -1.02 0.00	28.02 -0.78 0.00	29.51 -1.26 0.00	31.09 -0.86 0.00	34.30 0.20 0.00	35.82 -0.11 0.00	36.47 0.22 0.00	39.29 1.00 0.00	40.71 0.99 0.00	42.97 -0.22 -0.01	49.21 -0.20 0.00	57.54 -0.88 -0.01	50.96 -0.51 0.00	46.77 -0.24 0.00	41.87 -0.17 0.00	39.40 0.51 0.00	35.52 0.63 0.00	31.59 0.13 0.00
RAVENSWOOD_GT2_1 24244	32.41 1.91 -3.57	30.01 1.65 -4.72	27.31 1.53 -3.32	25.27 1.37 -3.08	25.21 1.39 -2.80	26.03 1.73 0.00	28.13 2.04 0.00	31.10 2.30 0.00	33.42 2.65 0.00	34.76 2.81 0.00	36.92 2.83 0.00	38.87 2.95 0.00	39.19 2.94 0.00	41.39 3.10 0.00	43.09 3.38 0.00	47.15 3.97 0.00	54.20 4.79 0.00	64.01 5.61 0.00	56.20 4.73 0.00	50.91 3.90 0.00	45.10 3.07 0.00	41.50 2.61 0.00	37.26 2.37 0.00	33.76 2.30 0.00
RAVENSWOOD_GT2_2 24245	32.41 1.91 -3.57	30.01 1.65 -4.72	27.31 1.53 -3.32	25.27 1.37 -3.08	25.21 1.39 -2.80	26.03 1.73 0.00	28.13 2.04 0.00	31.10 2.30 0.00	33.42 2.65 0.00	34.76 2.81 0.00	36.92 2.83 0.00	38.87 2.95 0.00	39.19 2.94 0.00	41.39 3.10 0.00	43.09 3.38 0.00	47.15 3.97 0.00	54.20 4.79 0.00	64.01 5.61 0.00	56.20 4.73 0.00	50.91 3.90 0.00	45.10 3.07 0.00	41.50 2.61 0.00	37.26 2.37 0.00	33.76 2.30 0.00

RAVENSWOOD_GT2_3 24246	32.41 1.91 -3.57	30.01 1.65 -4.72	27.33 1.55 -3.32	25.29 1.39 -3.08	25.21 1.39 -2.80	26.06 1.75 0.00	28.13 2.04 0.00	31.10 2.30 0.00	33.42 2.65 0.00	34.76 2.81 0.00	36.92 2.83 0.00	38.90 2.98 0.00	39.19 2.94 0.00	41.39 3.10 0.00	43.09 3.38 0.00	47.19 4.02 0.00	54.25 4.84 0.00	64.07 5.67 0.00	56.25 4.79 0.00	50.95 3.95 0.00	45.14 3.11 0.00	41.54 2.64 0.00	37.26 2.37 0.00	33.76 2.30 0.00
RAVENSWOOD_GT2_4 24247	32.41 1.91 -3.57	30.01 1.65 -4.72	27.33 1.55 -3.32	25.29 1.39 -3.08	25.21 1.39 -2.80	26.06 1.75 0.00	28.13 2.04 0.00	31.10 2.30 0.00	33.42 2.65 0.00	34.76 2.81 0.00	36.92 2.83 0.00	38.90 2.98 0.00	39.19 2.94 0.00	41.39 3.10 0.00	43.09 3.38 0.00	47.19 4.02 0.00	54.25 4.84 0.00	64.07 5.67 0.00	56.25 4.79 0.00	50.95 3.95 0.00	45.14 3.11 0.00	41.54 2.64 0.00	37.26 2.37 0.00	33.76 2.30 0.00
RAVENSWOOD_GT3_1 24248	32.41 1.91 -3.57	30.01 1.65 -4.72	27.31 1.53 -3.32	25.29 1.39 -3.08	25.21 1.39 -2.80	26.06 1.75 0.00	28.13 2.04 0.00	31.10 2.30 0.00	33.42 2.65 0.00	34.76 2.81 0.00	36.92 2.83 0.00	38.87 2.95 0.00	39.19 2.94 0.00	41.39 3.10 0.00	43.09 3.38 0.00	47.19 4.02 0.00	54.20 4.79 0.00	64.01 5.61 0.00	56.20 4.73 0.00	50.95 3.95 0.00	45.10 3.07 0.00	41.50 2.61 0.00	37.26 2.37 0.00	33.76 2.30 0.00
RAVENSWOOD_GT3_2 24249	32.41 1.91 -3.57	30.01 1.65 -4.72	27.31 1.53 -3.32	25.29 1.39 -3.08	25.21 1.39 -2.80	26.06 1.75 0.00	28.13 2.04 0.00	31.10 2.30 0.00	33.42 2.65 0.00	34.76 2.81 0.00	36.92 2.83 0.00	38.87 2.95 0.00	39.19 2.94 0.00	41.39 3.10 0.00	43.09 3.38 0.00	47.19 4.02 0.00	54.20 4.79 0.00	64.01 5.61 0.00	56.20 4.73 0.00	50.95 3.95 0.00	45.10 3.07 0.00	41.50 2.61 0.00	37.26 2.37 0.00	33.76 2.30 0.00
RAVENSWOOD_GT3_3 24250	32.47 1.97 -3.57	30.03 1.68 -4.72	27.35 1.57 -3.32	25.31 1.42 -3.08	25.23 1.41 -2.80	26.08 1.77 0.00	28.18 2.09 0.00	31.13 2.33 0.00	33.48 2.71 0.00	34.83 2.88 0.00	36.99 2.90 0.00	38.94 3.02 0.00	39.26 3.01 0.00	41.47 3.18 0.00	43.17 3.45 0.00	47.28 4.10 0.00	54.30 4.89 0.00	64.19 5.78 0.00	56.30 4.84 0.00	51.05 4.04 0.00	45.19 3.15 0.00	41.61 2.72 0.00	37.33 2.44 0.00	33.82 2.36 0.00
RAVENSWOOD_GT3_4 24251	32.47 1.97 -3.57	30.03 1.68 -4.72	27.35 1.57 -3.32	25.31 1.42 -3.08	25.23 1.41 -2.80	26.08 1.77 0.00	28.18 2.09 0.00	31.13 2.33 0.00	33.48 2.71 0.00	34.83 2.88 0.00	36.99 2.90 0.00	38.94 3.02 0.00	39.26 3.01 0.00	41.47 3.18 0.00	43.17 3.45 0.00	47.28 4.10 0.00	54.30 4.89 0.00	64.19 5.78 0.00	56.30 4.84 0.00	51.05 4.04 0.00	45.19 3.15 0.00	41.61 2.72 0.00	37.33 2.44 0.00	33.82 2.36 0.00
RAVENSWOOD_GT_1 23729	32.60 2.10 -3.57	30.15 1.80 -4.72	27.46 1.68 -3.32	25.42 1.52 -3.08	25.34 1.51 -2.80	26.18 1.87 0.00	28.31 2.22 0.00	31.27 2.48 0.00	35.83 2.86 -2.20	35.58 3.00 -0.63	37.12 3.03 0.00	38.94 3.02 0.00	39.23 2.97 0.00	41.39 3.10 0.00	43.17 3.45 0.00	51.09 3.93 -3.99	54.98 4.69 -0.88	63.90 5.49 0.00	47.94 4.68 8.21	47.82 3.90 3.09	44.98 2.94 0.00	41.38 2.49 0.00	37.26 2.37 0.00	33.98 2.52 0.00
RAVENSWOOD_GT_10 24258	32.41 1.91 -3.57	30.01 1.65 -4.72	27.33 1.55 -3.32	25.29 1.39 -3.08	25.21 1.39 -2.80	26.06 1.75 0.00	28.13 2.04 0.00	31.10 2.30 0.00	33.42 2.65 0.00	34.76 2.81 0.00	36.92 2.83 0.00	38.87 2.95 0.00	39.19 2.94 0.00	41.39 3.10 0.00	43.09 3.38 0.00	47.19 4.02 0.00	54.20 4.79 0.00	64.01 5.61 0.00	56.20 4.73 0.00	50.95 3.95 0.00	45.10 3.07 0.00	41.54 2.64 0.00	37.26 2.37 0.00	33.76 2.30 0.00
RAVENSWOOD_GT_11 24259	32.41 1.91 -3.57	30.01 1.65 -4.72	27.33 1.55 -3.32	25.29 1.39 -3.08	25.21 1.39 -2.80	26.06 1.75 0.00	28.13 2.04 0.00	31.10 2.30 0.00	33.42 2.65 0.00	34.76 2.81 0.00	36.92 2.83 0.00	38.87 2.95 0.00	39.19 2.94 0.00	41.39 3.10 0.00	43.09 3.38 0.00	47.19 4.02 0.00	54.20 4.79 0.00	64.01 5.61 0.00	56.20 4.73 0.00	50.95 3.95 0.00	45.10 3.07 0.00	41.54 2.64 0.00	37.26 2.37 0.00	33.76 2.30 0.00
RAVENSWOOD_GT_4 24252	32.41 1.91 -3.57	29.98 1.63 -4.72	27.31 1.53 -3.32	25.27 1.37 -3.08	25.19 1.37 -2.80	26.03 1.73 0.00	28.13 2.04 0.00	31.07 2.27 0.00	33.42 2.65 0.00	34.73 2.78 0.00	36.92 2.83 0.00	38.87 2.95 0.00	39.19 2.94 0.00	41.39 3.10 0.00	43.09 3.38 0.00	47.19 4.02 0.00	54.25 4.84 0.00	64.07 5.67 0.00	56.25 4.79 0.00	50.95 3.95 0.00	45.14 3.11 0.00	41.54 2.64 0.00	37.26 2.37 0.00	33.73 2.27 0.00
RAVENSWOOD_GT_5 24254	32.41 1.91 -3.57	29.98 1.63 -4.72	27.31 1.53 -3.32	25.27 1.37 -3.08	25.19 1.37 -2.80	26.03 1.73 0.00	28.13 2.04 0.00	31.07 2.27 0.00	33.42 2.65 0.00	34.73 2.78 0.00	36.92 2.83 0.00	38.87 2.95 0.00	39.19 2.94 0.00	41.39 3.10 0.00	43.09 3.38 0.00	47.19 4.02 0.00	54.25 4.84 0.00	64.07 5.67 0.00	56.25 4.79 0.00	50.95 3.95 0.00	45.14 3.11 0.00	41.54 2.64 0.00	37.26 2.37 0.00	33.73 2.27 0.00
RAVENSWOOD_GT_6 24253	32.41 1.91 -3.57	29.98 1.63 -4.72	27.31 1.53 -3.32	25.27 1.37 -3.08	25.19 1.37 -2.80	26.03 1.73 0.00	28.13 2.04 0.00	31.07 2.27 0.00	33.42 2.65 0.00	34.73 2.78 0.00	36.92 2.83 0.00	38.87 2.95 0.00	39.19 2.94 0.00	41.39 3.10 0.00	43.09 3.38 0.00	47.19 4.02 0.00	54.25 4.84 0.00	64.07 5.67 0.00	56.25 4.79 0.00	50.95 3.95 0.00	45.14 3.11 0.00	41.54 2.64 0.00	37.26 2.37 0.00	33.73 2.27 0.00
RAVENSWOOD_GT_7 24255	32.41 1.91 -3.57	29.98 1.63 -4.72	27.31 1.53 -3.32	25.27 1.37 -3.08	25.19 1.37 -2.80	26.03 1.73 0.00	28.13 2.04 0.00	31.07 2.27 0.00	33.42 2.65 0.00	34.73 2.78 0.00	36.92 2.83 0.00	38.87 2.95 0.00	39.19 2.94 0.00	41.39 3.10 0.00	43.09 3.38 0.00	47.19 4.02 0.00	54.25 4.84 0.00	64.07 5.67 0.00	56.25 4.79 0.00	50.95 3.95 0.00	45.14 3.11 0.00	41.54 2.64 0.00	37.26 2.37 0.00	33.73 2.27 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	32.41 1.91 -3.57	30.01 1.65 -4.72	27.33 1.55 -3.32	25.29 1.39 -3.08	25.21 1.39 -2.80	26.06 1.75 0.00	28.13 2.04 0.00	31.10 2.30 0.00	33.42 2.65 0.00	34.76 2.81 0.00	36.92 2.83 0.00	38.87 2.95 0.00	39.19 2.94 0.00	41.39 3.10 0.00	43.09 3.38 0.00	47.19 4.02 0.00	54.20 4.79 0.00	64.01 5.61 0.00	56.20 4.73 0.00	50.95 3.95 0.00	45.10 3.07 0.00	41.54 2.64 0.00	37.26 2.37 0.00	33.76 2.30 0.00
RAVENSWOOD_GT_9 24257	32.41 1.91 -3.57	30.01 1.65 -4.72	27.33 1.55 -3.32	25.29 1.39 -3.08	25.21 1.39 -2.80	26.06 1.75 0.00	28.13 2.04 0.00	31.10 2.30 0.00	33.42 2.65 0.00	34.76 2.81 0.00	36.92 2.83 0.00	38.87 2.95 0.00	39.19 2.94 0.00	41.39 3.10 0.00	43.09 3.38 0.00	47.19 4.02 0.00	54.20 4.79 0.00	64.01 5.61 0.00	56.20 4.73 0.00	50.95 3.95 0.00	45.10 3.07 0.00	41.54 2.64 0.00	37.26 2.37 0.00	33.76 2.30 0.00

RAVENSWOOD___1 23533	32.55 2.05 -3.58	30.09 1.72 -4.72	27.41 1.62 -3.32	25.35 1.46 -3.08	25.31 1.47 -2.80	25.98 1.68 0.00	28.14 2.04 -0.01	31.21 2.42 0.00	35.77 2.80 -2.20	35.21 2.94 -0.32	36.92 2.83 0.00	38.73 2.80 0.00	39.19 2.94 0.00	41.36 3.06 0.00	43.05 3.34 0.00	48.79 3.84 -1.77	54.00 4.60 0.00	63.83 5.43 0.01	51.86 4.53 4.13	49.21 3.76 1.55	44.84 2.82 0.01	41.53 2.65 0.01	37.06 2.16 0.00	33.89 2.42 -0.01
