

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/31/2024

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	33.48	31.34	28.80	27.87	27.93	29.77	31.89	35.29	37.51	39.50	41.05	44.00	43.49	48.00	50.53	56.90	64.35	70.83	67.56	60.34	55.40	44.94	41.75	38.81
24138	2.73	2.32	2.09	1.99	1.95	2.08	2.50	2.94	3.19	3.26	3.60	3.70	3.70	3.88	4.30	5.13	5.90	6.50	5.80	4.88	4.29	3.71	3.48	2.94
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	33.32	31.34	28.83	27.89	27.93	29.74	31.78	35.23	37.44	39.76	41.01	43.92	43.37	47.87	50.39	56.90	64.06	70.51	67.38	60.17	55.30	44.89	41.52	38.85
24260	2.58	2.32	2.11	2.02	1.95	2.05	2.38	2.88	3.12	3.52	3.56	3.63	3.58	3.75	4.16	5.13	5.61	6.18	5.62	4.71	4.19	3.67	3.25	2.98
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	33.32	31.34	28.83	27.89	27.93	29.74	31.78	35.23	37.44	39.76	41.01	43.92	43.37	47.87	50.39	56.90	64.06	70.51	67.38	60.17	55.30	44.89	41.52	38.85
24261	2.58	2.32	2.11	2.02	1.95	2.05	2.38	2.88	3.12	3.52	3.56	3.63	3.58	3.75	4.16	5.13	5.61	6.18	5.62	4.71	4.19	3.67	3.25	2.98
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	32.95	31.20	28.70	27.76	27.90	29.80	31.51	34.71	36.86	38.96	39.88	43.00	42.25	46.68	48.77	54.88	62.07	68.77	67.01	60.28	55.86	44.85	41.21	38.38
24011	2.21	2.18	1.98	1.89	1.92	2.10	2.12	2.36	2.54	2.72	2.43	2.70	2.47	2.56	2.54	3.11	3.62	4.44	5.25	4.82	4.75	3.63	2.95	2.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	33.17	31.34	28.83	27.87	28.03	29.96	31.72	34.91	37.10	39.03	40.07	43.28	42.49	46.94	48.95	55.19	62.42	69.22	67.56	60.78	56.37	45.22	41.56	38.59
23798	2.43	2.32	2.11	1.99	2.05	2.27	2.32	2.56	2.78	2.79	2.62	2.98	2.71	2.83	2.73	3.42	3.98	4.89	5.80	5.32	5.27	4.00	3.29	2.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	32.95	31.20	28.70	27.76	27.90	29.80	31.51	34.71	36.86	38.96	39.88	43.00	42.25	46.68	48.77	54.88	62.07	68.77	67.01	60.28	55.86	44.85	41.21	38.38
24028	2.21	2.18	1.98	1.89	1.92	2.10	2.12	2.36	2.54	2.72	2.43	2.70	2.47	2.56	2.54	3.11	3.62	4.44	5.25	4.82	4.75	3.63	2.95	2.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	32.65	30.73	28.35	27.48	27.56	29.30	31.16	34.19	36.21	38.05	39.40	42.19	41.53	46.01	48.31	54.05	61.37	67.61	65.09	58.34	53.92	43.49	40.41	37.84
23527	1.91	1.71	1.63	1.60	1.58	1.61	1.76	1.84	1.89	1.81	1.95	1.89	1.75	1.90	2.08	2.28	2.92	3.28	3.33	2.88	2.81	2.27	2.14	1.97
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	31.33	29.60	27.33	26.47	26.58	28.24	29.93	32.93	34.90	36.89	38.05	40.86	40.26	44.60	46.78	52.45	59.26	65.36	62.87	56.40	51.93	41.97	38.84	36.41
24190	0.58	0.58	0.61	0.60	0.60	0.55	0.53	0.58	0.58	0.65	0.60	0.56	0.48	0.49	0.55	0.67	0.82	1.03	1.11	0.94	0.82	0.74	0.57	0.54
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	29.97	28.38	26.13	25.33	25.46	27.14	28.87	31.83	33.60	35.37	36.55	39.21	38.71	42.93	44.98	50.12	56.17	58.74	58.79	53.18	49.27	39.82	37.00	35.04
355683	-0.77	-0.64	-0.59	-0.54	-0.52	-0.55	-0.53	-0.52	-0.72	-0.87	-0.90	-1.09	-1.07	-1.19	-1.25	-1.66	-2.28	-2.64	-2.53	-2.27	-1.84	-1.40	-1.26	-0.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.96	0.44	0.01	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	32.06	30.29	27.92	27.06	27.15	28.88	30.57	33.42	35.42	37.22	38.42	41.22	40.62	45.00	47.20	53.02	59.96	66.20	63.74	57.29	52.79	42.67	39.60	37.02
323833	1.32	1.28	1.20	1.19	1.17	1.19	1.18	1.07	1.10	0.98	0.97	0.93	0.84	0.88	0.97	1.24	1.52	1.87	1.98	1.83	1.68	1.44	1.34	1.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	32.06	30.27	27.92	27.04	27.15	28.85	30.54	33.42	35.42	37.22	38.42	41.22	40.62	45.00	47.20	53.02	59.96	66.20	63.74	57.23	52.79	42.67	39.57	37.02
323834	1.32	1.25	1.20	1.17	1.17	1.16	1.15	1.07	1.10	0.98	0.97	0.93	0.84	0.88	0.97	1.24	1.52	1.87	1.98	1.77	1.68	1.44	1.30	1.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	31.33	29.60	27.33	26.47	26.58	28.24	29.93	32.93	34.90	36.89	38.05	40.86	40.26	44.60	46.78	52.45	59.26	65.36	62.87	56.40	51.93	41.97	38.84	36.41
23571	0.58	0.58	0.61	0.60	0.60	0.55	0.53	0.58	0.58	0.65	0.60	0.56	0.48	0.49	0.55	0.67	0.82	1.03	1.11	0.94	0.82	0.74	0.57	0.54
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	31.33 0.58 0.00	29.60 0.58 0.00	27.33 0.61 0.00	26.47 0.60 0.00	26.58 0.60 0.00	28.24 0.55 0.00	29.93 0.53 0.00	32.93 0.58 0.00	34.90 0.58 0.00	36.89 0.65 0.00	38.05 0.60 0.00	40.86 0.56 0.00	40.26 0.48 0.00	44.60 0.49 0.00	46.78 0.55 0.00	52.45 0.67 0.00	59.26 0.82 0.00	65.36 1.03 0.00	62.87 1.11 0.00	56.40 0.94 0.00	51.93 0.82 0.00	41.97 0.74 0.00	38.84 0.57 0.00	36.41 0.54 0.00
ALBANY___3 23573	31.33 0.58 0.00	29.60 0.58 0.00	27.33 0.61 0.00	26.47 0.60 0.00	26.58 0.60 0.00	28.24 0.55 0.00	29.93 0.53 0.00	32.93 0.58 0.00	34.90 0.58 0.00	36.89 0.65 0.00	38.05 0.60 0.00	40.86 0.56 0.00	40.26 0.48 0.00	44.60 0.49 0.00	46.78 0.55 0.00	52.45 0.67 0.00	59.26 0.82 0.00	65.36 1.03 0.00	62.87 1.11 0.00	56.40 0.94 0.00	51.93 0.82 0.00	41.97 0.74 0.00	38.84 0.57 0.00	36.41 0.54 0.00
ALBANY___4 23574	31.33 0.58 0.00	29.60 0.58 0.00	27.33 0.61 0.00	26.47 0.60 0.00	26.58 0.60 0.00	28.24 0.55 0.00	29.93 0.53 0.00	32.93 0.58 0.00	34.90 0.58 0.00	36.89 0.65 0.00	38.05 0.60 0.00	40.86 0.56 0.00	40.26 0.48 0.00	44.60 0.49 0.00	46.78 0.55 0.00	52.45 0.67 0.00	59.26 0.82 0.00	65.36 1.03 0.00	62.87 1.11 0.00	56.40 0.94 0.00	51.93 0.82 0.00	41.97 0.74 0.00	38.84 0.57 0.00	36.41 0.54 0.00
ALBANY___LFGE 323615	31.79 1.05 0.00	29.98 0.96 0.00	27.63 0.91 0.00	26.78 0.91 0.00	26.86 0.88 0.00	28.58 0.89 0.00	30.34 0.94 0.00	33.32 0.97 0.00	35.38 1.07 0.00	37.25 1.01 0.00	38.54 1.09 0.00	41.42 1.13 0.00	40.82 1.03 0.00	45.26 1.15 0.00	47.43 1.20 0.00	53.22 1.45 0.00	60.14 1.70 0.00	66.26 1.93 0.00	63.74 1.98 0.00	57.18 1.72 0.00	52.69 1.59 0.00	42.54 1.32 0.00	39.41 1.15 0.00	36.87 1.00 0.00
ALCOA_PA_115KV_PL-6C 55860	30.03 -0.71 0.00	28.47 -0.55 0.00	26.21 -0.51 0.00	25.38 -0.49 0.00	25.54 -0.44 0.00	27.25 -0.44 0.00	28.98 -0.41 0.00	32.00 -0.36 0.00	33.70 -0.62 0.00	35.48 -0.76 0.00	36.66 -0.79 0.00	39.25 -1.05 0.00	38.79 -0.99 0.00	42.97 -1.15 0.00	45.12 -1.11 0.00	50.17 -1.61 0.00	55.87 -2.57 0.00	58.45 -3.02 2.86	58.50 -2.84 0.42	52.90 -2.55 0.01	49.06 -2.04 0.00	39.66 -1.57 0.00	37.08 -1.19 0.00	35.15 -0.72 0.00
ALCOA_RYNLDS___DRP 24188	30.03 -0.71 0.00	28.47 -0.55 0.00	26.21 -0.51 0.00	25.38 -0.49 0.00	25.54 -0.44 0.00	27.25 -0.44 0.00	28.98 -0.41 0.00	32.00 -0.36 0.00	33.70 -0.62 0.00	35.48 -0.76 0.00	36.66 -0.79 0.00	39.25 -1.05 0.00	38.79 -0.99 0.00	42.97 -1.15 0.00	45.12 -1.11 0.00	50.17 -1.61 0.00	55.87 -2.57 0.00	58.45 -3.02 2.86	58.50 -2.84 0.42	52.90 -2.55 0.01	49.06 -2.04 0.00	39.66 -1.57 0.00	37.08 -1.19 0.00	35.15 -0.72 0.00
ALCOA___DSASP 323711	30.06 -0.68 0.00	28.47 -0.55 0.00	26.21 -0.51 0.00	25.41 -0.46 0.00	25.54 -0.44 0.00	27.25 -0.44 0.00	28.98 -0.41 0.00	32.00 -0.36 0.00	33.70 -0.62 0.00	35.70 -0.54 0.00	36.66 -0.79 0.00	39.25 -1.05 0.00	38.75 -1.03 0.00	42.97 -1.15 0.00	45.17 -1.06 0.00	50.17 -1.61 0.00	55.87 -2.57 0.00	58.45 -3.02 2.86	58.50 -2.84 0.42	52.90 -2.55 0.01	49.06 -2.05 0.00	39.66 -1.57 0.00	37.27 -1.00 0.00	35.15 -0.72 0.00
ALLEGHENY___COGEN 23514	32.28 1.54 0.00	30.50 1.48 0.00	27.84 1.12 0.00	26.78 0.91 0.00	26.99 1.01 0.00	29.10 1.41 0.00	30.57 1.18 0.00	33.10 0.74 0.00	34.83 0.52 0.00	35.62 -0.62 0.00	37.19 -0.26 0.00	40.74 0.44 0.00	40.50 0.72 0.00	45.26 1.15 0.00	46.87 0.65 0.00	53.02 1.24 0.00	60.61 2.16 0.00	67.61 3.28 0.00	65.77 4.01 0.00	59.90 4.44 0.00	55.61 4.50 0.00	44.11 2.88 0.00	40.52 2.26 0.00	37.44 1.58 0.00
ALTAMONT_115KV_TB 2 55880	31.66 0.92 0.00	29.92 0.90 0.00	27.60 0.88 0.00	26.75 0.88 0.00	26.84 0.86 0.00	28.55 0.86 0.00	30.25 0.85 0.00	33.29 0.94 0.00	35.28 0.96 0.00	37.33 1.09 0.00	38.50 1.05 0.00	41.34 1.05 0.00	40.78 0.99 0.00	45.18 1.06 0.00	47.38 1.16 0.00	53.12 1.35 0.00	60.02 1.58 0.00	66.14 1.80 0.00	63.61 1.85 0.00	57.07 1.61 0.00	52.59 1.48 0.00	42.50 1.28 0.00	39.34 1.07 0.00	36.84 0.97 0.00
ALTONA_WT_PWR 323606	30.22 -0.52 0.00	28.70 -0.32 0.00	26.42 -0.29 0.00	25.59 -0.28 0.00	25.85 -0.13 0.00	27.66 -0.03 0.00	29.54 0.15 0.00	32.32 -0.03 0.00	34.08 -0.24 0.00	36.24 0.00 0.00	37.26 -0.19 0.00	40.02 -0.28 0.00	39.55 -0.24 0.00	43.94 -0.18 0.00	46.18 -0.05 0.00	50.27 -1.50 0.00	56.16 -2.28 0.00	58.64 -2.76 2.93	58.43 -2.90 0.43	52.46 -3.00 0.01	49.11 -1.99 0.00	39.99 -1.24 0.00	37.15 -1.11 0.00	35.29 -0.58 0.00
AMERICAN_REF_FUEL 24010	30.04 -0.71 0.00	28.47 -0.55 0.00	25.92 -0.80 0.00	24.92 -0.96 0.00	25.10 -0.88 0.00	26.89 -0.80 0.00	28.19 -1.21 0.00	30.38 -1.97 0.00	32.74 -1.58 0.00	35.15 -1.09 0.00	37.15 -0.30 0.00	40.66 0.36 0.00	40.62 0.84 0.00	45.66 1.54 0.00	47.06 0.83 0.00	53.17 1.40 0.00	60.49 2.04 0.00	66.72 2.38 0.00	63.74 1.98 0.00	57.57 2.11 0.00	53.05 1.94 0.00	41.68 0.45 0.00	38.46 0.19 0.00	36.23 0.36 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	31.42 0.68 0.00	29.66 0.64 0.00	27.04 0.32 0.00	25.95 0.08 0.00	26.11 0.13 0.00	28.22 0.52 0.00	29.69 0.29 0.00	32.48 0.13 0.00	34.97 0.65 0.00	37.54 1.30 0.00	39.74 2.28 0.00	43.44 3.15 0.00	43.49 3.70 0.00	48.93 4.81 0.00	50.43 4.21 0.00	57.06 5.28 0.00	64.93 6.49 0.00	71.48 7.14 0.00	68.43 6.67 0.00	61.72 6.26 0.00	56.73 5.62 0.00	44.56 3.34 0.00	41.06 2.79 0.00	38.34 2.47 0.00
ARTHUR KILL_GT_1 23520	33.37 2.61 -0.02	31.43 2.41 -0.01	28.89 2.16 -0.01	27.93 2.04 -0.01	27.95 1.97 0.00	29.63 1.94 0.00	31.69 2.29 0.00	35.00 2.65 0.00	37.30 2.98 0.01	38.91 2.68 0.01	40.51 3.07 0.01	43.43 3.15 0.01	42.96 3.18 0.01	42.49 3.31 4.94	42.58 3.65 7.30	42.82 4.76 13.72	47.26 5.14 16.33	53.59 5.66 16.41	50.40 5.07 16.42	44.86 4.38 14.98	42.66 3.68 12.13	42.33 3.38 2.28	41.47 3.21 0.01	38.92 3.05 0.00
ARTHUR_KILL_2 23512	33.25 2.49 -0.02	31.32 2.29 -0.01	28.78 2.06 -0.01	27.82 1.94 -0.01	27.85 1.87 0.00	29.55 1.86 0.00	31.60 2.21 0.00	34.88 2.53 0.00	37.19 2.88 0.01	38.77 2.54 0.01	40.37 2.92 0.01	43.27 2.98 0.01	42.80 3.02 0.01	42.27 3.09 4.94	42.40 3.47 7.30	42.56 4.50 13.72	46.96 4.85 16.33	53.20 5.28 16.41	50.09 4.76 16.42	44.52 4.05 14.98	42.41 3.42 12.13	42.08 3.13 2.28	41.32 3.06 0.01	38.74 2.87 0.00
ARTHUR_KILL_3 23513	33.18 2.43 -0.01	31.02 2.00 0.00	28.54 1.82 0.00	27.59 1.71 0.00	27.64 1.66 0.00	29.44 1.75 0.00	31.57 2.18 0.00	34.91 2.56 0.00	37.20 2.88 0.00	39.07 2.83 0.00	40.52 3.07 0.00	43.36 3.06 0.00	42.73 2.94 0.00	42.19 3.00 4.93	42.31 3.37 7.29	42.31 4.25 13.71	46.80 4.68 16.32	53.08 5.15 16.40	49.92 4.57 16.42	44.31 3.82 14.97	42.31 3.32 12.12	41.96 3.01 2.27	41.21 2.95 0.00	38.34 2.47 0.00

ARTHUR_KILL_COGEN 323718	33.37 2.61 -0.02	31.43 2.41 -0.01	28.89 2.16 -0.01	27.93 2.04 -0.01	27.95 1.97 0.00	29.63 1.94 0.00	31.69 2.29 0.00	35.00 2.65 0.00	37.30 2.98 0.01	38.91 2.68 0.01	40.51 3.07 0.01	43.43 3.15 0.01	42.96 3.18 0.01	42.49 3.31 4.94	42.58 3.65 7.30	42.82 4.76 13.72	47.26 5.14 16.33	53.59 5.66 16.41	50.40 5.07 16.42	44.86 4.38 14.98	42.66 3.68 12.13	42.33 3.38 2.28	41.47 3.21 0.01	38.92 3.05 0.00
ASHOKAN____ 23654	32.59 1.84 0.00	30.73 1.71 0.00	28.27 1.55 0.00	27.40 1.53 0.00	27.51 1.53 0.00	29.13 1.44 0.00	31.01 1.62 0.00	33.84 1.49 0.00	35.93 1.61 0.00	37.80 1.56 0.00	38.95 1.50 0.00	41.87 1.57 0.00	41.42 1.63 0.00	45.93 1.81 0.00	48.31 2.08 0.00	54.52 2.74 0.00	61.54 3.10 0.00	68.51 4.18 0.00	66.21 4.45 0.00	59.45 4.00 0.00	54.48 3.37 0.00	43.82 2.60 0.00	40.41 2.14 0.00	37.77 1.90 0.00
ASTORIA_EAST_ENERGY_CC1 323581	33.52 2.77 -0.01	31.43 2.41 -0.01	28.92 2.19 -0.01	27.98 2.09 -0.01	28.01 2.03 -0.01	29.82 2.13 0.00	31.87 2.47 0.00	35.07 2.72 0.00	37.30 2.98 0.01	39.02 2.79 0.01	40.59 3.15 0.01	43.43 3.15 0.01	42.92 3.14 0.01	47.33 3.22 0.01	49.73 3.51 0.01	56.34 4.56 -0.01	63.42 4.96 -0.01	69.75 5.40 -0.01	66.65 4.88 -0.01	59.57 4.10 -0.01	54.63 3.52 0.00	44.56 3.34 0.00	41.63 3.37 0.00	38.88 3.01 0.00
ASTORIA_EAST_ENERGY_CC2 323582	33.52 2.77 -0.01	31.43 2.41 -0.01	28.92 2.19 -0.01	27.98 2.09 -0.01	28.01 2.03 -0.01	29.82 2.13 0.00	31.87 2.47 0.00	35.07 2.72 0.00	37.30 2.98 0.01	39.02 2.79 0.01	40.59 3.15 0.01	43.43 3.15 0.01	42.92 3.14 0.01	47.33 3.22 0.01	49.73 3.51 0.01	56.34 4.56 -0.01	63.42 4.96 -0.01	69.75 5.40 -0.01	66.65 4.88 -0.01	59.57 4.10 -0.01	54.63 3.52 0.00	44.56 3.34 0.00	41.63 3.37 0.00	38.88 3.01 0.00
ASTORIA_GT2_1 24094	33.39 2.64 -0.01	31.44 2.41 -0.01	28.92 2.19 -0.01	27.98 2.10 -0.01	28.01 2.03 -0.01	29.82 2.13 0.00	31.78 2.38 0.00	35.07 2.72 0.00	37.10 2.78 0.00	39.39 3.15 0.00	40.63 3.18 0.00	43.48 3.18 0.00	42.97 3.18 0.00	47.38 3.26 0.00	49.83 3.61 0.00	56.33 4.56 0.00	63.42 4.97 -0.01	69.75 5.40 -0.01	66.70 4.94 0.00	59.63 4.16 -0.01	54.63 3.53 0.00	44.60 3.38 0.00	41.44 3.18 0.00	38.92 3.05 0.00
ASTORIA_GT2_2 24095	33.39 2.64 -0.01	31.44 2.41 -0.01	28.92 2.19 -0.01	27.98 2.10 -0.01	28.01 2.03 -0.01	29.82 2.13 0.00	31.78 2.38 0.00	35.07 2.72 0.00	37.10 2.78 0.00	39.39 3.15 0.00	40.63 3.18 0.00	43.48 3.18 0.00	42.97 3.18 0.00	47.38 3.26 0.00	49.83 3.61 0.00	56.33 4.56 0.00	63.42 4.97 -0.01	69.75 5.40 -0.01	66.70 4.94 0.00	59.63 4.16 -0.01	54.63 3.53 0.00	44.60 3.38 0.00	41.44 3.18 0.00	38.92 3.05 0.00
ASTORIA_GT2_3 24096	33.39 2.64 -0.01	31.44 2.41 -0.01	28.92 2.19 -0.01	27.98 2.10 -0.01	28.01 2.03 -0.01	29.82 2.13 0.00	31.78 2.38 0.00	35.07 2.72 0.00	37.10 2.78 0.00	39.39 3.15 0.00	40.63 3.18 0.00	43.48 3.18 0.00	42.97 3.18 0.00	47.38 3.26 0.00	49.83 3.61 0.00	56.33 4.56 0.00	63.42 4.97 -0.01	69.75 5.40 -0.01	66.70 4.94 0.00	59.63 4.16 -0.01	54.63 3.53 0.00	44.60 3.38 0.00	41.44 3.18 0.00	38.92 3.05 0.00
ASTORIA_GT2_4 24097	33.39 2.64 -0.01	31.44 2.41 -0.01	28.92 2.19 -0.01	27.98 2.10 -0.01	28.01 2.03 -0.01	29.82 2.13 0.00	31.78 2.38 0.00	35.07 2.72 0.00	37.10 2.78 0.00	39.39 3.15 0.00	40.63 3.18 0.00	43.48 3.18 0.00	42.97 3.18 0.00	47.38 3.26 0.00	49.83 3.61 0.00	56.33 4.56 0.00	63.42 4.97 -0.01	69.75 5.40 -0.01	66.70 4.94 0.00	59.63 4.16 -0.01	54.63 3.53 0.00	44.60 3.38 0.00	41.44 3.18 0.00	38.92 3.05 0.00
ASTORIA_GT3_1 24098	33.39 2.64 -0.01	31.44 2.41 -0.01	28.92 2.19 -0.01	27.98 2.10 -0.01	28.01 2.03 -0.01	29.82 2.13 0.00	31.78 2.38 0.00	35.07 2.72 0.00	37.10 2.78 0.00	39.39 3.15 0.00	40.63 3.18 0.00	43.48 3.18 0.00	42.97 3.18 0.00	47.38 3.26 0.00	49.83 3.61 0.00	56.33 4.56 0.00	63.42 4.97 -0.01	69.75 5.40 -0.01	66.70 4.94 0.00	59.63 4.16 -0.01	54.63 3.53 0.00	44.60 3.38 0.00	41.44 3.18 0.00	38.92 3.05 0.00
ASTORIA_GT3_2 24099	33.39 2.64 -0.01	31.44 2.41 -0.01	28.92 2.19 -0.01	27.98 2.10 -0.01	28.01 2.03 -0.01	29.82 2.13 0.00	31.78 2.38 0.00	35.07 2.72 0.00	37.10 2.78 0.00	39.39 3.15 0.00	40.63 3.18 0.00	43.48 3.18 0.00	42.97 3.18 0.00	47.38 3.26 0.00	49.83 3.61 0.00	56.33 4.56 0.00	63.42 4.97 -0.01	69.75 5.40 -0.01	66.70 4.94 0.00	59.63 4.16 -0.01	54.63 3.53 0.00	44.60 3.38 0.00	41.44 3.18 0.00	38.92 3.05 0.00
ASTORIA_GT3_3 24100	33.39 2.64 -0.01	31.44 2.41 -0.01	28.92 2.19 -0.01	27.98 2.10 -0.01	28.01 2.03 -0.01	29.82 2.13 0.00	31.78 2.38 0.00	35.07 2.72 0.00	37.10 2.78 0.00	39.39 3.15 0.00	40.63 3.18 0.00	43.48 3.18 0.00	42.97 3.18 0.00	47.38 3.26 0.00	49.83 3.61 0.00	56.33 4.56 0.00	63.42 4.97 -0.01	69.75 5.40 -0.01	66.70 4.94 0.00	59.63 4.16 -0.01	54.63 3.53 0.00	44.60 3.38 0.00	41.44 3.18 0.00	38.92 3.05 0.00
ASTORIA_GT3_4 24101	33.39 2.64 -0.01	31.44 2.41 -0.01	28.92 2.19 -0.01	27.98 2.10 -0.01	28.01 2.03 -0.01	29.82 2.13 0.00	31.78 2.38 0.00	35.07 2.72 0.00	37.10 2.78 0.00	39.39 3.15 0.00	40.63 3.18 0.00	43.48 3.18 0.00	42.97 3.18 0.00	47.38 3.26 0.00	49.83 3.61 0.00	56.33 4.56 0.00	63.42 4.97 -0.01	69.75 5.40 -0.01	66.70 4.94 0.00	59.63 4.16 -0.01	54.63 3.53 0.00	44.60 3.38 0.00	41.44 3.18 0.00	38.92 3.05 0.00
ASTORIA_GT4_1 24102	33.39 2.64 -0.01	31.44 2.41 -0.01	28.92 2.19 -0.01	27.98 2.10 -0.01	28.01 2.03 -0.01	29.82 2.13 0.00	31.78 2.38 0.00	35.07 2.72 0.00	37.10 2.78 0.00	39.39 3.15 0.00	40.63 3.18 0.00	43.48 3.18 0.00	42.97 3.18 0.00	47.38 3.26 0.00	49.83 3.61 0.00	56.33 4.56 0.00	63.42 4.97 -0.01	69.75 5.40 -0.01	66.70 4.94 0.00	59.63 4.16 -0.01	54.63 3.53 0.00	44.60 3.38 0.00	41.44 3.18 0.00	38.92 3.05 0.00
ASTORIA_GT4_2 24103	33.39 2.64 -0.01	31.44 2.41 -0.01	28.92 2.19 -0.01	27.98 2.10 -0.01	28.01 2.03 -0.01	29.82 2.13 0.00	31.78 2.38 0.00	35.07 2.72 0.00	37.10 2.78 0.00	39.39 3.15 0.00	40.63 3.18 0.00	43.48 3.18 0.00	42.97 3.18 0.00	47.38 3.26 0.00	49.83 3.61 0.00	56.33 4.56 0.00	63.42 4.97 -0.01	69.75 5.40 -0.01	66.70 4.94 0.00	59.63 4.16 -0.01	54.63 3.53 0.00	44.60 3.38 0.00	41.44 3.18 0.00	38.92 3.05 0.00
ASTORIA_GT4_3 24104	33.39 2.64 -0.01	31.44 2.41 -0.01	28.92 2.19 -0.01	27.98 2.10 -0.01	28.01 2.03 -0.01	29.82 2.13 0.00	31.78 2.38 0.00	35.07 2.72 0.00	37.10 2.78 0.00	39.39 3.15 0.00	40.63 3.18 0.00	43.48 3.18 0.00	42.97 3.18 0.00	47.38 3.26 0.00	49.83 3.61 0.00	56.33 4.56 0.00	63.42 4.97 -0.01	69.75 5.40 -0.01	66.70 4.94 0.00	59.63 4.16 -0.01	54.63 3.53 0.00	44.60 3.38 0.00	41.44 3.18 0.00	38.92 3.05 0.00