RAVENSWOOD___2 23534	32.50 1.99 -3.58	30.04 1.68 -4.72	27.36 1.57 -3.32	25.31 1.42 -3.08	25.24 1.41 -2.80	25.94 1.63 0.00	28.06 1.96 -0.01	31.12 2.33 0.00	35.71 2.74 -2.20	35.11 2.84 -0.32	36.82 2.73 0.00	38.65 2.73 0.00	39.12 2.86 0.00	41.28 2.99 0.00	42.97 3.26 0.00	48.47 3.58 -1.71	53.58 4.20 0.02	63.31 4.91 0.01	51.56 4.12 4.02	48.83 3.34 1.51	44.59 2.56 0.01	41.45 2.57 0.01	36.98 2.09 0.00	33.80 2.33 -0.01
RAVENSWOOD___3 23535	32.41 1.91 -3.57	29.96 1.61 -4.72	27.28 1.51 -3.32	25.25 1.35 -3.08	25.19 1.37 -2.80	25.91 1.60 0.00	28.00 1.90 0.00	31.07 2.27 0.00	33.42 2.65 0.00	34.70 2.75 0.00	36.82 2.73 0.00	38.73 2.80 0.00	39.19 2.94 0.00	41.39 3.10 0.00	43.05 3.34 0.00	47.15 3.97 0.00	54.15 4.74 0.00	64.01 5.61 0.00	56.10 4.63 0.00	50.86 3.86 0.00	44.97 2.94 0.00	41.65 2.76 0.00	37.09 2.20 0.00	33.73 2.27 0.00
RAVENSWOOD___4 23820	32.53 2.02 -3.58	30.06 1.70 -4.72	27.38 1.60 -3.32	25.33 1.44 -3.08	25.26 1.43 -2.80	25.96 1.65 0.00	28.09 1.98 -0.01	31.15 2.36 0.00	35.74 2.77 -2.20	34.84 2.88 -0.01	36.88 2.80 0.00	38.69 2.77 0.00	39.15 2.90 0.00	41.36 3.06 0.00	43.01 3.29 0.00	46.55 3.84 0.47	53.10 4.60 0.90	63.77 5.37 0.01	56.00 4.53 0.00	50.72 3.71 0.00	44.80 2.77 0.01	41.53 2.65 0.01	37.06 2.16 0.00	33.86 2.39 -0.01
RCPL_TRUST___DRP 24196	32.41 1.91 -3.57	30.01 1.65 -4.72	27.31 1.53 -3.32	25.29 1.39 -3.08	25.21 1.39 -2.80	26.06 1.75 0.00	28.16 2.06 0.00	31.13 2.33 0.00	33.45 2.68 0.00	34.83 2.88 0.00	36.99 2.90 0.00	39.01 3.09 0.00	39.33 3.08 0.00	41.55 3.25 0.00	43.25 3.53 0.00	47.36 4.19 0.00	54.39 4.99 0.00	64.25 5.84 0.00	56.36 4.89 0.00	51.05 4.04 0.00	45.23 3.19 0.00	41.58 2.68 0.00	37.30 2.41 0.00	33.76 2.30 0.00
RED___ROCHESTER 323720	27.17 0.24 0.00	23.59 -0.05 0.00	22.37 -0.09 0.00	20.61 -0.21 0.00	20.82 -0.21 0.00	24.06 -0.24 0.00	25.26 -0.84 0.00	28.22 -0.58 0.00	29.88 -0.89 0.00	31.53 -0.42 0.00	34.43 0.34 0.00	36.25 0.32 0.00	36.65 0.40 0.00	39.21 0.92 0.00	40.58 0.87 0.00	43.35 0.17 0.00	49.55 0.15 0.00	58.35 -0.06 0.00	51.62 0.15 0.00	47.29 0.28 0.00	42.70 0.67 0.00	39.71 0.82 0.00	35.69 0.80 0.00	31.59 0.13 0.00
REGAN___SOLAR 323812	31.77 3.96 -0.88	28.27 3.48 -1.16	26.36 3.08 -0.82	24.38 2.81 -0.76	24.64 2.92 -0.69	27.78 3.48 0.00	29.96 3.86 0.00	32.97 4.17 0.00	35.36 4.59 0.00	36.55 4.60 0.00	39.30 5.22 0.00	41.35 5.42 0.00	41.69 5.44 0.00	43.92 5.63 0.00	45.39 5.68 0.00	49.14 5.96 0.00	56.52 7.12 0.00	68.16 9.75 0.00	60.68 9.21 0.00	55.61 8.60 0.00	50.19 8.16 0.00	46.16 7.27 0.00	40.68 5.79 0.00	36.21 4.75 0.00
RENSSELAER___COGEN 23796	28.90 0.57 -1.40	25.98 0.50 -1.85	24.26 0.49 -1.30	22.50 0.48 -1.21	22.61 0.48 -1.10	24.79 0.49 0.00	26.62 0.52 0.00	29.40 0.61 0.00	31.45 0.68 0.00	32.65 0.70 0.00	34.73 0.65 0.00	36.60 0.68 0.00	36.98 0.72 0.00	38.98 0.69 0.00	40.43 0.72 0.00	44.08 0.91 0.00	50.64 1.24 0.00	59.92 1.52 0.00	52.86 1.39 0.00	48.22 1.22 0.00	43.08 1.05 0.00	39.82 0.93 0.00	35.45 0.56 0.00	32.03 0.57 0.00
REPUBLIC_115KV_BARTNBK 55605	31.86 3.64 -1.29	28.60 3.26 -1.70	26.56 2.90 -1.20	24.57 2.64 -1.11	24.77 2.73 -1.01	27.49 3.18 0.00	29.46 3.37 0.00	32.28 3.48 0.00	34.80 4.03 0.00	36.17 4.22 0.00	38.35 4.26 0.00	40.56 4.63 0.00	40.78 4.53 0.00	42.66 4.37 0.00	44.16 4.45 0.00	48.05 4.88 0.00	55.23 5.83 0.00	66.47 8.06 0.00	59.34 7.87 0.00	54.38 7.38 0.00	49.43 7.40 0.00	45.31 6.42 0.00	40.02 5.13 0.00	35.71 4.25 0.00
REVERE_CPPR_DRP 24186	27.82 0.89 0.00	24.39 0.76 0.00	23.16 0.70 0.00	21.46 0.65 0.00	21.66 0.63 0.00	24.96 0.66 0.00	26.90 0.81 0.00	29.71 0.92 0.00	31.60 0.83 0.00	32.91 0.96 0.00	35.18 1.09 0.00	37.04 1.11 0.00	37.41 1.16 0.00	39.82 1.53 0.00	41.38 1.67 0.00	44.99 1.81 0.00	50.87 2.07 0.61	61.27 2.86 0.00	53.83 2.37 0.00	49.45 2.44 0.00	44.35 2.31 0.00	40.99 2.10 0.00	36.43 1.54 0.00	32.63 1.16 0.00
REYNOLDS_115KV_TB3 80639	29.13 0.78 -1.42	26.25 0.73 -1.88	24.50 0.72 -1.32	22.71 0.67 -1.22	22.84 0.69 -1.11	25.11 0.80 0.00	26.88 0.78 0.00	29.63 0.83 0.00	31.75 0.98 0.00	33.00 1.05 0.00	35.11 1.02 0.00	37.00 1.08 0.00	37.30 1.05 0.00	39.36 1.07 0.00	40.82 1.11 0.00	44.51 1.34 0.00	51.18 1.78 0.00	60.51 2.10 0.00	53.37 1.90 0.00	48.70 1.69 0.00	43.50 1.47 0.00	40.10 1.21 0.00	35.80 0.91 0.00	32.31 0.85 0.00
RIVERBAY____ 323610	32.92 2.42 -3.57	30.46 2.10 -4.72	27.76 1.98 -3.32	25.67 1.77 -3.08	25.59 1.77 -2.80	26.40 2.09 0.00	28.50 2.40 0.00	31.36 2.56 0.00	33.69 2.92 0.01	35.03 3.10 0.02	37.26 3.17 0.00	39.05 3.13 0.00	39.33 3.08 0.00	41.51 3.22 0.00	43.36 3.65 0.00	47.37 4.19 -0.01	54.49 5.09 0.01	64.42 6.02 0.00	56.76 5.30 0.01	51.51 4.51 0.01	45.31 3.28 0.00	41.69 2.80 0.00	37.51 2.62 0.00	34.29 2.83 0.00
RIVERSDE_115KV_TB3 55908	28.99 0.67 -1.38	26.10 0.64 -1.83	24.35 0.61 -1.28	22.59 0.58 -1.19	22.70 0.59 -1.08	24.96 0.66 0.00	26.77 0.68 0.00	29.51 0.72 0.00	31.63 0.86 0.00	32.88 0.93 0.00	34.97 0.89 0.00	36.86 0.93 0.00	37.20 0.94 0.00	39.25 0.96 0.00	40.70 0.99 0.00	44.38 1.21 0.00	50.99 1.58 0.00	60.33 1.93 0.00	53.22 1.75 0.00	48.56 1.55 0.00	43.38 1.35 0.00	39.98 1.09 0.00	35.69 0.80 0.00	32.19 0.72 0.00
ROARING___BROOK_WT_PWR 323790	26.31 -0.62 0.00	23.14 -0.50 0.00	22.01 -0.45 0.00	20.42 -0.40 0.00	20.67 -0.36 0.00	23.92 -0.39 0.00	25.73 -0.37 0.00	28.39 -0.40 0.00	30.34 -0.43 0.00	31.41 -0.54 0.00	33.48 -0.61 0.00	35.28 -0.65 0.00	35.56 -0.69 0.00	37.49 -0.81 0.00	38.88 -0.84 0.00	42.23 -0.95 0.00	47.46 -1.28 0.66	56.89 -1.52 0.00	50.11 -1.34 0.01	45.83 -1.17 0.00	41.07 -0.97 0.00	37.92 -0.97 0.00	34.23 -0.66 0.00	30.90 -0.57 0.00
ROCHESRG_115KV_T4 355643	26.85 -0.08 0.00	23.57 -0.07 0.00	22.22 -0.25 0.00	20.59 -0.23 0.00	20.78 -0.25 0.00	23.68 -0.63 0.00	24.95 -1.15 0.00	27.90 -0.89 0.00	29.48 -1.29 0.00	30.96 -0.99 0.00	33.68 -0.41 0.00	35.35 -0.57 0.00	35.82 -0.44 0.00	38.37 0.08 0.00	39.75 0.04 0.00	42.40 -0.78 0.00	48.47 -0.94 0.00	57.06 -1.34 0.00	50.44 -1.03 0.00	46.30 -0.71 0.00	41.53 -0.50 0.00	38.85 -0.04 0.00	34.82 -0.07 0.00	31.02 -0.44 0.00

ROCHESTER_9_IC 23652	27.01 0.08 0.00	23.73 0.09 0.00	22.35 -0.11 0.00	20.71 -0.10 0.00	20.90 -0.13 0.00	23.82 -0.49 0.00	25.10 -0.99 0.00	28.10 -0.69 0.00	29.69 -1.08 0.00	31.22 -0.73 0.00	33.95 -0.14 0.00	35.64 -0.29 0.00	36.14 -0.11 0.00	38.71 0.42 0.00	40.11 0.40 0.00	42.74 -0.43 0.00	48.86 -0.54 0.00	57.53 -0.88 0.00	50.85 -0.62 0.00	46.68 -0.33 0.00	41.87 -0.17 0.00	39.20 0.31 0.00	35.10 0.21 0.00	31.27 -0.19 0.00
ROCKVIEW_13_KV_LD 356306	32.41 1.91 -3.57	29.98 1.63 -4.72	27.31 1.53 -3.32	25.29 1.39 -3.08	25.21 1.39 -2.79	26.06 1.75 0.00	28.11 2.01 0.00	31.04 2.25 0.00	33.36 2.58 0.00	34.67 2.72 0.00	36.85 2.76 0.00	38.83 2.91 0.00	39.19 2.94 0.00	41.39 3.10 0.00	43.09 3.38 0.00	47.15 3.97 0.00	54.25 4.84 0.00	64.07 5.67 0.00	56.25 4.79 0.00	51.00 4.00 0.00	45.27 3.24 0.00	41.69 2.80 0.00	37.26 2.37 0.00	33.73 2.27 0.00
ROME____115KV_TB2 80656	27.82 0.89 0.00	24.39 0.76 0.00	23.16 0.70 0.00	21.46 0.65 0.00	21.66 0.63 0.00	24.96 0.66 0.00	26.90 0.81 0.00	29.71 0.92 0.00	31.60 0.83 0.00	32.91 0.96 0.00	35.18 1.09 0.00	37.04 1.11 0.00	37.41 1.16 0.00	39.82 1.53 0.00	41.38 1.67 0.00	44.99 1.81 0.00	50.87 2.07 0.61	61.27 2.86 0.00	53.83 2.37 0.00	49.45 2.44 0.00	44.35 2.31 0.00	40.99 2.10 0.00	36.43 1.54 0.00	32.63 1.16 0.00
ROSETON____1 23587	31.61 1.37 -3.31	29.17 1.16 -4.37	26.64 1.10 -3.07	24.69 1.02 -2.85	24.65 1.03 -2.59	25.47 1.17 0.00	27.43 1.33 0.00	30.38 1.58 0.00	32.62 1.85 0.00	33.87 1.92 0.00	35.96 1.87 0.00	37.86 1.94 0.00	38.28 2.03 0.00	40.44 2.14 0.00	41.97 2.26 0.00	45.90 2.72 0.00	52.77 3.36 0.00	62.32 3.91 0.00	54.76 3.30 0.00	49.78 2.77 0.00	44.22 2.18 0.00	40.95 2.06 0.00	36.46 1.57 0.00	33.03 1.57 0.00
ROSETON____2 23588	31.61 1.37 -3.31	29.17 1.16 -4.37	26.64 1.10 -3.07	24.69 1.02 -2.85	24.65 1.03 -2.59	25.47 1.17 0.00	27.43 1.33 0.00	30.38 1.58 0.00	32.62 1.85 0.00	33.87 1.92 0.00	35.96 1.87 0.00	37.86 1.94 0.00	38.28 2.03 0.00	40.44 2.14 0.00	41.97 2.26 0.00	45.90 2.72 0.00	52.77 3.36 0.00	62.32 3.91 0.00	54.76 3.30 0.00	49.78 2.77 0.00	44.22 2.18 0.00	40.95 2.06 0.00	36.46 1.57 0.00	33.03 1.57 0.00
ROTTDRAM_115KV_TB3 80664	29.07 0.94 -1.20	26.05 0.83 -1.58	24.34 0.76 -1.11	22.56 0.71 -1.03	22.68 0.72 -0.94	25.16 0.85 0.00	26.98 0.89 0.00	29.74 0.95 0.00	31.85 1.08 0.00	33.10 1.15 0.00	35.25 1.16 0.00	37.14 1.22 0.00	37.49 1.23 0.00	39.56 1.26 0.00	41.02 1.31 0.00	44.69 1.51 0.00	51.28 1.88 0.00	60.74 2.34 0.00	53.63 2.16 0.00	48.98 1.97 0.00	43.84 1.81 0.00	40.41 1.52 0.00	36.11 1.22 0.00	32.53 1.07 0.00
RUSSELL____1 23602	27.17 0.24 0.00	23.85 0.21 0.00	22.46 0.00 0.00	20.82 0.00 0.00	21.01 -0.02 0.00	23.94 -0.36 0.00	25.21 -0.89 0.00	28.25 -0.55 0.00	29.88 -0.89 0.00	31.41 -0.54 0.00	34.16 0.07 0.00	35.85 -0.07 0.00	36.40 0.15 0.00	39.02 0.73 0.00	40.43 0.71 0.00	43.09 -0.09 0.00	49.21 -0.20 0.00	58.00 -0.41 0.00	51.26 -0.21 0.00	47.00 0.00 0.00	42.20 0.17 0.00	39.48 0.58 0.00	35.34 0.45 0.00	31.43 -0.03 0.00
RUSSELL____2 23532	27.17 0.24 0.00	23.85 0.21 0.00	22.46 0.00 0.00	20.82 0.00 0.00	21.01 -0.02 0.00	23.94 -0.36 0.00	25.21 -0.89 0.00	28.25 -0.55 0.00	29.88 -0.89 0.00	31.41 -0.54 0.00	34.16 0.07 0.00	35.85 -0.07 0.00	36.40 0.15 0.00	39.02 0.73 0.00	40.43 0.71 0.00	43.09 -0.09 0.00	49.21 -0.20 0.00	58.00 -0.41 0.00	51.26 -0.21 0.00	47.00 0.00 0.00	42.20 0.17 0.00	39.48 0.58 0.00	35.34 0.45 0.00	31.43 -0.03 0.00
RUSSELL____3 23549	27.17 0.24 0.00	23.85 0.21 0.00	22.46 0.00 0.00	20.82 0.00 0.00	21.01 -0.02 0.00	23.94 -0.36 0.00	25.21 -0.89 0.00	28.25 -0.55 0.00	29.88 -0.89 0.00	31.41 -0.54 0.00	34.16 0.07 0.00	35.85 -0.07 0.00	36.40 0.15 0.00	39.02 0.73 0.00	40.43 0.71 0.00	43.09 -0.09 0.00	49.21 -0.20 0.00	58.00 -0.41 0.00	51.26 -0.21 0.00	47.00 0.00 0.00	42.20 0.17 0.00	39.48 0.58 0.00	35.34 0.45 0.00	31.43 -0.03 0.00
RUSSELL____4 23556	27.17 0.24 0.00	23.85 0.21 0.00	22.46 0.00 0.00	20.82 0.00 0.00	21.01 -0.02 0.00	23.94 -0.36 0.00	25.21 -0.89 0.00	28.25 -0.55 0.00	29.88 -0.89 0.00	31.41 -0.54 0.00	34.16 0.07 0.00	35.85 -0.07 0.00	36.40 0.15 0.00	39.02 0.73 0.00	40.43 0.71 0.00	43.09 -0.09 0.00	49.21 -0.20 0.00	58.00 -0.41 0.00	51.26 -0.21 0.00	47.00 0.00 0.00	42.20 0.17 0.00	39.48 0.58 0.00	35.34 0.45 0.00	31.43 -0.03 0.00
RUSSELL____STATION 23914	27.17 0.24 0.00	23.85 0.21 0.00	22.46 0.00 0.00	20.82 0.00 0.00	21.01 -0.02 0.00	23.94 -0.36 0.00	25.21 -0.89 0.00	28.25 -0.55 0.00	29.88 -0.89 0.00	31.41 -0.54 0.00	34.16 0.07 0.00	35.85 -0.07 0.00	36.40 0.15 0.00	39.02 0.73 0.00	40.43 0.71 0.00	43.09 -0.09 0.00	49.21 -0.20 0.00	58.00 -0.41 0.00	51.26 -0.21 0.00	47.00 0.00 0.00	42.20 0.17 0.00	39.48 0.58 0.00	35.34 0.45 0.00	31.43 -0.03 0.00
S SALMON____HYD 24043	26.36 -0.57 0.00	23.17 -0.47 0.00	21.99 -0.47 0.00	20.38 -0.44 0.00	20.57 -0.46 0.00	23.77 -0.53 0.00	25.47 -0.63 0.00	28.10 -0.69 0.00	29.78 -0.99 0.00	30.99 -0.96 0.00	33.07 -1.02 0.00	34.85 -1.08 0.00	35.13 -1.12 0.00	37.26 -1.03 0.00	38.52 -1.19 0.00	41.84 -1.34 0.00	46.67 -1.53 1.20	56.89 -1.52 0.00	50.23 -1.24 0.00	46.35 -0.66 0.00	41.61 -0.42 0.00	38.62 -0.27 0.00	34.51 -0.38 0.00	30.83 -0.63 0.00
S.PERRY__115KV_TB1 80734	28.20 1.27 0.00	24.75 1.11 0.00	23.27 0.81 0.00	21.50 0.69 0.00	21.72 0.69 0.00	24.87 0.56 0.00	26.23 0.13 0.00	29.28 0.49 0.00	30.65 -0.12 0.00	32.01 0.06 0.00	34.74 0.65 0.00	35.28 -0.65 0.00	35.74 -0.51 0.00	38.25 -0.04 0.00	39.63 -0.08 0.00	42.31 -0.86 0.00	48.47 -0.94 0.00	57.24 -1.17 0.00	51.05 -0.41 0.00	47.33 0.33 0.00	42.75 0.71 0.00	40.02 1.13 0.00	35.76 0.87 0.00	32.72 1.26 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	27.17 0.24 0.00	23.87 0.24 0.00	22.42 -0.04 0.00	20.80 -0.02 0.00	20.99 -0.04 0.00	23.72 -0.58 0.00	24.82 -1.28 0.00	27.73 -1.07 0.00	29.20 -1.57 0.00	30.80 -1.15 0.00	33.95 -0.14 0.00	35.46 -0.47 0.00	36.07 -0.18 0.00	38.87 0.57 0.00	40.23 0.52 0.00	42.49 -0.69 -0.01	48.62 -0.79 0.00	56.90 -1.52 -0.01	50.39 -1.08 0.00	46.25 -0.75 0.00	41.45 -0.59 0.00	39.05 0.16 0.00	35.21 0.31 0.00	31.30 -0.16 0.00
SAWYER____23_KV_LOAD 55526	27.17 0.24 0.00	23.87 0.24 0.00	22.42 -0.04 0.00	20.80 -0.02 0.00	20.99 -0.04 0.00	23.72 -0.58 0.00	24.82 -1.28 0.00	27.73 -1.07 0.00	29.20 -1.57 0.00	30.80 -1.15 0.00	33.95 -0.14 0.00	35.46 -0.47 0.00	36.07 -0.18 0.00	38.87 0.57 0.00	40.23 0.52 0.00	42.49 -0.69 -0.01	48.62 -0.79 0.00	56.90 -1.52 -0.01	50.39 -1.08 0.00	46.25 -0.75 0.00	41.45 -0.59 0.00	39.05 0.16 0.00	35.21 0.31 0.00	31.30 -0.16 0.00

SELKIRK___I 23801	29.20 0.81 -1.46	26.30 0.73 -1.93	24.52 0.70 -1.36	22.74 0.67 -1.26	22.85 0.67 -1.14	25.01 0.71 0.00	26.83 0.73 0.00	29.57 0.78 0.00	31.60 0.83 0.00	32.78 0.83 0.00	34.84 0.75 0.00	36.71 0.79 0.00	37.05 0.80 0.00	39.10 0.81 0.00	40.55 0.84 0.00	44.17 0.99 0.00	50.79 1.38 0.00	60.22 1.81 0.00	53.16 1.70 0.00	48.60 1.60 0.00	43.46 1.43 0.00	40.21 1.32 0.00	35.83 0.94 0.00	32.31 0.85 0.00
SELKIRK___II 23799	28.96 0.65 -1.39	26.04 0.57 -1.83	24.29 0.54 -1.29	22.53 0.52 -1.20	22.64 0.53 -1.09	24.87 0.56 0.00	26.70 0.60 0.00	29.46 0.66 0.00	31.54 0.77 0.00	32.75 0.80 0.00	34.84 0.75 0.00	36.71 0.79 0.00	37.05 0.80 0.00	39.13 0.84 0.00	40.58 0.87 0.00	44.21 1.03 0.00	50.79 1.38 0.00	60.04 1.63 0.00	53.01 1.54 0.00	48.37 1.36 0.00	43.17 1.14 0.00	39.94 1.05 0.00	35.59 0.70 0.00	32.12 0.66 0.00
SENECA OSWGO___HYD 24041	26.23 -0.70 0.00	23.07 -0.57 0.00	21.90 -0.56 0.00	20.26 -0.56 0.00	20.46 -0.57 0.00	23.68 -0.63 0.00	25.29 -0.81 0.00	27.87 -0.92 0.00	29.60 -1.17 0.00	30.93 -1.02 0.00	33.17 -0.92 0.00	35.03 -0.90 0.00	35.38 -0.87 0.00	37.56 -0.73 0.00	38.92 -0.79 0.00	42.05 -1.12 0.00	47.94 -1.19 0.28	57.00 -1.40 0.00	50.28 -1.18 0.00	46.01 -0.99 0.00	41.23 -0.80 0.00	38.23 -0.66 0.00	34.23 -0.66 0.00	30.61 -0.85 0.00
SENECA___115KV_TB3 355854	27.42 0.48 0.00	24.06 0.43 0.00	22.58 0.11 0.00	20.96 0.15 0.00	21.16 0.13 0.00	23.94 -0.36 0.00	25.13 -0.97 0.00	28.08 -0.72 0.00	29.57 -1.20 0.00	31.16 -0.80 0.00	34.36 0.27 0.00	35.89 -0.04 0.00	36.55 0.29 0.00	39.41 1.11 0.00	40.79 1.07 0.00	43.10 -0.09 -0.01	49.31 -0.10 0.00	57.66 -0.76 -0.01	51.06 -0.41 0.00	46.87 -0.14 0.00	41.95 -0.08 0.00	39.48 0.58 0.00	35.59 0.70 0.00	31.65 -0.19 0.00
SENECA___ENERGY 23797	26.90 -0.03 0.00	23.50 -0.14 0.00	22.28 -0.18 0.00	20.57 -0.25 0.00	20.82 -0.21 0.00	24.11 -0.20 0.00	25.68 -0.42 0.00	28.45 -0.34 0.00	30.12 -0.65 0.00	31.60 -0.35 0.00	34.09 0.00 0.00	35.99 0.07 0.00	36.36 0.11 0.00	38.75 0.46 0.00	40.15 0.44 0.00	43.18 0.00 0.00	49.32 0.05 0.14	58.47 0.06 0.00	51.62 0.15 0.00	47.29 0.28 0.00	42.50 0.46 0.00	39.40 0.50 0.00	35.31 0.42 0.00	31.40 -0.06 0.00
SHOEMAKER___GT 23640	16.05 0.92 11.80	8.80 0.76 15.59	12.22 0.72 10.96	11.31 0.67 10.18	12.46 0.67 9.24	25.33 1.02 0.00	27.24 1.15 0.00	30.09 1.30 0.00	32.31 1.54 0.00	33.52 1.57 0.00	35.62 1.54 0.00	37.54 1.62 0.00	37.92 1.67 0.00	40.09 1.80 0.00	41.62 1.91 0.00	45.51 2.33 0.00	52.27 2.86 0.00	61.85 3.45 0.00	54.40 2.93 0.00	49.45 2.44 0.00	44.01 1.98 0.00	40.76 1.87 0.00	36.32 1.43 0.00	32.84 1.38 0.00
SHOEMAKR_138KV_BK 111 55601	11.31 0.94 16.56	2.53 0.78 21.89	7.84 0.76 15.39	7.22 0.69 14.29	8.75 0.69 12.97	25.43 1.12 0.00	27.37 1.28 0.00	30.12 1.32 0.00	32.31 1.54 0.00	33.55 1.60 0.00	35.69 1.60 0.00	37.61 1.69 0.00	37.96 1.70 0.00	40.13 1.84 0.00	41.70 1.99 0.00	45.59 2.42 0.00	52.37 2.96 0.00	61.91 3.50 0.00	54.45 2.99 0.00	49.50 2.49 0.00	44.09 2.06 0.00	40.64 1.75 0.00	36.39 1.50 0.00	32.91 1.45 0.00
SHOREHAM_IC_1 23715	36.55 2.23 -7.39	33.53 1.84 -8.05	31.06 1.75 -6.85	28.72 1.60 -6.30	25.49 1.66 -2.80	29.59 1.87 -3.41	28.18 2.09 0.00	34.43 2.48 -3.16	35.91 2.80 -2.34	36.39 2.97 -1.47	36.13 2.05 0.00	38.01 2.08 0.00	38.75 2.50 0.00	41.13 2.83 0.00	43.05 3.34 0.00	47.19 4.02 0.00	54.85 5.43 -0.01	65.19 6.77 -0.01	57.09 5.61 -0.01	51.14 4.14 0.00	45.19 3.15 0.00	45.38 3.35 -3.14	36.52 1.64 0.01	33.57 2.11 0.00
SHOREHAM_IC_2 23716	36.55 2.23 -7.39	33.53 1.84 -8.05	31.06 1.75 -6.85	28.72 1.60 -6.30	25.49 1.66 -2.80	29.59 1.87 -3.41	28.18 2.09 0.00	34.43 2.48 -3.16	35.91 2.80 -2.34	36.39 2.97 -1.47	36.13 2.05 0.00	38.01 2.08 0.00	38.75 2.50 0.00	41.13 2.83 0.00	43.05 3.34 0.00	47.19 4.02 0.00	54.85 5.43 -0.01	65.19 6.77 -0.01	57.09 5.61 -0.01	51.14 4.14 0.00	45.19 3.15 0.00	45.38 3.35 -3.14	36.52 1.64 0.01	33.57 2.11 0.00