ASTORIA_GT4_4 24105	33.39 2.64 -0.01	31.44 2.41 -0.01	28.92 2.19 -0.01	27.98 2.10 -0.01	28.01 2.03 -0.01	29.82 2.13 0.00	31.78 2.38 0.00	35.07 2.72 0.00	37.10 2.78 0.00	39.39 3.15 0.00	40.63 3.18 0.00	43.48 3.18 0.00	42.97 3.18 0.00	47.38 3.26 0.00	49.83 3.61 0.00	56.33 4.56 0.00	63.42 4.97 -0.01	69.75 5.40 -0.01	66.70 4.94 0.00	59.63 4.16 -0.01	54.63 3.53 0.00	44.60 3.38 0.00	41.44 3.18 0.00	38.92 3.05 0.00
ASTORIA_GT_1 23523	33.61 2.86 -0.01	31.49 2.47 -0.01	28.97 2.24 -0.01	28.03 2.15 -0.01	28.07 2.08 -0.01	29.88 2.19 0.00	31.95 2.56 0.00	35.16 2.81 0.00	37.40 3.09 0.01	39.17 2.93 0.01	40.70 3.26 0.01	43.59 3.30 0.01	43.08 3.30 0.01	47.51 3.40 0.01	49.92 3.70 0.01	56.54 4.76 -0.01	63.65 5.20 -0.01	70.01 5.66 -0.01	66.89 5.12 -0.01	59.80 4.33 -0.01	54.79 3.68 0.00	44.73 3.50 0.00	41.78 3.52 0.00	39.03 3.16 0.00
ASTORIA_GT_10 24110	33.20 2.46 0.00	31.22 2.21 0.00	28.72 2.00 0.00	27.79 1.91 0.00	27.85 1.87 0.00	29.63 1.94 0.00	31.63 2.23 0.00	35.04 2.69 0.00	37.13 2.81 0.00	39.47 3.23 0.00	40.67 3.22 0.00	43.52 3.22 0.00	43.01 3.22 0.00	47.38 3.26 0.00	49.83 3.61 0.00	56.33 4.56 0.00	63.35 4.91 0.00	69.67 5.34 0.00	66.58 4.82 0.00	59.45 3.99 0.00	54.53 3.42 0.00	44.48 3.26 0.00	41.25 2.98 0.00	38.70 2.83 0.00
ASTORIA_GT_11 24225	33.20 2.46 0.00	31.22 2.21 0.00	28.72 2.00 0.00	27.79 1.91 0.00	27.85 1.87 0.00	29.63 1.94 0.00	31.63 2.23 0.00	35.04 2.69 0.00	37.13 2.81 0.00	39.47 3.23 0.00	40.67 3.22 0.00	43.52 3.22 0.00	43.01 3.22 0.00	47.38 3.26 0.00	49.83 3.61 0.00	56.33 4.56 0.00	63.35 4.91 0.00	69.67 5.34 0.00	66.58 4.82 0.00	59.45 3.99 0.00	54.53 3.42 0.00	44.48 3.26 0.00	41.25 2.98 0.00	38.70 2.83 0.00
ASTORIA_GT_12 24226	33.20 2.46 0.00	31.22 2.21 0.00	28.72 2.00 0.00	27.79 1.91 0.00	27.85 1.87 0.00	29.63 1.94 0.00	31.63 2.23 0.00	35.04 2.69 0.00	37.13 2.81 0.00	39.47 3.23 0.00	40.67 3.22 0.00	43.52 3.22 0.00	43.01 3.22 0.00	47.38 3.26 0.00	49.83 3.61 0.00	56.33 4.56 0.00	63.35 4.91 0.00	69.67 5.34 0.00	66.58 4.82 0.00	59.45 3.99 0.00	54.53 3.42 0.00	44.48 3.26 0.00	41.25 2.98 0.00	38.70 2.83 0.00
ASTORIA_GT_13 24227	33.20 2.46 0.00	31.22 2.21 0.00	28.72 2.00 0.00	27.79 1.91 0.00	27.85 1.87 0.00	29.63 1.94 0.00	31.63 2.23 0.00	35.04 2.69 0.00	37.13 2.81 0.00	39.47 3.23 0.00	40.67 3.22 0.00	43.52 3.22 0.00	43.01 3.22 0.00	47.38 3.26 0.00	49.83 3.61 0.00	56.33 4.56 0.00	63.35 4.91 0.00	69.67 5.34 0.00	66.58 4.82 0.00	59.45 3.99 0.00	54.53 3.42 0.00	44.48 3.26 0.00	41.25 2.98 0.00	38.70 2.83 0.00
ASTORIA_GT_5 24106	33.45 2.71 -0.01	31.49 2.47 -0.01	28.97 2.24 -0.01	28.03 2.15 -0.01	28.06 2.08 -0.01	29.88 2.19 0.00	31.84 2.44 0.00	35.13 2.78 0.00	37.20 2.88 0.00	39.50 3.26 0.00	40.75 3.30 0.00	43.60 3.30 0.00	43.09 3.30 0.00	47.51 3.40 0.00	49.97 3.74 0.00	56.54 4.76 0.00	63.65 5.20 -0.01	70.00 5.66 -0.01	66.95 5.19 0.00	59.79 4.33 -0.01	54.79 3.68 0.00	44.73 3.50 0.00	41.56 3.29 0.00	39.02 3.16 0.00
ASTORIA_GT_7 24107	33.45 2.71 -0.01	31.49 2.47 -0.01	28.97 2.24 -0.01	28.03 2.15 -0.01	28.06 2.08 -0.01	29.88 2.19 0.00	31.84 2.44 0.00	35.13 2.78 0.00	37.20 2.88 0.00	39.50 3.26 0.00	40.75 3.30 0.00	43.60 3.30 0.00	43.09 3.30 0.00	47.51 3.40 0.00	49.97 3.74 0.00	56.54 4.76 0.00	63.65 5.20 -0.01	70.00 5.66 -0.01	66.95 5.19 0.00	59.79 4.33 -0.01	54.79 3.68 0.00	44.73 3.50 0.00	41.56 3.29 0.00	39.02 3.16 0.00
ASTORIA_GT_8 24108	33.45 2.71 -0.01	31.49 2.47 -0.01	28.97 2.24 -0.01	28.03 2.15 -0.01	28.06 2.08 -0.01	29.88 2.19 0.00	31.84 2.44 0.00	35.13 2.78 0.00	37.20 2.88 0.00	39.50 3.26 0.00	40.75 3.30 0.00	43.60 3.30 0.00	43.09 3.30 0.00	47.51 3.40 0.00	49.97 3.74 0.00	56.54 4.76 0.00	63.65 5.20 -0.01	70.00 5.66 -0.01	66.95 5.19 0.00	59.79 4.33 -0.01	54.79 3.68 0.00	44.73 3.50 0.00	41.56 3.29 0.00	39.02 3.16 0.00
ASTORIA___2 24149	33.55 2.80 -0.01	31.43 2.41 -0.01	28.92 2.19 -0.01	27.98 2.09 -0.01	28.01 2.03 -0.01	29.82 2.13 0.00	31.89 2.50 0.00	35.07 2.72 0.00	37.30 2.98 0.01	39.06 2.83 0.01	40.59 3.15 0.01	43.47 3.18 0.01	42.96 3.18 0.01	47.33 3.22 0.01	49.78 3.56 0.01	56.34 4.56 -0.01	63.42 4.96 -0.01	69.75 5.40 -0.01	66.65 4.88 -0.01	59.63 4.16 -0.01	54.63 3.52 0.00	44.61 3.38 0.00	41.67 3.40 0.00	38.92 3.05 0.00
ASTORIA___3 23516	33.35 2.61 0.00	31.25 2.23 0.00	28.75 2.03 0.00	27.79 1.91 0.00	27.85 1.87 0.00	29.63 1.94 0.00	31.72 2.32 0.00	35.03 2.68 0.00	37.34 3.02 0.00	39.10 2.86 0.00	40.67 3.22 0.00	43.52 3.22 0.00	43.01 3.22 0.00	47.38 3.26 0.00	49.79 3.56 0.00	56.33 4.56 0.00	63.35 4.91 0.00	69.67 5.34 0.00	66.52 4.76 0.00	59.45 4.00 0.00	54.53 3.42 0.00	44.48 3.26 0.00	41.48 3.21 0.00	38.70 2.83 0.00
ASTORIA___4 23517	33.20 2.46 0.00	31.22 2.21 0.00	28.72 2.00 0.00	27.79 1.91 0.00	27.85 1.87 0.00	29.63 1.94 0.00	31.63 2.23 0.00	35.04 2.69 0.00	37.13 2.81 0.00	39.47 3.23 0.00	40.67 3.22 0.00	43.52 3.22 0.00	43.01 3.22 0.00	47.38 3.26 0.00	49.83 3.61 0.00	56.33 4.56 0.00	63.35 4.91 0.00	69.67 5.34 0.00	66.58 4.82 0.00	59.45 3.99 0.00	54.53 3.42 0.00	44.48 3.26 0.00	41.25 2.98 0.00	38.70 2.83 0.00
ASTORIA___5 23518	33.35 2.61 0.00	31.25 2.23 0.00	28.75 2.03 0.00	27.79 1.91 0.00	27.85 1.87 0.00	29.63 1.94 0.00	31.72 2.32 0.00	35.03 2.68 0.00	37.34 3.02 0.00	39.10 2.86 0.00	40.67 3.22 0.00	43.52 3.22 0.00	43.01 3.22 0.00	47.38 3.26 0.00	49.79 3.56 0.00	56.33 4.56 0.00	63.35 4.91 0.00	69.67 5.34 0.00	66.52 4.76 0.00	59.50 4.05 0.00	54.53 3.42 0.00	44.48 3.26 0.00	41.48 3.21 0.00	38.70 2.83 0.00
AST_ENERGY_2_CC3 323677	33.23 2.49 0.00	31.11 2.09 0.00	28.59 1.87 0.00	27.66 1.78 0.00	27.69 1.71 0.00	29.52 1.83 0.00	31.60 2.21 0.00	34.94 2.59 0.00	37.20 2.88 0.00	39.07 2.83 0.00	40.60 3.15 0.00	43.48 3.18 0.00	42.93 3.14 0.00	47.38 3.26 0.00	49.84 3.61 0.00	56.28 4.50 0.00	63.41 4.96 0.00	69.80 5.47 0.00	66.64 4.88 0.00	59.56 4.10 0.00	54.74 3.63 0.00	44.44 3.22 0.00	41.36 3.10 0.00	38.49 2.62 0.00
AST_ENERGY_2_CC4 323678	33.23 2.49 0.00	31.11 2.09 0.00	28.59 1.87 0.00	27.66 1.78 0.00	27.69 1.71 0.00	29.52 1.83 0.00	31.60 2.21 0.00	34.94 2.59 0.00	37.20 2.88 0.00	39.07 2.83 0.00	40.60 3.15 0.00	43.48 3.18 0.00	42.93 3.14 0.00	47.38 3.26 0.00	49.84 3.61 0.00	56.28 4.50 0.00	63.41 4.96 0.00	69.80 5.47 0.00	66.64 4.88 0.00	59.56 4.10 0.00	54.74 3.63 0.00	44.44 3.22 0.00	41.36 3.10 0.00	38.49 2.62 0.00

ATHENS_STG_1 23668	31.88 1.14 0.00	30.03 1.02 0.00	27.71 0.99 0.00	26.86 0.98 0.00	26.94 0.96 0.00	28.66 0.97 0.00	30.42 1.03 0.00	33.51 1.16 0.00	35.59 1.27 0.00	37.43 1.19 0.00	38.80 1.35 0.00	41.62 1.33 0.00	41.06 1.27 0.00	45.44 1.32 0.00	47.71 1.48 0.00	53.54 1.76 0.00	60.49 2.04 0.00	66.59 2.25 0.00	63.86 2.10 0.00	57.29 1.83 0.00	52.64 1.53 0.00	42.63 1.40 0.00	39.57 1.30 0.00	36.94 1.08 0.00
ATHENS_STG_2 23670	31.88 1.14 0.00	30.03 1.02 0.00	27.71 0.99 0.00	26.86 0.98 0.00	26.94 0.96 0.00	28.66 0.97 0.00	30.42 1.03 0.00	33.51 1.16 0.00	35.59 1.27 0.00	37.43 1.19 0.00	38.80 1.35 0.00	41.62 1.33 0.00	41.06 1.27 0.00	45.44 1.32 0.00	47.71 1.48 0.00	53.54 1.76 0.00	60.49 2.04 0.00	66.59 2.25 0.00	63.86 2.10 0.00	57.29 1.83 0.00	52.64 1.53 0.00	42.63 1.40 0.00	39.57 1.30 0.00	36.94 1.08 0.00
ATHENS_STG_3 23677	31.88 1.14 0.00	30.03 1.02 0.00	27.71 0.99 0.00	26.86 0.98 0.00	26.94 0.96 0.00	28.66 0.97 0.00	30.42 1.03 0.00	33.51 1.16 0.00	35.59 1.27 0.00	37.43 1.19 0.00	38.80 1.35 0.00	41.62 1.33 0.00	41.06 1.27 0.00	45.44 1.32 0.00	47.71 1.48 0.00	53.54 1.76 0.00	60.49 2.04 0.00	66.59 2.25 0.00	63.86 2.10 0.00	57.29 1.83 0.00	52.64 1.53 0.00	42.63 1.40 0.00	39.57 1.30 0.00	36.94 1.08 0.00
AUBURN___LFGE 323710	31.23 0.49 0.00	29.37 0.35 0.00	26.93 0.21 0.00	26.03 0.16 0.00	26.13 0.16 0.00	28.00 0.30 0.00	29.75 0.35 0.00	32.67 0.32 0.00	34.83 0.51 0.00	37.42 0.65 -0.53	38.20 0.75 0.00	41.38 1.09 0.00	40.90 1.11 0.00	45.57 1.46 0.00	47.52 1.29 0.00	53.38 1.61 0.00	60.55 2.10 0.00	66.78 2.44 0.00	64.11 2.35 0.00	59.13 2.22 -1.45	54.66 1.99 -1.56	42.95 1.28 -0.45	39.79 1.30 -0.22	36.66 0.79 0.00
BABYLON_RES_REC 323704	38.77 2.98 -5.05	36.50 2.61 -4.87	32.86 2.38 -3.77	31.56 2.28 -3.41	31.10 2.23 -2.89	33.17 2.35 -3.12	34.30 2.73 -2.17	36.08 3.11 -0.63	38.78 3.43 -1.03	39.50 3.26 0.00	40.90 3.44 0.00	43.54 3.06 -0.18	42.85 3.06 0.00	47.69 3.53 -0.05	50.63 3.42 -0.98	55.97 4.19 0.00	74.84 5.14 -11.25	74.19 5.66 -4.19	67.01 5.25 0.00	59.62 4.16 0.00	54.84 3.73 0.00	44.85 3.63 0.00	41.37 3.10 0.00	39.20 3.34 0.00
BABYLON___69_KV_BK2 356345	39.05 3.26 -5.05	36.88 2.99 -4.87	33.21 2.73 -3.77	31.90 2.61 -3.41	31.44 2.57 -2.89	33.53 2.71 -3.12	34.56 3.00 -2.17	36.47 3.49 -0.63	39.12 3.78 -1.03	40.44 4.20 0.00	41.51 4.04 -0.01	44.53 4.07 -0.17	43.86 4.06 -0.01	48.79 4.63 -0.04	51.99 4.90 -0.86	57.37 5.59 0.00	75.17 6.84 -9.89	75.54 7.53 -3.68	68.87 7.10 0.00	61.23 5.77 0.00	56.44 5.32 -0.01	45.97 4.74 0.00	41.95 3.67 -0.01	39.71 3.84 0.00
BALL_HILL_WT_PWR 323825	31.14 0.40 0.00	29.40 0.38 0.00	26.80 0.08 0.00	25.75 -0.13 0.00	25.90 -0.08 0.00	27.89 0.20 0.00	29.34 -0.06 0.00	31.93 -0.42 0.00	34.39 0.07 0.00	36.86 0.62 0.00	38.95 1.50 0.00	42.59 2.30 0.00	42.57 2.78 0.00	47.91 3.79 0.00	49.41 3.19 0.00	55.92 4.14 0.00	63.59 5.14 0.00	70.06 5.72 0.00	66.95 5.19 0.00	60.39 4.93 0.00	55.45 4.34 0.00	43.57 2.35 0.00	40.18 1.91 0.00	37.59 1.72 0.00
BARON_WINDS___WT_PWR 323822	31.17 0.43 0.00	29.40 0.38 0.00	26.88 0.16 0.00	25.90 0.03 0.00	26.06 0.08 0.00	28.02 0.33 0.00	29.51 0.12 0.00	32.25 -0.10 0.00	34.49 0.17 0.00	36.88 0.51 -0.13	38.54 1.09 0.00	41.91 1.61 0.00	41.70 1.91 0.00	46.63 2.51 0.00	48.36 2.13 0.00	54.57 2.79 0.00	62.07 3.62 0.00	68.51 4.18 0.00	65.84 4.08 0.00	59.70 3.88 -0.36	54.97 3.48 -0.38	43.43 2.10 -0.11	40.04 1.72 -0.05	37.23 1.36 0.00
BARRETT_IC_1 23704	38.49 2.71 -5.05	36.24 2.35 -4.87	32.68 2.19 -3.77	31.38 2.09 -3.41	30.90 2.03 -2.89	32.97 2.16 -3.12	34.06 2.50 -2.17	35.79 2.81 -0.63	38.40 3.05 -1.03	39.14 2.90 0.00	40.48 3.03 0.00	43.23 2.90 -0.03	42.69 2.90 0.00	47.35 3.22 -0.01	49.66 3.28 -0.15	55.86 4.09 0.01	64.96 4.85 -1.67	70.22 5.28 -0.61	66.58 4.82 0.00	59.45 4.00 0.00	54.59 3.48 0.00	44.52 3.30 0.00	41.52 3.25 0.00	38.84 2.98 0.00
BARRETT_IC_10 23701	38.49 2.71 -5.05	36.24 2.35 -4.87	32.68 2.19 -3.77	31.38 2.09 -3.41	30.90 2.03 -2.89	32.97 2.16 -3.12	34.06 2.50 -2.17	35.79 2.81 -0.63	38.40 3.05 -1.03	39.14 2.90 0.00	40.48 3.03 0.00	43.23 2.90 -0.03	42.69 2.90 0.00	47.35 3.22 -0.01	49.66 3.28 -0.15	55.86 4.09 0.01	64.96 4.85 -1.67	70.22 5.28 -0.61	66.58 4.82 0.00	59.45 4.00 0.00	54.59 3.48 0.00	44.52 3.30 0.00	41.52 3.25 0.00	38.84 2.98 0.00
BARRETT_IC_11 23702	38.49 2.71 -5.05	36.24 2.35 -4.87	32.68 2.19 -3.77	31.38 2.09 -3.41	30.90 2.03 -2.89	32.97 2.16 -3.12	34.06 2.50 -2.17	35.79 2.81 -0.63	38.40 3.05 -1.03	39.14 2.90 0.00	40.48 3.03 0.00	43.23 2.90 -0.03	42.69 2.90 0.00	47.35 3.22 -0.01	49.66 3.28 -0.15	55.86 4.09 0.01	64.96 4.85 -1.67	70.22 5.28 -0.61	66.58 4.82 0.00	59.45 4.00 0.00	54.59 3.48 0.00	44.52 3.30 0.00	41.52 3.25 0.00	38.84 2.98 0.00
BARRETT_IC_12 23703	38.49 2.71 -5.05	36.24 2.35 -4.87	32.68 2.19 -3.77	31.38 2.09 -3.41	30.90 2.03 -2.89	32.97 2.16 -3.12	34.06 2.50 -2.17	35.79 2.81 -0.63	38.40 3.05 -1.03	39.14 2.90 0.00	40.48 3.03 0.00	43.23 2.90 -0.03	42.69 2.90 0.00	47.35 3.22 -0.01	49.66 3.28 -0.15	55.86 4.09 0.01	64.96 4.85 -1.67	70.22 5.28 -0.61	66.58 4.82 0.00	59.45 4.00 0.00	54.59 3.48 0.00	44.52 3.30 0.00	41.52 3.25 0.00	38.84 2.98 0.00
BARRETT_IC_2 23705	38.49 2.71 -5.05	36.24 2.35 -4.87	32.68 2.19 -3.77	31.38 2.09 -3.41	30.90 2.03 -2.89	32.97 2.16 -3.12	34.06 2.50 -2.17	35.79 2.81 -0.63	38.40 3.05 -1.03	39.14 2.90 0.00	40.48 3.03 0.00	43.23 2.90 -0.03	42.69 2.90 0.00	47.35 3.22 -0.01	49.66 3.28 -0.15	55.86 4.09 0.01	64.96 4.85 -1.67	70.22 5.28 -0.61	66.58 4.82 0.00	59.45 4.00 0.00	54.59 3.48 0.00	44.52 3.30 0.00	41.52 3.25 0.00	38.84 2.98 0.00
BARRETT_IC_3 23706	38.49 2.71 -5.05	36.24 2.35 -4.87	32.68 2.19 -3.77	31.38 2.09 -3.41	30.90 2.03 -2.89	32.97 2.16 -3.12	34.06 2.50 -2.17	35.79 2.81 -0.63	38.40 3.05 -1.03	39.14 2.90 0.00	40.48 3.03 0.00	43.23 2.90 -0.03	42.69 2.90 0.00	47.35 3.22 -0.01	49.66 3.28 -0.15	55.86 4.09 0.01	64.96 4.85 -1.67	70.22 5.28 -0.61	66.58 4.82 0.00	59.45 4.00 0.00	54.59 3.48 0.00	44.52 3.30 0.00	41.52 3.25 0.00	38.84 2.98 0.00
BARRETT_IC_4 23707	38.49 2.71 -5.05	36.24 2.35 -4.87	32.68 2.19 -3.77	31.38 2.09 -3.41	30.90 2.03 -2.89	32.97 2.16 -3.12	34.06 2.50 -2.17	35.79 2.81 -0.63	38.40 3.05 -1.03	39.14 2.90 0.00	40.48 3.03 0.00	43.23 2.90 -0.03	42.69 2.90 0.00	47.35 3.22 -0.01	49.66 3.28 -0.15	55.86 4.09 0.01	64.96 4.85 -1.67	70.22 5.28 -0.61	66.58 4.82 0.00	59.45 4.00 0.00	54.59 3.48 0.00	44.52 3.30 0.00	41.52 3.25 0.00	38.84 2.98 0.00

BARRETT_IC_5 23708	38.49 2.71 -5.05	36.24 2.35 -4.87	32.68 2.19 -3.77	31.38 2.09 -3.41	30.90 2.03 -2.89	32.97 2.16 -3.12	34.06 2.50 -2.17	35.79 2.81 -0.63	38.40 3.05 -1.03	39.14 2.90 0.00	40.48 3.03 0.00	43.23 2.90 -0.03	42.69 2.90 0.00	47.35 3.22 -0.01	49.66 3.28 -0.15	55.86 4.09 0.01	64.96 4.85 -1.67	70.22 5.28 -0.61	66.58 4.82 0.00	59.45 4.00 0.00	54.59 3.48 0.00	44.52 3.30 0.00	41.52 3.25 0.00	38.84 2.98 0.00
BARRETT_IC_6 23709	38.49 2.71 -5.05	36.24 2.35 -4.87	32.68 2.19 -3.77	31.38 2.09 -3.41	30.90 2.03 -2.89	32.97 2.16 -3.12	34.06 2.50 -2.17	35.79 2.81 -0.63	38.40 3.05 -1.03	39.14 2.90 0.00	40.48 3.03 0.00	43.23 2.90 -0.03	42.69 2.90 0.00	47.35 3.22 -0.01	49.66 3.28 -0.15	55.86 4.09 0.01	64.96 4.85 -1.67	70.22 5.28 -0.61	66.58 4.82 0.00	59.45 4.00 0.00	54.59 3.48 0.00	44.52 3.30 0.00	41.52 3.25 0.00	38.84 2.98 0.00
BARRETT_IC_7 23710	38.37 2.58 -5.05	36.24 2.35 -4.87	32.68 2.19 -3.77	31.38 2.10 -3.41	30.90 2.03 -2.89	32.97 2.16 -3.12	33.97 2.41 -2.17	35.79 2.81 -0.63	38.30 2.95 -1.03	39.50 3.26 0.00	40.52 3.07 0.00	43.27 2.94 -0.03	42.69 2.90 0.00	47.35 3.22 -0.01	49.75 3.37 -0.15	55.87 4.09 0.00	64.96 4.85 -1.67	70.22 5.28 -0.61	66.70 4.94 0.00	59.45 3.99 0.00	54.58 3.48 0.00	44.52 3.30 0.00	41.25 2.98 0.00	38.85 2.98 0.00
BARRETT_IC_8 23711	38.49 2.71 -5.05	36.24 2.35 -4.87	32.68 2.19 -3.77	31.38 2.09 -3.41	30.90 2.03 -2.89	32.97 2.16 -3.12	34.06 2.50 -2.17	35.79 2.81 -0.63	38.40 3.05 -1.03	39.14 2.90 0.00	40.48 3.03 0.00	43.23 2.90 -0.03	42.69 2.90 0.00	47.35 3.22 -0.01	49.66 3.28 -0.15	55.86 4.09 0.01	64.96 4.85 -1.67	70.22 5.28 -0.61	66.58 4.82 0.00	59.45 4.00 0.00	54.59 3.48 0.00	44.52 3.30 0.00	41.52 3.25 0.00	38.84 2.98 0.00
BARRETT_IC_9 23700	38.49 2.71 -5.05	36.24 2.35 -4.87	32.68 2.19 -3.77	31.38 2.09 -3.41	30.90 2.03 -2.89	32.97 2.16 -3.12	34.06 2.50 -2.17	35.79 2.81 -0.63	38.40 3.05 -1.03	39.14 2.90 0.00	40.48 3.03 0.00	43.23 2.90 -0.03	42.69 2.90 0.00	47.35 3.22 -0.01	49.66 3.28 -0.15	55.86 4.09 0.01	64.96 4.85 -1.67	70.22 5.28 -0.61	66.58 4.82 0.00	59.45 4.00 0.00	54.59 3.48 0.00	44.52 3.30 0.00	41.52 3.25 0.00	38.84 2.98 0.00
BARRETT___1 23545	38.49 2.71 -5.05	36.24 2.35 -4.87	32.68 2.19 -3.77	31.38 2.09 -3.41	30.90 2.03 -2.89	32.97 2.16 -3.12	34.06 2.50 -2.17	35.79 2.81 -0.63	38.40 3.05 -1.03	39.14 2.90 0.00	40.48 3.03 0.00	43.23 2.90 -0.03	42.69 2.90 0.00	47.35 3.22 -0.01	49.66 3.28 -0.15	55.86 4.09 0.01	64.96 4.85 -1.67	70.22 5.28 -0.61	66.58 4.82 0.00	59.45 4.00 0.00	54.59 3.48 0.00	44.52 3.30 0.00	41.52 3.25 0.00	38.84 2.98 0.00
BARRETT___2 23546	38.49 2.71 -5.05	36.24 2.35 -4.87	32.68 2.19 -3.77	31.38 2.09 -3.41	30.90 2.03 -2.89	32.97 2.16 -3.12	34.06 2.50 -2.17	35.79 2.81 -0.63	38.40 3.05 -1.03	39.14 2.90 0.00	40.48 3.03 0.00	43.23 2.90 -0.03	42.69 2.90 0.00	47.35 3.22 -0.01	49.66 3.28 -0.15	55.86 4.09 0.01	64.96 4.85 -1.67	70.22 5.28 -0.61	66.58 4.82 0.00	59.45 4.00 0.00	54.59 3.48 0.00	44.52 3.30 0.00	41.52 3.25 0.00	38.84 2.98 0.00
BATAVIA__115KV_TB1 55881	31.85 1.11 0.00	29.51 0.49 0.00	26.88 0.16 0.00	25.82 -0.05 0.00	26.06 0.08 0.00	28.00 0.30 0.00	29.81 0.41 0.00	32.03 -0.32 0.00	34.73 0.41 0.00	36.82 0.58 0.00	38.61 1.16 0.00	42.35 2.06 0.00	42.29 2.51 0.00	47.60 3.49 0.00	49.14 2.91 0.00	55.24 3.47 0.00	62.95 4.50 0.00	69.48 5.15 0.00	66.39 4.63 0.00	60.17 4.71 0.00	55.55 4.45 0.00	43.62 2.39 0.00	41.17 2.91 0.00	37.55 1.69 0.00
BAYONEEC___CTG1 323682	33.26 2.52 0.00	31.14 2.12 0.00	28.62 1.90 0.00	27.68 1.81 0.00	27.72 1.74 0.00	29.55 1.86 0.00	31.66 2.26 0.00	35.00 2.65 0.00	37.27 2.95 0.00	39.14 2.90 0.00	40.63 3.18 0.00	43.52 3.22 0.00	42.93 3.14 0.00	43.03 3.26 4.35	42.55 3.61 7.29	42.57 4.50 13.71	47.09 4.96 16.32	53.40 5.47 16.40	50.22 4.88 16.42	44.59 4.10 14.97	42.62 3.63 12.12	44.44 3.22 0.00	41.36 3.10 0.00	38.49 2.62 0.00
BAYONEEC___CTG10 323750	33.26 2.52 0.00	31.14 2.12 0.00	28.62 1.90 0.00	27.68 1.81 0.00	27.72 1.74 0.00	29.55 1.86 0.00	31.66 2.26 0.00	35.00 2.65 0.00	37.27 2.95 0.00	39.14 2.90 0.00	40.63 3.18 0.00	43.52 3.22 0.00	42.93 3.14 0.00	43.03 3.26 4.35	42.55 3.61 7.29	42.57 4.50 13.71	47.09 4.96 16.32	53.40 5.47 16.40	50.22 4.88 16.42	44.59 4.10 14.97	42.62 3.63 12.12	44.44 3.22 0.00	41.36 3.10 0.00	38.49 2.62 0.00
BAYONEEC___CTG2 323683	33.26 2.52 0.00	31.14 2.12 0.00	28.62 1.90 0.00	27.68 1.81 0.00	27.72 1.74 0.00	29.55 1.86 0.00	31.66 2.26 0.00	35.00 2.65 0.00	37.27 2.95 0.00	39.14 2.90 0.00	40.63 3.18 0.00	43.52 3.22 0.00	42.93 3.14 0.00	43.03 3.26 4.35	42.55 3.61 7.29	42.57 4.50 13.71	47.09 4.96 16.32	53.40 5.47 16.40	50.22 4.88 16.42	44.59 4.10 14.97	42.62 3.63 12.12	44.44 3.22 0.00	41.36 3.10 0.00	38.49 2.62 0.00
BAYONEEC___CTG3 323684	33.26 2.52 0.00	31.14 2.12 0.00	28.62 1.90 0.00	27.68 1.81 0.00	27.72 1.74 0.00	29.55 1.86 0.00	31.66 2.26 0.00	35.00 2.65 0.00	37.27 2.95 0.00	39.14 2.90 0.00	40.63 3.18 0.00	43.52 3.22 0.00	42.93 3.14 0.00	43.03 3.26 4.35	42.55 3.61 7.29	42.57 4.50 13.71	47.09 4.96 16.32	53.40 5.47 16.40	50.22 4.88 16.42	44.59 4.10 14.97	42.62 3.63 12.12	44.44 3.22 0.00	41.36 3.10 0.00	38.49 2.62 0.00
BAYONEEC___CTG4 323685	33.26 2.52 0.00	31.14 2.12 0.00	28.62 1.90 0.00	27.68 1.81 0.00	27.72 1.74 0.00	29.55 1.86 0.00	31.66 2.26 0.00	35.00 2.65 0.00	37.27 2.95 0.00	39.14 2.90 0.00	40.63 3.18 0.00	43.52 3.22 0.00	42.93 3.14 0.00	43.03 3.26 4.35	42.55 3.61 7.29	42.57 4.50 13.71	47.09 4.96 16.32	53.40 5.47 16.40	50.22 4.88 16.42	44.59 4.10 14.97	42.62 3.63 12.12	44.44 3.22 0.00	41.36 3.10 0.00	38.49 2.62 0.00
BAYONEEC___CTG5 323686	33.26 2.52 0.00	31.14 2.12 0.00	28.62 1.90 0.00	27.68 1.81 0.00	27.72 1.74 0.00	29.55 1.86 0.00	31.66 2.26 0.00	35.00 2.65 0.00	37.27 2.95 0.00	39.14 2.90 0.00	40.63 3.18 0.00	43.52 3.22 0.00	42.93 3.14 0.00	43.03 3.26 4.35	42.55 3.61 7.29	42.57 4.50 13.71	47.09 4.96 16.32	53.40 5.47 16.40	50.22 4.88 16.42	44.59 4.10 14.97	42.62 3.63 12.12	44.44 3.22 0.00	41.36 3.10 0.00	38.49 2.62 0.00
BAYONEEC___CTG6 323687	33.26 2.52 0.00	31.14 2.12 0.00	28.62 1.90 0.00	27.68 1.81 0.00	27.72 1.74 0.00	29.55 1.86 0.00	31.66 2.26 0.00	35.00 2.65 0.00	37.27 2.95 0.00	39.14 2.90 0.00	40.63 3.18 0.00	43.52 3.22 0.00	42.93 3.14 0.00	43.03 3.26 4.35	42.55 3.61 7.29	42.57 4.50 13.71	47.09 4.96 16.32	53.40 5.47 16.40	50.22 4.88 16.42	44.59 4.10 14.97	42.62 3.63 12.12	44.44 3.22 0.00	41.36 3.10 0.00	38.49 2.62 0.00