SISSONVILLE____ 23735	25.72 -1.21 0.00	22.60 -1.04 0.00	21.52 -0.94 0.00	19.92 -0.90 0.00	20.13 -0.90 0.00	23.31 -1.00 0.00	25.21 -0.89 0.00	27.79 -1.01 0.00	29.60 -1.17 0.00	30.45 -1.50 0.00	32.45 -1.64 0.00	34.16 -1.76 0.00	34.44 -1.81 0.00	36.30 -1.99 0.00	37.45 -2.26 0.00	40.67 -2.50 0.00	38.63 -3.66 7.12	54.14 -4.26 0.00	47.65 -3.81 0.01	43.76 -3.24 0.00	39.51 -2.52 0.00	37.06 -1.83 0.00	33.32 -1.57 0.00	30.17 -1.29 0.00
SITHE_IND_GS1 24169	25.91 -1.02 0.00	22.81 -0.83 0.00	21.66 -0.81 0.00	20.07 -0.75 0.00	20.27 -0.76 0.00	23.41 -0.90 0.00	25.00 -1.10 0.00	27.50 -1.30 0.00	29.26 -1.51 0.00	30.51 -1.44 0.00	32.76 -1.33 0.00	34.56 -1.37 0.00	34.87 -1.38 0.00	36.99 -1.30 0.00	38.36 -1.35 0.00	41.49 -1.68 0.00	47.48 -1.93 0.00	56.13 -2.28 0.00	49.51 -1.96 0.00	45.27 -1.74 0.00	40.56 -1.47 0.00	37.61 -1.28 0.00	33.70 -1.19 0.00	30.17 -1.29 0.00
SITHE_IND_GS2 24170	25.91 -1.02 0.00	22.81 -0.83 0.00	21.66 -0.81 0.00	20.07 -0.75 0.00	20.27 -0.76 0.00	23.41 -0.90 0.00	25.00 -1.10 0.00	27.50 -1.30 0.00	29.26 -1.51 0.00	30.51 -1.44 0.00	32.76 -1.33 0.00	34.56 -1.37 0.00	34.87 -1.38 0.00	36.99 -1.30 0.00	38.36 -1.35 0.00	41.49 -1.68 0.00	47.48 -1.93 0.00	56.13 -2.28 0.00	49.51 -1.96 0.00	45.27 -1.74 0.00	40.56 -1.47 0.00	37.61 -1.28 0.00	33.70 -1.19 0.00	30.17 -1.29 0.00
SITHE_IND_GS3 24171	25.91 -1.02 0.00	22.81 -0.83 0.00	21.66 -0.81 0.00	20.07 -0.75 0.00	20.27 -0.76 0.00	23.41 -0.90 0.00	25.00 -1.10 0.00	27.50 -1.30 0.00	29.26 -1.51 0.00	30.51 -1.44 0.00	32.76 -1.33 0.00	34.56 -1.37 0.00	34.87 -1.38 0.00	36.99 -1.30 0.00	38.36 -1.35 0.00	41.49 -1.68 0.00	47.48 -1.93 0.00	56.13 -2.28 0.00	49.51 -1.96 0.00	45.27 -1.74 0.00	40.56 -1.47 0.00	37.61 -1.28 0.00	33.70 -1.19 0.00	30.17 -1.29 0.00
SITHE_IND_GS4 24172	25.91 -1.02 0.00	22.81 -0.83 0.00	21.66 -0.81 0.00	20.07 -0.75 0.00	20.27 -0.76 0.00	23.41 -0.90 0.00	25.00 -1.10 0.00	27.50 -1.30 0.00	29.26 -1.51 0.00	30.51 -1.44 0.00	32.76 -1.33 0.00	34.56 -1.37 0.00	34.87 -1.38 0.00	36.99 -1.30 0.00	38.36 -1.35 0.00	41.49 -1.68 0.00	47.48 -1.93 0.00	56.13 -2.28 0.00	49.51 -1.96 0.00	45.27 -1.74 0.00	40.56 -1.47 0.00	37.61 -1.28 0.00	33.70 -1.19 0.00	30.17 -1.29 0.00
SITHE___BATAVIA 24024	27.60 0.67 0.00	23.80 0.17 0.00	22.58 0.11 0.00	20.73 -0.08 0.00	20.99 -0.04 0.00	24.23 -0.07 0.00	25.21 -0.89 0.00	28.28 -0.52 0.00	29.85 -0.92 0.00	31.63 -0.32 0.00	34.81 0.72 0.00	36.54 0.61 0.00	37.02 0.76 0.00	39.71 1.42 0.00	41.14 1.43 0.00	43.57 0.39 0.00	49.80 0.39 0.00	58.53 0.12 0.00	51.98 0.51 0.00	47.71 0.71 0.00	43.30 1.26 0.00	40.29 1.40 0.00	36.43 1.53 0.00	32.06 0.60 0.00

SITHE___INDEPEND 23800	25.88 -1.05 0.00	22.72 -0.92 0.00	21.57 -0.90 0.00	20.01 -0.81 0.00	20.21 -0.82 0.00	23.19 -1.12 0.00	24.79 -1.30 0.00	27.50 -1.30 0.00	29.26 -1.51 0.00	30.48 -1.47 0.00	32.69 -1.40 0.00	34.45 -1.47 0.00	34.80 -1.45 0.00	36.95 -1.34 0.00	38.32 -1.39 0.00	41.41 -1.77 0.00	47.43 -1.98 0.00	56.07 -2.34 0.00	49.41 -2.06 0.00	45.22 -1.79 0.00	40.44 -1.60 0.00	37.49 -1.40 0.00	33.60 -1.29 0.00	30.14 -1.32 0.00
SITHE___MASSENA 23902	26.39 -0.54 0.00	23.24 -0.40 0.00	22.08 -0.38 0.00	20.46 -0.35 0.00	20.67 -0.36 0.00	23.92 -0.39 0.00	25.78 -0.31 0.00	28.42 -0.38 0.00	30.31 -0.46 0.00	31.28 -0.67 0.00	33.37 -0.72 0.00	35.13 -0.79 0.00	35.38 -0.87 0.00	37.22 -1.07 0.00	38.56 -1.15 0.00	41.79 -1.38 0.00	37.05 -2.22 10.13	55.72 -2.69 0.00	48.99 -2.47 0.01	44.94 -2.07 0.00	40.44 -1.60 0.00	37.30 -1.60 0.00	34.16 -0.73 0.00	30.93 -0.54 0.00
SITHE___OGDNSBRG 24021	26.45 -0.48 0.00	23.24 -0.40 0.00	22.13 -0.34 0.00	20.51 -0.31 0.00	20.72 -0.32 0.00	23.97 -0.34 0.00	25.91 -0.18 0.00	28.50 -0.29 0.00	30.34 -0.43 0.00	31.25 -0.70 0.00	33.27 -0.82 0.00	35.02 -0.90 0.00	35.35 -0.91 0.00	37.22 -1.07 0.00	38.44 -1.27 0.00	41.75 -1.42 0.00	38.74 -2.37 8.29	55.72 -2.69 0.00	49.04 -2.42 0.01	45.17 -1.83 0.00	40.77 -1.26 0.00	38.23 -0.66 0.00	34.33 -0.56 0.00	31.02 -0.44 0.00
SITHE___STERLING 23777	27.66 0.73 0.00	24.23 0.59 0.00	23.00 0.54 0.00	21.32 0.50 0.00	21.53 0.50 0.00	24.87 0.56 0.00	26.75 0.65 0.00	29.51 0.72 0.00	31.39 0.62 0.00	32.72 0.77 0.00	35.01 0.92 0.00	36.89 0.97 0.00	37.27 1.01 0.00	39.63 1.34 0.00	41.14 1.43 0.00	44.69 1.51 0.00	50.79 1.78 0.39	60.80 2.40 0.00	53.47 2.01 0.00	49.02 2.02 0.00	43.97 1.93 0.00	40.68 1.79 0.00	36.22 1.33 0.00	32.40 0.94 0.00
SLEIGHT___34_KV_TB1 80719	26.66 -0.27 0.00	23.40 -0.24 0.00	22.08 -0.38 0.00	20.44 -0.37 0.00	20.63 -0.40 0.00	23.60 -0.70 0.00	24.95 -1.15 0.00	27.93 -0.86 0.00	29.54 -1.23 0.00	31.02 -0.93 0.00	33.64 -0.44 0.00	35.42 -0.50 0.00	35.89 -0.36 0.00	38.41 0.11 0.00	39.79 0.08 0.00	42.48 -0.69 0.00	48.56 -0.84 0.00	57.24 -1.17 0.00	50.54 -0.93 0.00	46.35 -0.66 0.00	41.53 -0.50 0.00	38.81 -0.08 0.00	34.72 -0.17 0.00	30.90 -0.57 0.00
SOUTH CAIRO___GT 23612	30.19 1.54 -1.73	27.24 1.32 -2.28	25.42 1.35 -1.61	23.54 1.23 -1.49	23.67 1.28 -1.35	25.72 1.41 0.00	27.61 1.51 0.00	30.12 1.32 0.00	32.15 1.38 0.00	33.13 1.18 0.00	35.18 1.09 0.00	37.04 1.11 0.00	37.38 1.12 0.00	39.44 1.15 0.00	40.90 1.19 0.00	44.73 1.55 0.00	51.53 2.12 0.00	61.33 2.92 0.00	54.45 2.99 0.00	49.87 2.87 0.00	44.81 2.77 0.00	41.23 2.33 0.00	36.78 1.88 0.00	33.13 1.67 0.00
SOUTH HAMPTN___IC 23720	37.17 2.85 -7.39	34.02 2.34 -8.05	31.54 2.22 -6.85	29.16 2.04 -6.30	25.93 2.10 -2.80	30.13 2.41 -3.41	28.70 2.61 0.00	35.07 3.11 -3.16	36.55 3.45 -2.34	37.12 3.70 -1.47	37.05 2.96 0.00	38.97 3.05 0.00	39.77 3.52 0.00	42.20 3.91 0.00	44.20 4.49 0.00	48.40 5.22 0.00	56.43 7.01 -0.01	67.06 8.64 -0.01	58.73 7.26 -0.01	52.45 5.45 0.00	46.32 4.29 0.00	46.37 4.43 -3.05	37.36 2.48 0.01	34.29 2.83 0.00
SOUTHDOW___115KV_TB1 355954	28.49 1.56 0.00	24.96 1.32 0.00	23.41 0.94 0.00	21.69 0.87 0.00	21.93 0.90 0.00	24.99 0.68 0.00	26.44 0.34 0.00	29.54 0.75 0.00	31.17 0.40 0.00	32.88 0.93 0.00	36.37 2.28 0.00	37.97 2.05 0.00	38.72 2.47 0.00	41.66 3.37 0.00	43.01 3.30 0.00	45.47 2.29 -0.01	51.83 2.42 0.00	60.52 2.10 -0.01	53.68 2.21 0.00	49.17 2.16 0.00	44.05 2.02 0.00	41.34 2.45 0.00	37.37 2.48 0.00	33.07 1.60 0.00
SOUTHOLD_69_KV_BK 2 55809	37.82 3.50 -7.39	34.61 2.93 -8.05	32.10 2.79 -6.85	29.68 2.56 -6.30	26.44 2.61 -2.80	30.81 3.09 -3.41	29.41 3.31 0.00	35.76 3.80 -3.16	36.68 3.57 -2.34	37.31 3.90 -1.47	37.43 3.34 0.00	39.48 3.56 0.00	40.20 3.95 0.00	42.59 4.29 0.00	44.68 4.96 0.00	48.92 5.74 0.00	58.26 8.84 -0.01	69.22 10.81 -0.01	60.64 9.16 -0.01	54.15 7.14 0.00	48.04 6.01 0.00	47.24 5.29 -3.06	38.37 3.49 0.01	35.33 3.87 0.00
SOUTHOLD___IC 23719	37.82 3.50 -7.39	34.57 2.88 -8.05	32.05 2.74 -6.85	29.64 2.52 -6.30	26.40 2.56 -2.80	30.68 2.96 -3.41	29.28 3.18 0.00	35.76 3.80 -3.16	36.64 3.54 -2.34	37.28 3.86 -1.47	37.36 3.27 0.00	39.34 3.41 0.00	40.13 3.88 0.00	42.58 4.29 0.00	44.63 4.92 0.00	48.87 5.70 0.00	58.16 8.75 -0.01	69.22 10.80 -0.01	60.59 9.11 -0.01	54.05 7.05 0.00	47.67 5.63 0.00	47.59 5.64 -3.06	38.23 3.35 0.01	35.08 3.62 0.00
SOUTH_FORK_WT_PWR 323839	37.87 3.55 -7.39	34.61 2.93 -8.05	32.12 2.81 -6.85	29.70 2.58 -6.30	26.46 2.63 -2.80	30.76 3.04 -3.41	29.36 3.26 0.00	35.84 3.89 -3.16	37.08 3.97 -2.34	37.73 4.31 -1.47	37.84 3.75 0.00	39.84 3.92 0.00	40.67 4.42 0.00	43.16 4.86 0.00	45.23 5.52 0.00	49.52 6.35 0.00	58.36 8.94 -0.01	69.39 10.98 -0.01	60.74 9.26 -0.01	54.20 7.19 0.00	47.75 5.72 0.00	47.70 5.75 -3.05	38.27 3.38 0.01	35.14 3.68 0.00
SPIERFLS_115KV_TB 1 80737	29.96 1.75 -1.28	26.85 1.51 -1.70	25.05 1.39 -1.19	23.19 1.27 -1.11	23.34 1.30 -1.01	25.81 1.51 0.00	27.74 1.64 0.00	30.49 1.70 0.00	32.80 2.03 0.00	34.06 2.11 0.00	36.00 1.91 0.00	38.01 2.08 0.00	38.28 2.03 0.00	40.05 1.76 0.00	41.46 1.75 0.00	45.25 2.07 0.00	51.97 2.57 0.00	62.03 3.62 0.00	55.33 3.86 0.00	50.62 3.62 0.00	45.77 3.74 0.00	42.04 3.15 0.00	37.30 2.41 0.00	33.44 1.98 0.00
ST LAWRENCE____ 23600	26.26 -0.67 0.00	23.10 -0.54 0.00	21.95 -0.52 0.00	20.36 -0.46 0.00	20.57 -0.46 0.00	23.77 -0.53 0.00	25.60 -0.50 0.00	28.22 -0.58 0.00	30.12 -0.65 0.00	31.12 -0.83 0.00	33.13 -0.95 0.00	34.92 -1.01 0.00	35.17 -1.09 0.00	37.03 -1.26 0.00	38.40 -1.31 0.00	41.71 -1.47 0.00	47.47 -2.03 -0.09	56.07 -2.34 0.00	49.34 -2.11 0.01	45.12 -1.88 0.00	40.48 -1.55 0.00	37.37 -1.52 0.00	33.95 -0.94 0.00	30.74 -0.72 0.00
STATE_CA_115KV_115_LB 55624	29.04 0.75 -1.35	26.11 0.69 -1.79	24.37 0.65 -1.26	22.59 0.60 -1.17	22.72 0.63 -1.06	25.01 0.70 0.00	26.83 0.73 0.00	29.57 0.78 0.00	31.69 0.92 0.00	32.94 0.99 0.00	35.04 0.95 0.00	36.96 1.04 0.00	37.30 1.05 0.00	39.36 1.07 0.00	40.82 1.11 0.00	44.51 1.34 0.00	51.08 1.68 0.00	60.51 2.10 0.00	53.37 1.90 0.00	48.70 1.69 0.00	43.50 1.47 0.00	40.10 1.21 0.00	35.80 0.91 0.00	32.28 0.82 0.00
STATE_ST_34_KV_LOAD 55959	26.98 0.05 0.00	23.69 0.05 0.00	22.42 -0.04 0.00	20.75 -0.06 0.00	20.99 -0.04 0.00	24.16 -0.15 0.00	25.86 -0.23 0.00	28.68 -0.12 0.00	30.43 -0.34 0.00	31.79 -0.16 0.00	34.16 0.07 0.00	36.03 0.11 0.00	36.40 0.15 0.00	38.79 0.50 0.00	40.23 0.52 0.00	43.35 0.17 0.00	49.56 0.30 0.14	58.87 0.47 0.00	51.88 0.41 0.00	47.52 0.52 0.00	42.58 0.55 0.00	39.44 0.54 0.00	35.34 0.45 0.00	31.56 0.09 0.00

STATION 5_MISC_HYD 23604	27.04 0.11 0.00	23.47 -0.16 0.00	22.26 -0.20 0.00	20.51 -0.31 0.00	20.74 -0.29 0.00	23.94 -0.36 0.00	25.13 -0.97 0.00	28.04 -0.75 0.00	29.69 -1.08 0.00	31.34 -0.61 0.00	34.19 0.10 0.00	35.99 0.07 0.00	36.40 0.15 0.00	38.90 0.61 0.00	40.31 0.60 0.00	43.00 -0.17 0.00	49.16 -0.25 0.00	57.94 -0.47 0.00	51.21 -0.26 0.00	46.91 -0.09 0.00	42.37 0.33 0.00	39.40 0.50 0.00	35.45 0.56 0.00	31.40 -0.06 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	27.15 0.22 0.00	23.83 0.19 0.00	22.49 0.02 0.00	20.82 0.00 0.00	21.03 0.00 0.00	24.06 -0.24 0.00	25.50 -0.60 0.00	28.53 -0.26 0.00	30.15 -0.62 0.00	31.63 -0.32 0.00	34.29 0.20 0.00	36.07 0.14 0.00	36.51 0.25 0.00	39.10 0.80 0.00	40.51 0.79 0.00	43.35 0.17 0.00	49.44 0.15 0.12	58.52 0.12 0.00	51.67 0.21 0.00	47.33 0.33 0.00	42.45 0.42 0.00	39.59 0.70 0.00	35.41 0.52 0.00	31.52 0.06 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	26.85 -0.08 0.00	23.59 -0.05 0.00	22.22 -0.25 0.00	20.59 -0.23 0.00	20.78 -0.25 0.00	23.70 -0.61 0.00	25.00 -1.10 0.00	27.99 -0.81 0.00	29.60 -1.17 0.00	31.09 -0.86 0.00	33.82 -0.27 0.00	35.49 -0.43 0.00	36.00 -0.25 0.00	38.56 0.27 0.00	39.95 0.24 0.00	42.61 -0.56 0.00	48.71 -0.69 0.00	57.41 -0.99 0.00	50.69 -0.77 0.00	46.49 -0.52 0.00	41.70 -0.34 0.00	38.97 0.08 0.00	34.89 0.00 0.00	31.08 -0.38 0.00
STA_56____34_KV_BUS2 355983	26.85 -0.08 0.00	23.59 -0.05 0.00	22.22 -0.25 0.00	20.59 -0.23 0.00	20.78 -0.25 0.00	23.70 -0.61 0.00	25.00 -1.10 0.00	27.99 -0.81 0.00	29.60 -1.17 0.00	31.09 -0.86 0.00	33.82 -0.27 0.00	35.49 -0.43 0.00	36.00 -0.25 0.00	38.56 0.27 0.00	39.95 0.24 0.00	42.61 -0.56 0.00	48.71 -0.69 0.00	57.41 -0.99 0.00	50.69 -0.77 0.00	46.49 -0.52 0.00	41.70 -0.34 0.00	38.97 0.08 0.00	34.89 0.00 0.00	31.08 -0.38 0.00
STA_67____115KV_BK2 355882	26.96 0.03 0.00	23.69 0.05 0.00	22.31 -0.16 0.00	20.67 -0.15 0.00	20.86 -0.17 0.00	23.77 -0.53 0.00	25.05 -1.04 0.00	28.02 -0.78 0.00	29.60 -1.17 0.00	31.12 -0.83 0.00	33.85 -0.24 0.00	35.49 -0.43 0.00	36.00 -0.25 0.00	38.56 0.27 0.00	39.95 0.24 0.00	42.61 -0.56 0.00	48.71 -0.69 0.00	57.35 -1.05 0.00	50.69 -0.77 0.00	46.53 -0.47 0.00	41.74 -0.29 0.00	39.05 0.16 0.00	35.00 0.10 0.00	31.18 -0.28 0.00
STA_7____115KV_9TRANS 80674	27.17 0.24 0.00	23.85 0.21 0.00	22.46 0.00 0.00	20.82 0.00 0.00	21.01 -0.02 0.00	23.94 -0.36 0.00	25.21 -0.89 0.00	28.25 -0.55 0.00	29.88 -0.89 0.00	31.41 -0.54 0.00	34.16 0.07 0.00	35.85 -0.07 0.00	36.40 0.15 0.00	39.02 0.73 0.00	40.43 0.71 0.00	43.09 -0.09 0.00	49.21 -0.20 0.00	58.00 -0.41 0.00	51.26 -0.21 0.00	47.00 0.00 0.00	42.20 0.17 0.00	39.48 0.58 0.00	35.34 0.45 0.00	31.43 -0.03 0.00
STA_82____115KV_TB1 80780	26.96 0.03 0.00	23.69 0.05 0.00	22.31 -0.16 0.00	20.67 -0.15 0.00	20.86 -0.17 0.00	23.77 -0.53 0.00	25.05 -1.04 0.00	28.04 -0.75 0.00	29.63 -1.14 0.00	31.12 -0.83 0.00	33.85 -0.24 0.00	35.53 -0.40 0.00	36.03 -0.22 0.00	38.60 0.31 0.00	39.99 0.28 0.00	42.61 -0.56 0.00	48.71 -0.69 0.00	57.41 -0.99 0.00	50.75 -0.72 0.00	46.53 -0.47 0.00	41.74 -0.29 0.00	39.09 0.19 0.00	35.00 0.10 0.00	31.18 -0.28 0.00
STEEL____WIND 323596	27.39 0.46 0.00	23.54 -0.09 0.00	22.37 -0.09 0.00	20.57 -0.25 0.00	20.82 -0.21 0.00	23.97 -0.34 0.00	25.03 -1.07 0.00	27.96 -0.84 0.00	29.54 -1.23 0.00	31.38 -0.57 0.00	34.71 0.61 0.00	36.39 0.47 0.00	36.91 0.65 0.00	39.64 1.34 0.00	41.02 1.31 0.00	43.40 0.22 -0.01	49.66 0.25 0.00	58.07 -0.35 -0.01	51.52 0.05 0.00	47.20 0.19 0.00	42.79 0.76 0.00	39.79 0.90 0.00	36.15 1.25 0.00	31.87 0.41 0.00
STEPHTWN_115KV_BK_2 55603	29.25 0.92 -1.40	26.31 0.83 -1.85	24.53 0.76 -1.30	22.73 0.71 -1.21	22.86 0.74 -1.10	25.16 0.85 0.00	27.01 0.91 0.00	29.74 0.95 0.00	31.85 1.08 0.00	33.10 1.15 0.00	35.21 1.12 0.00	37.14 1.22 0.00	37.45 1.20 0.00	39.52 1.23 0.00	41.06 1.35 0.00	44.82 1.64 0.00	51.48 2.07 0.00	61.09 2.69 0.00	53.89 2.42 0.00	49.12 2.12 0.00	43.93 1.89 0.00	40.49 1.59 0.00	36.08 1.19 0.00	32.50 1.04 0.00
STEUBEN_REC_LFGE 323667	28.22 1.29 0.00	24.75 1.11 0.00	23.27 0.81 0.00	21.53 0.71 0.00	21.77 0.74 0.00	24.96 0.66 0.00	26.49 0.39 0.00	29.51 0.72 0.00	31.02 0.25 0.00	32.56 0.61 0.00	35.52 1.43 0.00	37.18 1.26 0.00	37.78 1.52 0.00	40.55 2.26 0.00	41.94 2.22 0.00	44.69 1.51 0.00	51.23 1.83 0.00	60.40 1.99 0.00	53.47 2.01 0.00	49.07 2.07 0.00	44.01 1.98 0.00	41.11 2.22 0.00	36.92 2.02 0.00	32.81 1.35 0.00
STILLWATER____SOLAR 323814	30.00 1.75 -1.32	26.89 1.51 -1.74	25.08 1.39 -1.22	23.25 1.29 -1.14	23.39 1.33 -1.03	25.77 1.46 0.00	27.69 1.59 0.00	30.52 1.73 0.00	32.77 2.00 0.00	34.03 2.08 0.00	36.13 2.05 0.00	38.11 2.19 0.00	38.46 2.21 0.00	40.47 2.18 0.00	41.89 2.18 0.00	45.64 2.46 0.00	52.47 3.06 0.00	62.38 3.97 0.00	55.33 3.86 0.00	50.57 3.57 0.00	45.44 3.40 0.00	41.93 3.04 0.00	37.19 2.30 0.00	33.48 2.02 0.00
STONY____BROOK 24151	36.77 2.45 -7.39	33.72 2.03 -8.05	31.24 1.93 -6.85	28.89 1.77 -6.30	25.64 1.81 -2.80	29.78 2.06 -3.41	28.39 2.30 0.00	34.69 2.74 -3.16	36.21 3.11 -2.34	36.71 3.29 -1.47	36.44 2.35 0.00	38.33 2.41 0.00	39.08 2.83 0.00	41.44 3.14 0.00	43.36 3.65 0.00	47.28 4.10 0.00	54.76 5.34 -0.02	65.02 6.60 -0.02	56.93 5.45 -0.02	51.00 3.99 0.00	45.10 3.07 0.00	45.07 3.46 -2.72	36.77 1.88 0.01	33.79 2.33 0.00
STURGEON_POOL_HYD 23609	30.94 1.51 -2.50	28.20 1.25 -3.31	26.02 1.24 -2.32	24.12 1.14 -2.16	24.13 1.14 -1.96	25.69 1.39 0.00	27.66 1.57 0.00	30.43 1.64 0.00	32.71 1.94 0.00	33.93 1.98 0.00	36.10 2.01 0.00	38.04 2.12 0.00	38.36 2.10 0.00	40.55 2.26 0.00	42.21 2.50 0.00	46.24 3.07 0.00	53.11 3.71 0.00	62.67 4.26 0.00	55.12 3.65 0.00	50.01 3.01 0.00	44.43 2.40 0.00	40.91 2.02 0.00	36.71 1.81 0.00	33.26 1.79 0.00
ST_LAW_115_BK7_LBMP 345037	26.21 -0.73 0.00	23.05 -0.59 0.00	21.90 -0.56 0.00	20.32 -0.50 0.00	20.53 -0.50 0.00	23.72 -0.58 0.00	25.55 -0.55 0.00	28.16 -0.63 0.00	30.09 -0.68 0.00	31.06 -0.89 0.00	33.07 -1.02 0.00	34.85 -1.08 0.00	35.09 -1.16 0.00	36.95 -1.34 0.00	38.28 -1.43 0.00	41.58 -1.60 0.00	47.51 -2.17 -0.28	55.84 -2.57 0.00	49.14 -2.32 0.01	44.98 -2.02 0.00	40.35 -1.68 0.00	37.26 -1.63 0.00	33.88 -1.01 0.00	30.68 -0.79 0.00
ST_LAW_115_BK8_LBMP 345038	26.21 -0.73 0.00	23.05 -0.59 0.00	21.90 -0.56 0.00	20.32 -0.50 0.00	20.53 -0.50 0.00	23.72 -0.58 0.00	25.55 -0.55 0.00	28.16 -0.63 0.00	30.09 -0.68 0.00	31.06 -0.89 0.00	33.07 -1.02 0.00	34.85 -1.08 0.00	35.09 -1.16 0.00	36.95 -1.34 0.00	38.28 -1.43 0.00	41.58 -1.60 0.00	47.51 -2.17 -0.28	55.84 -2.57 0.00	49.14 -2.32 0.01	44.98 -2.02 0.00	40.35 -1.68 0.00	37.26 -1.63 0.00	33.88 -1.01 0.00	30.68 -0.79 0.00

ST_LAW_230_BK5_LBMP 345035	26.26 -0.67 0.00	23.10 -0.54 0.00	21.95 -0.52 0.00	20.36 -0.46 0.00	20.57 -0.46 0.00	23.77 -0.53 0.00	25.60 -0.50 0.00	28.22 -0.58 0.00	30.12 -0.65 0.00	31.12 -0.83 0.00	33.13 -0.95 0.00	34.92 -1.01 0.00	35.17 -1.09 0.00	37.03 -1.26 0.00	38.40 -1.31 0.00	41.71 -1.47 0.00	47.28 -2.03 0.10	56.07 -2.34 0.00	49.34 -2.11 0.01	45.12 -1.88 0.00	40.48 -1.55 0.00	37.37 -1.52 0.00	33.95 -0.94 0.00	30.74 -0.72 0.00