BAYONEEC___CTG7 323688	33.26 2.52 0.00	31.14 2.12 0.00	28.62 1.90 0.00	27.68 1.81 0.00	27.72 1.74 0.00	29.55 1.86 0.00	31.66 2.26 0.00	35.00 2.65 0.00	37.27 2.95 0.00	39.14 2.90 0.00	40.63 3.18 0.00	43.52 3.22 0.00	42.93 3.14 0.00	43.03 3.26 4.35	42.55 3.61 7.29	42.57 4.50 13.71	47.09 4.96 16.32	53.40 5.47 16.40	50.22 4.88 16.42	44.59 4.10 14.97	42.62 3.63 12.12	44.44 3.22 0.00	41.36 3.10 0.00	38.49 2.62 0.00
BAYONEEC___CTG8 323689	33.26 2.52 0.00	31.14 2.12 0.00	28.62 1.90 0.00	27.68 1.81 0.00	27.72 1.74 0.00	29.55 1.86 0.00	31.66 2.26 0.00	35.00 2.65 0.00	37.27 2.95 0.00	39.14 2.90 0.00	40.63 3.18 0.00	43.52 3.22 0.00	42.93 3.14 0.00	43.03 3.26 4.35	42.55 3.61 7.29	42.57 4.50 13.71	47.09 4.96 16.32	53.40 5.47 16.40	50.22 4.88 16.42	44.59 4.10 14.97	42.62 3.63 12.12	44.44 3.22 0.00	41.36 3.10 0.00	38.49 2.62 0.00
BAYONEEC___CTG9 323749	33.26 2.52 0.00	31.14 2.12 0.00	28.62 1.90 0.00	27.68 1.81 0.00	27.72 1.74 0.00	29.55 1.86 0.00	31.66 2.26 0.00	35.00 2.65 0.00	37.27 2.95 0.00	39.14 2.90 0.00	40.63 3.18 0.00	43.52 3.22 0.00	42.93 3.14 0.00	43.03 3.26 4.35	42.55 3.61 7.29	42.57 4.50 13.71	47.09 4.96 16.32	53.40 5.47 16.40	50.22 4.88 16.42	44.59 4.10 14.97	42.62 3.63 12.12	44.44 3.22 0.00	41.36 3.10 0.00	38.49 2.62 0.00
BEACON___LESR 323632	32.00 1.26 0.00	30.18 1.16 0.00	27.81 1.10 0.00	26.94 1.06 0.00	27.02 1.04 0.00	28.77 1.08 0.00	30.54 1.15 0.00	33.55 1.20 0.00	35.62 1.30 0.00	37.47 1.23 0.00	38.80 1.35 0.00	41.67 1.37 0.00	41.06 1.27 0.00	45.49 1.37 0.00	47.66 1.43 0.00	53.54 1.76 0.00	60.49 2.04 0.00	66.84 2.51 0.00	64.29 2.53 0.00	57.68 2.22 0.00	53.15 2.05 0.00	42.87 1.65 0.00	39.72 1.45 0.00	37.12 1.25 0.00
BEAVER RIVER___HYD 24048	30.49 -0.25 0.00	28.82 -0.20 0.00	26.48 -0.24 0.00	25.59 -0.28 0.00	25.74 -0.23 0.00	27.64 -0.06 0.00	29.43 0.03 0.00	32.45 0.10 0.00	34.18 -0.14 0.00	36.40 -0.14 0.00	37.23 -0.22 0.00	40.14 -0.16 0.00	39.59 -0.20 0.00	43.94 -0.18 0.00	46.04 -0.18 0.00	51.42 -0.36 0.00	57.98 -0.47 0.00	63.13 -0.38 0.82	61.58 -0.06 0.12	56.69 0.39 -0.84	52.47 0.46 -0.91	41.69 0.21 -0.26	38.47 0.08 -0.13	35.83 -0.04 0.00
BEEBEE_GT_13 23619	31.36 0.61 0.00	29.25 0.23 0.00	26.72 0.00 0.00	25.74 -0.13 0.00	25.93 -0.05 0.00	27.77 0.08 0.00	29.54 0.15 0.00	32.03 -0.32 0.00	34.52 0.21 0.00	36.60 0.36 0.00	38.20 0.75 0.00	41.71 1.41 0.00	41.50 1.71 0.00	46.46 2.34 0.00	48.22 1.99 0.00	54.05 2.28 0.00	61.48 3.04 0.00	67.81 3.47 0.00	64.79 3.03 0.00	58.51 3.05 0.00	54.02 2.91 0.00	42.75 1.53 0.00	40.06 1.80 0.00	36.77 0.90 0.00
BENSHRST_27_KV_BENSHRST_1 355998	33.55 2.80 -0.02	31.58 2.55 -0.01	29.02 2.30 -0.01	28.08 2.20 -0.01	28.11 2.13 0.00	29.88 2.19 0.00	31.87 2.47 0.00	35.33 2.98 0.00	37.44 3.12 0.00	39.76 3.52 0.00	41.05 3.60 0.00	44.00 3.71 0.00	43.49 3.70 0.00	48.00 3.88 0.00	50.53 4.30 0.00	67.87 5.38 -10.71	67.15 5.84 -2.86	70.70 6.37 0.00	67.63 5.87 0.00	64.21 4.94 -3.81	55.35 4.24 0.00	45.06 3.83 0.00	41.71 3.44 0.00	39.17 3.30 0.00
BETHLEHEM___GRP 23843	31.33 0.58 0.00	29.60 0.58 0.00	27.33 0.61 0.00	26.47 0.60 0.00	26.58 0.60 0.00	28.24 0.55 0.00	29.93 0.53 0.00	32.93 0.58 0.00	34.90 0.58 0.00	36.89 0.65 0.00	38.05 0.60 0.00	40.86 0.56 0.00	40.26 0.48 0.00	44.60 0.49 0.00	46.78 0.55 0.00	52.45 0.67 0.00	59.26 0.82 0.00	65.36 1.03 0.00	62.87 1.11 0.00	56.40 0.94 0.00	51.93 0.82 0.00	41.97 0.74 0.00	38.84 0.57 0.00	36.41 0.54 0.00
BETHLEHEM___GS1 323560	31.39 0.65 0.00	29.63 0.61 0.00	27.33 0.61 0.00	26.47 0.60 0.00	26.58 0.60 0.00	28.24 0.55 0.00	29.98 0.59 0.00	32.93 0.58 0.00	34.94 0.62 0.00	36.75 0.51 0.00	38.01 0.56 0.00	40.86 0.56 0.00	40.27 0.48 0.00	44.60 0.49 0.00	46.78 0.56 0.00	52.45 0.67 0.00	59.26 0.82 0.00	65.36 1.03 0.00	62.81 1.05 0.00	56.40 0.94 0.00	51.92 0.82 0.00	41.97 0.74 0.00	38.92 0.65 0.00	36.41 0.54 0.00
BETHLEHEM___GS2 323561	31.39 0.65 0.00	29.63 0.61 0.00	27.33 0.61 0.00	26.47 0.60 0.00	26.58 0.60 0.00	28.24 0.55 0.00	29.98 0.59 0.00	32.93 0.58 0.00	34.94 0.62 0.00	36.75 0.51 0.00	38.01 0.56 0.00	40.86 0.56 0.00	40.27 0.48 0.00	44.60 0.49 0.00	46.78 0.56 0.00	52.45 0.67 0.00	59.26 0.82 0.00	65.36 1.03 0.00	62.81 1.05 0.00	56.40 0.94 0.00	51.92 0.82 0.00	41.97 0.74 0.00	38.92 0.65 0.00	36.41 0.54 0.00
BETHLEHEM___GS3 323562	31.39 0.65 0.00	29.63 0.61 0.00	27.33 0.61 0.00	26.47 0.60 0.00	26.58 0.60 0.00	28.24 0.55 0.00	29.98 0.59 0.00	32.93 0.58 0.00	34.94 0.62 0.00	36.75 0.51 0.00	38.01 0.56 0.00	40.86 0.56 0.00	40.27 0.48 0.00	44.60 0.49 0.00	46.78 0.56 0.00	52.45 0.67 0.00	59.26 0.82 0.00	65.36 1.03 0.00	62.81 1.05 0.00	56.40 0.94 0.00	51.92 0.82 0.00	41.97 0.74 0.00	38.92 0.65 0.00	36.41 0.54 0.00
BETHLEHEM___STEEL 23779	31.63 0.89 0.00	29.28 0.26 0.00	26.66 -0.05 0.00	25.62 -0.26 0.00	25.80 -0.18 0.00	27.75 0.06 0.00	29.51 0.12 0.00	31.61 -0.74 0.00	34.46 0.14 0.00	36.57 0.33 0.00	38.35 0.90 0.00	42.07 1.77 0.00	42.09 2.31 0.00	47.51 3.40 0.00	49.05 2.82 0.00	55.45 3.68 0.00	63.06 4.62 0.00	69.42 5.08 0.00	66.02 4.26 0.00	59.84 4.38 0.00	55.04 3.94 0.00	43.20 1.98 0.00	40.91 2.64 0.00	37.37 1.51 0.00
BETHLHEM_115KV_TB1 79974	31.39 0.65 0.00	29.69 0.67 0.00	27.39 0.67 0.00	26.55 0.67 0.00	26.63 0.65 0.00	28.30 0.61 0.00	29.98 0.59 0.00	33.00 0.65 0.00	34.97 0.65 0.00	37.00 0.76 0.00	38.16 0.71 0.00	40.94 0.64 0.00	40.38 0.60 0.00	44.73 0.62 0.00	46.92 0.69 0.00	52.60 0.83 0.00	59.44 0.99 0.00	65.49 1.16 0.00	63.00 1.24 0.00	56.51 1.05 0.00	52.08 0.97 0.00	42.09 0.87 0.00	38.92 0.65 0.00	36.51 0.65 0.00
BETHPAGE_CC_5 323564	38.58 2.80 -5.05	36.33 2.44 -4.87	32.73 2.24 -3.77	31.46 2.17 -3.41	30.97 2.10 -2.89	33.03 2.22 -3.12	34.15 2.59 -2.17	35.95 2.97 -0.63	38.61 3.26 -1.03	39.36 3.12 0.00	40.79 3.33 0.00	43.75 3.22 -0.23	43.01 3.22 0.00	47.88 3.71 -0.06	51.25 3.74 -1.28	56.33 4.56 0.00	78.72 5.56 -14.72	75.86 6.05 -5.48	67.32 5.56 0.00	59.95 4.49 0.00	55.05 3.94 0.00	44.89 3.67 0.00	41.48 3.21 0.00	38.95 3.09 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	31.69 0.95 0.00	29.34 0.32 0.00	26.72 0.00 0.00	25.67 -0.21 0.00	25.82 -0.16 0.00	27.80 0.11 0.00	29.57 0.18 0.00	31.74 -0.61 0.00	34.59 0.27 0.00	36.71 0.47 0.00	38.50 1.05 0.00	42.23 1.93 0.00	42.25 2.47 0.00	47.69 3.57 0.00	49.28 3.05 0.00	55.71 3.93 0.00	63.35 4.91 0.00	69.74 5.40 0.00	66.33 4.57 0.00	60.12 4.66 0.00	55.25 4.14 0.00	43.37 2.14 0.00	41.06 2.79 0.00	37.48 1.61 0.00

BINGHAMTON___COGEN 23790	31.48 0.74 0.00	29.54 0.52 0.00	27.12 0.40 0.00	26.21 0.34 0.00	26.32 0.34 0.00	28.19 0.50 0.00	29.93 0.53 0.00	32.84 0.49 0.00	35.04 0.72 0.00	37.42 0.94 -0.24	38.50 1.05 0.00	41.67 1.37 0.00	41.26 1.47 0.00	45.97 1.85 0.00	47.98 1.76 0.00	53.95 2.17 0.00	61.19 2.75 0.00	67.36 3.02 0.00	64.60 2.84 0.00	58.77 2.66 -0.65	54.11 2.30 -0.70	43.03 1.61 -0.20	40.01 1.65 -0.10	36.91 1.04 0.00
BIXINCNT_115KV_LOAD 355685	31.79 1.05 0.00	29.43 0.41 0.00	26.72 0.00 0.00	25.59 -0.28 0.00	25.72 -0.26 0.00	27.83 0.14 0.00	29.60 0.21 0.00	32.00 -0.36 0.00	34.83 0.51 0.00	37.04 0.80 0.00	38.65 1.20 0.00	42.31 2.01 0.00	42.37 2.59 0.00	47.87 3.75 0.00	49.42 3.19 0.00	55.66 3.88 0.00	63.24 4.79 0.00	69.55 5.21 0.00	66.27 4.51 0.00	60.39 4.94 0.00	55.40 4.29 0.00	43.53 2.31 0.00	41.14 2.87 0.00	37.48 1.61 0.00
BLACK RIVER___HYD 24047	30.74 0.00 0.00	29.08 0.06 0.00	26.66 -0.05 0.00	25.80 -0.08 0.00	25.93 -0.05 0.00	27.91 0.22 0.00	29.69 0.29 0.00	32.67 0.32 0.00	34.42 0.10 0.00	36.83 0.07 -0.52	37.49 0.04 0.00	40.50 0.20 0.00	39.99 0.20 0.00	44.34 0.22 0.00	46.37 0.14 0.00	51.83 0.05 0.00	58.56 0.12 0.00	64.09 0.32 0.56	62.48 0.80 0.08	58.27 1.39 -1.43	53.97 1.33 -1.53	42.49 0.82 -0.44	39.02 0.54 -0.22	36.23 0.36 0.00
BLACKRVR_115KV_TB2 79977	30.80 0.06 0.00	29.08 0.06 0.00	26.66 -0.05 0.00	25.80 -0.08 0.00	25.93 -0.05 0.00	27.91 0.22 0.00	29.72 0.32 0.00	32.67 0.32 0.00	34.46 0.14 0.00	36.83 0.07 -0.52	37.45 0.00 0.00	40.50 0.20 0.00	39.95 0.16 0.00	44.34 0.22 0.00	46.37 0.14 0.00	51.83 0.05 0.00	58.56 0.12 0.00	64.09 0.32 0.56	62.42 0.74 0.08	58.27 1.39 -1.43	53.97 1.33 -1.53	42.49 0.82 -0.44	39.09 0.61 -0.22	36.23 0.36 0.00
BLISS_WT_PWR 323608	31.14 0.40 0.00	29.37 0.35 0.00	26.66 -0.05 0.00	25.51 -0.36 0.00	25.64 -0.34 0.00	27.75 0.06 0.00	29.16 -0.24 0.00	31.90 -0.45 0.00	34.42 0.10 0.00	36.93 0.69 0.00	38.80 1.35 0.00	42.39 2.09 0.00	42.45 2.67 0.00	47.78 3.66 0.00	49.28 3.05 0.00	55.45 3.68 0.00	63.06 4.62 0.00	69.29 4.95 0.00	66.40 4.63 0.00	60.28 4.82 0.00	55.35 4.24 0.00	43.45 2.22 0.00	39.87 1.61 0.00	37.37 1.51 0.00
BLUESTONE___WT_PWR 323821	32.77 2.03 0.00	30.93 1.91 0.00	28.38 1.66 0.00	27.40 1.53 0.00	27.54 1.56 0.00	29.66 1.97 0.00	31.48 2.09 0.00	34.74 2.39 0.00	36.79 2.47 0.00	39.23 2.79 -0.20	40.52 3.07 0.00	43.88 3.59 0.00	43.33 3.54 0.00	48.22 4.10 0.00	50.43 4.21 0.00	56.59 4.82 0.00	64.18 5.73 0.00	70.71 6.37 0.00	68.06 6.30 0.00	62.07 6.05 -0.56	57.13 5.41 -0.60	45.44 4.04 -0.17	41.80 3.45 -0.09	38.77 2.90 0.00
BLUE_CIRC_CHEM_DRP 24182	31.76 1.01 0.00	30.04 1.02 0.00	27.71 0.99 0.00	26.86 0.98 0.00	26.97 0.99 0.00	28.66 0.97 0.00	30.34 0.94 0.00	33.26 0.91 0.00	35.25 0.93 0.00	37.25 1.01 0.00	38.42 0.97 0.00	41.22 0.93 0.00	40.66 0.88 0.00	45.04 0.93 0.00	47.24 1.02 0.00	52.97 1.19 0.00	59.85 1.40 0.00	66.01 1.67 0.00	63.49 1.73 0.00	56.96 1.50 0.00	52.44 1.33 0.00	42.42 1.20 0.00	39.30 1.03 0.00	36.80 0.93 0.00
BOC_GAS_DRP 24189	31.51 0.77 0.00	29.80 0.78 0.00	27.49 0.77 0.00	26.65 0.78 0.00	26.73 0.75 0.00	28.41 0.72 0.00	30.13 0.73 0.00	33.16 0.81 0.00	35.14 0.82 0.00	37.18 0.94 0.00	38.35 0.90 0.00	41.18 0.89 0.00	40.62 0.84 0.00	44.96 0.84 0.00	47.20 0.97 0.00	52.91 1.14 0.00	59.79 1.34 0.00	65.81 1.48 0.00	63.24 1.48 0.00	56.73 1.28 0.00	52.23 1.12 0.00	42.25 1.03 0.00	39.15 0.88 0.00	36.66 0.79 0.00
BOONVILLE_115KV_TB1 79983	31.45 0.71 0.00	29.66 0.64 0.00	27.25 0.53 0.00	26.34 0.47 0.00	26.47 0.49 0.00	28.38 0.69 0.00	30.19 0.79 0.00	33.26 0.91 0.00	35.21 0.89 0.00	37.36 0.98 -0.15	38.46 1.01 0.00	41.46 1.17 0.00	40.94 1.15 0.00	45.48 1.37 0.00	47.66 1.43 0.00	53.33 1.55 0.00	60.26 1.81 0.00	66.19 2.06 0.20	63.89 2.16 0.03	58.08 2.22 -0.40	53.53 1.99 -0.43	42.83 1.48 -0.12	39.59 1.26 -0.06	36.87 1.00 0.00
BORALEX_4TH_BRANCH 23824	32.52 1.78 0.00	30.73 1.71 0.00	28.35 1.63 0.00	27.48 1.60 0.00	27.56 1.58 0.00	29.30 1.61 0.00	31.13 1.73 0.00	34.20 1.84 0.00	36.14 1.82 0.00	38.20 1.96 0.00	39.40 1.95 0.00	42.19 1.89 0.00	41.54 1.75 0.00	46.01 1.90 0.00	48.35 2.13 0.00	54.05 2.28 0.00	61.37 2.92 0.00	67.62 3.28 0.00	65.10 3.34 0.00	58.34 2.88 0.00	53.92 2.81 0.00	43.49 2.27 0.00	40.29 2.03 0.00	37.81 1.94 0.00
BOWLINE___1 23526	32.59 1.84 0.00	30.61 1.60 0.00	28.21 1.50 0.00	27.32 1.45 0.00	27.38 1.40 0.00	29.13 1.44 0.00	31.10 1.70 0.00	34.26 1.91 0.00	36.41 2.09 0.00	38.34 2.10 0.00	39.77 2.32 0.00	42.63 2.34 0.00	42.09 2.31 0.00	46.54 2.42 0.00	48.95 2.73 0.00	55.19 3.42 0.00	62.36 3.92 0.00	68.65 4.31 0.00	65.65 3.89 0.00	58.73 3.27 0.00	53.92 2.81 0.00	43.70 2.47 0.00	40.56 2.30 0.00	37.80 1.94 0.00
BOWLINE___2 23595	32.59 1.84 0.00	30.61 1.60 0.00	28.21 1.50 0.00	27.32 1.45 0.00	27.38 1.40 0.00	29.13 1.44 0.00	31.10 1.70 0.00	34.29 1.94 0.00	36.41 2.09 0.00	38.34 2.10 0.00	39.77 2.32 0.00	42.63 2.34 0.00	42.09 2.31 0.00	46.54 2.42 0.00	48.95 2.73 0.00	55.19 3.42 0.00	62.42 3.98 0.00	68.65 4.31 0.00	65.65 3.89 0.00	58.73 3.27 0.00	53.92 2.81 0.00	43.70 2.47 0.00	40.60 2.33 0.00	37.80 1.94 0.00
BRADY___115KV_TB2 356060	30.10 -0.65 0.00	28.56 -0.46 0.00	26.26 -0.45 0.00	25.43 -0.44 0.00	25.61 -0.36 0.00	27.36 -0.33 0.00	29.13 -0.26 0.00	32.16 -0.19 0.00	33.77 -0.55 0.00	35.55 -0.69 0.00	36.66 -0.79 0.00	39.25 -1.05 0.00	38.79 -0.99 0.00	42.97 -1.15 0.00	45.16 -1.06 0.00	50.17 -1.61 0.00	55.76 -2.69 0.00	58.62 -3.02 2.69	58.59 -2.78 0.40	53.12 -2.33 0.01	49.32 -1.79 0.00	39.82 -1.40 0.00	37.19 -1.07 0.00	35.26 -0.61 0.00
BRANSCOMB___SOLAR 323811	32.77 2.03 0.00	30.93 1.91 0.00	28.48 1.76 0.00	27.58 1.71 0.00	27.69 1.71 0.00	29.55 1.86 0.00	31.31 1.91 0.00	34.42 2.07 0.00	36.48 2.16 0.00	38.41 2.17 0.00	39.58 2.13 0.00	42.63 2.34 0.00	41.85 2.07 0.00	46.32 2.20 0.00	48.49 2.26 0.00	54.52 2.74 0.00	61.66 3.21 0.00	68.26 3.92 0.00	66.15 4.39 0.00	59.45 4.00 0.00	54.99 3.88 0.00	44.23 3.01 0.00	40.87 2.60 0.00	38.09 2.22 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	38.74 2.95 -5.05	36.62 2.73 -4.87	32.97 2.48 -3.77	31.69 2.41 -3.41	31.23 2.36 -2.89	33.31 2.49 -3.12	34.35 2.79 -2.17	36.21 3.24 -0.63	38.82 3.47 -1.03	40.08 3.84 0.00	41.00 3.52 -0.03	44.02 3.59 -0.13	43.40 3.58 -0.03	48.11 3.97 -0.03	51.00 4.21 -0.56	56.38 4.61 0.00	70.58 5.67 -6.47	72.98 6.24 -2.41	67.63 5.87 0.00	60.12 4.66 0.00	55.69 4.55 -0.03	45.31 4.08 0.00	41.51 3.21 -0.03	39.31 3.44 0.00

BRISTLHL_115KV_TB1 79998	30.53 -0.22 0.00	28.76 -0.26 0.00	26.42 -0.29 0.00	25.54 -0.34 0.00	25.64 -0.34 0.00	27.44 -0.25 0.00	29.10 -0.29 0.00	31.96 -0.39 0.00	34.01 -0.31 0.00	37.05 -0.33 -1.14	37.15 -0.30 0.00	40.13 -0.16 0.00	39.67 -0.12 0.00	44.12 0.00 0.00	46.09 -0.14 0.00	51.72 -0.05 0.00	58.62 0.18 0.00	64.53 0.19 0.00	61.95 0.19 0.00	58.82 0.22 -3.14	54.68 0.20 -3.37	42.15 -0.04 -0.97	38.78 0.04 -0.48	35.62 -0.25 0.00
BROOKHAVEN___DRP 24191	38.34 2.55 -5.05	36.27 2.38 -4.87	32.68 2.19 -3.77	31.41 2.12 -3.41	30.97 2.10 -2.89	32.97 2.16 -3.12	33.97 2.41 -2.17	35.63 2.65 -0.63	38.23 2.88 -1.03	39.50 3.26 0.00	40.41 2.96 0.00	43.37 2.98 -0.09	42.77 2.98 0.00	47.71 3.57 -0.02	50.45 3.74 -0.48	56.38 4.61 0.00	69.77 5.79 -5.53	72.71 6.30 -2.07	67.88 6.11 -0.01	60.35 4.88 -0.01	55.51 4.40 0.00	45.19 3.96 -0.01	41.18 2.91 0.00	38.92 3.05 0.00
BROOKLYN_NAVY_YARD 23515	33.26 2.52 0.00	31.11 2.09 0.00	28.64 1.92 0.00	27.68 1.81 0.00	27.75 1.77 0.00	29.55 1.86 0.00	31.66 2.26 0.00	35.03 2.68 0.00	37.30 2.98 0.00	39.17 2.93 0.00	40.71 3.26 0.00	43.60 3.30 0.00	43.05 3.26 0.00	47.51 3.40 0.00	50.02 3.79 0.00	56.49 4.71 0.00	63.64 5.20 0.00	70.06 5.72 0.00	66.88 5.12 0.00	59.79 4.33 0.00	54.94 3.84 0.00	44.61 3.38 0.00	41.44 3.17 0.00	38.56 2.69 0.00
BROOKLYN___ARMY_DRP 323595	33.37 2.61 -0.02	31.44 2.41 -0.01	28.89 2.16 -0.01	27.95 2.07 -0.01	27.98 2.00 0.00	29.74 2.05 0.00	31.72 2.32 0.00	35.17 2.81 0.00	37.27 2.95 0.00	39.54 3.30 0.00	40.78 3.33 0.00	43.72 3.43 0.00	43.21 3.42 0.00	47.69 3.57 0.00	50.16 3.93 0.00	67.46 4.97 -10.71	66.68 5.38 -2.86	70.19 5.85 0.00	67.13 5.37 0.00	63.76 4.49 -3.81	54.99 3.88 0.00	44.73 3.50 0.00	41.44 3.18 0.00	38.95 3.08 0.00
BROOKVLE_69_KV_TB1 55790	38.80 3.01 -5.05	36.62 2.73 -4.87	32.97 2.48 -3.77	31.67 2.38 -3.41	31.21 2.34 -2.89	33.28 2.46 -3.12	34.32 2.76 -2.17	36.24 3.27 -0.63	38.92 3.57 -1.03	40.26 4.02 0.00	41.46 4.01 0.00	44.97 3.91 -0.77	43.72 3.94 0.00	48.77 4.46 -0.20	55.20 4.72 -4.26	57.37 5.59 0.00	114.07 6.60 -49.02	89.73 7.14 -18.25	68.37 6.61 0.00	60.84 5.38 0.00	55.81 4.70 0.00	45.43 4.20 0.00	41.82 3.56 0.00	39.38 3.52 0.00
BROOME_2_LFGE 323671	31.32 0.58 0.00	29.54 0.52 0.00	27.12 0.40 0.00	26.21 0.34 0.00	26.32 0.34 0.00	28.19 0.50 0.00	29.84 0.44 0.00	32.84 0.49 0.00	34.94 0.62 0.00	37.27 0.80 -0.24	38.57 1.12 0.00	41.71 1.41 0.00	41.30 1.51 0.00	45.97 1.85 0.00	47.98 1.76 0.00	53.95 2.17 0.00	61.19 2.75 0.00	67.36 3.02 0.00	64.66 2.90 0.00	58.77 2.66 -0.65	54.11 2.30 -0.70	43.03 1.61 -0.20	39.74 1.38 -0.10	36.91 1.04 0.00
BROOME___LFGE 323600	31.32 0.58 0.00	29.54 0.52 0.00	27.12 0.40 0.00	26.21 0.34 0.00	26.32 0.34 0.00	28.19 0.50 0.00	29.84 0.44 0.00	32.84 0.49 0.00	34.94 0.62 0.00	37.27 0.80 -0.24	38.57 1.12 0.00	41.71 1.41 0.00	41.30 1.51 0.00	45.97 1.85 0.00	47.98 1.76 0.00	53.95 2.17 0.00	61.19 2.75 0.00	67.36 3.02 0.00	64.66 2.90 0.00	58.77 2.66 -0.65	54.11 2.30 -0.70	43.03 1.61 -0.20	39.74 1.38 -0.10	36.91 1.04 0.00
BROWNFLS_115KV_TB_3_5 80003	29.91 -0.83 0.00	28.32 -0.70 0.00	26.02 -0.69 0.00	25.20 -0.67 0.00	25.33 -0.65 0.00	27.16 -0.53 0.00	28.93 -0.47 0.00	31.93 -0.42 0.00	33.60 -0.72 0.00	35.65 -0.80 -0.21	36.59 -0.86 0.00	39.33 -0.97 0.00	38.79 -0.99 0.00	43.06 -1.06 0.00	45.12 -1.11 0.00	50.27 -1.50 0.00	56.34 -2.10 0.00	60.46 -2.32 1.56	59.49 -2.04 0.23	54.54 -1.50 -0.58	50.56 -1.18 -0.62	40.37 -1.03 -0.18	37.44 -0.92 -0.09	35.08 -0.79 0.00
BROWNSV1_27_KV_LOAD 356125	33.42 2.67 0.00	31.43 2.41 0.00	28.88 2.16 0.00	27.94 2.07 0.00	27.98 2.00 0.00	29.80 2.10 0.00	31.84 2.44 0.00	35.33 2.98 0.00	37.54 3.23 0.00	39.86 3.62 0.00	41.12 3.67 0.00	44.08 3.79 0.00	43.53 3.74 0.00	48.00 3.88 0.00	50.57 4.35 0.00	57.06 5.28 0.00	64.35 5.90 0.00	70.83 6.50 0.00	67.69 5.93 0.00	60.45 4.99 0.00	55.50 4.40 0.00	45.06 3.83 0.00	41.67 3.41 0.00	38.99 3.12 0.00
BURROWS___LYONSDAL 23803	31.26 0.52 0.00	29.51 0.49 0.00	27.09 0.37 0.00	26.21 0.34 0.00	26.34 0.36 0.00	28.24 0.55 0.00	30.04 0.65 0.00	33.13 0.78 0.00	35.01 0.69 0.00	37.18 0.76 -0.18	38.20 0.75 0.00	41.22 0.93 0.00	40.70 0.92 0.00	45.18 1.06 0.00	47.34 1.11 0.00	52.97 1.19 0.00	59.85 1.40 0.00	65.62 1.61 0.32	63.44 1.73 0.05	57.83 1.89 -0.49	53.37 1.74 -0.52	42.65 1.28 -0.15	39.37 1.03 -0.07	36.66 0.79 0.00
CAITHNESS_CC_1 323624	38.46 2.67 -5.05	36.24 2.35 -4.87	32.65 2.16 -3.77	31.38 2.09 -3.41	30.95 2.08 -2.89	32.95 2.13 -3.12	34.03 2.47 -2.17	35.63 2.65 -0.63	38.33 2.98 -1.03	39.03 2.79 0.00	40.38 2.92 0.00	43.29 2.90 -0.09	42.78 2.99 0.00	47.58 3.44 -0.02	50.31 3.61 -0.48	56.23 4.45 0.00	69.51 5.56 -5.51	72.51 6.12 -2.06	67.51 5.74 -0.01	60.13 4.66 -0.01	55.30 4.19 0.00	45.07 3.83 -0.01	41.44 3.17 0.00	38.92 3.05 0.00
CALPINE BETH_PAGE_GT4 24209	38.46 2.67 -5.05	36.33 2.44 -4.87	32.73 2.24 -3.77	31.43 2.15 -3.41	30.97 2.10 -2.89	33.03 2.22 -3.12	34.06 2.50 -2.17	35.92 2.94 -0.63	38.54 3.19 -1.03	39.79 3.55 0.00	40.86 3.41 0.00	43.82 3.22 -0.30	43.01 3.22 0.00	47.81 3.62 -0.08	51.69 3.84 -1.63	56.33 4.56 0.00	82.76 5.55 -18.76	77.37 6.05 -6.99	67.38 5.62 0.00	59.90 4.44 0.00	55.05 3.94 0.00	44.85 3.63 0.00	41.10 2.83 0.00	38.95 3.08 0.00
CALPINE_BETH_PAGE_GT_4 323586	38.61 2.83 -5.05	36.33 2.44 -4.87	32.73 2.24 -3.77	31.43 2.15 -3.41	30.97 2.10 -2.89	33.03 2.22 -3.12	34.15 2.59 -2.17	35.95 2.97 -0.63	38.61 3.26 -1.03	39.39 3.15 0.00	40.82 3.37 0.00	43.77 3.18 -0.30	43.01 3.22 0.00	47.85 3.66 -0.08	51.60 3.74 -1.63	56.33 4.56 0.00	82.76 5.56 -18.76	77.37 6.05 -6.99	67.26 5.49 0.00	59.90 4.44 0.00	55.05 3.94 0.00	44.89 3.67 0.00	41.56 3.29 0.00	38.99 3.12 0.00
CALPINE_BP_GT1 23823	38.61 2.83 -5.05	36.33 2.44 -4.87	32.73 2.24 -3.77	31.43 2.15 -3.41	30.97 2.10 -2.89	33.03 2.22 -3.12	34.15 2.59 -2.17	35.95 2.97 -0.63	38.61 3.26 -1.03	39.39 3.15 0.00	40.82 3.37 0.00	43.77 3.18 -0.30	43.01 3.22 0.00	47.85 3.66 -0.08	51.60 3.74 -1.63	56.33 4.56 0.00	82.76 5.56 -18.76	77.37 6.05 -6.99	67.26 5.49 0.00	59.90 4.44 0.00	55.05 3.94 0.00	44.89 3.67 0.00	41.56 3.29 0.00	38.99 3.12 0.00
CALSPAN___DRP 24200	31.63 0.89 0.00	29.28 0.26 0.00	26.66 -0.05 0.00	25.62 -0.26 0.00	25.80 -0.18 0.00	27.75 0.06 0.00	29.51 0.12 0.00	31.61 -0.74 0.00	34.46 0.14 0.00	36.57 0.33 0.00	38.35 0.90 0.00	42.07 1.77 0.00	42.09 2.31 0.00	47.51 3.40 0.00	49.05 2.82 0.00	55.45 3.68 0.00	63.06 4.62 0.00	69.42 5.08 0.00	66.02 4.26 0.00	59.84 4.38 0.00	55.04 3.94 0.00	43.20 1.98 0.00	40.91 2.64 0.00	37.37 1.51 0.00