ST_LAW_230_BK6_LBMP 345036	26.26 -0.67 0.00	23.10 -0.54 0.00	21.95 -0.52 0.00	20.36 -0.46 0.00	20.57 -0.46 0.00	23.77 -0.53 0.00	25.60 -0.50 0.00	28.22 -0.58 0.00	30.12 -0.65 0.00	31.12 -0.83 0.00	33.13 -0.95 0.00	34.92 -1.01 0.00	35.17 -1.09 0.00	37.03 -1.26 0.00	38.40 -1.31 0.00	41.71 -1.47 0.00	47.28 -2.03 0.10	56.07 -2.34 0.00	49.34 -2.11 0.01	45.12 -1.88 0.00	40.48 -1.55 0.00	37.37 -1.52 0.00	33.95 -0.94 0.00	30.74 -0.72 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	32.35 1.32 -4.10	30.16 1.11 -5.42	27.35 1.08 -3.81	25.33 0.98 -3.53	25.23 0.99 -3.21	25.57 1.26 0.00	27.56 1.46 0.00	30.32 1.53 0.00	32.55 1.78 0.00	33.80 1.85 0.00	35.96 1.87 0.00	37.90 1.98 0.00	38.25 1.99 0.00	40.40 2.11 0.00	42.01 2.30 0.00	45.98 2.81 0.00	52.81 3.41 0.00	62.44 4.03 0.00	54.86 3.40 0.00	49.82 2.82 0.00	44.35 2.31 0.00	40.84 1.94 0.00	36.57 1.67 0.00	33.10 1.64 0.00
SWANROAD_115KV_TB1 355699	26.55 -0.38 0.00	23.35 -0.28 0.00	21.92 -0.54 0.00	20.36 -0.46 0.00	20.53 -0.50 0.00	23.14 -1.17 0.00	24.09 -2.01 0.00	26.95 -1.84 0.00	28.31 -2.46 0.00	29.81 -2.14 0.00	32.83 -1.26 0.00	34.24 -1.69 0.00	34.88 -1.38 0.00	37.53 -0.77 0.00	38.88 -0.83 0.00	40.93 -2.25 0.00	46.84 -2.57 0.00	54.79 -3.62 0.00	48.59 -2.88 0.00	44.70 -2.30 0.00	40.06 -1.98 0.00	37.88 -1.01 0.00	34.09 -0.80 0.00	30.39 -1.07 0.00
SYNERGY___BIOGAS 323694	27.60 0.67 0.00	23.80 0.17 0.00	22.58 0.11 0.00	20.73 -0.08 0.00	20.99 -0.04 0.00	24.23 -0.07 0.00	25.21 -0.89 0.00	28.28 -0.52 0.00	29.85 -0.92 0.00	31.63 -0.32 0.00	34.81 0.72 0.00	36.54 0.61 0.00	37.02 0.76 0.00	39.71 1.42 0.00	41.14 1.43 0.00	43.57 0.39 0.00	49.80 0.39 0.00	58.53 0.12 0.00	51.98 0.51 0.00	47.71 0.71 0.00	43.30 1.26 0.00	40.29 1.40 0.00	36.43 1.53 0.00	32.06 0.60 0.00
SYRACUSE___ENERGY_ST1 323597	26.66 -0.27 0.00	23.40 -0.24 0.00	22.19 -0.27 0.00	20.55 -0.27 0.00	20.78 -0.25 0.00	23.89 -0.41 0.00	25.55 -0.55 0.00	28.36 -0.43 0.00	30.12 -0.65 0.00	31.44 -0.51 0.00	33.75 -0.34 0.00	35.60 -0.32 0.00	35.96 -0.29 0.00	38.25 -0.04 0.00	39.67 -0.04 0.00	42.79 -0.39 0.00	48.89 -0.35 0.17	58.00 -0.41 0.00	51.11 -0.36 0.00	46.77 -0.24 0.00	41.87 -0.17 0.00	38.81 -0.08 0.00	34.79 -0.10 0.00	31.15 -0.31 0.00
SYRACUSE___ENERGY_ST2 323598	26.66 -0.27 0.00	23.40 -0.24 0.00	22.19 -0.27 0.00	20.55 -0.27 0.00	20.78 -0.25 0.00	23.89 -0.41 0.00	25.55 -0.55 0.00	28.36 -0.43 0.00	30.12 -0.65 0.00	31.44 -0.51 0.00	33.75 -0.34 0.00	35.60 -0.32 0.00	35.96 -0.29 0.00	38.25 -0.04 0.00	39.67 -0.04 0.00	42.79 -0.39 0.00	48.89 -0.35 0.17	58.00 -0.41 0.00	51.11 -0.36 0.00	46.77 -0.24 0.00	41.87 -0.17 0.00	38.81 -0.08 0.00	34.79 -0.10 0.00	31.15 -0.31 0.00
SYRACUSE___POWER 24017	26.53 -0.40 0.00	23.28 -0.35 0.00	22.08 -0.38 0.00	20.46 -0.35 0.00	20.67 -0.36 0.00	23.77 -0.53 0.00	25.42 -0.68 0.00	28.22 -0.58 0.00	30.03 -0.74 0.00	31.34 -0.61 0.00	33.64 -0.44 0.00	35.49 -0.43 0.00	35.82 -0.44 0.00	38.10 -0.19 0.00	39.47 -0.24 0.00	42.61 -0.56 0.00	48.70 -0.54 0.17	57.76 -0.64 0.00	50.85 -0.62 0.00	46.53 -0.47 0.00	41.66 -0.38 0.00	38.62 -0.27 0.00	34.61 -0.28 0.00	30.99 -0.47 0.00
TALLMAN___138KV_BK151 55660	33.30 1.54 -4.83	31.34 1.32 -6.38	28.21 1.26 -4.49	26.15 1.17 -4.17	25.99 1.18 -3.78	25.77 1.46 0.00	27.77 1.67 0.00	30.55 1.76 0.00	32.80 2.03 0.00	34.06 2.11 0.00	36.24 2.15 0.00	38.19 2.26 0.00	38.57 2.32 0.00	40.74 2.45 0.00	42.37 2.66 0.00	46.37 3.19 0.00	53.26 3.85 0.00	62.96 4.56 0.00	55.27 3.81 0.00	50.11 3.10 0.00	44.60 2.56 0.00	41.07 2.18 0.00	36.78 1.88 0.00	33.29 1.82 0.00
TEALLAVE_115KV_TB7 355573	26.55 -0.38 0.00	23.28 -0.35 0.00	22.08 -0.38 0.00	20.46 -0.35 0.00	20.67 -0.36 0.00	23.77 -0.53 0.00	25.42 -0.68 0.00	28.22 -0.58 0.00	30.00 -0.77 0.00	31.31 -0.64 0.00	33.61 -0.48 0.00	35.49 -0.43 0.00	35.78 -0.47 0.00	38.06 -0.23 0.00	39.43 -0.28 0.00	42.57 -0.60 0.00	48.63 -0.59 0.18	57.65 -0.76 0.00	50.80 -0.67 0.00	46.49 -0.52 0.00	41.57 -0.46 0.00	38.58 -0.31 0.00	34.58 -0.31 0.00	30.96 -0.50 0.00
TELGRAPH_34_KV_EAST 80808	27.20 0.27 0.00	23.90 0.26 0.00	22.44 -0.02 0.00	20.82 0.00 0.00	20.99 -0.04 0.00	23.75 -0.56 0.00	24.79 -1.30 0.00	27.79 -1.01 0.00	29.24 -1.54 0.00	30.68 -1.28 0.00	33.75 -0.34 0.00	35.24 -0.68 0.00	35.86 -0.40 0.00	38.64 0.34 0.00	39.99 0.28 0.00	42.19 -0.99 0.00	48.27 -1.14 0.00	56.60 -1.81 0.00	50.13 -1.34 0.00	46.11 -0.89 0.00	41.36 -0.67 0.00	39.01 0.12 0.00	35.03 0.14 0.00	31.15 -0.31 0.00
TEMPLE___115KV_TB 2 55572	26.55 -0.38 0.00	23.31 -0.33 0.00	22.10 -0.36 0.00	20.48 -0.33 0.00	20.69 -0.34 0.00	23.77 -0.53 0.00	25.44 -0.65 0.00	28.25 -0.55 0.00	30.03 -0.74 0.00	31.34 -0.61 0.00	33.64 -0.44 0.00	35.49 -0.43 0.00	35.82 -0.44 0.00	38.10 -0.19 0.00	39.47 -0.24 0.00	42.61 -0.56 0.00	48.64 -0.59 0.18	57.71 -0.70 0.00	50.85 -0.62 0.00	46.53 -0.47 0.00	41.61 -0.42 0.00	38.58 -0.31 0.00	34.61 -0.28 0.00	30.99 -0.47 0.00
TIANA____69_KV_BK 1 55817	37.01 2.69 -7.39	33.95 2.27 -8.05	31.45 2.13 -6.85	29.10 1.98 -6.30	25.85 2.02 -2.80	30.13 2.41 -3.41	28.73 2.64 0.00	34.95 2.99 -3.16	36.40 3.29 -2.34	37.00 3.58 -1.47	36.92 2.83 0.00	38.90 2.98 0.00	39.62 3.37 0.00	41.97 3.68 0.00	44.00 4.29 0.00	48.14 4.97 0.00	56.13 6.72 -0.01	66.65 8.24 -0.01	58.37 6.90 -0.01	52.27 5.26 0.00	46.49 4.46 0.00	45.76 3.81 -3.06	37.33 2.44 0.01	34.39 2.93 0.00
TILDEN___115KV_TB1 80814	26.53 -0.40 0.00	23.28 -0.35 0.00	22.08 -0.38 0.00	20.46 -0.35 0.00	20.67 -0.36 0.00	23.77 -0.53 0.00	25.42 -0.68 0.00	28.22 -0.58 0.00	30.03 -0.74 0.00	31.34 -0.61 0.00	33.64 -0.44 0.00	35.49 -0.43 0.00	35.82 -0.44 0.00	38.10 -0.19 0.00	39.47 -0.24 0.00	42.61 -0.56 0.00	48.70 -0.54 0.17	57.76 -0.64 0.00	50.85 -0.62 0.00	46.53 -0.47 0.00	41.66 -0.38 0.00	38.62 -0.27 0.00	34.61 -0.28 0.00	30.99 -0.47 0.00
TRIGEN___CC 323695	36.47 2.15 -7.39	33.55 1.87 -8.05	31.06 1.75 -6.85	28.72 1.60 -6.30	25.43 1.60 -2.80	29.69 1.97 -3.41	28.31 2.22 0.00	34.43 2.48 -3.16	35.94 2.83 -2.34	36.39 2.97 -1.47	36.68 2.59 0.00	38.69 2.77 0.00	39.15 2.90 0.00	41.36 3.06 0.00	43.17 3.45 0.00	47.23 4.06 0.00	54.49 5.09 0.00	64.54 6.13 0.00	56.56 5.10 0.00	50.95 3.95 0.00	45.31 3.28 0.00	41.77 2.88 0.00	37.16 2.27 0.00	33.88 2.42 0.00

TRINITY__115KV__4 BK 55933	28.91 0.59 -1.38	26.03 0.57 -1.83	24.29 0.54 -1.28	22.53 0.52 -1.19	22.64 0.53 -1.08	24.91 0.61 0.00	26.70 0.60 0.00	29.43 0.63 0.00	31.54 0.77 0.00	32.75 0.80 0.00	34.87 0.78 0.00	36.75 0.83 0.00	37.09 0.83 0.00	39.14 0.84 0.00	40.58 0.87 0.00	44.25 1.08 0.00	50.84 1.43 0.00	60.16 1.75 0.00	53.06 1.60 0.00	48.41 1.41 0.00	43.25 1.22 0.00	39.86 0.97 0.00	35.59 0.70 0.00	32.09 0.63 0.00
UNION__PROCESSING_DRP 323587	26.98 0.05 0.00	23.69 0.05 0.00	22.33 -0.13 0.00	20.69 -0.12 0.00	20.88 -0.15 0.00	23.80 -0.51 0.00	25.05 -1.04 0.00	28.04 -0.75 0.00	29.63 -1.14 0.00	31.15 -0.80 0.00	33.88 -0.20 0.00	35.53 -0.40 0.00	36.03 -0.22 0.00	38.60 0.31 0.00	39.99 0.28 0.00	42.66 -0.52 0.00	48.76 -0.64 0.00	57.41 -0.99 0.00	50.75 -0.72 0.00	46.53 -0.47 0.00	41.78 -0.25 0.00	39.09 0.19 0.00	35.00 0.10 0.00	31.21 -0.25 0.00
UPPER HUDSON__HYD 24058	29.96 1.75 -1.28	26.82 1.49 -1.70	24.96 1.30 -1.19	23.17 1.25 -1.11	23.32 1.28 -1.01	25.72 1.41 0.00	27.69 1.59 0.00	30.49 1.70 0.00	32.80 2.03 0.00	34.06 2.11 0.00	35.96 1.87 0.00	37.97 2.05 0.00	38.28 2.03 0.00	40.06 1.76 0.00	41.46 1.75 0.00	45.21 2.03 0.00	51.97 2.57 0.00	61.97 3.56 0.00	55.33 3.86 0.00	50.57 3.57 0.00	45.77 3.74 0.00	42.12 3.23 0.00	37.30 2.41 0.00	33.45 1.98 0.00
UPPER RAQUET__HYD 24056	25.69 -1.24 0.00	22.62 -1.02 0.00	21.50 -0.97 0.00	19.94 -0.87 0.00	20.15 -0.88 0.00	23.31 -1.00 0.00	25.21 -0.89 0.00	27.78 -1.01 0.00	29.63 -1.14 0.00	30.45 -1.50 0.00	32.42 -1.67 0.00	34.16 -1.76 0.00	34.37 -1.89 0.00	36.15 -2.14 0.00	37.45 -2.26 0.00	40.67 -2.51 0.00	38.63 -3.66 7.12	54.15 -4.26 0.00	47.55 -3.91 0.01	43.76 -3.24 0.00	39.47 -2.57 0.00	36.29 -2.61 0.00	33.29 -1.60 0.00	30.17 -1.29 0.00