CALVERTON___SOLAR 323806	38.56 2.77 -5.05	36.35 2.47 -4.87	32.76 2.27 -3.77	31.48 2.20 -3.41	31.02 2.16 -2.89	33.03 2.22 -3.12	34.12 2.56 -2.17	35.66 2.68 -0.63	38.40 3.05 -1.03	39.10 2.86 0.00	40.49 3.03 0.00	43.45 3.06 -0.09	42.90 3.11 0.00	47.80 3.66 -0.02	50.54 3.83 -0.48	56.59 4.82 0.00	70.06 6.08 -5.54	73.10 6.69 -2.07	68.19 6.42 -0.01	60.68 5.21 -0.01	55.81 4.70 0.00	45.44 4.21 -0.01	41.67 3.40 0.00	39.10 3.23 0.00
CANDIGU_WT_PWR 323617	31.17 0.43 0.00	29.40 0.38 0.00	26.88 0.16 0.00	25.90 0.03 0.00	26.06 0.08 0.00	28.02 0.33 0.00	29.51 0.12 0.00	32.25 -0.10 0.00	34.49 0.17 0.00	36.88 0.51 -0.13	38.54 1.09 0.00	41.91 1.61 0.00	41.70 1.91 0.00	46.63 2.51 0.00	48.36 2.13 0.00	54.57 2.79 0.00	62.07 3.62 0.00	68.51 4.18 0.00	65.84 4.08 0.00	59.70 3.88 -0.36	54.97 3.48 -0.38	43.43 2.10 -0.11	40.04 1.72 -0.05	37.23 1.36 0.00
CARR STREET_E_SYR 24060	30.65 -0.09 0.00	28.93 -0.09 0.00	26.59 -0.13 0.00	25.69 -0.18 0.00	25.80 -0.18 0.00	27.61 -0.08 0.00	29.25 -0.15 0.00	32.19 -0.16 0.00	34.22 -0.10 0.00	36.58 0.00 -0.34	37.64 0.19 0.00	40.66 0.36 0.00	40.18 0.40 0.00	44.69 0.57 0.00	46.64 0.42 0.00	52.40 0.62 0.00	59.32 0.88 0.00	65.30 0.97 0.00	62.69 0.93 0.00	57.23 0.83 -0.94	52.84 0.72 -1.01	41.88 0.37 -0.29	38.64 0.23 -0.14	35.94 0.07 0.00
CARTHAGE___PAPER 23857	30.53 -0.21 0.00	28.88 -0.14 0.00	26.48 -0.24 0.00	25.62 -0.26 0.00	25.77 -0.21 0.00	27.69 0.00 0.00	29.48 0.09 0.00	32.48 0.13 0.00	34.22 -0.10 0.00	36.50 -0.18 -0.44	37.19 -0.26 0.00	40.10 -0.20 0.00	39.59 -0.20 0.00	43.94 -0.18 0.00	46.00 -0.23 0.00	51.42 -0.36 0.00	57.98 -0.47 0.00	63.35 -0.32 0.66	61.79 0.12 0.10	57.33 0.67 -1.20	53.11 0.72 -1.29	42.01 0.41 -0.37	38.68 0.23 -0.18	35.94 0.07 0.00
CASSADAGA_WT_PWR 323784	31.63 0.89 0.00	29.83 0.81 0.00	27.20 0.48 0.00	26.08 0.21 0.00	26.24 0.26 0.00	28.41 0.72 0.00	29.95 0.56 0.00	32.87 0.52 0.00	35.35 1.03 0.00	37.91 1.67 0.00	40.15 2.70 0.00	43.80 3.50 0.00	43.88 4.10 0.00	49.36 5.25 0.00	50.85 4.62 0.00	57.57 5.80 0.00	65.51 7.07 0.00	72.05 7.72 0.00	69.11 7.35 0.00	62.33 6.88 0.00	57.24 6.13 0.00	45.06 3.83 0.00	41.44 3.17 0.00	38.70 2.83 0.00
CE_DUNWOOD___DRP 24194	32.83 2.09 0.00	30.91 1.89 0.00	28.45 1.74 0.00	27.56 1.68 0.00	27.62 1.64 0.00	29.38 1.69 0.00	31.34 1.94 0.00	34.68 2.33 0.00	36.79 2.47 0.00	39.10 2.86 0.00	40.30 2.85 0.00	43.20 2.90 0.00	42.65 2.86 0.00	47.12 3.00 0.00	49.60 3.37 0.00	55.87 4.09 0.00	63.12 4.68 0.00	69.42 5.08 0.00	66.45 4.69 0.00	59.40 3.94 0.00	54.53 3.42 0.00	44.23 3.01 0.00	40.87 2.60 0.00	38.27 2.40 0.00
CE_MILLWOOD___DRP 24193	32.74 2.00 0.00	30.85 1.83 0.00	28.40 1.68 0.00	27.48 1.60 0.00	27.54 1.56 0.00	29.32 1.63 0.00	31.25 1.85 0.00	34.58 2.23 0.00	36.69 2.37 0.00	38.96 2.72 0.00	40.18 2.73 0.00	43.08 2.78 0.00	42.49 2.71 0.00	46.98 2.87 0.00	49.46 3.24 0.00	55.71 3.93 0.00	62.95 4.50 0.00	69.22 4.89 0.00	66.33 4.57 0.00	59.23 3.77 0.00	54.38 3.27 0.00	44.11 2.89 0.00	40.75 2.49 0.00	38.16 2.30 0.00
CE_NYC2_DRP 24202	33.20 2.46 0.00	31.25 2.23 0.00	28.75 2.03 0.00	27.81 1.94 0.00	27.85 1.87 0.00	29.63 1.94 0.00	31.63 2.23 0.00	35.07 2.72 0.00	37.17 2.85 0.00	39.47 3.23 0.00	40.71 3.26 0.00	43.56 3.26 0.00	43.05 3.26 0.00	47.47 3.35 0.00	49.88 3.65 0.00	56.38 4.61 0.00	63.41 4.97 0.00	69.80 5.47 0.00	66.70 4.94 0.00	59.56 4.10 0.00	54.63 3.53 0.00	44.52 3.30 0.00	41.25 2.98 0.00	38.70 2.83 0.00
CE_NYC_DRP 24195	33.14 2.40 0.00	31.17 2.15 0.00	28.67 1.95 0.00	27.74 1.86 0.00	27.77 1.79 0.00	29.57 1.88 0.00	31.57 2.18 0.00	35.04 2.69 0.00	37.20 2.88 0.00	39.54 3.30 0.00	40.75 3.30 0.00	43.68 3.38 0.00	43.09 3.30 0.00	47.56 3.44 0.00	50.06 3.84 0.00	56.49 4.71 0.00	63.70 5.26 0.00	70.06 5.73 0.00	66.95 5.19 0.00	59.78 4.33 0.00	54.94 3.83 0.00	44.60 3.38 0.00	41.25 2.98 0.00	38.63 2.76 0.00
CHAFFEE___LFGE 323603	31.05 0.31 0.00	29.34 0.32 0.00	26.72 0.00 0.00	25.69 -0.18 0.00	25.85 -0.13 0.00	27.80 0.11 0.00	29.22 -0.18 0.00	31.77 -0.58 0.00	34.22 -0.10 0.00	36.71 0.47 0.00	38.80 1.35 0.00	42.47 2.17 0.00	42.49 2.71 0.00	47.87 3.75 0.00	49.37 3.15 0.00	55.86 4.09 0.00	63.59 5.14 0.00	69.93 5.59 0.00	66.88 5.12 0.00	60.28 4.82 0.00	55.40 4.29 0.00	43.45 2.22 0.00	40.03 1.76 0.00	37.52 1.65 0.00
CHATEAUG_35_KV_LOAD 355732	29.94 -0.80 0.00	28.44 -0.58 0.00	26.18 -0.53 0.00	25.38 -0.49 0.00	25.59 -0.39 0.00	27.36 -0.33 0.00	29.19 -0.21 0.00	32.06 -0.29 0.00	33.77 -0.55 0.00	35.66 -0.58 0.00	36.85 -0.60 0.00	39.57 -0.73 0.00	39.07 -0.72 0.00	43.37 -0.75 0.00	45.26 -0.97 0.00	50.07 -1.71 0.00	56.05 -2.40 0.00	58.63 -2.83 2.88	58.50 -2.84 0.42	52.68 -2.77 0.01	49.11 -1.99 0.00	39.90 -1.32 0.00	36.96 -1.30 0.00	35.12 -0.75 0.00
CHATEAUG_WT_PWR 323614	30.22 -0.52 0.00	28.76 -0.26 0.00	26.42 -0.29 0.00	25.62 -0.26 0.00	25.93 -0.05 0.00	27.80 0.11 0.00	29.72 0.32 0.00	32.42 0.06 0.00	34.18 -0.14 0.00	36.46 0.22 0.00	37.49 0.04 0.00	40.26 -0.04 0.00	39.83 0.04 0.00	44.25 0.13 0.00	46.51 0.28 0.00	50.27 -1.50 0.00	56.05 -2.40 0.00	58.52 -2.89 2.92	58.31 -3.02 0.43	52.07 -3.38 0.01	49.01 -2.10 0.00	39.90 -1.32 0.00	37.08 -1.19 0.00	35.15 -0.72 0.00
CHAT_HIGH_FALL_HYD 323578	29.94 -0.80 0.00	28.44 -0.58 0.00	26.18 -0.53 0.00	25.38 -0.49 0.00	25.59 -0.39 0.00	27.36 -0.33 0.00	29.19 -0.21 0.00	32.06 -0.29 0.00	33.77 -0.55 0.00	35.66 -0.58 0.00	36.85 -0.60 0.00	39.57 -0.73 0.00	39.07 -0.72 0.00	43.37 -0.75 0.00	45.26 -0.97 0.00	50.07 -1.71 0.00	56.05 -2.40 0.00	58.63 -2.83 2.88	58.50 -2.84 0.42	52.68 -2.77 0.01	49.11 -1.99 0.00	39.90 -1.32 0.00	36.96 -1.30 0.00	35.12 -0.75 0.00
CHAUTAUQUA___LFGE 323629	31.48 0.74 0.00	29.69 0.67 0.00	27.06 0.35 0.00	26.00 0.13 0.00	26.16 0.18 0.00	28.22 0.52 0.00	29.72 0.32 0.00	32.45 0.10 0.00	34.94 0.62 0.00	37.47 1.23 0.00	39.62 2.17 0.00	43.32 3.02 0.00	43.33 3.54 0.00	48.75 4.63 0.00	50.25 4.02 0.00	56.90 5.13 0.00	64.76 6.31 0.00	71.22 6.89 0.00	68.18 6.42 0.00	61.45 5.99 0.00	56.42 5.32 0.00	44.36 3.13 0.00	40.87 2.60 0.00	38.17 2.30 0.00
CHERRYST_13_KV_LD 356241	33.26 2.52 0.00	31.28 2.26 0.00	28.78 2.06 0.00	27.84 1.97 0.00	27.88 1.90 0.00	29.68 1.99 0.00	31.72 2.32 0.00	35.20 2.85 0.00	37.41 3.09 0.00	39.72 3.48 0.00	40.97 3.52 0.00	43.92 3.63 0.00	43.37 3.58 0.00	47.82 3.71 0.00	50.34 4.11 0.00	56.85 5.07 0.00	64.06 5.61 0.00	70.45 6.11 0.00	67.32 5.56 0.00	60.06 4.60 0.00	55.15 4.04 0.00	44.77 3.55 0.00	41.44 3.18 0.00	38.77 2.91 0.00

CHESTROR_138KV_BK263 355645	32.31 1.57 0.00	30.47 1.45 0.00	28.05 1.34 0.00	27.17 1.29 0.00	27.25 1.27 0.00	28.99 1.30 0.00	30.87 1.47 0.00	34.07 1.71 0.00	36.14 1.82 0.00	38.38 2.14 0.00	39.59 2.13 0.00	42.47 2.18 0.00	41.89 2.11 0.00	46.32 2.21 0.00	48.77 2.54 0.00	54.88 3.11 0.00	62.01 3.57 0.00	68.32 3.99 0.00	65.47 3.71 0.00	58.56 3.11 0.00	53.77 2.66 0.00	43.53 2.31 0.00	40.29 2.03 0.00	37.70 1.83 0.00
CH_MIDHUDSON___DRP 24192	32.62 1.88 0.00	30.76 1.74 0.00	28.32 1.60 0.00	27.43 1.55 0.00	27.51 1.53 0.00	29.24 1.55 0.00	31.07 1.68 0.00	34.29 1.94 0.00	36.38 2.06 0.00	38.60 2.36 0.00	39.81 2.36 0.00	42.63 2.34 0.00	42.09 2.31 0.00	46.50 2.38 0.00	48.95 2.73 0.00	55.09 3.31 0.00	62.59 4.15 0.00	68.97 4.63 0.00	66.08 4.32 0.00	59.06 3.60 0.00	54.23 3.12 0.00	43.86 2.64 0.00	40.56 2.30 0.00	37.98 2.12 0.00
CH_MISC_IPPS 23765	32.89 2.15 0.00	30.90 1.89 0.00	28.45 1.74 0.00	27.55 1.68 0.00	27.62 1.64 0.00	29.35 1.66 0.00	31.48 2.09 0.00	34.61 2.26 0.00	36.86 2.54 0.00	38.85 2.61 0.00	40.26 2.81 0.00	43.24 2.94 0.00	42.73 2.94 0.00	47.25 3.13 0.00	49.79 3.56 0.00	56.17 4.40 0.00	63.12 4.68 0.00	69.61 5.28 0.00	66.64 4.88 0.00	59.62 4.16 0.00	54.68 3.58 0.00	44.19 2.97 0.00	40.98 2.72 0.00	38.17 2.30 0.00
CH_RES_BVR_FALLS 23983	29.82 -0.92 0.00	28.21 -0.81 0.00	26.00 -0.72 0.00	25.20 -0.67 0.00	25.33 -0.65 0.00	27.00 -0.69 0.00	28.72 -0.67 0.00	31.67 -0.68 0.00	33.60 -0.72 0.00	35.52 -0.72 0.00	36.59 -0.86 0.00	39.33 -0.97 0.00	38.79 -0.99 0.00	42.93 -1.19 0.00	45.03 -1.20 0.00	50.17 -1.61 0.00	56.34 -2.10 0.00	57.43 -2.31 4.59	58.87 -2.22 0.67	53.50 -1.94 0.01	49.47 -1.64 0.00	39.95 -1.28 0.00	37.15 -1.11 0.00	34.97 -0.90 0.00
CH_RES_NIAGARA 23895	30.50 -0.25 0.00	28.26 -0.75 0.00	25.70 -1.02 0.00	24.71 -1.16 0.00	24.89 -1.09 0.00	26.67 -1.02 0.00	28.37 -1.03 0.00	30.09 -2.26 0.00	32.88 -1.44 0.00	34.75 -1.49 0.00	36.51 -0.94 0.00	40.13 -0.16 0.00	40.10 0.32 0.00	45.18 1.06 0.00	46.55 0.32 0.00	52.60 0.83 0.00	59.85 1.40 0.00	66.01 1.67 0.00	62.69 0.93 0.00	56.90 1.44 0.00	52.49 1.38 0.00	41.22 0.00 0.00	39.15 0.88 0.00	35.87 0.00 0.00
CH_RES_SYRACUSE 23985	30.86 0.12 0.00	29.14 0.12 0.00	26.74 0.03 0.00	25.85 -0.03 0.00	25.95 -0.03 0.00	27.77 0.08 0.00	29.43 0.03 0.00	32.42 0.06 0.00	34.39 0.07 0.00	37.02 0.15 -0.63	37.79 0.34 0.00	40.86 0.56 0.00	40.14 0.36 0.00	44.60 0.49 0.00	46.55 0.33 0.00	52.29 0.52 0.00	59.20 0.76 0.00	65.17 0.83 0.00	62.56 0.80 0.00	57.91 0.72 -1.73	53.63 0.66 -1.86	42.05 0.29 -0.53	38.80 0.27 -0.26	36.15 0.29 0.00
CLINTON_WT_PWR 323605	30.22 -0.52 0.00	28.76 -0.26 0.00	26.42 -0.29 0.00	25.62 -0.26 0.00	25.93 -0.05 0.00	27.80 0.11 0.00	29.72 0.32 0.00	32.42 0.06 0.00	34.18 -0.14 0.00	36.46 0.22 0.00	37.49 0.04 0.00	40.26 -0.04 0.00	39.83 0.04 0.00	44.25 0.13 0.00	46.51 0.28 0.00	50.27 -1.50 0.00	56.05 -2.40 0.00	58.52 -2.89 2.92	58.31 -3.02 0.43	52.07 -3.38 0.01	49.01 -2.10 0.00	39.90 -1.32 0.00	37.08 -1.19 0.00	35.15 -0.72 0.00
CLINTON___LFGE 323618	30.40 -0.34 0.00	28.90 -0.12 0.00	26.59 -0.13 0.00	25.75 -0.13 0.00	26.03 0.05 0.00	27.89 0.20 0.00	29.81 0.41 0.00	32.58 0.23 0.00	34.28 -0.03 0.00	36.50 0.26 0.00	37.56 0.11 0.00	40.30 0.00 0.00	39.87 0.08 0.00	44.29 0.18 0.00	46.60 0.37 0.00	50.53 -1.24 0.00	56.52 -1.93 0.00	58.91 -2.51 2.91	58.74 -2.59 0.43	52.73 -2.72 0.01	49.52 -1.58 0.00	40.36 -0.87 0.00	37.42 -0.84 0.00	35.58 -0.29 0.00
COBBLENY_34_KV_TB1 80064	31.72 0.98 0.00	29.34 0.32 0.00	26.72 0.00 0.00	25.69 -0.18 0.00	25.85 -0.13 0.00	27.83 0.14 0.00	29.63 0.24 0.00	31.80 -0.55 0.00	34.63 0.31 0.00	36.75 0.51 0.00	38.54 1.09 0.00	42.31 2.01 0.00	42.33 2.55 0.00	47.82 3.71 0.00	49.42 3.19 0.00	55.87 4.09 0.00	63.59 5.14 0.00	69.93 5.60 0.00	66.52 4.76 0.00	60.28 4.82 0.00	55.40 4.29 0.00	43.45 2.23 0.00	41.14 2.87 0.00	37.52 1.65 0.00
COFFEEN___115KV_TB3 355620	31.05 0.31 0.00	29.34 0.32 0.00	26.88 0.16 0.00	25.98 0.10 0.00	26.13 0.16 0.00	28.13 0.44 0.00	29.95 0.56 0.00	32.93 0.58 0.00	34.70 0.38 0.00	37.14 0.36 -0.53	37.75 0.30 0.00	40.82 0.52 0.00	40.26 0.48 0.00	44.69 0.57 0.00	46.69 0.46 0.00	52.24 0.47 0.00	59.03 0.58 0.00	64.69 0.90 0.55	63.04 1.36 0.08	59.03 2.11 -1.47	54.63 1.94 -1.58	43.00 1.32 -0.45	39.52 1.03 -0.22	36.59 0.72 0.00
COLDSPRG_115KV_BK1 355956	32.68 1.94 0.00	30.18 1.16 0.00	27.52 0.80 0.00	26.42 0.54 0.00	26.58 0.60 0.00	28.80 1.11 0.00	30.75 1.35 0.00	33.42 1.07 0.00	36.31 1.99 0.00	38.60 2.36 0.00	40.52 3.07 0.00	44.20 3.91 0.00	44.28 4.50 0.00	50.03 5.91 0.00	51.59 5.36 0.00	58.35 6.58 0.00	66.33 7.89 0.00	72.96 8.62 0.00	69.48 7.72 0.00	62.95 7.49 0.00	57.80 6.70 0.00	45.43 4.20 0.00	43.05 4.78 0.00	39.06 3.19 0.00
COLONIE_LFGE___ 323577	32.28 1.54 0.00	30.44 1.42 0.00	28.05 1.34 0.00	27.19 1.32 0.00	27.28 1.30 0.00	29.02 1.33 0.00	30.81 1.41 0.00	33.84 1.49 0.00	35.90 1.58 0.00	37.76 1.52 0.00	39.06 1.61 0.00	41.95 1.65 0.00	41.30 1.51 0.00	45.75 1.63 0.00	47.98 1.76 0.00	53.79 2.02 0.00	60.90 2.45 0.00	67.16 2.83 0.00	64.73 2.96 0.00	58.07 2.61 0.00	53.61 2.50 0.00	43.24 2.02 0.00	40.06 1.80 0.00	37.44 1.58 0.00
COOPERNY_115KV_TB1 80082	31.91 1.17 0.00	30.09 1.07 0.00	27.73 1.02 0.00	26.86 0.98 0.00	26.91 0.94 0.00	28.69 1.00 0.00	30.48 1.09 0.00	33.61 1.26 0.00	35.66 1.34 0.00	37.83 1.59 0.00	39.06 1.61 0.00	41.95 1.65 0.00	41.42 1.63 0.00	45.84 1.72 0.00	48.17 1.94 0.00	54.16 2.38 0.00	61.13 2.69 0.00	67.29 2.96 0.00	64.54 2.78 0.00	57.84 2.38 0.00	53.15 2.04 0.00	43.00 1.77 0.00	39.83 1.57 0.00	37.23 1.36 0.00
COPENHAGEN_WT_PWR 323753	30.71 -0.03 0.00	29.05 0.03 0.00	26.64 -0.08 0.00	25.75 -0.13 0.00	25.90 -0.08 0.00	27.86 0.17 0.00	29.60 0.21 0.00	32.61 0.26 0.00	34.35 0.03 0.00	36.80 0.00 -0.56	37.41 -0.04 0.00	40.46 0.16 0.00	39.91 0.12 0.00	44.29 0.18 0.00	46.32 0.09 0.00	51.83 0.05 0.00	58.50 0.06 0.00	64.08 0.26 0.52	62.37 0.68 0.08	58.21 1.22 -1.54	53.94 1.18 -1.65	42.40 0.70 -0.47	38.96 0.46 -0.23	36.15 0.29 0.00
CORNELL_____ 23752	31.72 0.98 0.00	29.83 0.81 0.00	27.36 0.64 0.00	26.44 0.57 0.00	26.55 0.57 0.00	28.49 0.80 0.00	30.25 0.85 0.00	33.22 0.87 0.00	35.35 1.03 0.00	37.74 1.16 -0.34	38.69 1.24 0.00	41.83 1.53 0.00	41.38 1.59 0.00	46.10 1.99 0.00	48.12 1.90 0.00	54.11 2.33 0.00	61.43 2.98 0.00	67.74 3.41 0.00	65.16 3.40 0.00	59.68 3.27 -0.95	55.04 2.91 -1.02	43.58 2.06 -0.29	40.40 1.99 -0.14	37.27 1.40 0.00

CORONA__69_KV_TB1 355595	38.68 2.89 -5.05	36.50 2.61 -4.87	32.89 2.40 -3.77	31.59 2.30 -3.41	31.10 2.23 -2.89	33.19 2.38 -3.12	34.21 2.65 -2.17	36.08 3.11 -0.63	38.68 3.33 -1.03	39.97 3.73 0.00	41.08 3.63 0.00	44.34 3.67 -0.38	43.45 3.66 0.00	48.32 4.10 -0.10	52.57 4.25 -2.09	56.90 5.13 0.00	88.61 6.08 -24.09	79.93 6.63 -8.97	67.94 6.18 0.00	60.51 5.05 0.00	55.61 4.50 0.00	45.31 4.08 0.00	41.71 3.44 0.00	39.24 3.37 0.00
CORTLAND__115KV_TB3 80093	31.60 0.86 0.00	29.72 0.70 0.00	27.28 0.56 0.00	26.37 0.49 0.00	26.47 0.49 0.00	28.38 0.69 0.00	30.16 0.76 0.00	33.13 0.78 0.00	35.21 0.89 0.00	37.62 1.05 -0.33	38.57 1.12 0.00	41.71 1.41 0.00	41.26 1.47 0.00	45.93 1.81 0.00	47.98 1.76 0.00	53.90 2.12 0.00	61.07 2.63 0.00	67.29 2.96 0.00	64.66 2.90 0.00	59.13 2.77 -0.90	54.58 2.50 -0.97	43.27 1.77 -0.28	40.12 1.72 -0.14	37.05 1.18 0.00
COXSACKIE__GT 23611	32.68 1.94 0.00	30.90 1.89 0.00	28.43 1.71 0.00	27.58 1.71 0.00	27.72 1.74 0.00	29.38 1.69 0.00	31.25 1.85 0.00	33.97 1.62 0.00	36.07 1.75 0.00	37.87 1.63 0.00	38.95 1.50 0.00	41.87 1.57 0.00	41.38 1.59 0.00	45.93 1.81 0.00	48.26 2.03 0.00	54.26 2.49 0.00	61.42 2.98 0.00	68.58 4.25 0.00	66.58 4.82 0.00	59.95 4.49 0.00	55.20 4.09 0.00	44.32 3.09 0.00	40.75 2.49 0.00	38.13 2.26 0.00
CPV_VALLEY__CC1 323721	32.16 1.41 0.00	30.27 1.25 0.00	27.87 1.15 0.00	26.99 1.11 0.00	27.04 1.07 0.00	28.80 1.11 0.00	30.72 1.32 0.00	33.81 1.46 0.00	35.93 1.61 0.00	37.87 1.63 0.00	39.25 1.80 0.00	42.11 1.81 0.00	41.58 1.79 0.00	45.97 1.85 0.00	48.31 2.08 0.00	54.41 2.64 0.00	61.48 3.04 0.00	67.68 3.34 0.00	64.79 3.03 0.00	58.01 2.55 0.00	53.30 2.20 0.00	43.16 1.94 0.00	40.10 1.84 0.00	37.37 1.51 0.00
CPV_VALLEY__CC2 323722	32.16 1.41 0.00	30.27 1.25 0.00	27.87 1.15 0.00	26.99 1.11 0.00	27.04 1.07 0.00	28.80 1.11 0.00	30.72 1.32 0.00	33.81 1.46 0.00	35.93 1.61 0.00	37.87 1.63 0.00	39.25 1.80 0.00	42.11 1.81 0.00	41.58 1.79 0.00	45.97 1.85 0.00	48.31 2.08 0.00	54.41 2.64 0.00	61.48 3.04 0.00	67.68 3.34 0.00	64.79 3.03 0.00	58.01 2.55 0.00	53.30 2.20 0.00	43.16 1.94 0.00	40.10 1.84 0.00	37.37 1.51 0.00
CRESCENT__HYD 24018	32.28 1.54 0.00	30.44 1.42 0.00	28.05 1.34 0.00	27.19 1.32 0.00	27.28 1.30 0.00	29.02 1.33 0.00	30.81 1.41 0.00	33.84 1.49 0.00	35.90 1.58 0.00	37.76 1.52 0.00	39.06 1.61 0.00	41.95 1.65 0.00	41.30 1.51 0.00	45.75 1.63 0.00	47.98 1.76 0.00	53.79 2.02 0.00	60.90 2.45 0.00	67.16 2.83 0.00	64.73 2.96 0.00	58.07 2.61 0.00	53.61 2.50 0.00	43.24 2.02 0.00	40.06 1.80 0.00	37.44 1.58 0.00
CRICKET__VALLEY_CC1 323756	32.49 1.75 0.00	30.53 1.51 0.00	28.16 1.44 0.00	27.27 1.40 0.00	27.33 1.35 0.00	29.07 1.38 0.00	30.98 1.59 0.00	34.10 1.75 0.00	36.21 1.89 0.00	38.05 1.81 0.00	39.43 1.98 0.00	42.23 1.93 0.00	41.66 1.87 0.00	46.06 1.94 0.00	48.45 2.22 0.00	54.41 2.64 0.00	61.66 3.21 0.00	67.81 3.47 0.00	65.03 3.27 0.00	58.18 2.72 0.00	53.61 2.50 0.00	43.37 2.14 0.00	40.33 2.06 0.00	37.66 1.79 0.00
CRICKET__VALLEY_CC2 323757	32.49 1.75 0.00	30.53 1.51 0.00	28.16 1.44 0.00	27.27 1.40 0.00	27.33 1.35 0.00	29.07 1.38 0.00	30.98 1.59 0.00	34.10 1.75 0.00	36.21 1.89 0.00	38.05 1.81 0.00	39.43 1.98 0.00	42.23 1.93 0.00	41.66 1.87 0.00	46.06 1.94 0.00	48.45 2.22 0.00	54.41 2.64 0.00	61.66 3.21 0.00	67.81 3.47 0.00	65.03 3.27 0.00	58.18 2.72 0.00	53.61 2.50 0.00	43.37 2.14 0.00	40.33 2.06 0.00	37.66 1.79 0.00
CRICKET__VALLEY_CC3 323758	32.49 1.75 0.00	30.53 1.51 0.00	28.16 1.44 0.00	27.27 1.40 0.00	27.33 1.35 0.00	29.07 1.38 0.00	30.98 1.59 0.00	34.10 1.75 0.00	36.21 1.89 0.00	38.05 1.81 0.00	39.43 1.98 0.00	42.23 1.93 0.00	41.66 1.87 0.00	46.06 1.94 0.00	48.45 2.22 0.00	54.41 2.64 0.00	61.66 3.21 0.00	67.81 3.47 0.00	65.03 3.27 0.00	58.18 2.72 0.00	53.61 2.50 0.00	43.37 2.14 0.00	40.33 2.06 0.00	37.66 1.79 0.00
CRUCIBLE_METL_DRP 24180	30.96 0.22 0.00	29.14 0.12 0.00	26.74 0.03 0.00	25.85 -0.03 0.00	25.95 -0.03 0.00	27.77 0.08 0.00	29.48 0.09 0.00	32.42 0.06 0.00	34.46 0.14 0.00	37.09 0.22 -0.63	37.75 0.30 0.00	40.82 0.52 0.00	40.14 0.36 0.00	44.60 0.49 0.00	46.60 0.37 0.00	52.29 0.52 0.00	59.20 0.76 0.00	65.17 0.84 0.00	62.50 0.74 0.00	57.91 0.72 -1.73	53.64 0.66 -1.86	42.05 0.29 -0.53	38.95 0.42 -0.26	36.16 0.29 0.00
DAHOWA__HYDRO 323763	32.89 2.15 0.00	31.08 2.06 0.00	28.59 1.87 0.00	27.66 1.78 0.00	27.80 1.82 0.00	29.66 1.97 0.00	31.42 2.03 0.00	34.55 2.20 0.00	36.65 2.33 0.00	38.56 2.32 0.00	39.74 2.28 0.00	42.79 2.50 0.00	42.01 2.23 0.00	46.50 2.38 0.00	48.63 2.40 0.00	54.67 2.90 0.00	61.89 3.45 0.00	68.51 4.18 0.00	66.52 4.76 0.00	59.79 4.33 0.00	55.35 4.24 0.00	44.48 3.26 0.00	41.06 2.79 0.00	38.24 2.37 0.00
DANC__LFGE 323619	30.56 -0.18 0.00	28.88 -0.14 0.00	26.50 -0.21 0.00	25.64 -0.23 0.00	25.77 -0.21 0.00	27.66 -0.03 0.00	29.37 -0.03 0.00	32.29 -0.06 0.00	34.15 -0.17 0.00	36.69 -0.25 -0.70	37.23 -0.22 0.00	40.26 -0.04 0.00	39.75 -0.04 0.00	44.12 0.00 0.00	46.09 -0.14 0.00	51.67 -0.10 0.00	58.39 -0.06 0.00	64.05 0.06 0.35	62.02 0.31 0.05	58.11 0.72 -1.93	53.84 0.66 -2.07	42.11 0.29 -0.59	38.71 0.15 -0.29	35.90 0.04 0.00
DANSKAMMER__1 23586	32.89 2.15 0.00	30.90 1.89 0.00	28.45 1.74 0.00	27.55 1.68 0.00	27.62 1.64 0.00	29.35 1.66 0.00	31.48 2.09 0.00	34.61 2.26 0.00	36.86 2.54 0.00	38.85 2.61 0.00	40.26 2.81 0.00	43.24 2.94 0.00	42.73 2.94 0.00	47.25 3.13 0.00	49.79 3.56 0.00	56.17 4.40 0.00	63.12 4.68 0.00	69.61 5.28 0.00	66.64 4.88 0.00	59.62 4.16 0.00	54.68 3.58 0.00	44.19 2.97 0.00	40.98 2.72 0.00	38.17 2.30 0.00
DANSKAMMER__2 23589	32.89 2.15 0.00	30.90 1.89 0.00	28.45 1.74 0.00	27.55 1.68 0.00	27.62 1.64 0.00	29.35 1.66 0.00	31.48 2.09 0.00	34.61 2.26 0.00	36.86 2.54 0.00	38.85 2.61 0.00	40.26 2.81 0.00	43.24 2.94 0.00	42.73 2.94 0.00	47.25 3.13 0.00	49.79 3.56 0.00	56.17 4.40 0.00	63.12 4.68 0.00	69.61 5.28 0.00	66.64 4.88 0.00	59.62 4.16 0.00	54.68 3.58 0.00	44.19 2.97 0.00	40.98 2.72 0.00	38.17 2.30 0.00
DANSKAMMER__3 23590	32.89 2.15 0.00	30.90 1.89 0.00	28.45 1.74 0.00	27.55 1.68 0.00	27.62 1.64 0.00	29.35 1.66 0.00	31.48 2.09 0.00	34.61 2.26 0.00	36.86 2.54 0.00	38.85 2.61 0.00	40.26 2.81 0.00	43.24 2.94 0.00	42.73 2.94 0.00	47.25 3.13 0.00	49.79 3.56 0.00	56.17 4.40 0.00	63.12 4.68 0.00	69.61 5.28 0.00	66.64 4.88 0.00	59.62 4.16 0.00	54.68 3.58 0.00	44.19 2.97 0.00	40.98 2.72 0.00	38.17 2.30 0.00