VALLEY44_115KV_TB2 355964	27.15 0.22 0.00	23.80 0.17 0.00	22.33 -0.13 0.00	20.73 -0.08 0.00	20.97 -0.06 0.00	23.92 -0.39 0.00	25.32 -0.78 0.00	27.99 -0.81 0.00	29.48 -1.29 0.00	31.06 -0.89 0.00	34.19 0.10 0.00	35.78 -0.14 0.00	36.40 0.15 0.00	38.87 0.57 0.00	40.23 0.52 0.00	42.84 -0.35 -0.01	49.01 -0.40 0.00	57.36 -1.05 -0.01	50.90 -0.57 0.00	46.63 -0.38 0.00	41.83 -0.21 0.00	39.17 0.27 0.00	35.52 0.63 0.00	31.56 0.09 0.00
VALLEY__115KV_TB 1-4 80826	27.20 0.27 0.00	23.85 0.21 0.00	22.64 0.18 0.00	21.00 0.19 0.00	21.22 0.19 0.00	24.48 0.17 0.00	26.30 0.21 0.00	29.02 0.23 0.00	31.02 0.25 0.00	32.30 0.35 0.00	34.50 0.41 0.00	36.35 0.43 0.00	36.69 0.44 0.00	38.83 0.54 0.00	40.27 0.56 0.00	43.87 0.69 0.00	50.07 0.79 0.13	59.46 1.05 0.00	52.34 0.87 0.00	47.80 0.80 0.00	42.75 0.71 0.00	39.51 0.62 0.00	35.31 0.42 0.00	31.78 0.31 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	27.78 1.37 0.52	24.15 1.21 0.69	23.08 1.10 0.48	21.41 1.04 0.45	21.65 1.03 0.41	25.50 1.19 0.00	27.48 1.38 0.00	30.23 1.44 0.00	32.22 1.45 0.00	33.58 1.63 0.00	35.93 1.84 0.00	37.79 1.87 0.00	38.17 1.92 0.00	40.59 2.30 0.00	42.13 2.42 0.00	45.90 2.72 0.00	52.52 3.11 0.00	62.26 3.85 0.00	54.71 3.24 0.00	50.11 3.10 0.00	44.81 2.77 0.00	41.38 2.49 0.00	36.88 1.99 0.00	33.13 1.67 0.00
VISCHER__FERRY HYD 24020	29.47 1.16 -1.38	26.45 0.99 -1.82	24.71 0.97 -1.28	22.90 0.89 -1.19	23.03 0.92 -1.08	25.28 0.97 0.00	27.14 1.04 0.00	30.00 1.21 0.00	32.16 1.39 0.00	33.42 1.47 0.00	35.52 1.43 0.00	37.43 1.51 0.00	37.81 1.56 0.00	39.86 1.57 0.00	41.30 1.59 0.00	44.99 1.81 0.00	51.73 2.32 0.00	61.21 2.80 0.00	54.14 2.67 0.00	49.45 2.44 0.00	44.18 2.14 0.00	40.84 1.94 0.00	36.32 1.43 0.00	32.75 1.29 0.00
V_A_10_SYNC_DSASP 323832	26.64 -0.30 0.00	23.00 -0.64 0.00	21.86 -0.61 0.00	20.11 -0.71 0.00	20.36 -0.67 0.00	23.43 -0.87 0.00	24.42 -1.67 0.00	27.26 -1.53 0.00	28.77 -2.00 0.00	30.48 -1.47 0.00	33.51 -0.58 0.00	35.17 -0.76 0.00	35.60 -0.65 0.00	38.06 -0.23 0.00	39.39 -0.32 0.00	41.83 -1.34 0.00	47.87 -1.53 0.00	56.18 -2.22 0.00	49.77 -1.70 0.00	45.69 -1.32 0.00	41.32 -0.71 0.00	38.50 -0.39 0.00	34.86 -0.03 0.00	30.83 -0.63 0.00
V_CMM_10_SYNC_DSASP 323787	26.31 -0.62 0.00	23.17 -0.47 0.00	22.01 -0.45 0.00	20.40 -0.42 0.00	20.61 -0.42 0.00	23.84 -0.46 0.00	25.68 -0.42 0.00	28.30 -0.49 0.00	30.22 -0.55 0.00	31.18 -0.77 0.00	33.24 -0.85 0.00	35.03 -0.90 0.00	35.28 -0.98 0.00	37.14 -1.15 0.00	38.48 -1.23 0.00	41.79 -1.38 0.00	47.71 -1.98 -0.28	56.07 -2.34 0.00	49.30 -2.16 0.01	45.17 -1.83 0.00	40.56 -1.47 0.00	37.45 -1.44 0.00	34.05 -0.84 0.00	30.83 -0.63 0.00
V_CMP_10_SYNC_DSASP 323788	27.31 0.38 0.00	24.06 0.43 0.00	22.85 0.38 0.00	21.17 0.35 0.00	21.37 0.34 0.00	24.84 0.53 0.00	26.91 0.81 0.00	29.71 0.92 0.00	31.73 0.95 0.00	31.15 -0.80 0.00	32.66 -1.43 0.00	34.38 -1.54 0.00	34.59 -1.67 0.00	36.49 -1.80 0.00	37.81 -1.91 0.00	40.93 -2.25 0.00	45.16 -3.06 1.18	54.67 -3.74 0.00	47.96 -3.50 0.01	44.09 -2.91 0.00	39.89 -2.14 0.00	36.48 -2.41 0.00	34.30 -0.59 0.00	32.31 0.85 0.00
V_D_10_SYNC_DSASP 323841	26.39 -0.54 0.00	23.24 -0.40 0.00	22.08 -0.38 0.00	20.48 -0.33 0.00	20.69 -0.34 0.00	23.92 -0.39 0.00	25.78 -0.31 0.00	28.42 -0.38 0.00	30.34 -0.43 0.00	31.28 -0.67 0.00	33.37 -0.72 0.00	35.13 -0.79 0.00	35.38 -0.87 0.00	37.22 -1.07 0.00	38.56 -1.15 0.00	41.84 -1.34 0.00	48.04 -2.22 -0.86	55.78 -2.63 0.00	49.04 -2.42 0.01	44.98 -2.02 0.00	40.48 -1.55 0.00	37.30 -1.60 0.00	34.19 -0.70 0.00	30.96 -0.50 0.00
V_E_10_SYNC_DSASP 323830	30.03 3.10 0.00	26.19 2.55 0.00	24.84 2.38 0.00	23.09 2.27 0.00	23.30 2.27 0.00	26.93 2.63 0.00	29.20 3.10 0.00	32.51 3.72 0.00	34.06 3.29 0.00	35.53 3.58 0.00	38.18 4.09 0.00	40.09 4.17 0.00	40.38 4.13 0.00	43.46 5.17 0.00	44.99 5.28 0.00	49.05 5.87 0.00	56.20 6.92 0.12	67.99 9.58 0.00	59.75 8.29 0.00	55.65 8.65 0.00	50.32 8.28 0.00	46.28 7.39 0.00	40.68 5.79 0.00	35.96 4.50 0.00
V_F_30_NSYNC__DSASP 323816	30.07 1.83 -1.31	26.95 1.58 -1.73	25.12 1.44 -1.22	23.30 1.35 -1.13	23.42 1.37 -1.03	25.81 1.51 0.00	27.77 1.67 0.00	30.58 1.79 0.00	32.83 2.06 0.00	34.12 2.17 0.00	36.24 2.15 0.00	38.22 2.30 0.00	38.57 2.32 0.00	40.59 2.30 0.00	42.01 2.30 0.00	45.77 2.59 0.00	52.61 3.21 0.00	62.55 4.15 0.00	55.48 4.02 0.00	50.72 3.71 0.00	45.60 3.57 0.00	42.04 3.15 0.00	37.30 2.41 0.00	33.54 2.08 0.00
V_F_30_SYNC_DSASP 323786	29.04 0.75 -1.36	26.12 0.69 -1.79	24.38 0.65 -1.26	22.59 0.60 -1.17	22.72 0.63 -1.06	25.01 0.70 0.00	26.83 0.73 0.00	29.57 0.78 0.00	31.69 0.92 0.00	32.94 0.99 0.00	35.04 0.95 0.00	36.96 1.04 0.00	37.30 1.05 0.00	39.36 1.07 0.00	40.82 1.11 0.00	44.51 1.34 0.00	51.08 1.68 0.00	60.51 2.10 0.00	53.37 1.90 0.00	48.70 1.69 0.00	43.50 1.47 0.00	40.10 1.21 0.00	35.80 0.91 0.00	32.28 0.82 0.00

V_XM10_SYNC_DSASP 323789	27.31 0.38 0.00	24.06 0.43 0.00	22.85 0.38 0.00	21.17 0.35 0.00	21.37 0.34 0.00	24.84 0.53 0.00	26.91 0.81 0.00	29.71 0.92 0.00	31.73 0.95 0.00	31.15 -0.80 0.00	32.66 -1.43 0.00	34.38 -1.54 0.00	34.59 -1.67 0.00	36.49 -1.80 0.00	37.81 -1.91 0.00	40.93 -2.25 0.00	45.16 -3.06 1.18	54.67 -3.74 0.00	47.96 -3.50 0.01	44.09 -2.91 0.00	39.89 -2.14 0.00	36.48 -2.41 0.00	34.30 -0.59 0.00	32.31 0.85 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	32.95 1.59 -4.43	30.86 1.37 -5.86	27.88 1.30 -4.12	25.85 1.21 -3.82	25.72 1.22 -3.47	25.81 1.51 0.00	27.84 1.75 0.00	30.64 1.84 0.00	32.89 2.12 0.00	34.15 2.20 0.00	36.34 2.25 0.00	38.29 2.37 0.00	38.65 2.39 0.00	40.86 2.57 0.00	42.45 2.74 0.00	46.46 3.28 0.00	53.36 3.95 0.00	63.08 4.67 0.00	55.38 3.91 0.00	50.25 3.24 0.00	44.72 2.69 0.00	41.19 2.29 0.00	36.88 1.99 0.00	33.38 1.92 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	32.41 1.91 -3.57	30.01 1.65 -4.72	27.31 1.53 -3.32	25.29 1.39 -3.08	25.21 1.39 -2.80	26.06 1.75 0.00	28.16 2.06 0.00	31.13 2.33 0.00	33.45 2.68 0.00	34.83 2.88 0.00	36.99 2.90 0.00	39.01 3.09 0.00	39.33 3.08 0.00	41.55 3.25 0.00	43.25 3.53 0.00	47.36 4.19 0.00	54.39 4.99 0.00	64.25 5.84 0.00	56.36 4.89 0.00	51.05 4.04 0.00	45.23 3.19 0.00	41.58 2.68 0.00	37.30 2.41 0.00	33.76 2.30 0.00
W50THST__13_KV_LOAD 356117	32.57 2.07 -3.57	30.13 1.77 -4.72	27.44 1.66 -3.32	25.39 1.50 -3.08	25.34 1.51 -2.80	26.20 1.90 0.00	28.34 2.24 0.00	31.33 2.53 0.00	33.72 2.95 0.00	35.08 3.13 0.00	37.29 3.20 0.00	39.30 3.38 0.00	39.66 3.41 0.00	41.89 3.60 0.00	43.60 3.89 0.00	47.75 4.58 0.00	54.84 5.43 0.00	64.77 6.37 0.00	56.82 5.35 0.00	51.42 4.42 0.00	45.52 3.49 0.00	41.85 2.96 0.00	37.51 2.62 0.00	33.95 2.49 0.00
WADING RIVER_IC_1 23522	36.52 2.21 -7.39	33.50 1.82 -8.05	31.04 1.73 -6.85	28.70 1.58 -6.30	25.47 1.64 -2.80	29.57 1.85 -3.41	28.16 2.06 0.00	34.43 2.48 -3.16	35.91 2.80 -2.34	36.39 2.97 -1.47	36.13 2.05 0.00	38.01 2.08 0.00	38.75 2.50 0.00	41.13 2.83 0.00	43.05 3.34 0.00	47.15 3.97 0.00	54.80 5.39 -0.01	65.13 6.71 -0.01	57.04 5.56 -0.01	51.05 4.04 0.00	45.14 3.11 0.00	45.18 3.30 -2.99	36.49 1.61 0.01	33.54 2.08 0.00
WADING RIVER_IC_2 23547	36.52 2.21 -7.39	33.50 1.82 -8.05	31.04 1.73 -6.85	28.70 1.58 -6.30	25.47 1.64 -2.80	29.57 1.85 -3.41	28.16 2.06 0.00	34.43 2.48 -3.16	35.91 2.80 -2.34	36.39 2.97 -1.47	36.13 2.05 0.00	38.01 2.08 0.00	38.75 2.50 0.00	41.13 2.83 0.00	43.05 3.34 0.00	47.15 3.97 0.00	54.80 5.39 -0.01	65.13 6.71 -0.01	57.04 5.56 -0.01	51.05 4.04 0.00	45.14 3.11 0.00	45.18 3.30 -2.99	36.49 1.61 0.01	33.54 2.08 0.00
WADING RIVER_IC_3 23601	36.52 2.21 -7.39	33.50 1.82 -8.05	31.04 1.73 -6.85	28.70 1.58 -6.30	25.47 1.64 -2.80	29.57 1.85 -3.41	28.16 2.06 0.00	34.43 2.48 -3.16	35.91 2.80 -2.34	36.39 2.97 -1.47	36.13 2.05 0.00	38.01 2.08 0.00	38.75 2.50 0.00	41.13 2.83 0.00	43.05 3.34 0.00	47.15 3.97 0.00	54.80 5.39 -0.01	65.13 6.71 -0.01	57.04 5.56 -0.01	51.05 4.04 0.00	45.14 3.11 0.00	45.18 3.30 -2.99	36.49 1.61 0.01	33.54 2.08 0.00