DANSKAMMER___4 23591	32.89 2.15 0.00	30.90 1.89 0.00	28.45 1.74 0.00	27.55 1.68 0.00	27.62 1.64 0.00	29.35 1.66 0.00	31.48 2.09 0.00	34.61 2.26 0.00	36.86 2.54 0.00	38.85 2.61 0.00	40.26 2.81 0.00	43.24 2.94 0.00	42.73 2.94 0.00	47.25 3.13 0.00	49.79 3.56 0.00	56.17 4.40 0.00	63.12 4.68 0.00	69.61 5.28 0.00	66.64 4.88 0.00	59.62 4.16 0.00	54.68 3.58 0.00	44.19 2.97 0.00	40.98 2.72 0.00	38.17 2.30 0.00
DANSKAMMER___DIESEL 23592	32.77 2.03 0.00	30.91 1.89 0.00	28.45 1.74 0.00	27.56 1.68 0.00	27.62 1.64 0.00	29.35 1.66 0.00	31.40 2.00 0.00	34.62 2.26 0.00	36.79 2.47 0.00	39.10 2.86 0.00	40.30 2.85 0.00	43.24 2.94 0.00	42.77 2.98 0.00	47.25 3.13 0.00	49.83 3.61 0.00	56.18 4.40 0.00	63.12 4.68 0.00	69.61 5.28 0.00	66.70 4.94 0.00	59.62 4.16 0.00	54.69 3.58 0.00	44.19 2.97 0.00	40.83 2.56 0.00	38.20 2.33 0.00
DARBY___SOLAR 323810	32.77 2.03 0.00	30.93 1.91 0.00	28.48 1.76 0.00	27.58 1.71 0.00	27.69 1.71 0.00	29.55 1.86 0.00	31.31 1.91 0.00	34.42 2.07 0.00	36.52 2.20 0.00	38.45 2.21 0.00	39.62 2.17 0.00	42.67 2.38 0.00	41.93 2.15 0.00	46.41 2.29 0.00	48.54 2.31 0.00	54.57 2.79 0.00	61.72 3.27 0.00	68.26 3.92 0.00	66.21 4.45 0.00	59.50 4.05 0.00	55.04 3.94 0.00	44.27 3.05 0.00	40.87 2.60 0.00	38.09 2.22 0.00
DASHVILLE___HYD 23610	32.40 1.66 0.00	30.56 1.54 0.00	28.13 1.42 0.00	27.27 1.40 0.00	27.33 1.35 0.00	29.02 1.33 0.00	30.92 1.53 0.00	34.10 1.75 0.00	36.21 1.89 0.00	38.45 2.21 0.00	39.66 2.21 0.00	42.47 2.18 0.00	41.97 2.19 0.00	46.32 2.21 0.00	48.86 2.63 0.00	55.04 3.26 0.00	62.19 3.74 0.00	68.52 4.18 0.00	65.65 3.89 0.00	58.68 3.22 0.00	53.56 2.45 0.00	43.37 2.14 0.00	40.10 1.84 0.00	37.52 1.65 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	39.02 3.23 -5.05	36.85 2.96 -4.87	33.21 2.73 -3.77	31.93 2.64 -3.41	31.49 2.62 -2.89	33.50 2.69 -3.12	34.50 2.94 -2.17	36.21 3.24 -0.63	39.06 3.71 -1.03	40.37 4.13 0.00	41.46 4.01 0.00	44.58 4.19 -0.09	43.93 4.14 0.00	49.21 5.07 -0.02	51.98 5.27 -0.48	58.20 6.42 0.00	72.07 8.07 -5.56	75.36 8.94 -2.08	70.36 8.58 -0.01	62.46 6.99 -0.01	57.35 6.24 0.00	46.68 5.44 -0.01	42.29 4.02 0.00	39.85 3.98 0.00
DELAWARE___LFGE 323621	31.97 1.23 0.00	30.18 1.16 0.00	27.79 1.07 0.00	26.91 1.03 0.00	27.02 1.04 0.00	28.83 1.14 0.00	30.57 1.18 0.00	33.68 1.33 0.00	35.73 1.41 0.00	37.98 1.63 -0.11	39.14 1.69 0.00	42.15 1.85 0.00	41.62 1.83 0.00	46.15 2.03 0.00	48.40 2.17 0.00	54.26 2.49 0.00	61.25 2.81 0.00	67.42 3.09 0.00	64.79 3.03 0.00	58.58 2.83 -0.29	53.88 2.45 -0.31	43.33 2.02 -0.09	40.11 1.80 -0.04	37.37 1.51 0.00
DERFIELD_115KV_TB7 355931	30.99 0.25 0.00	29.25 0.23 0.00	26.93 0.21 0.00	26.08 0.21 0.00	26.19 0.21 0.00	27.91 0.22 0.00	29.63 0.24 0.00	32.61 0.26 0.00	34.59 0.27 0.00	36.57 0.33 0.00	37.79 0.34 0.00	40.66 0.36 0.00	40.14 0.36 0.00	44.51 0.40 0.00	46.64 0.42 0.00	52.24 0.47 0.00	59.03 0.58 0.00	65.12 0.64 -0.15	62.40 0.62 -0.02	56.07 0.61 0.00	51.62 0.51 0.00	41.64 0.41 0.00	38.65 0.38 0.00	36.16 0.29 0.00
DOGLEVILLE___HYD 23807	30.93 0.19 0.00	29.19 0.18 0.00	26.88 0.16 0.00	26.03 0.16 0.00	26.14 0.16 0.00	27.91 0.22 0.00	29.63 0.23 0.00	32.64 0.29 0.00	34.63 0.31 0.00	36.60 0.36 0.00	37.86 0.41 0.00	40.82 0.52 0.00	40.27 0.48 0.00	44.65 0.53 0.00	46.60 0.37 0.00	52.14 0.36 0.00	58.86 0.41 0.00	64.87 0.39 -0.15	62.22 0.44 -0.02	55.96 0.50 0.00	51.51 0.41 0.00	41.59 0.37 0.00	38.69 0.42 0.00	36.23 0.36 0.00
DUNKIRK___115KV_TB_200 55889	32.06 1.32 0.00	29.66 0.64 0.00	27.04 0.32 0.00	25.98 0.10 0.00	26.13 0.16 0.00	28.19 0.50 0.00	30.04 0.65 0.00	32.38 0.03 0.00	35.25 0.93 0.00	37.44 1.20 0.00	39.29 1.84 0.00	43.04 2.74 0.00	43.05 3.26 0.00	48.62 4.50 0.00	50.16 3.93 0.00	56.75 4.97 0.00	64.58 6.14 0.00	71.09 6.76 0.00	67.63 5.87 0.00	61.28 5.82 0.00	56.27 5.16 0.00	44.23 3.01 0.00	41.82 3.56 0.00	38.09 2.22 0.00
DUNKIRK___1 23563	32.06 1.32 0.00	29.66 0.64 0.00	27.04 0.32 0.00	25.98 0.10 0.00	26.13 0.16 0.00	28.19 0.50 0.00	30.04 0.65 0.00	32.38 0.03 0.00	35.25 0.93 0.00	37.44 1.20 0.00	39.29 1.84 0.00	43.04 2.74 0.00	43.05 3.26 0.00	48.62 4.50 0.00	50.16 3.93 0.00	56.75 4.97 0.00	64.58 6.14 0.00	71.09 6.76 0.00	67.63 5.87 0.00	61.28 5.82 0.00	56.27 5.16 0.00	44.23 3.01 0.00	41.82 3.56 0.00	38.09 2.22 0.00
DUNKIRK___2 23564	32.06 1.32 0.00	29.66 0.64 0.00	27.04 0.32 0.00	25.98 0.10 0.00	26.13 0.16 0.00	28.19 0.50 0.00	30.04 0.65 0.00	32.38 0.03 0.00	35.25 0.93 0.00	37.44 1.20 0.00	39.29 1.84 0.00	43.04 2.74 0.00	43.05 3.26 0.00	48.62 4.50 0.00	50.16 3.93 0.00	56.75 4.97 0.00	64.58 6.14 0.00	71.09 6.76 0.00	67.63 5.87 0.00	61.28 5.82 0.00	56.27 5.16 0.00	44.23 3.01 0.00	41.82 3.56 0.00	38.09 2.22 0.00
DUNKIRK___3 23565	31.88 1.14 0.00	29.48 0.46 0.00	26.88 0.16 0.00	25.82 -0.05 0.00	25.98 0.00 0.00	28.00 0.30 0.00	29.81 0.41 0.00	32.09 -0.26 0.00	34.94 0.62 0.00	37.11 0.87 0.00	38.91 1.46 0.00	42.63 2.34 0.00	42.65 2.86 0.00	48.09 3.97 0.00	49.69 3.47 0.00	56.18 4.40 0.00	63.94 5.49 0.00	70.38 6.05 0.00	66.95 5.19 0.00	60.67 5.21 0.00	55.71 4.60 0.00	43.78 2.56 0.00	41.44 3.18 0.00	37.73 1.87 0.00
DUNKIRK___4 23566	31.88 1.14 0.00	29.48 0.46 0.00	26.88 0.16 0.00	25.82 -0.05 0.00	25.98 0.00 0.00	28.00 0.30 0.00	29.81 0.41 0.00	32.09 -0.26 0.00	34.94 0.62 0.00	37.11 0.87 0.00	38.91 1.46 0.00	42.63 2.34 0.00	42.65 2.86 0.00	48.09 3.97 0.00	49.69 3.47 0.00	56.18 4.40 0.00	63.94 5.49 0.00	70.38 6.05 0.00	66.95 5.19 0.00	60.67 5.21 0.00	55.71 4.60 0.00	43.78 2.56 0.00	41.44 3.18 0.00	37.73 1.87 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	32.92 2.18 0.00	30.99 1.97 0.00	28.54 1.82 0.00	27.61 1.73 0.00	27.67 1.69 0.00	29.46 1.77 0.00	31.42 2.03 0.00	34.81 2.46 0.00	36.93 2.61 0.00	39.21 2.97 0.00	40.45 3.00 0.00	43.32 3.02 0.00	42.77 2.98 0.00	47.25 3.13 0.00	49.74 3.51 0.00	56.07 4.30 0.00	63.35 4.91 0.00	69.67 5.34 0.00	66.70 4.94 0.00	59.56 4.10 0.00	54.69 3.58 0.00	44.36 3.13 0.00	40.98 2.72 0.00	38.38 2.51 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	32.49 1.75 0.00	30.64 1.63 0.00	28.21 1.50 0.00	27.32 1.45 0.00	27.41 1.43 0.00	29.13 1.44 0.00	31.07 1.68 0.00	34.29 1.94 0.00	36.41 2.09 0.00	38.67 2.43 0.00	39.88 2.43 0.00	42.75 2.46 0.00	42.25 2.47 0.00	46.68 2.56 0.00	49.19 2.96 0.00	55.40 3.62 0.00	62.48 4.03 0.00	68.84 4.50 0.00	66.02 4.26 0.00	59.01 3.55 0.00	54.12 3.02 0.00	43.82 2.60 0.00	40.48 2.22 0.00	37.88 2.01 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	33.33 2.58 -0.01	31.35 2.32 -0.01	28.84 2.11 -0.01	27.90 2.02 -0.01	27.94 1.95 -0.01	29.71 2.02 0.00	31.66 2.26 0.00	34.97 2.62 0.00	37.03 2.71 0.00	39.32 3.08 0.00	40.52 3.07 0.00	43.40 3.10 0.00	42.85 3.06 0.00	47.25 3.13 0.00	49.65 3.42 0.00	56.18 4.40 0.00	63.24 4.79 0.00	69.55 5.21 0.00	66.52 4.76 0.00	59.40 3.94 0.00	54.43 3.32 0.00	44.44 3.22 0.00	41.33 3.06 0.00	38.81 2.94 0.00
E179THST_13_KV_LOAD 356214	33.52 2.77 -0.01	31.52 2.50 -0.01	29.00 2.27 -0.01	28.06 2.17 -0.01	28.09 2.10 -0.01	29.88 2.19 0.00	31.84 2.44 0.00	35.17 2.81 0.00	37.24 2.92 0.00	39.57 3.33 0.00	40.78 3.33 0.00	43.68 3.38 0.00	43.13 3.34 0.00	47.60 3.49 0.00	50.02 3.79 0.00	56.59 4.82 0.00	63.70 5.26 0.00	70.12 5.79 0.00	67.01 5.25 0.00	59.84 4.38 0.00	54.84 3.73 0.00	44.77 3.55 0.00	41.59 3.33 0.00	39.10 3.23 0.00
EAST HAMPTON___GT 23717	39.38 3.59 -5.05	37.05 3.16 -4.87	33.40 2.91 -3.77	32.11 2.82 -3.41	31.65 2.78 -2.89	33.67 2.85 -3.12	34.74 3.18 -2.17	36.44 3.46 -0.63	39.43 4.08 -1.03	40.19 3.95 0.00	41.72 4.27 0.00	44.86 4.47 -0.09	44.25 4.46 0.00	49.43 5.29 -0.02	52.16 5.45 -0.48	58.61 6.83 0.00	72.71 8.71 -5.56	76.13 9.72 -2.08	71.03 9.26 -0.01	63.07 7.60 -0.01	57.91 6.80 0.00	47.17 5.94 -0.01	42.97 4.71 0.00	40.28 4.41 0.00
EAST RIVER___6 23660	33.41 2.67 0.00	31.28 2.26 0.00	28.75 2.03 0.00	27.82 1.94 0.00	27.80 1.82 0.00	29.63 1.94 0.00	31.72 2.32 0.00	35.10 2.75 0.00	37.41 3.09 0.00	39.28 3.04 0.00	40.86 3.41 0.00	43.80 3.50 0.00	43.25 3.46 0.00	47.69 3.57 0.00	50.20 3.98 0.00	56.70 4.92 0.00	63.94 5.49 0.00	70.25 5.92 0.00	67.07 5.31 0.00	59.90 4.44 0.00	55.10 3.99 0.00	44.77 3.55 0.00	41.67 3.40 0.00	38.74 2.87 0.00
EAST RIVER___7 23524	33.41 2.67 0.00	31.28 2.26 0.00	28.75 2.03 0.00	27.82 1.94 0.00	27.80 1.82 0.00	29.63 1.94 0.00	31.72 2.32 0.00	35.10 2.75 0.00	37.41 3.09 0.00	39.28 3.04 0.00	40.86 3.41 0.00	43.80 3.50 0.00	43.25 3.46 0.00	47.69 3.57 0.00	50.20 3.98 0.00	56.70 4.92 0.00	63.94 5.49 0.00	70.25 5.92 0.00	67.07 5.31 0.00	59.90 4.44 0.00	55.10 3.99 0.00	44.77 3.55 0.00	41.67 3.40 0.00	38.74 2.87 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	32.83 2.09 0.00	30.91 1.89 0.00	28.45 1.74 0.00	27.56 1.68 0.00	27.62 1.64 0.00	29.38 1.69 0.00	31.34 1.94 0.00	34.68 2.33 0.00	36.79 2.47 0.00	39.10 2.86 0.00	40.30 2.85 0.00	43.20 2.90 0.00	42.65 2.86 0.00	47.12 3.00 0.00	49.60 3.37 0.00	55.87 4.09 0.00	63.12 4.68 0.00	69.42 5.08 0.00	66.45 4.69 0.00	59.40 3.94 0.00	54.53 3.42 0.00	44.23 3.01 0.00	40.87 2.60 0.00	38.27 2.40 0.00
EAST_HAMPTON___DIESEL 23722	39.35 3.56 -5.05	37.02 3.14 -4.87	33.35 2.86 -3.77	32.08 2.80 -3.41	31.62 2.75 -2.89	33.64 2.83 -3.12	34.71 3.15 -2.17	36.40 3.43 -0.63	39.40 4.05 -1.03	40.16 3.92 0.00	41.69 4.23 0.00	44.82 4.43 -0.09	44.17 4.38 0.00	49.34 5.20 -0.02	52.07 5.36 -0.48	58.46 6.68 0.00	72.60 8.59 -5.56	76.00 9.59 -2.08	70.91 9.14 -0.01	62.95 7.48 -0.01	57.81 6.69 0.00	47.13 5.89 -0.01	42.94 4.67 0.00	40.24 4.37 0.00
EAST_POINT___SOLAR 323840	33.97 3.23 0.00	32.09 3.07 0.00	29.44 2.73 0.00	28.51 2.64 0.00	28.73 2.75 0.00	30.76 3.07 0.00	32.45 3.06 0.00	35.29 2.94 0.00	37.03 2.71 0.00	38.71 2.47 0.00	39.92 2.47 0.00	43.07 2.78 0.00	42.41 2.63 0.00	47.07 2.96 0.00	49.33 3.10 0.00	55.30 3.52 0.00	62.66 4.21 0.00	69.87 5.53 0.00	69.11 7.35 0.00	62.89 7.43 0.00	58.00 6.90 0.00	46.46 5.24 0.00	42.82 4.55 0.00	39.71 3.84 0.00
EAST_PULASKI___ESR 323781	30.46 -0.28 0.00	28.79 -0.23 0.00	26.42 -0.29 0.00	25.56 -0.31 0.00	25.69 -0.29 0.00	27.50 -0.19 0.00	29.16 -0.24 0.00	32.06 -0.29 0.00	33.98 -0.34 0.00	36.77 -0.47 -1.00	37.08 -0.37 0.00	40.02 -0.28 0.00	39.55 -0.24 0.00	43.90 -0.22 0.00	45.91 -0.32 0.00	51.47 -0.31 0.00	58.21 -0.23 0.00	64.03 -0.13 0.18	61.73 0.00 0.03	58.44 0.22 -2.76	54.23 0.15 -2.96	41.99 -0.08 -0.85	38.53 -0.15 -0.42	35.62 -0.25 0.00
EAST_RIVER___1 323558	33.29 2.55 0.00	31.17 2.15 0.00	28.67 1.95 0.00	27.74 1.86 0.00	27.77 1.79 0.00	29.57 1.88 0.00	31.69 2.29 0.00	35.03 2.68 0.00	37.34 3.02 0.00	39.21 2.97 0.00	40.71 3.26 0.00	43.64 3.34 0.00	43.09 3.30 0.00	47.56 3.44 0.00	50.02 3.79 0.00	56.49 4.71 0.00	63.71 5.26 0.00	70.06 5.72 0.00	66.88 5.12 0.00	59.79 4.33 0.00	54.94 3.84 0.00	44.61 3.38 0.00	41.48 3.21 0.00	38.59 2.72 0.00
EAST_RIVER___2 323559	33.41 2.67 0.00	31.28 2.26 0.00	28.75 2.03 0.00	27.82 1.94 0.00	27.80 1.82 0.00	29.63 1.94 0.00	31.72 2.32 0.00	35.10 2.75 0.00	37.41 3.09 0.00	39.28 3.04 0.00	40.86 3.41 0.00	43.80 3.50 0.00	43.25 3.46 0.00	47.69 3.57 0.00	50.20 3.98 0.00	56.70 4.92 0.00	63.94 5.49 0.00	70.25 5.92 0.00	67.07 5.31 0.00	59.90 4.44 0.00	55.10 3.99 0.00	44.77 3.55 0.00	41.67 3.40 0.00	38.74 2.87 0.00
EAST___DELAWARE_HYD 23607	31.79 1.05 0.00	29.89 0.87 0.00	27.49 0.78 0.00	26.62 0.75 0.00	26.71 0.73 0.00	28.38 0.69 0.00	30.34 0.94 0.00	33.39 1.03 0.00	35.49 1.17 0.00	37.40 1.16 0.00	38.72 1.27 0.00	41.55 1.25 0.00	41.06 1.27 0.00	45.40 1.28 0.00	47.89 1.66 0.00	54.00 2.22 0.00	61.01 2.57 0.00	67.36 3.02 0.00	64.54 2.78 0.00	57.84 2.38 0.00	52.95 1.84 0.00	42.79 1.57 0.00	39.64 1.38 0.00	36.91 1.04 0.00
EIGHT_POINT___WT_PWR 323820	31.48 0.74 0.00	29.69 0.67 0.00	27.14 0.43 0.00	26.13 0.26 0.00	26.26 0.29 0.00	28.30 0.61 0.00	29.78 0.38 0.00	32.51 0.16 0.00	34.76 0.44 0.00	37.13 0.76 -0.13	38.84 1.39 0.00	42.31 2.01 0.00	42.09 2.31 0.00	47.12 3.00 0.00	48.77 2.54 0.00	55.04 3.26 0.00	62.71 4.26 0.00	69.36 5.02 0.00	66.76 5.00 0.00	60.69 4.88 -0.35	55.88 4.40 -0.38	44.05 2.72 -0.11	40.61 2.30 -0.05	37.73 1.86 0.00
ELBRIDGE_115KV_TB2 80188	30.80 0.06 0.00	28.99 -0.03 0.00	26.64 -0.08 0.00	25.74 -0.13 0.00	25.85 -0.13 0.00	27.66 -0.03 0.00	29.37 -0.03 0.00	32.25 -0.10 0.00	34.32 0.00 0.00	36.98 0.07 -0.67	37.60 0.15 0.00	40.62 0.32 0.00	40.10 0.32 0.00	44.60 0.49 0.00	46.60 0.37 0.00	52.29 0.52 0.00	59.26 0.82 0.00	65.30 0.97 0.00	62.63 0.86 0.00	58.18 0.89 -1.84	53.85 0.77 -1.97	42.16 0.37 -0.57	39.00 0.46 -0.28	36.01 0.14 0.00
ELEC_TRO_TEK 24086	38.40 2.61 -5.05	36.27 2.38 -4.87	32.65 2.16 -3.77	31.38 2.10 -3.41	30.90 2.03 -2.89	32.95 2.13 -3.12	33.97 2.41 -2.17	35.82 2.85 -0.63	38.40 3.05 -1.03	39.68 3.44 0.00	40.78 3.33 0.00	44.02 3.30 -0.42	43.09 3.30 0.00	47.89 3.66 -0.11	52.44 3.88 -2.33	56.43 4.66 0.00	90.81 5.55 -26.81	80.37 6.05 -9.98	67.38 5.62 0.00	60.01 4.55 0.00	55.09 3.99 0.00	44.85 3.63 0.00	41.25 2.98 0.00	38.85 2.98 0.00

ELLENBURG_WT_PWR 323604	30.22 -0.52 0.00	28.76 -0.26 0.00	26.42 -0.29 0.00	25.62 -0.26 0.00	25.93 -0.05 0.00	27.80 0.11 0.00	29.72 0.32 0.00	32.42 0.06 0.00	34.18 -0.14 0.00	36.46 0.22 0.00	37.49 0.04 0.00	40.26 -0.04 0.00	39.83 0.04 0.00	44.25 0.13 0.00	46.51 0.28 0.00	50.27 -1.50 0.00	56.05 -2.40 0.00	58.52 -2.89 2.92	58.31 -3.02 0.43	52.07 -3.38 0.01	49.01 -2.10 0.00	39.90 -1.32 0.00	37.08 -1.19 0.00	35.15 -0.72 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	31.45 0.71 0.00	29.14 0.12 0.00	26.50 -0.21 0.00	25.49 -0.39 0.00	25.64 -0.34 0.00	27.58 -0.11 0.00	29.34 -0.06 0.00	31.38 -0.97 0.00	34.22 -0.10 0.00	36.28 0.04 0.00	38.05 0.60 0.00	41.75 1.45 0.00	41.78 1.99 0.00	47.12 3.00 0.00	48.63 2.40 0.00	54.93 3.16 0.00	62.48 4.03 0.00	68.84 4.50 0.00	65.47 3.71 0.00	59.34 3.88 0.00	54.58 3.48 0.00	42.87 1.65 0.00	40.64 2.37 0.00	37.12 1.26 0.00
EMPIRE_CC_1 323656	31.75 1.01 0.00	29.92 0.90 0.00	27.71 0.99 0.00	26.86 0.98 0.00	26.91 0.93 0.00	28.55 0.86 0.00	30.34 0.94 0.00	33.29 0.94 0.00	35.31 1.00 0.00	37.11 0.87 0.00	38.39 0.94 0.00	41.14 0.85 0.00	40.54 0.75 0.00	44.91 0.79 0.00	47.10 0.88 0.00	52.81 1.04 0.00	59.79 1.35 0.00	65.88 1.54 0.00	63.31 1.54 0.00	56.79 1.33 0.00	52.39 1.28 0.00	42.34 1.11 0.00	39.34 1.07 0.00	36.80 0.93 0.00
EMPIRE_CC_2 323658	31.75 1.01 0.00	29.92 0.90 0.00	27.71 0.99 0.00	26.86 0.98 0.00	26.91 0.93 0.00	28.55 0.86 0.00	30.34 0.94 0.00	33.29 0.94 0.00	35.31 1.00 0.00	37.11 0.87 0.00	38.39 0.94 0.00	41.14 0.85 0.00	40.54 0.75 0.00	44.91 0.79 0.00	47.10 0.88 0.00	52.81 1.04 0.00	59.79 1.35 0.00	65.88 1.54 0.00	63.31 1.54 0.00	56.79 1.33 0.00	52.39 1.28 0.00	42.34 1.11 0.00	39.34 1.07 0.00	36.80 0.93 0.00
ENORWICH_115KV_TB1 80156	33.23 2.49 0.00	31.28 2.26 0.00	28.64 1.92 0.00	27.63 1.76 0.00	27.80 1.82 0.00	30.07 2.38 0.00	32.01 2.62 0.00	35.23 2.88 0.00	37.24 2.92 0.00	39.75 3.26 -0.25	40.78 3.33 0.00	44.24 3.95 0.00	43.65 3.86 0.00	48.57 4.46 0.00	50.80 4.58 0.00	57.06 5.28 0.00	64.87 6.43 0.00	71.60 7.27 0.00	69.11 7.35 0.00	63.40 7.27 -0.68	58.43 6.59 -0.73	46.34 4.91 -0.21	42.81 4.44 -0.10	39.42 3.55 0.00
ERIE_ST__34_KV_TB1-2 80199	31.69 0.95 0.00	29.31 0.29 0.00	26.69 -0.03 0.00	25.64 -0.23 0.00	25.80 -0.18 0.00	27.80 0.11 0.00	29.63 0.24 0.00	31.83 -0.52 0.00	34.70 0.38 0.00	36.86 0.62 0.00	38.65 1.20 0.00	42.43 2.14 0.00	42.45 2.67 0.00	48.00 3.88 0.00	49.65 3.42 0.00	56.23 4.45 0.00	64.00 5.55 0.00	70.45 6.11 0.00	67.01 5.25 0.00	60.67 5.21 0.00	55.66 4.55 0.00	43.66 2.43 0.00	41.29 3.02 0.00	37.63 1.76 0.00
ERIE_WT_PWR 323693	30.99 0.24 0.00	29.31 0.29 0.00	26.69 -0.03 0.00	25.64 -0.23 0.00	25.82 -0.15 0.00	27.75 0.06 0.00	29.13 -0.27 0.00	31.64 -0.71 0.00	34.08 -0.24 0.00	36.57 0.33 0.00	38.65 1.20 0.00	42.27 1.97 0.00	42.29 2.51 0.00	47.56 3.44 0.00	49.05 2.82 0.00	55.51 3.73 0.00	63.12 4.68 0.00	69.48 5.15 0.00	66.45 4.69 0.00	59.95 4.49 0.00	55.10 3.99 0.00	43.24 2.02 0.00	39.87 1.61 0.00	37.41 1.54 0.00
ESPRGFLD_115KV_TB1 80157	33.14 2.40 0.00	31.28 2.26 0.00	28.70 1.98 0.00	27.79 1.91 0.00	27.95 1.97 0.00	29.93 2.24 0.00	31.78 2.38 0.00	34.94 2.59 0.00	36.96 2.64 0.00	39.10 2.86 0.00	40.33 2.88 0.00	43.56 3.26 0.00	43.01 3.22 0.00	47.73 3.62 0.00	50.06 3.84 0.00	56.02 4.25 0.00	63.35 4.91 0.00	70.06 5.73 0.00	67.88 6.11 0.00	61.34 5.88 0.00	56.42 5.32 0.00	45.31 4.08 0.00	41.86 3.60 0.00	38.85 2.98 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	31.72 0.98 0.00	29.83 0.81 0.00	27.39 0.67 0.00	26.44 0.57 0.00	26.58 0.60 0.00	28.49 0.80 0.00	30.28 0.88 0.00	33.26 0.91 0.00	35.35 1.03 0.00	37.74 1.16 -0.34	38.69 1.24 0.00	41.87 1.57 0.00	41.42 1.63 0.00	46.10 1.99 0.00	48.12 1.90 0.00	54.11 2.33 0.00	61.43 2.98 0.00	67.74 3.41 0.00	65.16 3.40 0.00	59.68 3.27 -0.95	55.04 2.91 -1.02	43.58 2.06 -0.29	40.40 1.99 -0.14	37.27 1.40 0.00
ETNA____115KV_TB2 80207	31.72 0.98 0.00	29.83 0.81 0.00	27.39 0.67 0.00	26.44 0.57 0.00	26.58 0.60 0.00	28.49 0.80 0.00	30.28 0.88 0.00	33.26 0.91 0.00	35.35 1.03 0.00	37.74 1.16 0.00	38.69 1.24 0.00	41.87 1.57 0.00	41.42 1.63 0.00	46.10 1.99 0.00	48.12 1.90 0.00	54.11 2.33 0.00	61.43 2.98 0.00	67.74 3.41 0.00	65.16 3.40 0.00	59.68 3.27 -0.95	55.04 2.91 -1.02	43.58 2.06 -0.29	40.40 1.99 -0.14	37.27 1.40 0.00
EUCLID__115KV_TB2 356179	30.59 -0.15 0.00	28.79 -0.23 0.00	26.45 -0.27 0.00	25.56 -0.31 0.00	25.69 -0.29 0.00	27.44 -0.25 0.00	29.16 -0.24 0.00	32.00 -0.36 0.00	34.08 -0.24 0.00	36.35 -0.18 -0.29	37.34 -0.11 0.00	40.34 0.04 0.00	39.87 0.08 0.00	44.34 0.22 0.00	46.32 0.09 0.00	51.98 0.21 0.00	58.91 0.47 0.00	64.85 0.51 0.00	62.19 0.43 0.00	56.69 0.44 -0.79	52.32 0.36 -0.85	41.55 0.08 -0.24	38.54 0.15 -0.12	35.76 -0.11 0.00
E_CANADA_CAP_HY 24051	33.76 3.01 0.00	31.86 2.85 0.00	29.23 2.51 0.00	28.31 2.43 0.00	28.50 2.52 0.00	30.52 2.83 0.00	32.34 2.94 0.00	35.39 3.04 0.00	37.34 3.02 0.00	39.17 2.93 0.00	40.48 3.03 0.00	43.72 3.42 0.00	43.09 3.30 0.00	47.87 3.75 0.00	50.11 3.88 0.00	56.07 4.29 0.00	63.47 5.03 0.00	70.51 6.18 0.00	68.86 7.10 0.00	62.33 6.88 0.00	57.44 6.34 0.00	46.05 4.82 0.00	42.51 4.25 0.00	39.45 3.59 0.00
E_CANADA_MHWK_HY 24050	30.93 0.19 0.00	29.19 0.18 0.00	26.88 0.16 0.00	26.03 0.16 0.00	26.14 0.16 0.00	27.91 0.22 0.00	29.63 0.23 0.00	32.64 0.29 0.00	34.63 0.31 0.00	36.60 0.36 0.00	37.86 0.41 0.00	40.82 0.52 0.00	40.27 0.48 0.00	44.65 0.53 0.00	46.60 0.37 0.00	52.14 0.36 0.00	58.86 0.41 0.00	64.87 0.39 -0.15	62.22 0.44 -0.02	55.96 0.50 0.00	51.51 0.41 0.00	41.59 0.37 0.00	38.69 0.42 0.00	36.23 0.36 0.00
E_FISHKILL__LBMP 23776	32.52 1.78 0.00	30.64 1.63 0.00	28.24 1.52 0.00	27.35 1.47 0.00	27.41 1.43 0.00	29.16 1.47 0.00	31.04 1.65 0.00	34.32 1.97 0.00	36.38 2.06 0.00	38.63 2.39 0.00	39.81 2.36 0.00	42.67 2.38 0.00	42.09 2.31 0.00	46.50 2.38 0.00	48.95 2.73 0.00	55.04 3.26 0.00	62.24 3.80 0.00	68.45 4.12 0.00	65.59 3.83 0.00	58.68 3.22 0.00	53.97 2.86 0.00	43.70 2.47 0.00	40.45 2.18 0.00	37.91 2.04 0.00
FALCON__SEABRD_CC1 323796	30.43 -0.31 0.00	28.96 -0.06 0.00	26.61 -0.11 0.00	25.80 -0.08 0.00	26.08 0.10 0.00	27.94 0.25 0.00	29.84 0.44 0.00	32.48 0.13 0.00	34.22 -0.10 0.00	36.42 0.18 0.00	37.49 0.04 0.00	40.26 -0.04 0.00	39.83 0.04 0.00	44.21 0.09 0.00	46.51 0.28 0.00	50.22 -1.55 0.00	56.11 -2.34 0.00	58.52 -2.89 2.92	58.31 -3.02 0.43	52.29 -3.16 0.01	49.11 -1.99 0.00	40.15 -1.07 0.00	37.23 -1.03 0.00	35.55 -0.32 0.00

FALCON___SEABRD_CC2 323797	30.43 -0.31 0.00	28.96 -0.06 0.00	26.61 -0.11 0.00	25.80 -0.08 0.00	26.08 0.10 0.00	27.94 0.25 0.00	29.84 0.44 0.00	32.48 0.13 0.00	34.22 -0.10 0.00	36.42 0.18 0.00	37.49 0.04 0.00	40.26 -0.04 0.00	39.83 0.04 0.00	44.21 0.09 0.00	46.51 0.28 0.00	50.22 -1.55 0.00	56.11 -2.34 0.00	58.52 -2.89 2.92	58.31 -3.02 0.43	52.29 -3.16 0.01	49.11 -1.99 0.00	40.15 -1.07 0.00	37.23 -1.03 0.00	35.55 -0.32 0.00
FAR ROCKAWAY___4 23548	39.02 3.23 -5.05	36.79 2.90 -4.87	33.16 2.67 -3.77	31.82 2.54 -3.41	31.36 2.49 -2.89	33.44 2.63 -3.12	34.47 2.91 -2.17	36.37 3.40 -0.63	39.02 3.67 -1.03	40.37 4.13 0.00	41.57 4.12 0.00	44.84 4.23 -0.31	44.00 4.22 0.00	48.96 4.76 -0.08	52.58 4.62 -1.73	57.32 5.54 0.00	84.98 6.60 -19.93	78.96 7.21 -7.42	68.49 6.73 0.00	60.95 5.49 0.00	55.96 4.86 0.00	45.88 4.66 0.00	42.21 3.94 0.00	39.63 3.77 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	33.14 2.40 0.00	31.17 2.15 0.00	28.67 1.95 0.00	27.74 1.86 0.00	27.77 1.79 0.00	29.60 1.91 0.00	31.60 2.20 0.00	35.07 2.72 0.00	37.24 2.92 0.00	39.54 3.30 0.00	40.78 3.33 0.00	43.68 3.38 0.00	43.13 3.34 0.00	47.56 3.44 0.00	50.06 3.84 0.00	56.49 4.71 0.00	63.70 5.26 0.00	70.06 5.73 0.00	66.95 5.19 0.00	59.78 4.33 0.00	54.94 3.83 0.00	44.60 3.38 0.00	41.25 2.98 0.00	38.63 2.76 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	33.17 2.43 0.00	31.20 2.18 0.00	28.70 1.98 0.00	27.76 1.89 0.00	27.80 1.82 0.00	29.60 1.91 0.00	31.60 2.20 0.00	35.07 2.72 0.00	37.24 2.92 0.00	39.54 3.30 0.00	40.78 3.33 0.00	43.68 3.38 0.00	43.13 3.34 0.00	47.56 3.44 0.00	50.06 3.84 0.00	56.49 4.71 0.00	63.70 5.26 0.00	70.06 5.73 0.00	66.95 5.19 0.00	59.84 4.38 0.00	54.94 3.83 0.00	44.60 3.38 0.00	41.29 3.02 0.00	38.63 2.76 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	33.11 2.37 0.00	31.17 2.15 0.00	28.67 1.95 0.00	27.74 1.86 0.00	27.77 1.79 0.00	29.57 1.88 0.00	31.57 2.18 0.00	35.04 2.69 0.00	37.20 2.88 0.00	39.54 3.30 0.00	40.75 3.30 0.00	43.64 3.34 0.00	43.09 3.30 0.00	47.51 3.40 0.00	50.02 3.79 0.00	56.43 4.66 0.00	63.65 5.20 0.00	70.00 5.66 0.00	66.89 5.13 0.00	59.73 4.27 0.00	54.89 3.78 0.00	44.56 3.34 0.00	41.21 2.95 0.00	38.59 2.73 0.00
FARRAGUT___LBMP 323566	33.11 2.37 0.00	31.14 2.12 0.00	28.64 1.92 0.00	27.71 1.84 0.00	27.75 1.77 0.00	29.55 1.86 0.00	31.54 2.15 0.00	35.00 2.65 0.00	37.17 2.85 0.00	39.47 3.23 0.00	40.71 3.26 0.00	43.60 3.30 0.00	43.01 3.22 0.00	47.47 3.35 0.00	49.97 3.74 0.00	56.38 4.61 0.00	63.53 5.08 0.00	69.93 5.60 0.00	66.83 5.06 0.00	59.67 4.21 0.00	54.79 3.68 0.00	44.52 3.30 0.00	41.17 2.91 0.00	38.56 2.69 0.00
FENNER___WINDPWR 24204	31.57 0.83 0.00	29.80 0.78 0.00	27.39 0.67 0.00	26.47 0.60 0.00	26.58 0.60 0.00	28.49 0.80 0.00	30.22 0.82 0.00	33.32 0.97 0.00	35.31 1.00 0.00	37.62 1.12 -0.26	38.72 1.27 0.00	41.83 1.53 0.00	41.34 1.55 0.00	45.93 1.81 0.00	48.03 1.80 0.00	53.90 2.12 0.00	61.01 2.57 0.00	67.23 2.90 0.00	64.60 2.84 0.00	58.88 2.72 -0.71	54.32 2.45 -0.76	43.25 1.81 -0.22	39.86 1.49 -0.11	37.09 1.22 0.00
FIBERTEK___ENERGY 23856	30.96 0.22 0.00	29.14 0.12 0.00	26.74 0.03 0.00	25.85 -0.03 0.00	25.95 -0.03 0.00	27.77 0.08 0.00	29.48 0.09 0.00	32.42 0.06 0.00	34.46 0.14 0.00	37.09 0.22 -0.63	37.75 0.30 0.00	40.82 0.52 0.00	40.14 0.36 0.00	44.60 0.49 0.00	46.60 0.37 0.00	52.29 0.52 0.00	59.20 0.76 0.00	65.17 0.84 0.00	62.50 0.74 0.00	57.91 0.72 -1.73	53.64 0.66 -1.86	42.05 0.29 -0.53	38.95 0.42 -0.26	36.16 0.29 0.00
FITZPATRICK____ 23598	29.97 -0.77 0.00	28.30 -0.72 0.00	26.00 -0.72 0.00	25.15 -0.72 0.00	25.28 -0.70 0.00	27.00 -0.69 0.00	28.60 -0.79 0.00	31.48 -0.87 0.00	33.39 -0.93 0.00	31.84 -0.90 3.50	36.63 -0.82 0.00	39.53 -0.77 0.00	39.07 -0.71 0.00	43.41 -0.71 0.00	45.35 -0.88 0.00	50.84 -0.93 0.00	57.57 -0.88 0.00	63.37 -0.96 0.00	60.84 -0.92 0.00	45.00 -0.83 9.63	40.00 -0.77 10.34	37.48 -0.78 2.96	36.04 -0.77 1.46	35.08 -0.79 0.00
FLOWRFLD_69_KV_BK1 356044	38.68 2.89 -5.05	36.56 2.67 -4.87	32.92 2.43 -3.77	31.64 2.35 -3.41	31.18 2.31 -2.89	33.22 2.41 -3.12	34.24 2.68 -2.17	36.05 3.07 -0.63	38.71 3.36 -1.03	40.01 3.77 0.00	40.94 3.48 0.00	43.90 3.51 -0.10	43.33 3.54 0.00	48.33 4.19 -0.02	51.13 4.39 -0.51	56.75 4.97 0.00	70.50 6.20 -5.86	73.30 6.76 -2.21	68.14 6.36 -0.02	60.58 5.10 -0.02	55.66 4.55 0.00	45.49 4.25 -0.02	41.48 3.21 0.00	39.28 3.41 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	32.83 2.09 0.00	30.96 1.94 0.00	28.51 1.79 0.00	27.61 1.73 0.00	27.67 1.69 0.00	29.41 1.72 0.00	31.48 2.09 0.00	34.68 2.33 0.00	36.89 2.57 0.00	39.21 2.97 0.00	40.41 2.96 0.00	43.36 3.06 0.00	42.89 3.10 0.00	47.38 3.26 0.00	49.97 3.74 0.00	56.38 4.61 0.00	63.30 4.85 0.00	69.80 5.47 0.00	66.89 5.13 0.00	59.78 4.33 0.00	54.84 3.73 0.00	44.32 3.09 0.00	40.91 2.64 0.00	38.27 2.40 0.00
FORT ORANGE____ 23900	31.75 1.01 0.00	29.95 0.93 0.00	27.63 0.91 0.00	26.78 0.91 0.00	26.86 0.88 0.00	28.55 0.86 0.00	30.31 0.91 0.00	33.06 0.71 0.00	35.07 0.75 0.00	36.86 0.62 0.00	38.09 0.64 0.00	40.90 0.61 0.00	40.34 0.56 0.00	44.73 0.62 0.00	46.83 0.60 0.00	52.55 0.78 0.00	59.44 0.99 0.00	65.69 1.35 0.00	63.24 1.48 0.00	56.79 1.33 0.00	52.33 1.22 0.00	42.29 1.07 0.00	39.18 0.92 0.00	36.87 1.00 0.00
FORT_DRUM_COGEN 23780	30.74 0.00 0.00	29.02 0.00 0.00	26.64 -0.08 0.00	25.74 -0.13 0.00	25.90 -0.08 0.00	27.86 0.17 0.00	29.66 0.26 0.00	32.64 0.29 0.00	34.42 0.10 0.00	36.78 0.04 -0.50	37.41 -0.04 0.00	40.42 0.12 0.00	39.91 0.12 0.00	44.29 0.18 0.00	46.32 0.09 0.00	51.78 0.00 0.00	58.44 0.00 0.00	63.94 0.19 0.58	62.29 0.62 0.09	58.06 1.22 -1.38	53.77 1.18 -1.49	42.39 0.74 -0.43	39.01 0.54 -0.21	36.16 0.29 0.00
FOX_HILLS___ESR 323835	33.31 2.55 -0.02	31.41 2.38 -0.01	28.86 2.14 -0.01	27.93 2.04 -0.01	27.95 1.97 0.00	29.66 1.97 0.00	31.63 2.23 0.00	35.04 2.69 0.00	37.10 2.78 0.00	39.36 3.12 0.00	40.63 3.18 0.00	43.56 3.26 0.00	43.05 3.26 0.00	47.51 3.40 0.00	50.02 3.79 0.00	67.30 4.82 -10.71	66.51 5.20 -2.86	70.00 5.66 0.00	66.95 5.19 0.00	63.60 4.33 -3.81	54.79 3.68 0.00	44.60 3.38 0.00	41.29 3.02 0.00	38.88 3.01 0.00
FPL FAR_ROCK_GT1 24212	39.14 3.35 -5.05	36.79 2.90 -4.87	33.16 2.67 -3.77	31.82 2.54 -3.41	31.36 2.49 -2.89	33.44 2.63 -3.12	34.56 3.00 -2.17	36.40 3.43 -0.63	39.12 3.78 -1.03	40.01 3.77 0.00	41.57 4.12 0.00	44.84 4.23 -0.31	44.00 4.22 0.00	49.01 4.81 -0.08	52.53 4.58 -1.73	57.32 5.54 0.00	84.98 6.60 -19.93	78.96 7.20 -7.42	68.37 6.61 0.00	60.95 5.49 0.00	55.97 4.86 0.00	45.88 4.66 0.00	42.47 4.21 0.00	39.67 3.80 0.00

FPL FAR_ROCK_GT2 23815	39.14 3.35 -5.05	36.79 2.90 -4.87	33.16 2.67 -3.77	31.82 2.54 -3.41	31.36 2.49 -2.89	33.44 2.63 -3.12	34.56 3.00 -2.17	36.40 3.43 -0.63	39.12 3.78 -1.03	40.01 3.77 0.00	41.57 4.12 0.00	44.84 4.23 -0.31	44.00 4.22 0.00	49.01 4.81 -0.08	52.53 4.58 -1.73	57.32 5.54 0.00	84.98 6.60 -19.93	78.96 7.20 -7.42	68.37 6.61 0.00	60.95 5.49 0.00	55.97 4.86 0.00	45.88 4.66 0.00	42.47 4.21 0.00	39.67 3.80 0.00
FRANKLIN_FALL_HYD 24054	29.97 -0.77 0.00	28.47 -0.55 0.00	26.21 -0.51 0.00	25.41 -0.47 0.00	25.61 -0.36 0.00	27.39 -0.30 0.00	29.25 -0.15 0.00	32.25 -0.10 0.00	33.91 -0.41 0.00	35.84 -0.40 0.00	37.04 -0.41 0.00	39.73 -0.56 0.00	39.27 -0.52 0.00	43.59 -0.53 0.00	45.53 -0.69 0.00	50.38 -1.40 0.00	56.28 -2.16 0.00	58.89 -2.70 2.74	58.70 -2.66 0.40	52.90 -2.55 0.01	49.42 -1.69 0.00	40.03 -1.20 0.00	37.08 -1.19 0.00	35.19 -0.68 0.00
FREEPORT_EQUS_GT1 23764	38.83 3.04 -5.05	36.53 2.64 -4.87	32.89 2.41 -3.77	31.59 2.30 -3.41	31.10 2.23 -2.89	33.19 2.38 -3.12	34.30 2.73 -2.17	36.11 3.14 -0.63	38.81 3.46 -1.03	39.61 3.37 0.00	41.08 3.63 0.00	44.33 3.67 -0.36	43.44 3.66 0.00	48.23 4.01 -0.09	52.21 3.98 -2.01	56.59 4.82 0.00	87.42 5.84 -23.14	79.32 6.37 -8.61	67.63 5.87 0.00	60.23 4.77 0.00	55.35 4.24 0.00	45.35 4.12 0.00	41.94 3.67 0.00	39.28 3.41 0.00
FREEPORT___CT2 23818	38.83 3.04 -5.05	36.53 2.64 -4.87	32.89 2.41 -3.77	31.59 2.30 -3.41	31.10 2.23 -2.89	33.19 2.38 -3.12	34.30 2.73 -2.17	36.11 3.14 -0.63	38.81 3.46 -1.03	39.61 3.37 0.00	41.08 3.63 0.00	44.33 3.67 -0.36	43.44 3.66 0.00	48.23 4.01 -0.09	52.21 3.98 -2.01	56.59 4.82 0.00	87.42 5.84 -23.14	79.32 6.37 -8.61	67.63 5.87 0.00	60.23 4.77 0.00	55.35 4.24 0.00	45.35 4.12 0.00	41.94 3.67 0.00	39.28 3.41 0.00
FRESHKLS_33_KV_LOAD 356253	33.31 2.55 -0.02	31.41 2.38 -0.01	28.89 2.16 -0.01	27.93 2.04 -0.01	27.95 1.97 0.00	29.63 1.94 0.00	31.57 2.18 0.00	34.97 2.62 0.00	36.99 2.68 0.01	39.28 3.04 0.01	40.55 3.11 0.01	43.47 3.18 0.01	42.96 3.18 0.01	42.53 3.35 4.94	42.63 3.70 7.30	42.82 4.76 13.72	47.26 5.14 16.33	53.59 5.66 16.41	50.52 5.19 16.42	44.80 4.33 14.98	42.66 3.68 12.13	42.32 3.38 2.28	41.24 2.98 0.01	38.92 3.05 0.00
FULTON COGEN____ 23766	30.53 -0.22 0.00	28.76 -0.26 0.00	26.42 -0.29 0.00	25.54 -0.34 0.00	25.64 -0.34 0.00	27.44 -0.25 0.00	29.10 -0.29 0.00	31.96 -0.39 0.00	34.01 -0.31 0.00	37.05 -0.33 -1.14	37.15 -0.30 0.00	40.13 -0.16 0.00	39.67 -0.12 0.00	44.12 0.00 0.00	46.09 -0.14 0.00	51.72 -0.05 0.00	58.62 0.18 0.00	64.53 0.19 0.00	61.95 0.19 0.00	58.82 0.22 -3.14	54.68 0.20 -3.37	42.15 -0.04 -0.97	38.78 0.04 -0.48	35.62 -0.25 0.00
FULTON___LFGE 323630	35.23 4.49 0.00	33.34 4.32 0.00	30.46 3.74 0.00	29.47 3.60 0.00	29.72 3.74 0.00	31.90 4.21 0.00	33.84 4.44 0.00	37.27 4.92 0.00	39.50 5.18 0.00	41.49 5.25 0.00	42.92 5.47 0.00	46.46 6.17 0.00	45.67 5.89 0.00	50.91 6.79 0.00	53.03 6.80 0.00	59.85 8.07 0.00	67.68 9.23 0.00	75.53 11.19 0.00	73.50 11.74 0.00	66.22 10.76 0.00	60.92 9.81 0.00	48.56 7.34 0.00	44.50 6.24 0.00	41.14 5.27 0.00
G.F.CEMENT___DRP 24184	32.95 2.21 0.00	31.20 2.18 0.00	28.70 1.98 0.00	27.76 1.89 0.00	27.90 1.92 0.00	29.80 2.10 0.00	31.51 2.12 0.00	34.71 2.36 0.00	36.86 2.54 0.00	38.96 2.72 0.00	39.88 2.43 0.00	43.00 2.70 0.00	42.25 2.47 0.00	46.68 2.56 0.00	48.77 2.54 0.00	54.88 3.11 0.00	62.07 3.62 0.00	68.77 4.44 0.00	67.01 5.25 0.00	60.28 4.82 0.00	55.86 4.75 0.00	44.85 3.63 0.00	41.21 2.95 0.00	38.38 2.51 0.00
GARDENVILLE___LBMP 24039	31.54 0.80 0.00	29.22 0.20 0.00	26.58 -0.13 0.00	25.56 -0.31 0.00	25.72 -0.26 0.00	27.66 -0.03 0.00	29.46 0.06 0.00	31.54 -0.81 0.00	34.35 0.03 0.00	36.46 0.22 0.00	38.24 0.79 0.00	41.95 1.65 0.00	41.93 2.15 0.00	47.34 3.22 0.00	48.86 2.63 0.00	55.24 3.47 0.00	62.83 4.38 0.00	69.16 4.83 0.00	65.84 4.08 0.00	59.67 4.21 0.00	54.89 3.78 0.00	43.08 1.86 0.00	40.79 2.53 0.00	37.27 1.40 0.00
GARDNVLA_35_KV_LD 355827	31.72 0.98 0.00	29.37 0.35 0.00	26.72 0.00 0.00	25.69 -0.18 0.00	25.85 -0.13 0.00	27.80 0.11 0.00	29.60 0.21 0.00	31.70 -0.65 0.00	34.56 0.24 0.00	36.68 0.43 0.00	38.46 1.01 0.00	42.23 1.93 0.00	42.25 2.47 0.00	47.69 3.57 0.00	49.23 3.00 0.00	55.66 3.88 0.00	63.30 4.85 0.00	69.67 5.34 0.00	66.27 4.51 0.00	60.06 4.60 0.00	55.20 4.09 0.00	43.33 2.10 0.00	41.02 2.76 0.00	37.45 1.58 0.00
GELCKHM__115KV_LOAD 80723	30.71 -0.03 0.00	28.90 -0.12 0.00	26.53 -0.19 0.00	25.67 -0.21 0.00	25.77 -0.21 0.00	27.55 -0.14 0.00	29.25 -0.15 0.00	32.16 -0.19 0.00	34.22 -0.10 0.00	36.61 -0.04 -0.41	37.49 0.04 0.00	40.50 0.20 0.00	39.95 0.16 0.00	44.43 0.31 0.00	46.41 0.18 0.00	52.09 0.31 0.00	58.97 0.53 0.00	64.91 0.58 0.00	62.25 0.49 -1.13	57.08 0.50 -1.21	52.78 0.46 -0.35	41.69 0.12 -0.17	38.67 0.23 0.00	35.87 0.00 0.00
GENERAL___MILLS 23808	31.63 0.89 0.00	29.28 0.26 0.00	26.66 -0.05 0.00	25.62 -0.26 0.00	25.80 -0.18 0.00	27.75 0.06 0.00	29.51 0.12 0.00	31.61 -0.74 0.00	34.46 0.14 0.00	36.57 0.33 0.00	38.35 0.90 0.00	42.07 1.77 0.00	42.09 2.31 0.00	47.51 3.40 0.00	49.05 2.82 0.00	55.45 3.68 0.00	63.06 4.62 0.00	69.42 5.08 0.00	66.02 4.26 0.00	59.84 4.38 0.00	55.04 3.94 0.00	43.20 1.98 0.00	40.91 2.64 0.00	37.37 1.51 0.00
GE_PLASTICS___DRP 24183	31.57 0.83 0.00	29.83 0.81 0.00	27.52 0.80 0.00	26.68 0.80 0.00	26.78 0.81 0.00	28.47 0.78 0.00	30.16 0.76 0.00	33.16 0.81 0.00	35.14 0.82 0.00	37.18 0.94 0.00	38.35 0.90 0.00	41.18 0.89 0.00	40.58 0.80 0.00	44.96 0.84 0.00	47.15 0.92 0.00	52.86 1.09 0.00	59.73 1.29 0.00	65.88 1.54 0.00	63.30 1.54 0.00	56.84 1.39 0.00	52.33 1.23 0.00	42.30 1.07 0.00	39.15 0.88 0.00	36.73 0.86 0.00
GILBOA___1 23756	31.72 0.98 0.00	30.01 0.99 0.00	27.73 1.02 0.00	26.96 1.09 0.00	27.04 1.07 0.00	28.69 1.00 0.00	30.31 0.91 0.00	33.32 0.97 0.00	35.38 1.07 0.00	37.29 1.05 0.00	38.65 1.20 0.00	41.50 1.21 0.00	40.98 1.19 0.00	45.31 1.19 0.00	47.52 1.29 0.00	53.17 1.40 0.00	59.91 1.46 0.00	65.88 1.54 0.00	63.24 1.48 0.00	56.90 1.44 0.00	52.39 1.28 0.00	42.54 1.32 0.00	39.49 1.22 0.00	36.87 1.00 0.00
GILBOA___2 23757	31.72 0.98 0.00	30.01 0.99 0.00	27.73 1.02 0.00	26.96 1.09 0.00	27.04 1.07 0.00	28.69 1.00 0.00	30.31 0.91 0.00	33.32 0.97 0.00	35.38 1.07 0.00	37.29 1.05 0.00	38.65 1.20 0.00	41.50 1.21 0.00	40.98 1.19 0.00	45.31 1.19 0.00	47.52 1.29 0.00	53.17 1.40 0.00	59.91 1.46 0.00	65.88 1.54 0.00	63.24 1.48 0.00	56.90 1.44 0.00	52.39 1.28 0.00	42.54 1.32 0.00	39.49 1.22 0.00	36.87 1.00 0.00

GILBOA___3 23758	31.72 0.98 0.00	30.01 0.99 0.00	27.73 1.02 0.00	26.96 1.09 0.00	27.04 1.07 0.00	28.69 1.00 0.00	30.31 0.91 0.00	33.32 0.97 0.00	35.38 1.07 0.00	37.29 1.05 0.00	38.65 1.20 0.00	41.50 1.21 0.00	40.98 1.19 0.00	45.31 1.19 0.00	47.52 1.29 0.00	53.17 1.40 0.00	59.91 1.46 0.00	65.88 1.54 0.00	63.24 1.48 0.00	56.90 1.44 0.00	52.39 1.28 0.00	42.54 1.32 0.00	39.49 1.22 0.00	36.87 1.00 0.00
GILBOA___4 23759	31.72 0.98 0.00	30.01 0.99 0.00	27.73 1.02 0.00	26.96 1.09 0.00	27.04 1.07 0.00	28.69 1.00 0.00	30.31 0.91 0.00	33.32 0.97 0.00	35.38 1.07 0.00	37.29 1.05 0.00	38.65 1.20 0.00	41.50 1.21 0.00	40.98 1.19 0.00	45.31 1.19 0.00	47.52 1.29 0.00	53.17 1.40 0.00	59.91 1.46 0.00	65.88 1.54 0.00	63.24 1.48 0.00	56.90 1.44 0.00	52.39 1.28 0.00	42.54 1.32 0.00	39.49 1.22 0.00	36.87 1.00 0.00
GILBOA___ 23599	31.69 0.95 0.00	30.01 0.99 0.00	27.73 1.02 0.00	26.96 1.09 0.00	27.04 1.07 0.00	28.69 1.00 0.00	30.25 0.85 0.00	33.32 0.97 0.00	35.35 1.03 0.00	37.44 1.20 0.00	38.65 1.20 0.00	41.50 1.21 0.00	40.98 1.19 0.00	45.31 1.19 0.00	47.57 1.34 0.00	53.17 1.40 0.00	59.91 1.46 0.00	65.88 1.54 0.00	63.24 1.48 0.00	56.90 1.44 0.00	52.39 1.28 0.00	42.54 1.32 0.00	39.41 1.15 0.00	36.87 1.00 0.00
GINNA___ 23603	29.60 -1.14 0.00	27.98 -1.04 0.00	25.60 -1.12 0.00	24.66 -1.22 0.00	24.86 -1.12 0.00	26.61 -1.08 0.00	28.10 -1.29 0.00	30.86 -1.49 0.00	32.91 -1.41 0.00	35.15 -1.09 0.00	36.81 -0.64 0.00	39.97 -0.32 0.00	39.75 -0.04 0.00	44.38 0.27 0.00	46.09 -0.14 0.00	51.62 -0.15 0.00	58.68 0.23 0.00	64.72 0.39 0.00	62.07 0.31 0.00	55.79 0.33 0.00	51.57 0.46 0.00	40.89 -0.33 0.00	37.65 -0.61 0.00	35.08 -0.79 0.00
GLEN PARK___ 23778	30.93 0.19 0.00	29.25 0.23 0.00	26.80 0.08 0.00	25.90 0.03 0.00	26.06 0.08 0.00	28.05 0.36 0.00	29.84 0.44 0.00	32.84 0.49 0.00	34.59 0.27 0.00	37.03 0.26 -0.53	37.68 0.23 0.00	40.74 0.44 0.00	40.18 0.40 0.00	44.56 0.44 0.00	46.60 0.37 0.00	52.09 0.31 0.00	58.91 0.47 0.00	64.49 0.71 0.55	62.85 1.17 0.08	58.80 1.89 -1.46	54.46 1.79 -1.57	42.83 1.15 -0.45	39.29 0.80 -0.22	36.44 0.57 0.00
GLENDALE_27_KV_LOAD 356172	33.38 2.64 0.00	31.40 2.38 0.00	28.88 2.16 0.00	27.92 2.04 0.00	27.98 2.00 0.00	29.77 2.08 0.00	31.81 2.41 0.00	35.26 2.91 0.00	37.41 3.09 0.00	39.72 3.48 0.00	40.97 3.52 0.00	43.88 3.59 0.00	43.33 3.54 0.00	47.82 3.71 0.00	50.25 4.02 0.00	56.80 5.02 0.00	63.94 5.49 0.00	70.32 5.98 0.00	67.20 5.43 0.00	60.01 4.55 0.00	55.04 3.94 0.00	44.85 3.63 0.00	41.56 3.29 0.00	38.95 3.08 0.00
GLENWOOD_IC_1_G5 23712	38.68 2.89 -5.05	36.50 2.61 -4.87	32.86 2.38 -3.77	31.56 2.28 -3.41	31.10 2.23 -2.89	33.17 2.35 -3.12	34.21 2.65 -2.17	36.11 3.14 -0.63	38.75 3.40 -1.03	40.08 3.84 0.00	41.23 3.78 0.00	44.71 3.51 -0.91	43.29 3.50 0.00	48.32 3.97 -0.23	55.46 4.21 -5.03	56.85 5.07 0.00	122.41 6.02 -57.95	92.41 6.50 -21.58	67.75 5.99 0.00	60.28 4.82 0.00	55.35 4.24 0.00	45.02 3.79 0.00	41.63 3.37 0.00	39.20 3.34 0.00
GLENWOOD_IC_2_G1 23688	38.68 2.89 -5.05	36.39 2.50 -4.87	32.78 2.30 -3.77	31.48 2.20 -3.41	31.00 2.13 -2.89	33.08 2.27 -3.12	34.21 2.65 -2.17	35.99 3.01 -0.63	38.68 3.33 -1.03	39.50 3.26 0.00	41.01 3.56 0.00	45.52 3.50 -1.72	43.33 3.54 0.00	48.57 4.01 -0.44	59.90 4.16 -9.51	56.80 5.02 0.00	173.98 5.96 -109.57	111.63 6.50 -40.80	67.69 5.93 0.00	60.34 4.88 0.00	55.40 4.29 0.00	45.06 3.83 0.00	41.78 3.52 0.00	39.06 3.19 0.00
GLENWOOD_IC_3_G1 23689	38.68 2.89 -5.05	36.39 2.50 -4.87	32.78 2.30 -3.77	31.48 2.20 -3.41	31.00 2.13 -2.89	33.08 2.27 -3.12	34.21 2.65 -2.17	35.99 3.01 -0.63	38.68 3.33 -1.03	39.50 3.26 0.00	41.01 3.56 0.00	45.52 3.50 -1.72	43.33 3.54 0.00	48.57 4.01 -0.44	59.90 4.16 -9.51	56.80 5.02 0.00	173.98 5.96 -109.57	111.63 6.50 -40.80	67.69 5.93 0.00	60.34 4.88 0.00	55.40 4.29 0.00	45.06 3.83 0.00	41.78 3.52 0.00	39.06 3.19 0.00
GLENWOOD___4 23550	38.68 2.89 -5.05	36.50 2.61 -4.87	32.86 2.38 -3.77	31.56 2.28 -3.41	31.10 2.23 -2.89	33.17 2.35 -3.12	34.21 2.65 -2.17	36.11 3.14 -0.63	38.75 3.40 -1.03	40.08 3.84 0.00	41.23 3.78 0.00	44.83 3.63 -0.91	43.41 3.62 0.00	48.45 4.10 -0.23	55.60 4.35 -5.03	56.95 5.18 0.00	122.53 6.14 -57.95	92.60 6.69 -21.58	67.94 6.18 0.00	60.45 4.99 0.00	55.45 4.34 0.00	45.14 3.92 0.00	41.63 3.37 0.00	39.20 3.34 0.00
GLENWOOD___5 23614	38.68 2.89 -5.05	36.50 2.61 -4.87	32.86 2.38 -3.77	31.56 2.28 -3.41	31.10 2.23 -2.89	33.17 2.35 -3.12	34.21 2.65 -2.17	36.11 3.14 -0.63	38.75 3.40 -1.03	40.08 3.84 0.00	41.23 3.78 0.00	44.83 3.63 -0.91	43.41 3.62 0.00	48.45 4.10 -0.23	55.60 4.35 -5.03	56.95 5.18 0.00	122.53 6.14 -57.95	92.60 6.69 -21.58	67.94 6.18 0.00	60.45 4.99 0.00	55.45 4.34 0.00	45.14 3.92 0.00	41.63 3.37 0.00	39.20 3.34 0.00
GLOBAL GREEN_PORT_GT1 23814	39.44 3.66 -5.05	37.14 3.25 -4.87	33.45 2.97 -3.77	32.16 2.87 -3.41	31.70 2.83 -2.89	33.75 2.93 -3.12	34.82 3.26 -2.17	36.54 3.56 -0.63	39.53 4.19 -1.03	40.30 4.06 0.00	41.87 4.42 0.00	45.06 4.67 -0.09	44.44 4.65 0.00	49.65 5.51 -0.02	52.44 5.73 -0.48	58.87 7.09 0.00	72.95 8.94 -5.56	76.39 9.97 -2.08	71.28 9.51 -0.01	63.29 7.82 -0.01	58.06 6.95 0.00	47.30 6.06 -0.01	43.09 4.82 0.00	40.35 4.48 0.00
GLOBE___DSASP 323697	30.40 -0.34 0.00	28.18 -0.84 0.00	25.65 -1.07 0.00	24.66 -1.22 0.00	24.81 -1.17 0.00	26.61 -1.08 0.00	28.28 -1.12 0.00	29.99 -2.36 0.00	32.77 -1.54 0.00	34.68 -1.56 0.00	36.40 -1.05 0.00	40.01 -0.28 0.00	39.98 0.20 0.00	45.04 0.93 0.00	46.41 0.18 0.00	52.45 0.67 0.00	59.67 1.23 0.00	65.81 1.48 0.00	62.50 0.74 0.00	56.73 1.28 0.00	52.33 1.23 0.00	41.10 -0.12 0.00	39.03 0.77 0.00	35.76 -0.11 0.00
GOETHSLN___LBMP 323567	32.99 2.24 0.00	30.99 1.97 0.00	28.51 1.79 0.00	27.58 1.71 0.00	27.62 1.64 0.00	29.44 1.74 0.00	31.45 2.06 0.00	34.91 2.56 0.00	37.06 2.75 0.00	39.39 3.15 0.00	40.56 3.11 0.00	43.40 3.10 0.00	42.77 2.98 0.00	42.23 3.04 4.93	42.36 3.42 7.29	42.31 4.25 13.71	46.80 4.68 16.32	53.08 5.15 16.40	49.98 4.63 16.42	44.31 3.83 14.97	42.31 3.32 12.12	41.96 3.01 2.27	40.94 2.68 0.00	38.38 2.51 0.00
GOLAH___69_KV_TB 1_2 80279	31.57 0.83 0.00	29.45 0.44 0.00	26.83 0.11 0.00	25.80 -0.08 0.00	26.00 0.03 0.00	27.91 0.22 0.00	29.72 0.32 0.00	32.12 -0.23 0.00	34.56 0.24 0.00	36.64 0.40 0.00	38.35 0.90 0.00	41.91 1.61 0.00	41.74 1.95 0.00	46.76 2.65 0.00	48.45 2.22 0.00	54.36 2.59 0.00	61.78 3.33 0.00	68.19 3.86 0.00	65.34 3.58 0.00	59.06 3.60 0.00	54.58 3.48 0.00	43.16 1.94 0.00	40.52 2.26 0.00	37.23 1.36 0.00