WALDENNY_12_KV_BK2 80841	27.39 0.46 0.00	24.04 0.40 0.00	22.58 0.11 0.00	20.94 0.12 0.00	21.14 0.11 0.00	23.92 -0.39 0.00	25.08 -1.02 0.00	28.02 -0.78 0.00	29.54 -1.23 0.00	31.12 -0.83 0.00	34.33 0.24 0.00	35.85 -0.07 0.00	36.55 0.29 0.00	39.37 1.07 0.00	40.79 1.07 0.00	43.05 -0.13 0.00	49.26 -0.15 0.00	57.60 -0.82 0.00	51.01 -0.46 0.00	46.77 -0.24 0.00	41.87 -0.17 0.00	39.44 0.54 0.00	35.56 0.66 0.00	31.62 0.16 0.00
WALDEN__HYDRO 24148	32.53 1.51 -4.09	30.32 1.28 -5.40	27.50 1.24 -3.80	25.49 1.14 -3.53	25.37 1.14 -3.20	25.69 1.39 0.00	27.69 1.59 0.00	30.43 1.64 0.00	32.71 1.94 0.00	33.93 1.98 0.00	36.10 2.01 0.00	38.01 2.08 0.00	38.36 2.10 0.00	40.55 2.26 0.00	42.17 2.46 0.00	46.15 2.98 0.00	53.06 3.66 0.00	62.73 4.32 0.00	55.17 3.71 0.00	50.11 3.10 0.00	44.60 2.56 0.00	41.07 2.18 0.00	36.78 1.88 0.00	33.26 1.79 0.00
WARRENSBURG____ 23737	29.96 1.75 -1.28	26.82 1.49 -1.70	24.96 1.30 -1.19	23.17 1.25 -1.11	23.32 1.28 -1.01	25.72 1.41 0.00	27.69 1.59 0.00	30.49 1.70 0.00	32.80 2.03 0.00	34.06 2.11 0.00	35.96 1.87 0.00	37.97 2.05 0.00	38.28 2.03 0.00	40.06 1.76 0.00	41.46 1.75 0.00	45.21 2.03 0.00	51.97 2.57 0.00	61.97 3.56 0.00	55.33 3.86 0.00	50.57 3.57 0.00	45.77 3.74 0.00	42.12 3.23 0.00	37.30 2.41 0.00	33.45 1.98 0.00
WATERSIDE____6 8 9 23538	32.52 2.02 -3.57	30.08 1.73 -4.72	27.40 1.62 -3.32	25.35 1.46 -3.08	25.28 1.45 -2.80	26.11 1.80 0.00	28.24 2.14 0.00	31.18 2.39 0.00	35.74 2.77 -2.20	34.89 2.94 0.00	37.05 2.97 0.00	38.87 2.95 0.00	39.19 2.94 0.00	41.36 3.06 0.00	43.09 3.38 0.00	47.05 3.89 0.02	54.02 4.64 0.03	63.84 5.43 0.00	56.05 4.58 0.00	50.81 3.81 0.00	44.98 2.94 0.00	41.38 2.49 0.00	37.19 2.30 0.00	33.88 2.42 0.00
WATKINRD_115KV_LN8_ILLION 55919	27.15 0.22 0.00	23.80 0.17 0.00	22.62 0.16 0.00	20.96 0.15 0.00	21.18 0.15 0.00	24.45 0.15 0.00	26.28 0.18 0.00	28.99 0.20 0.00	30.99 0.22 0.00	32.21 0.26 0.00	34.39 0.31 0.00	36.25 0.32 0.00	36.58 0.33 0.00	38.68 0.38 0.00	40.15 0.44 0.00	43.69 0.52 0.00	49.92 0.64 0.13	59.28 0.88 0.00	52.19 0.72 0.00	47.66 0.66 0.00	42.62 0.59 0.00	39.40 0.51 0.00	35.21 0.31 0.00	31.71 0.25 0.00
WATSON__69_KV_BK 1 55734	37.20 2.88 -7.39	34.14 2.46 -8.05	31.63 2.31 -6.85	29.24 2.12 -6.30	26.00 2.17 -2.80	30.30 2.58 -3.41	28.91 2.82 0.00	35.15 3.20 -3.16	36.71 3.60 -2.34	37.28 3.87 -1.47	37.16 3.07 0.00	39.16 3.23 0.00	39.81 3.55 0.00	42.18 3.87 -0.02	44.08 4.37 0.00	48.18 5.01 0.00	55.73 6.32 -0.01	66.12 7.71 -0.01	57.96 6.48 -0.01	51.99 4.98 0.00	46.41 4.37 0.00	54.77 3.85 -12.03	37.54 2.65 0.01	34.55 3.08 0.00
WDELAWARE__HYD 323627	28.68 0.75 -0.99	25.52 0.57 -1.31	23.95 0.56 -0.92	22.21 0.54 -0.86	22.35 0.55 -0.78	24.96 0.66 0.00	26.88 0.78 0.00	29.63 0.84 0.00	31.88 1.11 0.00	32.97 1.02 0.00	35.04 0.95 0.00	36.89 0.97 0.00	37.34 1.09 0.00	39.44 1.15 0.00	41.02 1.31 0.00	44.99 1.81 0.00	51.73 2.32 0.00	61.21 2.80 0.00	53.83 2.37 0.00	48.98 1.97 0.00	43.54 1.51 0.00	40.29 1.40 0.00	35.87 0.98 0.00	32.40 0.94 0.00
WEST BABYLON__IC 23714	37.09 2.77 -7.39	34.05 2.36 -8.05	31.54 2.22 -6.85	29.16 2.04 -6.30	25.89 2.06 -2.80	30.20 2.48 -3.41	28.84 2.74 0.00	35.04 3.08 -3.16	36.58 3.48 -2.34	37.12 3.71 -1.47	37.02 2.93 0.00	39.01 3.09 0.00	39.62 3.37 0.00	41.94 3.64 -0.01	43.84 4.13 0.00	47.92 4.75 0.00	55.33 5.93 0.00	65.65 7.24 0.00	57.59 6.12 0.00	51.70 4.70 0.00	46.11 4.08 0.00	48.13 3.62 -5.63	37.47 2.58 0.01	34.45 2.99 0.00

WEST CANADA___HYD 24049	27.07 0.14 0.00	23.76 0.12 0.00	22.58 0.11 0.00	20.92 0.10 0.00	21.14 0.11 0.00	24.43 0.12 0.00	26.20 0.10 0.00	28.94 0.14 0.00	30.92 0.15 0.00	32.14 0.19 0.00	34.29 0.21 0.00	36.14 0.22 0.00	36.47 0.22 0.00	38.56 0.27 0.00	40.03 0.32 0.00	43.52 0.34 0.00	49.72 0.44 0.13	58.99 0.58 0.00	51.98 0.51 0.00	47.43 0.42 0.00	42.41 0.38 0.00	39.24 0.35 0.00	35.10 0.21 0.00	31.62 0.16 0.00
WESTERN_NY_WIND 24143	27.58 0.65 0.00	24.23 0.59 0.00	22.73 0.27 0.00	21.07 0.25 0.00	21.26 0.23 0.00	24.11 -0.19 0.00	25.19 -0.91 0.00	28.31 -0.49 0.00	29.79 -0.98 0.00	31.25 -0.70 0.00	34.26 0.17 0.00	35.82 -0.11 0.00	36.44 0.18 0.00	39.25 0.96 0.00	40.67 0.95 0.00	42.96 -0.22 0.00	49.11 -0.30 0.00	57.71 -0.70 0.00	51.16 -0.31 0.00	47.05 0.05 0.00	42.29 0.25 0.00	39.79 0.89 0.00	35.70 0.80 0.00	31.68 0.22 0.00
WESTOVER___LESR 323668	27.31 0.38 0.00	23.95 0.31 0.00	22.67 0.20 0.00	21.00 0.19 0.00	21.22 0.19 0.00	24.43 0.12 0.00	26.12 0.03 0.00	28.91 0.12 0.00	30.71 -0.06 0.00	32.08 0.13 0.00	34.57 0.48 0.00	36.39 0.47 0.00	36.80 0.54 0.00	39.17 0.88 0.00	40.58 0.87 0.00	43.82 0.65 0.00	50.20 0.79 0.00	59.28 0.88 0.00	52.29 0.82 0.00	47.85 0.85 0.00	42.79 0.76 0.00	39.71 0.82 0.00	35.62 0.73 0.00	31.87 0.41 0.00
WETHRSFD_WT_PWR 323626	27.31 0.38 0.00	23.54 -0.09 0.00	22.35 -0.11 0.00	20.59 -0.23 0.00	20.84 -0.19 0.00	24.02 -0.29 0.00	25.18 -0.91 0.00	28.10 -0.69 0.00	29.67 -1.11 0.00	31.41 -0.54 0.00	34.57 0.48 0.00	36.28 0.36 0.00	36.76 0.51 0.00	39.36 1.07 0.00	40.74 1.03 0.00	43.27 0.09 0.00	49.51 0.10 0.00	58.12 -0.29 0.00	51.52 0.05 0.00	47.24 0.24 0.00	42.75 0.71 0.00	39.75 0.85 0.00	35.98 1.08 0.00	31.81 0.35 0.00
WHAVSTOR_138KV_BK127 55557	32.79 1.48 -4.38	30.70 1.28 -5.79	27.75 1.21 -4.07	25.74 1.14 -3.78	25.60 1.14 -3.43	25.74 1.43 0.00	27.71 1.62 0.00	30.52 1.73 0.00	32.77 2.00 0.00	34.03 2.08 0.00	36.17 2.08 0.00	38.11 2.19 0.00	38.46 2.21 0.00	40.67 2.37 0.00	42.25 2.54 0.00	46.24 3.07 0.00	53.11 3.71 0.00	62.79 4.38 0.00	55.12 3.65 0.00	50.01 3.01 0.00	44.51 2.48 0.00	40.99 2.10 0.00	36.71 1.81 0.00	33.22 1.76 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	32.79 1.48 -4.38	30.70 1.28 -5.79	27.75 1.21 -4.07	25.74 1.14 -3.78	25.60 1.14 -3.43	25.74 1.43 0.00	27.71 1.62 0.00	30.52 1.73 0.00	32.77 2.00 0.00	34.03 2.08 0.00	36.17 2.08 0.00	38.11 2.19 0.00	38.46 2.21 0.00	40.67 2.37 0.00	42.25 2.54 0.00	46.24 3.07 0.00	53.11 3.71 0.00	62.79 4.38 0.00	55.12 3.65 0.00	50.01 3.01 0.00	44.51 2.48 0.00	40.99 2.10 0.00	36.71 1.81 0.00	33.22 1.76 0.00
WHITEHAL_115KV_TB1 80871	30.67 2.45 -1.29	27.52 2.17 -1.70	25.62 1.95 -1.20	23.70 1.77 -1.11	23.87 1.83 -1.01	26.45 2.14 0.00	28.39 2.30 0.00	31.15 2.36 0.00	33.54 2.77 0.00	34.83 2.88 0.00	36.85 2.76 0.00	38.94 3.02 0.00	39.23 2.97 0.00	41.05 2.76 0.00	42.45 2.74 0.00	46.28 3.11 0.00	53.26 3.85 0.00	63.78 5.37 0.00	56.92 5.46 0.00	52.08 5.08 0.00	47.20 5.17 0.00	43.33 4.43 0.00	38.35 3.45 0.00	34.29 2.83 0.00
WHITEPLN_13_KV_LOAD 356215	32.64 2.10 -3.61	30.23 1.82 -4.77	27.51 1.68 -3.36	25.47 1.54 -3.12	25.40 1.54 -2.83	26.23 1.92 0.00	28.31 2.22 0.00	31.24 2.45 0.00	33.60 2.83 0.00	34.92 2.97 0.00	37.16 3.07 0.00	39.16 3.23 0.00	39.55 3.30 0.00	41.82 3.52 0.00	43.48 3.77 0.00	47.62 4.45 0.00	54.84 5.43 0.00	64.83 6.42 0.00	56.82 5.35 0.00	51.52 4.51 0.00	45.69 3.66 0.00	42.04 3.15 0.00	37.54 2.65 0.00	33.95 2.49 0.00
WM_FLOYD_69_KV_BK2 356380	36.77 2.45 -7.39	33.76 2.08 -8.05	31.27 1.95 -6.85	28.93 1.81 -6.30	25.68 1.85 -2.80	29.93 2.21 -3.41	28.52 2.43 0.00	34.69 2.74 -3.16	36.18 3.08 -2.34	36.71 3.29 -1.47	36.51 2.42 0.00	38.44 2.51 0.00	39.12 2.86 0.00	41.44 3.14 0.00	43.40 3.69 0.00	47.49 4.32 0.00	55.20 5.78 -0.01	65.54 7.13 -0.01	57.50 6.02 -0.01	51.52 4.51 0.00	45.90 3.87 0.00	45.51 3.27 -3.35	36.98 2.09 0.01	34.07 2.61 0.00
WOODARD__115KV_TB2 355635	26.47 -0.46 0.00	23.24 -0.40 0.00	22.06 -0.40 0.00	20.42 -0.40 0.00	20.65 -0.38 0.00	23.72 -0.58 0.00	25.37 -0.73 0.00	28.16 -0.63 0.00	29.94 -0.83 0.00	31.25 -0.70 0.00	33.54 -0.55 0.00	35.38 -0.54 0.00	35.71 -0.54 0.00	37.99 -0.31 0.00	39.35 -0.36 0.00	42.48 -0.69 0.00	48.54 -0.69 0.18	57.59 -0.82 0.00	50.75 -0.72 0.00	46.44 -0.56 0.00	41.53 -0.50 0.00	38.50 -0.39 0.00	34.51 -0.38 0.00	30.90 -0.57 0.00
YORK___WARBASSE 23770	32.65 2.15 -3.57	30.22 1.87 -4.72	27.53 1.75 -3.32	25.49 1.58 -3.09	25.42 1.60 -2.80	26.23 1.92 0.00	28.34 2.24 0.00	31.33 2.53 0.00	35.86 2.89 -2.20	37.21 3.07 -2.19	37.19 3.10 0.00	39.01 3.09 0.00	39.33 3.08 0.00	41.55 3.25 0.00	43.33 3.61 0.00	62.45 4.19 -15.09	59.68 4.99 -5.29	64.19 5.78 0.00	76.95 4.99 -20.50	59.73 4.18 -8.54	45.23 3.19 0.00	41.58 2.68 0.00	37.37 2.48 0.00	34.10 2.64 0.00