GOODYEAR_LAKE_HYD 323669	32.43 1.69 0.00	30.59 1.57 0.00	28.13 1.42 0.00	27.25 1.37 0.00	27.36 1.38 0.00	29.24 1.55 0.00	31.04 1.65 0.00	34.23 1.88 0.00	36.27 1.96 0.00	38.49 2.25 0.00	39.74 2.28 0.00	42.87 2.58 0.00	42.33 2.55 0.00	46.94 2.82 0.00	49.28 3.05 0.00	55.14 3.37 0.00	62.30 3.86 0.00	68.65 4.31 0.00	66.08 4.32 0.00	59.51 4.05 0.00	54.74 3.63 0.00	44.11 2.89 0.00	40.79 2.53 0.00	37.95 2.08 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	31.51 0.77 0.00	29.57 0.55 0.00	27.15 0.43 0.00	26.21 0.34 0.00	26.34 0.36 0.00	28.19 0.50 0.00	29.95 0.56 0.00	32.84 0.49 0.00	35.04 0.72 0.00	37.42 0.94 -0.23	38.54 1.09 0.00	41.67 1.37 0.00	41.30 1.51 0.00	46.01 1.90 0.00	48.03 1.80 0.00	54.00 2.23 0.00	61.25 2.81 0.00	67.42 3.09 0.00	64.66 2.90 0.00	58.88 2.77 -0.64	54.20 2.40 -0.69	43.07 1.65 -0.20	40.09 1.72 -0.10	36.98 1.11 0.00
GOUDEY___7 23579	31.54 0.80 0.00	29.60 0.58 0.00	27.17 0.45 0.00	26.24 0.36 0.00	26.34 0.36 0.00	28.22 0.53 0.00	29.98 0.59 0.00	32.87 0.52 0.00	35.07 0.76 0.00	37.45 0.98 -0.23	38.57 1.12 0.00	41.75 1.45 0.00	41.34 1.55 0.00	46.06 1.94 0.00	48.12 1.90 0.00	54.11 2.33 0.00	61.31 2.86 0.00	67.55 3.22 0.00	64.79 3.03 0.00	58.93 2.83 -0.64	54.25 2.45 -0.69	43.11 1.69 -0.20	40.12 1.76 -0.10	37.02 1.15 0.00
GOUDEY___8 23580	31.51 0.77 0.00	29.57 0.55 0.00	27.15 0.43 0.00	26.21 0.34 0.00	26.34 0.36 0.00	28.19 0.50 0.00	29.95 0.56 0.00	32.84 0.49 0.00	35.04 0.72 0.00	37.42 0.94 -0.23	38.54 1.09 0.00	41.67 1.37 0.00	41.30 1.51 0.00	46.01 1.90 0.00	48.03 1.80 0.00	54.00 2.23 0.00	61.25 2.81 0.00	67.42 3.09 0.00	64.66 2.90 0.00	58.88 2.77 -0.64	54.20 2.40 -0.69	43.07 1.65 -0.20	40.09 1.72 -0.10	36.98 1.11 0.00
GOWANUS_GT1_1 24077	33.37 2.61 -0.02	31.44 2.41 -0.01	28.89 2.16 -0.01	27.95 2.07 -0.01	27.98 2.00 0.00	29.74 2.05 0.00	31.72 2.32 0.00	35.17 2.81 0.00	37.27 2.95 0.00	39.54 3.30 0.00	40.78 3.33 0.00	43.72 3.43 0.00	43.21 3.42 0.00	47.69 3.57 0.00	50.16 3.93 0.00	67.46 4.97 -10.71	66.68 5.38 -2.86	70.19 5.85 0.00	67.13 5.37 0.00	63.76 4.49 -3.81	54.99 3.88 0.00	44.73 3.50 0.00	41.44 3.18 0.00	38.95 3.08 0.00
GOWANUS_GT1_2 24078	33.37 2.61 -0.02	31.44 2.41 -0.01	28.89 2.16 -0.01	27.95 2.07 -0.01	27.98 2.00 0.00	29.74 2.05 0.00	31.72 2.32 0.00	35.17 2.81 0.00	37.27 2.95 0.00	39.54 3.30 0.00	40.78 3.33 0.00	43.72 3.43 0.00	43.21 3.42 0.00	47.69 3.57 0.00	50.16 3.93 0.00	67.46 4.97 -10.71	66.68 5.38 -2.86	70.19 5.85 0.00	67.13 5.37 0.00	63.76 4.49 -3.81	54.99 3.88 0.00	44.73 3.50 0.00	41.44 3.18 0.00	38.95 3.08 0.00
GOWANUS_GT1_3 24079	33.37 2.61 -0.02	31.44 2.41 -0.01	28.89 2.16 -0.01	27.95 2.07 -0.01	27.98 2.00 0.00	29.74 2.05 0.00	31.72 2.32 0.00	35.17 2.81 0.00	37.27 2.95 0.00	39.54 3.30 0.00	40.78 3.33 0.00	43.72 3.43 0.00	43.21 3.42 0.00	47.69 3.57 0.00	50.16 3.93 0.00	67.46 4.97 -10.71	66.68 5.38 -2.86	70.19 5.85 0.00	67.13 5.37 0.00	63.76 4.49 -3.81	54.99 3.88 0.00	44.73 3.50 0.00	41.44 3.18 0.00	38.95 3.08 0.00
GOWANUS_GT1_4 24080	33.37 2.61 -0.02	31.44 2.41 -0.01	28.89 2.16 -0.01	27.95 2.07 -0.01	27.98 2.00 0.00	29.74 2.05 0.00	31.72 2.32 0.00	35.17 2.81 0.00	37.27 2.95 0.00	39.54 3.30 0.00	40.78 3.33 0.00	43.72 3.43 0.00	43.21 3.42 0.00	47.69 3.57 0.00	50.16 3.93 0.00	67.46 4.97 -10.71	66.68 5.38 -2.86	70.19 5.85 0.00	67.13 5.37 0.00	63.76 4.49 -3.81	54.99 3.88 0.00	44.73 3.50 0.00	41.44 3.18 0.00	38.95 3.08 0.00
GOWANUS_GT1_5 24084	33.37 2.61 -0.02	31.44 2.41 -0.01	28.89 2.16 -0.01	27.95 2.07 -0.01	27.98 2.00 0.00	29.74 2.05 0.00	31.72 2.32 0.00	35.17 2.81 0.00	37.27 2.95 0.00	39.54 3.30 0.00	40.78 3.33 0.00	43.72 3.43 0.00	43.21 3.42 0.00	47.69 3.57 0.00	50.16 3.93 0.00	67.46 4.97 -10.71	66.68 5.38 -2.86	70.19 5.85 0.00	67.13 5.37 0.00	63.76 4.49 -3.81	54.99 3.88 0.00	44.73 3.50 0.00	41.44 3.18 0.00	38.95 3.08 0.00
GOWANUS_GT1_6 24111	33.37 2.61 -0.02	31.44 2.41 -0.01	28.89 2.16 -0.01	27.95 2.07 -0.01	27.98 2.00 0.00	29.74 2.05 0.00	31.72 2.32 0.00	35.17 2.81 0.00	37.27 2.95 0.00	39.54 3.30 0.00	40.78 3.33 0.00	43.72 3.43 0.00	43.21 3.42 0.00	47.69 3.57 0.00	50.16 3.93 0.00	67.46 4.97 -10.71	66.68 5.38 -2.86	70.19 5.85 0.00	67.13 5.37 0.00	63.76 4.49 -3.81	54.99 3.88 0.00	44.73 3.50 0.00	41.44 3.18 0.00	38.95 3.08 0.00
GOWANUS_GT1_7 24112	33.37 2.61 -0.02	31.44 2.41 -0.01	28.89 2.16 -0.01	27.95 2.07 -0.01	27.98 2.00 0.00	29.74 2.05 0.00	31.72 2.32 0.00	35.17 2.81 0.00	37.27 2.95 0.00	39.54 3.30 0.00	40.78 3.33 0.00	43.72 3.43 0.00	43.21 3.42 0.00	47.69 3.57 0.00	50.16 3.93 0.00	67.46 4.97 -10.71	66.68 5.38 -2.86	70.19 5.85 0.00	67.13 5.37 0.00	63.76 4.49 -3.81	54.99 3.88 0.00	44.73 3.50 0.00	41.44 3.18 0.00	38.95 3.08 0.00
GOWANUS_GT1_8 24113	33.37 2.61 -0.02	31.44 2.41 -0.01	28.89 2.16 -0.01	27.95 2.07 -0.01	27.98 2.00 0.00	29.74 2.05 0.00	31.72 2.32 0.00	35.17 2.81 0.00	37.27 2.95 0.00	39.54 3.30 0.00	40.78 3.33 0.00	43.72 3.43 0.00	43.21 3.42 0.00	47.69 3.57 0.00	50.16 3.93 0.00	67.46 4.97 -10.71	66.68 5.38 -2.86	70.19 5.85 0.00	67.13 5.37 0.00	63.76 4.49 -3.81	54.99 3.88 0.00	44.73 3.50 0.00	41.44 3.18 0.00	38.95 3.08 0.00
GOWANUS_GT2_1 24114	33.49 2.73 -0.02	31.43 2.41 -0.01	28.89 2.16 -0.01	27.95 2.07 -0.01	27.98 2.00 0.00	29.74 2.05 0.00	31.83 2.44 0.00	35.16 2.81 0.00	37.54 3.23 0.00	39.17 2.93 0.00	40.78 3.33 0.00	43.72 3.42 0.00	43.21 3.42 0.00	47.69 3.57 0.00	50.11 3.88 0.00	67.46 4.97 -10.71	66.68 5.37 -2.86	70.19 5.85 0.00	67.01 5.25 0.00	63.82 4.55 -3.81	54.99 3.88 0.00	44.77 3.55 0.00	41.67 3.40 0.00	38.92 3.05 0.00
GOWANUS_GT2_2 24115	33.49 2.73 -0.02	31.43 2.41 -0.01	28.89 2.16 -0.01	27.95 2.07 -0.01	27.98 2.00 0.00	29.74 2.05 0.00	31.83 2.44 0.00	35.16 2.81 0.00	37.54 3.23 0.00	39.17 2.93 0.00	40.78 3.33 0.00	43.72 3.42 0.00	43.21 3.42 0.00	47.69 3.57 0.00	50.11 3.88 0.00	67.46 4.97 -10.71	66.68 5.37 -2.86	70.19 5.85 0.00	67.01 5.25 0.00	63.82 4.55 -3.81	54.99 3.88 0.00	44.77 3.55 0.00	41.67 3.40 0.00	38.92 3.05 0.00
GOWANUS_GT2_3 24116	33.49 2.73 -0.02	31.43 2.41 -0.01	28.89 2.16 -0.01	27.95 2.07 -0.01	27.98 2.00 0.00	29.74 2.05 0.00	31.83 2.44 0.00	35.16 2.81 0.00	37.54 3.23 0.00	39.17 2.93 0.00	40.78 3.33 0.00	43.72 3.42 0.00	43.21 3.42 0.00	47.69 3.57 0.00	50.11 3.88 0.00	67.46 4.97 -10.71	66.68 5.37 -2.86	70.19 5.85 0.00	67.01 5.25 0.00	63.82 4.55 -3.81	54.99 3.88 0.00	44.77 3.55 0.00	41.67 3.40 0.00	38.92 3.05 0.00

GOWANUS_GT2_4 24117	33.49 2.73 -0.02	31.43 2.41 -0.01	28.89 2.16 -0.01	27.95 2.07 -0.01	27.98 2.00 0.00	29.74 2.05 0.00	31.83 2.44 0.00	35.16 2.81 0.00	37.54 3.23 0.00	39.17 2.93 0.00	40.78 3.33 0.00	43.72 3.42 0.00	43.21 3.42 0.00	47.69 3.57 0.00	50.11 3.88 0.00	67.46 4.97 -10.71	66.68 5.37 -2.86	70.19 5.85 0.00	67.01 5.25 0.00	63.82 4.55 -3.81	54.99 3.88 0.00	44.77 3.55 0.00	41.67 3.40 0.00	38.92 3.05 0.00
GOWANUS_GT2_5 24118	33.49 2.73 -0.02	31.43 2.41 -0.01	28.89 2.16 -0.01	27.95 2.07 -0.01	27.98 2.00 0.00	29.74 2.05 0.00	31.83 2.44 0.00	35.16 2.81 0.00	37.54 3.23 0.00	39.17 2.93 0.00	40.78 3.33 0.00	43.72 3.42 0.00	43.21 3.42 0.00	47.69 3.57 0.00	50.11 3.88 0.00	67.46 4.97 -10.71	66.68 5.37 -2.86	70.19 5.85 0.00	67.01 5.25 0.00	63.82 4.55 -3.81	54.99 3.88 0.00	44.77 3.55 0.00	41.67 3.40 0.00	38.92 3.05 0.00
GOWANUS_GT2_6 24119	33.49 2.73 -0.02	31.43 2.41 -0.01	28.89 2.16 -0.01	27.95 2.07 -0.01	27.98 2.00 0.00	29.74 2.05 0.00	31.83 2.44 0.00	35.16 2.81 0.00	37.54 3.23 0.00	39.17 2.93 0.00	40.78 3.33 0.00	43.72 3.42 0.00	43.21 3.42 0.00	47.69 3.57 0.00	50.11 3.88 0.00	67.46 4.97 -10.71	66.68 5.37 -2.86	70.19 5.85 0.00	67.01 5.25 0.00	63.82 4.55 -3.81	54.99 3.88 0.00	44.77 3.55 0.00	41.67 3.40 0.00	38.92 3.05 0.00
GOWANUS_GT2_7 24120	33.49 2.73 -0.02	31.43 2.41 -0.01	28.89 2.16 -0.01	27.95 2.07 -0.01	27.98 2.00 0.00	29.74 2.05 0.00	31.83 2.44 0.00	35.16 2.81 0.00	37.54 3.23 0.00	39.17 2.93 0.00	40.78 3.33 0.00	43.72 3.42 0.00	43.21 3.42 0.00	47.69 3.57 0.00	50.11 3.88 0.00	67.46 4.97 -10.71	66.68 5.37 -2.86	70.19 5.85 0.00	67.01 5.25 0.00	63.82 4.55 -3.81	54.99 3.88 0.00	44.77 3.55 0.00	41.67 3.40 0.00	38.92 3.05 0.00
GOWANUS_GT2_8 24121	33.49 2.73 -0.02	31.43 2.41 -0.01	28.89 2.16 -0.01	27.95 2.07 -0.01	27.98 2.00 0.00	29.74 2.05 0.00	31.83 2.44 0.00	35.16 2.81 0.00	37.54 3.23 0.00	39.17 2.93 0.00	40.78 3.33 0.00	43.72 3.42 0.00	43.21 3.42 0.00	47.69 3.57 0.00	50.11 3.88 0.00	67.46 4.97 -10.71	66.68 5.37 -2.86	70.19 5.85 0.00	67.01 5.25 0.00	63.82 4.55 -3.81	54.99 3.88 0.00	44.77 3.55 0.00	41.67 3.40 0.00	38.92 3.05 0.00
GOWANUS_GT3_1 24122	33.49 2.73 -0.02	31.43 2.41 -0.01	28.89 2.16 -0.01	27.95 2.07 -0.01	27.98 2.00 0.00	29.74 2.05 0.00	31.83 2.44 0.00	35.16 2.81 0.00	37.54 3.23 0.00	39.17 2.93 0.00	40.78 3.33 0.00	43.72 3.42 0.00	43.21 3.42 0.00	47.69 3.57 0.00	50.11 3.88 0.00	67.46 4.97 -10.71	66.68 5.37 -2.86	70.19 5.85 0.00	67.01 5.25 0.00	63.82 4.55 -3.81	54.99 3.88 0.00	44.77 3.55 0.00	41.67 3.40 0.00	38.92 3.05 0.00
GOWANUS_GT3_2 24123	33.49 2.73 -0.02	31.43 2.41 -0.01	28.89 2.16 -0.01	27.95 2.07 -0.01	27.98 2.00 0.00	29.74 2.05 0.00	31.83 2.44 0.00	35.16 2.81 0.00	37.54 3.23 0.00	39.17 2.93 0.00	40.78 3.33 0.00	43.72 3.42 0.00	43.21 3.42 0.00	47.69 3.57 0.00	50.11 3.88 0.00	67.46 4.97 -10.71	66.68 5.37 -2.86	70.19 5.85 0.00	67.01 5.25 0.00	63.82 4.55 -3.81	54.99 3.88 0.00	44.77 3.55 0.00	41.67 3.40 0.00	38.92 3.05 0.00
GOWANUS_GT3_3 24124	33.49 2.73 -0.02	31.43 2.41 -0.01	28.89 2.16 -0.01	27.95 2.07 -0.01	27.98 2.00 0.00	29.74 2.05 0.00	31.83 2.44 0.00	35.16 2.81 0.00	37.54 3.23 0.00	39.17 2.93 0.00	40.78 3.33 0.00	43.72 3.42 0.00	43.21 3.42 0.00	47.69 3.57 0.00	50.11 3.88 0.00	67.46 4.97 -10.71	66.68 5.37 -2.86	70.19 5.85 0.00	67.01 5.25 0.00	63.82 4.55 -3.81	54.99 3.88 0.00	44.77 3.55 0.00	41.67 3.40 0.00	38.92 3.05 0.00
GOWANUS_GT3_4 24125	33.49 2.73 -0.02	31.43 2.41 -0.01	28.89 2.16 -0.01	27.95 2.07 -0.01	27.98 2.00 0.00	29.74 2.05 0.00	31.83 2.44 0.00	35.16 2.81 0.00	37.54 3.23 0.00	39.17 2.93 0.00	40.78 3.33 0.00	43.72 3.42 0.00	43.21 3.42 0.00	47.69 3.57 0.00	50.11 3.88 0.00	67.46 4.97 -10.71	66.68 5.37 -2.86	70.19 5.85 0.00	67.01 5.25 0.00	63.82 4.55 -3.81	54.99 3.88 0.00	44.77 3.55 0.00	41.67 3.40 0.00	38.92 3.05 0.00
GOWANUS_GT3_5 24126	33.49 2.73 -0.02	31.43 2.41 -0.01	28.89 2.16 -0.01	27.95 2.07 -0.01	27.98 2.00 0.00	29.74 2.05 0.00	31.83 2.44 0.00	35.16 2.81 0.00	37.54 3.23 0.00	39.17 2.93 0.00	40.78 3.33 0.00	43.72 3.42 0.00	43.21 3.42 0.00	47.69 3.57 0.00	50.11 3.88 0.00	67.46 4.97 -10.71	66.68 5.37 -2.86	70.19 5.85 0.00	67.01 5.25 0.00	63.82 4.55 -3.81	54.99 3.88 0.00	44.77 3.55 0.00	41.67 3.40 0.00	38.92 3.05 0.00
GOWANUS_GT3_6 24127	33.49 2.73 -0.02	31.43 2.41 -0.01	28.89 2.16 -0.01	27.95 2.07 -0.01	27.98 2.00 0.00	29.74 2.05 0.00	31.83 2.44 0.00	35.16 2.81 0.00	37.54 3.23 0.00	39.17 2.93 0.00	40.78 3.33 0.00	43.72 3.42 0.00	43.21 3.42 0.00	47.69 3.57 0.00	50.11 3.88 0.00	67.46 4.97 -10.71	66.68 5.37 -2.86	70.19 5.85 0.00	67.01 5.25 0.00	63.82 4.55 -3.81	54.99 3.88 0.00	44.77 3.55 0.00	41.67 3.40 0.00	38.92 3.05 0.00
GOWANUS_GT3_7 24128	33.49 2.73 -0.02	31.43 2.41 -0.01	28.89 2.16 -0.01	27.95 2.07 -0.01	27.98 2.00 0.00	29.74 2.05 0.00	31.83 2.44 0.00	35.16 2.81 0.00	37.54 3.23 0.00	39.17 2.93 0.00	40.78 3.33 0.00	43.72 3.42 0.00	43.21 3.42 0.00	47.69 3.57 0.00	50.11 3.88 0.00	67.46 4.97 -10.71	66.68 5.37 -2.86	70.19 5.85 0.00	67.01 5.25 0.00	63.82 4.55 -3.81	54.99 3.88 0.00	44.77 3.55 0.00	41.67 3.40 0.00	38.92 3.05 0.00
GOWANUS_GT3_8 24129	33.49 2.73 -0.02	31.43 2.41 -0.01	28.89 2.16 -0.01	27.95 2.07 -0.01	27.98 2.00 0.00	29.74 2.05 0.00	31.83 2.44 0.00	35.16 2.81 0.00	37.54 3.23 0.00	39.17 2.93 0.00	40.78 3.33 0.00	43.72 3.42 0.00	43.21 3.42 0.00	47.69 3.57 0.00	50.11 3.88 0.00	67.46 4.97 -10.71	66.68 5.37 -2.86	70.19 5.85 0.00	67.01 5.25 0.00	63.82 4.55 -3.81	54.99 3.88 0.00	44.77 3.55 0.00	41.67 3.40 0.00	38.92 3.05 0.00
GOWANUS_GT4_1 24130	33.37 2.61 -0.02	31.44 2.41 -0.01	28.89 2.16 -0.01	27.95 2.07 -0.01	27.98 2.00 0.00	29.74 2.05 0.00	31.72 2.32 0.00	35.17 2.81 0.00	37.27 2.95 0.00	39.54 3.30 0.00	40.78 3.33 0.00	43.72 3.43 0.00	43.21 3.42 0.00	47.69 3.57 0.00	50.16 3.93 0.00	67.46 4.97 -10.71	66.68 5.38 -2.86	70.19 5.85 0.00	67.13 5.37 0.00	63.76 4.49 -3.81	54.99 3.88 0.00	44.73 3.50 0.00	41.44 3.18 0.00	38.95 3.08 0.00
GOWANUS_GT4_2 24131	33.37 2.61 -0.02	31.44 2.41 -0.01	28.89 2.16 -0.01	27.95 2.07 -0.01	27.98 2.00 0.00	29.74 2.05 0.00	31.72 2.32 0.00	35.17 2.81 0.00	37.27 2.95 0.00	39.54 3.30 0.00	40.78 3.33 0.00	43.72 3.43 0.00	43.21 3.42 0.00	47.69 3.57 0.00	50.16 3.93 0.00	67.46 4.97 -10.71	66.68 5.38 -2.86	70.19 5.85 0.00	67.13 5.37 0.00	63.76 4.49 -3.81	54.99 3.88 0.00	44.73 3.50 0.00	41.44 3.18 0.00	38.95 3.08 0.00

GOWANUS_GT4_3 24132	33.37 2.61 -0.02	31.44 2.41 -0.01	28.89 2.16 -0.01	27.95 2.07 -0.01	27.98 2.00 0.00	29.74 2.05 0.00	31.72 2.32 0.00	35.17 2.81 0.00	37.27 2.95 0.00	39.54 3.30 0.00	40.78 3.33 0.00	43.72 3.43 0.00	43.21 3.42 0.00	47.69 3.57 0.00	50.16 3.93 0.00	67.46 4.97 -10.71	66.68 5.38 -2.86	70.19 5.85 0.00	67.13 5.37 0.00	63.76 4.49 -3.81	54.99 3.88 0.00	44.73 3.50 0.00	41.44 3.18 0.00	38.95 3.08 0.00
GOWANUS_GT4_4 24133	33.37 2.61 -0.02	31.44 2.41 -0.01	28.89 2.16 -0.01	27.95 2.07 -0.01	27.98 2.00 0.00	29.74 2.05 0.00	31.72 2.32 0.00	35.17 2.81 0.00	37.27 2.95 0.00	39.54 3.30 0.00	40.78 3.33 0.00	43.72 3.43 0.00	43.21 3.42 0.00	47.69 3.57 0.00	50.16 3.93 0.00	67.46 4.97 -10.71	66.68 5.38 -2.86	70.19 5.85 0.00	67.13 5.37 0.00	63.76 4.49 -3.81	54.99 3.88 0.00	44.73 3.50 0.00	41.44 3.18 0.00	38.95 3.08 0.00
GOWANUS_GT4_5 24134	33.37 2.61 -0.02	31.44 2.41 -0.01	28.89 2.16 -0.01	27.95 2.07 -0.01	27.98 2.00 0.00	29.74 2.05 0.00	31.72 2.32 0.00	35.17 2.81 0.00	37.27 2.95 0.00	39.54 3.30 0.00	40.78 3.33 0.00	43.72 3.43 0.00	43.21 3.42 0.00	47.69 3.57 0.00	50.16 3.93 0.00	67.46 4.97 -10.71	66.68 5.38 -2.86	70.19 5.85 0.00	67.13 5.37 0.00	63.76 4.49 -3.81	54.99 3.88 0.00	44.73 3.50 0.00	41.44 3.18 0.00	38.95 3.08 0.00
GOWANUS_GT4_6 24135	33.37 2.61 -0.02	31.44 2.41 -0.01	28.89 2.16 -0.01	27.95 2.07 -0.01	27.98 2.00 0.00	29.74 2.05 0.00	31.72 2.32 0.00	35.17 2.81 0.00	37.27 2.95 0.00	39.54 3.30 0.00	40.78 3.33 0.00	43.72 3.43 0.00	43.21 3.42 0.00	47.69 3.57 0.00	50.16 3.93 0.00	67.46 4.97 -10.71	66.68 5.38 -2.86	70.19 5.85 0.00	67.13 5.37 0.00	63.76 4.49 -3.81	54.99 3.88 0.00	44.73 3.50 0.00	41.44 3.18 0.00	38.95 3.08 0.00
GOWANUS_GT4_7 24136	33.37 2.61 -0.02	31.44 2.41 -0.01	28.89 2.16 -0.01	27.95 2.07 -0.01	27.98 2.00 0.00	29.74 2.05 0.00	31.72 2.32 0.00	35.17 2.81 0.00	37.27 2.95 0.00	39.54 3.30 0.00	40.78 3.33 0.00	43.72 3.43 0.00	43.21 3.42 0.00	47.69 3.57 0.00	50.16 3.93 0.00	67.46 4.97 -10.71	66.68 5.38 -2.86	70.19 5.85 0.00	67.13 5.37 0.00	63.76 4.49 -3.81	54.99 3.88 0.00	44.73 3.50 0.00	41.44 3.18 0.00	38.95 3.08 0.00
GOWANUS_GT4_8 24137	33.37 2.61 -0.02	31.44 2.41 -0.01	28.89 2.16 -0.01	27.95 2.07 -0.01	27.98 2.00 0.00	29.74 2.05 0.00	31.72 2.32 0.00	35.17 2.81 0.00	37.27 2.95 0.00	39.54 3.30 0.00	40.78 3.33 0.00	43.72 3.43 0.00	43.21 3.42 0.00	47.69 3.57 0.00	50.16 3.93 0.00	67.46 4.97 -10.71	66.68 5.38 -2.86	70.19 5.85 0.00	67.13 5.37 0.00	63.76 4.49 -3.81	54.99 3.88 0.00	44.73 3.50 0.00	41.44 3.18 0.00	38.95 3.08 0.00
GREENBSH_115KV_TB3 55895	31.51 0.77 0.00	29.77 0.75 0.00	27.47 0.75 0.00	26.62 0.75 0.00	26.71 0.73 0.00	28.38 0.69 0.00	30.10 0.71 0.00	33.06 0.71 0.00	35.04 0.72 0.00	37.07 0.83 0.00	38.24 0.79 0.00	41.02 0.73 0.00	40.46 0.68 0.00	44.78 0.66 0.00	47.01 0.79 0.00	52.71 0.93 0.00	59.56 1.11 0.00	65.69 1.35 0.00	63.18 1.42 0.00	56.68 1.22 0.00	52.18 1.07 0.00	42.21 0.99 0.00	39.03 0.77 0.00	36.62 0.75 0.00
GREENDGE_115KV_TB5 80291	31.51 0.77 0.00	29.63 0.61 0.00	27.09 0.37 0.00	26.11 0.23 0.00	26.26 0.29 0.00	28.27 0.58 0.00	29.90 0.50 0.00	32.64 0.29 0.00	34.94 0.62 0.00	37.19 0.76 -0.19	38.46 1.01 0.00	41.83 1.53 0.00	41.54 1.75 0.00	46.50 2.38 0.00	48.35 2.13 0.00	54.36 2.59 0.00	61.95 3.51 0.00	68.45 4.12 0.00	65.65 3.89 0.00	59.75 3.77 -0.52	55.09 3.42 -0.56	43.45 2.06 -0.16	40.53 2.18 -0.08	37.12 1.26 0.00
GREENIDGE___3 23582	31.51 0.77 0.00	29.63 0.61 0.00	27.09 0.37 0.00	26.11 0.23 0.00	26.26 0.29 0.00	28.27 0.58 0.00	29.90 0.50 0.00	32.64 0.29 0.00	34.94 0.62 0.00	37.19 0.76 -0.19	38.46 1.01 0.00	41.83 1.53 0.00	41.54 1.75 0.00	46.50 2.38 0.00	48.35 2.13 0.00	54.36 2.59 0.00	61.95 3.51 0.00	68.45 4.12 0.00	65.65 3.89 0.00	59.75 3.77 -0.52	55.09 3.42 -0.56	43.45 2.06 -0.16	40.53 2.18 -0.08	37.12 1.26 0.00
GREENIDGE___4 23583	31.20 0.46 0.00	29.46 0.44 0.00	27.09 0.37 0.00	26.11 0.23 0.00	26.26 0.29 0.00	28.27 0.58 0.00	29.72 0.32 0.00	32.64 0.29 0.00	34.73 0.41 0.00	37.12 0.69 -0.19	38.57 1.12 0.00	41.91 1.61 0.00	41.62 1.83 0.00	46.54 2.42 0.00	48.31 2.08 0.00	54.36 2.59 0.00	61.95 3.51 0.00	68.46 4.12 0.00	65.77 4.01 0.00	59.75 3.77 -0.52	55.09 3.42 -0.56	43.45 2.06 -0.16	39.99 1.64 -0.08	37.09 1.22 0.00
GREENLWN_69_KV_BK 3 55738	38.34 2.55 -5.05	36.27 2.38 -4.87	32.68 2.19 -3.77	31.38 2.10 -3.41	30.92 2.05 -2.89	32.97 2.16 -3.12	34.00 2.44 -2.17	35.89 2.91 -0.63	38.40 3.05 -1.03	39.57 3.33 0.00	40.33 2.88 0.00	43.30 2.90 -0.11	42.69 2.90 0.00	47.50 3.35 -0.03	50.39 3.56 -0.61	56.07 4.30 0.00	70.64 5.20 -7.00	72.59 5.66 -2.59	67.01 5.25 0.00	59.56 4.10 0.00	54.68 3.58 0.00	44.52 3.30 0.00	40.71 2.45 0.00	38.56 2.69 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	33.37 2.61 -0.02	31.44 2.41 -0.01	28.89 2.16 -0.01	27.95 2.07 -0.01	27.98 2.00 0.00	29.74 2.05 0.00	31.72 2.32 0.00	35.17 2.81 0.00	37.27 2.95 0.00	39.54 3.30 0.00	40.78 3.33 0.00	43.72 3.43 0.00	43.21 3.42 0.00	47.69 3.57 0.00	50.16 3.93 0.00	67.46 4.97 -10.71	66.68 5.38 -2.86	70.19 5.85 0.00	67.13 5.37 0.00	63.76 4.49 -3.81	54.99 3.88 0.00	44.73 3.50 0.00	41.44 3.18 0.00	38.95 3.08 0.00
GRISSOM___SOLAR 323813	35.23 4.49 0.00	33.34 4.32 0.00	30.46 3.74 0.00	29.47 3.60 0.00	29.72 3.74 0.00	31.90 4.21 0.00	33.84 4.44 0.00	37.27 4.92 0.00	39.50 5.18 0.00	41.49 5.25 0.00	42.92 5.47 0.00	46.46 6.17 0.00	45.67 5.89 0.00	50.91 6.79 0.00	53.03 6.80 0.00	59.85 8.07 0.00	67.68 9.23 0.00	75.53 11.19 0.00	73.50 11.74 0.00	66.22 10.76 0.00	60.92 9.81 0.00	48.56 7.34 0.00	44.50 6.24 0.00	41.14 5.27 0.00
GROVEVILLE___HYD 323602	32.83 2.09 0.00	30.96 1.94 0.00	28.51 1.79 0.00	27.61 1.73 0.00	27.67 1.69 0.00	29.41 1.72 0.00	31.48 2.09 0.00	34.68 2.33 0.00	36.89 2.57 0.00	39.21 2.97 0.00	40.41 2.96 0.00	43.36 3.06 0.00	42.89 3.10 0.00	47.38 3.26 0.00	49.97 3.74 0.00	56.38 4.61 0.00	63.30 4.85 0.00	69.80 5.47 0.00	66.89 5.13 0.00	59.78 4.33 0.00	54.84 3.73 0.00	44.32 3.09 0.00	40.91 2.64 0.00	38.27 2.40 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	30.96 0.22 0.00	29.14 0.12 0.00	26.74 0.03 0.00	25.85 -0.03 0.00	25.95 -0.03 0.00	27.77 0.08 0.00	29.48 0.09 0.00	32.42 0.06 0.00	34.46 0.14 0.00	37.09 0.22 -0.63	37.75 0.30 0.00	40.82 0.52 0.00	40.14 0.36 0.00	44.60 0.49 0.00	46.60 0.37 0.00	52.29 0.52 0.00	59.20 0.76 0.00	65.17 0.84 0.00	62.50 0.74 0.00	57.91 0.72 -1.73	53.64 0.66 -1.86	42.05 0.29 -0.53	38.95 0.42 -0.26	36.16 0.29 0.00

HAMLTNNY_34_KV_TB 80303	31.05 0.31 0.00	29.19 0.17 0.00	26.80 0.08 0.00	25.90 0.03 0.00	26.03 0.05 0.00	27.86 0.17 0.00	29.57 0.18 0.00	32.48 0.13 0.00	34.56 0.24 0.00	37.25 0.36 -0.65	37.90 0.45 0.00	41.02 0.73 0.00	40.50 0.72 0.00	45.09 0.97 0.00	47.06 0.83 0.00	52.81 1.04 0.00	59.91 1.46 0.00	65.94 1.61 0.00	63.24 1.48 0.00	58.68 1.44 -1.78	54.29 1.28 -1.91	42.51 0.74 -0.55	39.34 0.80 -0.27	36.30 0.43 0.00
HAMPSHIRE___PAPER_HYD 323593	29.91 -0.83 0.00	28.32 -0.70 0.00	26.02 -0.69 0.00	25.20 -0.67 0.00	25.33 -0.65 0.00	27.16 -0.53 0.00	28.92 -0.47 0.00	31.93 -0.42 0.00	33.63 -0.69 0.00	35.76 -0.69 -0.21	36.59 -0.86 0.00	39.33 -0.97 0.00	38.79 -0.99 0.00	43.06 -1.06 0.00	45.17 -1.06 0.00	50.27 -1.50 0.00	56.34 -2.10 0.00	60.46 -2.31 1.56	59.49 -2.04 0.23	54.54 -1.49 -0.58	50.56 -1.17 -0.62	40.37 -1.03 -0.18	37.55 -0.81 -0.09	35.08 -0.79 0.00
HARDSCRABBLE_WT_PWR 323673	30.93 0.19 0.00	29.17 0.15 0.00	26.85 0.13 0.00	26.00 0.13 0.00	26.14 0.16 0.00	27.91 0.22 0.00	29.63 0.23 0.00	32.67 0.32 0.00	34.66 0.34 0.00	36.64 0.40 0.00	37.94 0.49 0.00	40.86 0.56 0.00	40.34 0.56 0.00	44.73 0.62 0.00	46.69 0.46 0.00	52.19 0.41 0.00	58.91 0.47 0.00	64.94 0.45 -0.15	62.27 0.49 -0.02	55.96 0.50 0.00	51.51 0.41 0.00	41.59 0.37 0.00	38.69 0.42 0.00	36.23 0.36 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	32.59 1.84 0.00	30.73 1.71 0.00	28.29 1.58 0.00	27.40 1.53 0.00	27.46 1.48 0.00	29.21 1.52 0.00	31.13 1.73 0.00	34.36 2.01 0.00	36.48 2.16 0.00	38.78 2.54 0.00	40.00 2.55 0.00	42.91 2.62 0.00	42.41 2.63 0.00	46.85 2.74 0.00	49.37 3.14 0.00	55.66 3.88 0.00	62.89 4.44 0.00	69.29 4.95 0.00	66.39 4.63 0.00	59.34 3.88 0.00	54.43 3.32 0.00	44.03 2.80 0.00	40.68 2.41 0.00	38.02 2.15 0.00
HARSNRAD_115KV_TB1 81005	30.93 0.18 0.00	28.64 -0.38 0.00	26.08 -0.64 0.00	25.07 -0.80 0.00	25.23 -0.75 0.00	27.08 -0.61 0.00	28.81 -0.59 0.00	30.70 -1.65 0.00	33.50 -0.82 0.00	35.44 -0.80 0.00	37.23 -0.22 0.00	40.90 0.60 0.00	40.90 1.11 0.00	46.10 1.99 0.00	47.52 1.29 0.00	53.64 1.86 0.00	61.07 2.63 0.00	67.29 2.96 0.00	64.05 2.29 0.00	58.07 2.61 0.00	53.56 2.45 0.00	42.05 0.82 0.00	39.99 1.72 0.00	36.59 0.72 0.00
HARZA MOOSE___RIVER 24016	31.26 0.52 0.00	29.51 0.49 0.00	27.09 0.37 0.00	26.21 0.34 0.00	26.34 0.36 0.00	28.24 0.55 0.00	30.04 0.65 0.00	33.13 0.78 0.00	35.01 0.69 0.00	37.18 0.76 -0.18	38.20 0.75 0.00	41.22 0.93 0.00	40.70 0.92 0.00	45.18 1.06 0.00	47.34 1.11 0.00	52.97 1.19 0.00	59.85 1.40 0.00	65.62 1.61 0.32	63.44 1.73 0.05	57.83 1.89 -0.49	53.37 1.74 -0.52	42.65 1.28 -0.15	39.37 1.03 -0.07	36.66 0.79 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	30.74 0.00 0.00	28.90 -0.12 0.00	26.56 -0.16 0.00	25.69 -0.18 0.00	25.80 -0.18 0.00	27.58 -0.11 0.00	29.28 -0.12 0.00	32.16 -0.19 0.00	34.25 -0.07 0.00	36.62 0.04 -0.34	37.56 0.11 0.00	40.62 0.32 0.00	40.14 0.36 0.00	44.65 0.53 0.00	46.64 0.42 0.00	52.34 0.57 0.00	59.26 0.82 0.00	65.24 0.90 0.00	62.56 0.80 0.00	57.18 0.78 -0.94	52.78 0.66 -1.01	41.84 0.33 -0.29	38.79 0.38 -0.14	35.94 0.07 0.00
HELLGATE_13_KV_LD 55870	33.23 2.49 0.00	31.26 2.23 0.00	28.75 2.03 0.00	27.82 1.94 0.00	27.85 1.87 0.00	29.66 1.97 0.00	31.63 2.23 0.00	35.04 2.69 0.00	37.17 2.85 0.00	39.47 3.23 0.00	40.67 3.22 0.00	43.56 3.26 0.00	43.01 3.22 0.00	47.43 3.31 0.00	49.83 3.61 0.00	56.33 4.56 0.00	63.41 4.97 0.00	69.74 5.40 0.00	66.64 4.88 0.00	59.51 4.05 0.00	54.58 3.48 0.00	44.52 3.30 0.00	41.29 3.02 0.00	38.74 2.87 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	33.23 2.49 0.00	31.26 2.23 0.00	28.75 2.03 0.00	27.82 1.94 0.00	27.85 1.87 0.00	29.66 1.97 0.00	31.63 2.23 0.00	35.04 2.69 0.00	37.17 2.85 0.00	39.47 3.23 0.00	40.67 3.22 0.00	43.56 3.26 0.00	43.01 3.22 0.00	47.43 3.31 0.00	49.83 3.61 0.00	56.33 4.56 0.00	63.41 4.97 0.00	69.74 5.40 0.00	66.64 4.88 0.00	59.51 4.05 0.00	54.58 3.48 0.00	44.52 3.30 0.00	41.29 3.02 0.00	38.74 2.87 0.00
HEMPSTEAD____ 23647	38.58 2.80 -5.05	36.30 2.41 -4.87	32.70 2.22 -3.77	31.41 2.12 -3.41	30.95 2.08 -2.89	33.00 2.19 -3.12	34.12 2.56 -2.17	35.92 2.94 -0.63	38.61 3.26 -1.03	39.39 3.15 0.00	40.86 3.41 0.00	44.18 3.34 -0.55	43.13 3.34 0.00	48.05 3.79 -0.14	53.13 3.88 -3.02	56.53 4.76 0.00	98.90 5.67 -34.78	83.46 6.18 -12.95	67.38 5.62 0.00	60.06 4.60 0.00	55.14 4.04 0.00	44.94 3.71 0.00	41.63 3.37 0.00	38.95 3.09 0.00
HEWLETT_69_KV_BK3 55828	38.80 3.01 -5.05	36.62 2.73 -4.87	33.00 2.51 -3.77	31.67 2.38 -3.41	31.21 2.34 -2.89	33.28 2.46 -3.12	34.30 2.73 -2.17	36.18 3.20 -0.63	38.82 3.47 -1.03	40.12 3.88 0.00	41.27 3.82 0.00	44.52 3.91 -0.31	43.65 3.86 0.00	48.56 4.37 -0.08	52.35 4.39 -1.73	57.06 5.28 0.00	84.63 6.25 -19.93	78.57 6.82 -7.42	68.12 6.36 0.00	60.67 5.21 0.00	55.71 4.60 0.00	45.51 4.29 0.00	41.90 3.64 0.00	39.38 3.52 0.00
HICKLING___1 23621	31.82 1.08 0.00	29.69 0.67 0.00	27.17 0.45 0.00	26.18 0.31 0.00	26.32 0.34 0.00	28.33 0.64 0.00	30.10 0.71 0.00	32.84 0.49 0.00	35.21 0.89 0.00	37.63 1.20 -0.19	38.91 1.46 0.00	42.31 2.01 0.00	42.05 2.27 0.00	47.12 3.00 0.00	48.95 2.73 0.00	55.19 3.42 0.00	62.83 4.38 0.00	69.22 4.89 0.00	66.39 4.63 0.00	60.42 4.44 -0.53	55.51 3.83 -0.57	43.90 2.51 -0.16	41.02 2.68 -0.08	37.52 1.65 0.00
HICKLING___2 23622	31.82 1.08 0.00	29.69 0.67 0.00	27.17 0.45 0.00	26.18 0.31 0.00	26.32 0.34 0.00	28.33 0.64 0.00	30.10 0.71 0.00	32.84 0.49 0.00	35.21 0.89 0.00	37.63 1.20 -0.19	38.91 1.46 0.00	42.31 2.01 0.00	42.05 2.27 0.00	47.12 3.00 0.00	48.95 2.73 0.00	55.19 3.42 0.00	62.83 4.38 0.00	69.22 4.89 0.00	66.39 4.63 0.00	60.42 4.44 -0.53	55.51 3.83 -0.57	43.90 2.51 -0.16	41.02 2.68 -0.08	37.52 1.65 0.00
HIGH FALLS___HY 23754	32.59 1.84 0.00	30.70 1.68 0.00	28.24 1.52 0.00	27.35 1.47 0.00	27.41 1.43 0.00	29.13 1.44 0.00	31.10 1.70 0.00	34.32 1.97 0.00	36.45 2.13 0.00	38.74 2.50 0.00	39.92 2.47 0.00	42.83 2.54 0.00	42.33 2.55 0.00	46.76 2.65 0.00	49.37 3.14 0.00	55.71 3.93 0.00	62.95 4.50 0.00	69.42 5.08 0.00	66.52 4.76 0.00	59.45 3.99 0.00	54.33 3.22 0.00	43.90 2.68 0.00	40.56 2.30 0.00	37.91 2.04 0.00
HIGH_RIVER___SOLAR 323847	32.34 1.60 0.00	30.53 1.51 0.00	28.08 1.36 0.00	27.22 1.34 0.00	27.33 1.35 0.00	29.13 1.44 0.00	30.89 1.50 0.00	33.97 1.62 0.00	36.00 1.68 0.00	37.87 1.63 0.00	39.17 1.72 0.00	42.15 1.85 0.00	41.58 1.79 0.00	46.10 1.99 0.00	48.26 2.03 0.00	54.21 2.43 0.00	61.25 2.81 0.00	67.68 3.34 0.00	65.34 3.58 0.00	58.79 3.33 0.00	54.12 3.01 0.00	43.61 2.39 0.00	40.37 2.10 0.00	37.66 1.79 0.00

HILLBURN___GT 23639	32.74 2.00 0.00	30.70 1.68 0.00	28.29 1.58 0.00	27.40 1.53 0.00	27.46 1.48 0.00	29.21 1.52 0.00	31.22 1.82 0.00	34.42 2.07 0.00	36.62 2.30 0.00	38.56 2.32 0.00	40.00 2.55 0.00	42.91 2.62 0.00	42.37 2.58 0.00	46.85 2.74 0.00	49.28 3.05 0.00	55.61 3.83 0.00	62.83 4.39 0.00	69.16 4.83 0.00	66.15 4.39 0.00	59.12 3.66 0.00	54.28 3.17 0.00	43.99 2.76 0.00	40.83 2.56 0.00	37.98 2.12 0.00
HILLSIDE_115KV_TB1 80332	31.29 0.55 0.00	29.22 0.20 0.00	26.77 0.05 0.00	25.82 -0.05 0.00	25.93 -0.05 0.00	27.88 0.19 0.00	29.63 0.24 0.00	32.38 0.03 0.00	34.70 0.38 0.00	37.13 0.69 -0.20	38.35 0.90 0.00	41.67 1.37 0.00	41.38 1.59 0.00	46.28 2.16 0.00	48.17 1.94 0.00	54.31 2.54 0.00	61.72 3.27 0.00	68.00 3.67 0.00	65.22 3.46 0.00	59.33 3.33 -0.55	54.51 2.81 -0.59	43.12 1.73 -0.17	40.30 1.95 -0.08	36.91 1.04 0.00
HISHELDN_WT_PWR 323625	30.83 0.09 0.00	29.14 0.12 0.00	26.56 -0.16 0.00	25.54 -0.34 0.00	25.72 -0.26 0.00	27.66 -0.03 0.00	29.04 -0.35 0.00	31.54 -0.81 0.00	33.91 -0.41 0.00	36.31 0.07 0.00	38.27 0.82 0.00	41.79 1.49 0.00	41.73 1.95 0.00	46.85 2.74 0.00	48.40 2.17 0.00	54.67 2.90 0.00	62.19 3.74 0.00	68.58 4.25 0.00	65.72 3.96 0.00	59.28 3.82 0.00	54.53 3.42 0.00	42.96 1.73 0.00	39.60 1.34 0.00	37.09 1.22 0.00
HOLTSVILLE_IC_1 23690	38.52 2.73 -5.05	36.33 2.44 -4.87	32.70 2.22 -3.77	31.43 2.15 -3.41	31.00 2.13 -2.89	33.00 2.19 -3.12	34.12 2.56 -2.17	35.79 2.81 -0.63	38.47 3.12 -1.03	39.17 2.93 0.00	40.49 3.03 0.00	43.41 3.02 -0.09	42.85 3.06 0.00	47.67 3.53 -0.02	50.40 3.70 -0.47	56.23 4.45 0.00	69.47 5.56 -5.47	72.42 6.05 -2.04	67.39 5.62 -0.01	60.07 4.60 -0.01	55.25 4.14 0.00	44.98 3.75 -0.01	41.44 3.17 0.00	38.99 3.12 0.00
HOLTSVILLE_IC_10 23699	38.77 2.98 -5.05	36.50 2.61 -4.87	32.89 2.41 -3.77	31.62 2.33 -3.41	31.16 2.29 -2.89	33.19 2.38 -3.12	34.30 2.73 -2.17	35.99 3.01 -0.63	38.75 3.40 -1.03	39.46 3.22 0.00	40.83 3.37 -0.01	43.82 3.42 -0.10	43.29 3.50 -0.01	48.16 4.01 -0.02	50.85 4.11 -0.51	56.70 4.92 0.00	70.46 6.14 -5.88	73.23 6.69 -2.20	68.01 6.24 -0.01	60.68 5.21 -0.01	55.81 4.70 -0.01	45.44 4.21 -0.01	41.79 3.52 -0.01	39.28 3.41 0.00
HOLTSVILLE_IC_2 23691	38.52 2.73 -5.05	36.33 2.44 -4.87	32.70 2.22 -3.77	31.43 2.15 -3.41	31.00 2.13 -2.89	33.00 2.19 -3.12	34.12 2.56 -2.17	35.79 2.81 -0.63	38.47 3.12 -1.03	39.17 2.93 0.00	40.49 3.03 0.00	43.41 3.02 -0.09	42.85 3.06 0.00	47.67 3.53 -0.02	50.40 3.70 -0.47	56.23 4.45 0.00	69.47 5.56 -5.47	72.42 6.05 -2.04	67.39 5.62 -0.01	60.07 4.60 -0.01	55.25 4.14 0.00	44.98 3.75 -0.01	41.44 3.17 0.00	38.99 3.12 0.00
HOLTSVILLE_IC_3 23692	38.52 2.73 -5.05	36.33 2.44 -4.87	32.70 2.22 -3.77	31.43 2.15 -3.41	31.00 2.13 -2.89	33.00 2.19 -3.12	34.12 2.56 -2.17	35.79 2.81 -0.63	38.47 3.12 -1.03	39.17 2.93 0.00	40.49 3.03 0.00	43.41 3.02 -0.09	42.85 3.06 0.00	47.67 3.53 -0.02	50.40 3.70 -0.47	56.23 4.45 0.00	69.47 5.56 -5.47	72.42 6.05 -2.04	67.39 5.62 -0.01	60.07 4.60 -0.01	55.25 4.14 0.00	44.98 3.75 -0.01	41.44 3.17 0.00	38.99 3.12 0.00
HOLTSVILLE_IC_4 23693	38.52 2.73 -5.05	36.33 2.44 -4.87	32.70 2.22 -3.77	31.43 2.15 -3.41	31.00 2.13 -2.89	33.00 2.19 -3.12	34.12 2.56 -2.17	35.79 2.81 -0.63	38.47 3.12 -1.03	39.17 2.93 0.00	40.49 3.03 0.00	43.41 3.02 -0.09	42.85 3.06 0.00	47.67 3.53 -0.02	50.40 3.70 -0.47	56.23 4.45 0.00	69.47 5.56 -5.47	72.42 6.05 -2.04	67.39 5.62 -0.01	60.07 4.60 -0.01	55.25 4.14 0.00	44.98 3.75 -0.01	41.44 3.17 0.00	38.99 3.12 0.00
HOLTSVILLE_IC_5 23694	38.52 2.73 -5.05	36.33 2.44 -4.87	32.70 2.22 -3.77	31.43 2.15 -3.41	31.00 2.13 -2.89	33.00 2.19 -3.12	34.12 2.56 -2.17	35.79 2.81 -0.63	38.47 3.12 -1.03	39.17 2.93 0.00	40.49 3.03 0.00	43.41 3.02 -0.09	42.85 3.06 0.00	47.67 3.53 -0.02	50.40 3.70 -0.47	56.23 4.45 0.00	69.47 5.56 -5.47	72.42 6.05 -2.04	67.39 5.62 -0.01	60.07 4.60 -0.01	55.25 4.14 0.00	44.98 3.75 -0.01	41.44 3.17 0.00	38.99 3.12 0.00
HOLTSVILLE_IC_6 23695	38.77 2.98 -5.05	36.50 2.61 -4.87	32.89 2.41 -3.77	31.62 2.33 -3.41	31.16 2.29 -2.89	33.19 2.38 -3.12	34.30 2.73 -2.17	35.99 3.01 -0.63	38.75 3.40 -1.03	39.46 3.22 0.00	40.83 3.37 -0.01	43.82 3.42 -0.10	43.29 3.50 -0.01	48.16 4.01 -0.02	50.85 4.11 -0.51	56.70 4.92 0.00	70.46 6.14 -5.88	73.23 6.69 -2.20	68.01 6.24 -0.01	60.68 5.21 -0.01	55.81 4.70 -0.01	45.44 4.21 -0.01	41.79 3.52 -0.01	39.28 3.41 0.00
HOLTSVILLE_IC_7 23696	38.77 2.98 -5.05	36.50 2.61 -4.87	32.89 2.41 -3.77	31.62 2.33 -3.41	31.16 2.29 -2.89	33.19 2.38 -3.12	34.30 2.73 -2.17	35.99 3.01 -0.63	38.75 3.40 -1.03	39.46 3.22 0.00	40.83 3.37 -0.01	43.82 3.42 -0.10	43.29 3.50 -0.01	48.16 4.01 -0.02	50.85 4.11 -0.51	56.70 4.92 0.00	70.46 6.14 -5.88	73.23 6.69 -2.20	68.01 6.24 -0.01	60.68 5.21 -0.01	55.81 4.70 -0.01	45.44 4.21 -0.01	41.79 3.52 -0.01	39.28 3.41 0.00
HOLTSVILLE_IC_8 23697	38.77 2.98 -5.05	36.50 2.61 -4.87	32.89 2.41 -3.77	31.62 2.33 -3.41	31.16 2.29 -2.89	33.19 2.38 -3.12	34.30 2.73 -2.17	35.99 3.01 -0.63	38.75 3.40 -1.03	39.46 3.22 0.00	40.83 3.37 -0.01	43.82 3.42 -0.10	43.29 3.50 -0.01	48.16 4.01 -0.02	50.85 4.11 -0.51	56.70 4.92 0.00	70.46 6.14 -5.88	73.23 6.69 -2.20	68.01 6.24 -0.01	60.68 5.21 -0.01	55.81 4.70 -0.01	45.44 4.21 -0.01	41.79 3.52 -0.01	39.28 3.41 0.00
HOLTSVILLE_IC_9 23698	38.77 2.98 -5.05	36.50 2.61 -4.87	32.89 2.41 -3.77	31.62 2.33 -3.41	31.16 2.29 -2.89	33.19 2.38 -3.12	34.30 2.73 -2.17	35.99 3.01 -0.63	38.75 3.40 -1.03	39.46 3.22 0.00	40.83 3.37 -0.01	43.82 3.42 -0.10	43.29 3.50 -0.01	48.16 4.01 -0.02	50.85 4.11 -0.51	56.70 4.92 0.00	70.46 6.14 -5.88	73.23 6.69 -2.20	68.01 6.24 -0.01	60.68 5.21 -0.01	55.81 4.70 -0.01	45.44 4.21 -0.01	41.79 3.52 -0.01	39.28 3.41 0.00
HOMER_HL_115KV_TB2 355744	31.66 0.92 0.00	29.28 0.26 0.00	26.69 -0.03 0.00	25.64 -0.23 0.00	25.77 -0.21 0.00	27.83 0.14 0.00	29.69 0.29 0.00	32.19 -0.16 0.00	34.87 0.55 0.00	37.18 0.94 0.00	38.87 1.42 0.00	42.07 1.77 0.00	42.01 2.23 0.00	47.38 3.26 0.00	49.05 2.82 0.00	55.50 3.73 0.00	63.24 4.79 0.00	69.55 5.21 0.00	66.33 4.57 0.00	60.01 4.55 0.00	54.89 3.78 0.00	43.29 2.06 0.00	41.25 2.98 0.00	37.48 1.61 0.00
HOWARD_WT_PWR 323690	31.51 0.77 0.00	29.71 0.70 0.00	27.17 0.45 0.00	26.13 0.26 0.00	26.29 0.31 0.00	28.33 0.64 0.00	29.81 0.41 0.00	32.55 0.20 0.00	34.76 0.44 0.00	37.14 0.76 -0.14	38.87 1.42 0.00	42.31 2.01 0.00	42.09 2.31 0.00	47.12 3.00 0.00	48.81 2.59 0.00	55.09 3.32 0.00	62.77 4.32 0.00	69.42 5.08 0.00	66.83 5.07 0.00	60.83 4.99 -0.38	56.02 4.50 -0.41	44.10 2.76 -0.12	40.62 2.30 -0.06	37.77 1.90 0.00

HQ_GEN_CEDARS 23644	29.94 -0.80 0.00	28.38 -0.64 0.00	26.13 -0.59 0.00	25.30 -0.57 0.00	25.46 -0.52 0.00	27.16 -0.53 0.00	28.93 -0.47 0.00	31.93 -0.42 0.00	33.60 -0.72 0.00	35.41 -0.83 0.00	36.55 -0.90 0.00	39.09 -1.21 0.00	38.63 -1.15 0.00	42.79 -1.32 0.00	44.93 -1.29 0.00	49.96 -1.81 0.00	55.35 -3.10 0.00	58.00 -3.54 2.79	57.95 -3.40 0.41	52.46 -2.99 0.01	48.65 -2.45 0.00	39.33 -1.90 0.00	36.89 -1.38 0.00	35.04 -0.82 0.00
HQ_GEN_CEDARS_PROXY 323590	29.97 -0.77 0.00	28.38 -0.64 0.00	26.13 -0.59 0.00	25.33 -0.54 0.00	25.46 -0.52 0.00	27.16 -0.53 0.00	28.92 -0.47 0.00	31.93 -0.42 0.00	33.63 -0.69 0.00	35.59 -0.65 0.00	36.55 -0.90 0.00	39.09 -1.21 0.00	38.59 -1.19 0.00	42.79 -1.32 0.00	44.98 -1.25 0.00	49.96 -1.81 0.00	55.35 -3.10 0.00	58.00 -3.54 2.79	57.95 -3.40 0.41	52.46 -3.00 0.01	48.66 -2.45 0.00	39.33 -1.90 0.00	37.15 -1.11 0.00	35.04 -0.82 0.00
HQ_GEN_IMPORT 323601	30.13 -0.61 0.00	28.50 -0.52 0.00	26.24 -0.48 0.00	25.41 -0.46 0.00	25.54 -0.44 0.00	27.22 -0.47 0.00	28.92 -0.47 0.00	31.83 -0.52 0.00	33.70 -0.62 0.00	35.48 -0.62 0.14	35.48 -0.82 1.15	35.48 -0.93 3.89	35.48 -0.91 3.39	35.48 -1.06 7.58	35.48 -1.06 9.69	35.48 -1.35 14.95	35.48 -1.70 21.27	35.48 -1.93 26.93	35.48 -1.85 24.43	35.48 -1.66 18.32	35.48 -1.43 14.20	35.48 -1.11 4.63	35.48 -0.96 1.83	35.19 -0.68 0.00
HQ_GEN_WHEEL 23651	30.13 -0.61 0.00	28.50 -0.52 0.00	26.24 -0.48 0.00	25.41 -0.46 0.00	25.54 -0.44 0.00	27.22 -0.47 0.00	28.92 -0.47 0.00	31.83 -0.52 0.00	33.70 -0.62 0.00	35.48 -0.62 0.14	35.48 -0.82 1.15	35.48 -0.93 3.89	35.48 -0.91 3.39	35.48 -1.06 7.58	35.48 -1.06 9.69	35.48 -1.35 14.95	35.48 -1.70 21.27	35.48 -1.93 26.93	35.48 -1.85 24.43	35.48 -1.66 18.32	35.48 -1.43 14.20	35.48 -1.11 4.63	35.48 -0.96 1.83	35.19 -0.68 0.00
HUDSON AVE_GT_3 23810	33.17 2.43 0.00	31.20 2.18 0.00	28.70 1.98 0.00	27.76 1.89 0.00	27.80 1.82 0.00	29.60 1.91 0.00	31.60 2.20 0.00	35.07 2.72 0.00	37.24 2.92 0.00	39.57 3.33 0.00	40.82 3.37 0.00	43.72 3.43 0.00	43.17 3.38 0.00	47.60 3.49 0.00	50.11 3.88 0.00	56.54 4.76 0.00	63.76 5.32 0.00	70.12 5.79 0.00	67.01 5.25 0.00	59.90 4.44 0.00	54.99 3.88 0.00	44.65 3.42 0.00	41.29 3.02 0.00	38.67 2.80 0.00
HUDSON AVE_GT_4 23540	33.17 2.43 0.00	31.20 2.18 0.00	28.70 1.98 0.00	27.76 1.89 0.00	27.80 1.82 0.00	29.60 1.91 0.00	31.60 2.20 0.00	35.07 2.72 0.00	37.24 2.92 0.00	39.57 3.33 0.00	40.82 3.37 0.00	43.72 3.43 0.00	43.17 3.38 0.00	47.60 3.49 0.00	50.11 3.88 0.00	56.54 4.76 0.00	63.76 5.32 0.00	70.12 5.79 0.00	67.01 5.25 0.00	59.90 4.44 0.00	54.99 3.88 0.00	44.65 3.42 0.00	41.29 3.02 0.00	38.67 2.80 0.00
HUDSON AVE_GT_5 23657	33.17 2.43 0.00	31.20 2.18 0.00	28.70 1.98 0.00	27.76 1.89 0.00	27.80 1.82 0.00	29.60 1.91 0.00	31.60 2.20 0.00	35.07 2.72 0.00	37.24 2.92 0.00	39.57 3.33 0.00	40.82 3.37 0.00	43.72 3.43 0.00	43.17 3.38 0.00	47.60 3.49 0.00	50.11 3.88 0.00	56.54 4.76 0.00	63.76 5.32 0.00	70.12 5.79 0.00	67.01 5.25 0.00	59.90 4.44 0.00	54.99 3.88 0.00	44.65 3.42 0.00	41.29 3.02 0.00	38.67 2.80 0.00
HUDSON_AVE_10 24168	33.08 2.34 0.00	31.11 2.09 0.00	28.64 1.92 0.00	27.68 1.81 0.00	27.75 1.77 0.00	29.55 1.86 0.00	31.54 2.15 0.00	35.00 2.65 0.00	37.20 2.88 0.00	39.50 3.26 0.00	40.75 3.30 0.00	43.64 3.34 0.00	43.09 3.30 0.00	47.51 3.40 0.00	50.06 3.84 0.00	56.49 4.71 0.00	63.65 5.20 0.00	70.06 5.73 0.00	66.95 5.19 0.00	59.78 4.33 0.00	54.94 3.83 0.00	44.60 3.38 0.00	41.21 2.95 0.00	38.56 2.69 0.00
HUDSON___115KV_TB 4 355613	32.16 1.41 0.00	30.41 1.39 0.00	28.00 1.28 0.00	27.14 1.27 0.00	27.25 1.27 0.00	28.96 1.27 0.00	30.72 1.32 0.00	33.55 1.20 0.00	35.55 1.24 0.00	37.51 1.27 0.00	38.57 1.12 0.00	41.42 1.13 0.00	40.90 1.11 0.00	45.40 1.28 0.00	47.61 1.39 0.00	53.48 1.71 0.00	60.49 2.05 0.00	67.10 2.77 0.00	64.97 3.21 0.00	58.40 2.94 0.00	53.77 2.66 0.00	43.33 2.10 0.00	39.91 1.65 0.00	37.52 1.65 0.00
HUNTER MOUNT___DRP 323613	32.22 1.48 0.00	30.50 1.48 0.00	28.08 1.36 0.00	27.25 1.37 0.00	27.36 1.38 0.00	29.05 1.36 0.00	30.78 1.38 0.00	33.61 1.26 0.00	35.62 1.30 0.00	37.58 1.34 0.00	38.61 1.16 0.00	41.46 1.17 0.00	40.98 1.19 0.00	45.48 1.37 0.00	47.71 1.48 0.00	53.59 1.81 0.00	60.61 2.16 0.00	67.36 3.02 0.00	65.34 3.58 0.00	58.79 3.33 0.00	54.12 3.02 0.00	43.53 2.31 0.00	40.06 1.80 0.00	37.59 1.72 0.00
HUNTINGTON_RES_REC 323705	38.65 2.86 -5.05	36.41 2.52 -4.87	32.78 2.30 -3.77	31.56 2.28 -3.41	31.08 2.21 -2.89	33.14 2.33 -3.12	34.26 2.70 -2.17	36.02 3.04 -0.63	38.71 3.37 -1.03	39.39 3.15 0.00	40.63 3.18 0.00	43.65 3.26 -0.10	43.13 3.34 0.00	48.03 3.88 -0.02	50.83 4.07 -0.54	56.59 4.82 0.00	70.64 5.96 -6.23	73.23 6.50 -2.40	67.79 5.99 -0.04	60.32 4.82 -0.04	55.35 4.24 0.00	45.14 3.87 -0.04	41.48 3.21 0.00	38.99 3.12 0.00
HUNTLEY___63 23557	31.36 0.61 0.00	29.02 0.00 0.00	26.42 -0.29 0.00	25.38 -0.49 0.00	25.56 -0.42 0.00	27.47 -0.22 0.00	29.19 -0.21 0.00	31.15 -1.20 0.00	34.04 -0.27 0.00	36.02 -0.22 0.00	37.83 0.37 0.00	41.59 1.29 0.00	41.62 1.83 0.00	46.98 2.87 0.00	48.45 2.22 0.00	54.73 2.95 0.00	62.24 3.80 0.00	68.58 4.25 0.00	65.16 3.40 0.00	59.12 3.66 0.00	54.43 3.32 0.00	42.67 1.44 0.00	40.48 2.22 0.00	37.02 1.15 0.00
HUNTLEY___64 23558	31.36 0.61 0.00	29.02 0.00 0.00	26.42 -0.29 0.00	25.38 -0.49 0.00	25.56 -0.42 0.00	27.47 -0.22 0.00	29.19 -0.21 0.00	31.15 -1.20 0.00	34.04 -0.27 0.00	36.02 -0.22 0.00	37.83 0.37 0.00	41.59 1.29 0.00	41.62 1.83 0.00	46.98 2.87 0.00	48.45 2.22 0.00	54.73 2.95 0.00	62.24 3.80 0.00	68.58 4.25 0.00	65.16 3.40 0.00	59.12 3.66 0.00	54.43 3.32 0.00	42.67 1.44 0.00	40.48 2.22 0.00	37.02 1.15 0.00
HUNTLEY___65 23559	31.36 0.61 0.00	29.02 0.00 0.00	26.42 -0.29 0.00	25.38 -0.49 0.00	25.56 -0.42 0.00	27.47 -0.22 0.00	29.19 -0.21 0.00	31.15 -1.20 0.00	34.04 -0.27 0.00	36.02 -0.22 0.00	37.83 0.37 0.00	41.59 1.29 0.00	41.62 1.83 0.00	46.98 2.87 0.00	48.45 2.22 0.00	54.73 2.95 0.00	62.24 3.80 0.00	68.58 4.25 0.00	65.16 3.40 0.00	59.12 3.66 0.00	54.43 3.32 0.00	42.67 1.44 0.00	40.48 2.22 0.00	37.02 1.15 0.00
HUNTLEY___66 23560	31.36 0.61 0.00	29.02 0.00 0.00	26.42 -0.29 0.00	25.38 -0.49 0.00	25.56 -0.42 0.00	27.47 -0.22 0.00	29.19 -0.21 0.00	31.15 -1.20 0.00	34.04 -0.27 0.00	36.02 -0.22 0.00	37.83 0.37 0.00	41.59 1.29 0.00	41.62 1.83 0.00	46.98 2.87 0.00	48.45 2.22 0.00	54.73 2.95 0.00	62.24 3.80 0.00	68.58 4.25 0.00	65.16 3.40 0.00	59.12 3.66 0.00	54.43 3.32 0.00	42.67 1.44 0.00	40.48 2.22 0.00	37.02 1.15 0.00

HUNTLEY___67 23561	31.23 0.49 0.00	28.93 -0.09 0.00	26.32 -0.40 0.00	25.30 -0.57 0.00	25.49 -0.49 0.00	27.36 -0.33 0.00	29.10 -0.29 0.00	31.06 -1.29 0.00	33.87 -0.45 0.00	35.88 -0.36 0.00	37.64 0.19 0.00	41.30 1.01 0.00	41.30 1.51 0.00	46.54 2.43 0.00	48.03 1.80 0.00	54.31 2.54 0.00	61.78 3.33 0.00	68.07 3.73 0.00	64.73 2.96 0.00	58.68 3.22 0.00	54.02 2.91 0.00	42.46 1.24 0.00	40.26 1.99 0.00	36.80 0.93 0.00
HUNTLEY___68 23562	31.23 0.49 0.00	28.93 -0.09 0.00	26.32 -0.40 0.00	25.30 -0.57 0.00	25.49 -0.49 0.00	27.36 -0.33 0.00	29.10 -0.29 0.00	31.06 -1.29 0.00	33.87 -0.45 0.00	35.88 -0.36 0.00	37.64 0.19 0.00	41.30 1.01 0.00	41.30 1.51 0.00	46.54 2.43 0.00	48.03 1.80 0.00	54.31 2.54 0.00	61.78 3.33 0.00	68.07 3.73 0.00	64.73 2.96 0.00	58.68 3.22 0.00	54.02 2.91 0.00	42.46 1.24 0.00	40.26 1.99 0.00	36.80 0.93 0.00
HYLAND___LFGE 323620	32.40 1.66 0.00	30.59 1.57 0.00	27.92 1.20 0.00	26.86 0.98 0.00	27.10 1.12 0.00	29.21 1.52 0.00	30.69 1.29 0.00	33.13 0.78 0.00	34.73 0.41 0.00	35.48 -0.76 0.00	36.96 -0.49 0.00	40.54 0.24 0.00	40.27 0.48 0.00	45.00 0.88 0.00	46.64 0.42 0.00	52.81 1.04 0.00	60.37 1.93 0.00	67.55 3.22 0.00	65.90 4.14 0.00	60.17 4.71 0.00	55.97 4.86 0.00	44.40 3.17 0.00	40.72 2.45 0.00	37.59 1.72 0.00
INDECK___CORINTH 23802	32.55 1.81 0.00	30.79 1.77 0.00	28.35 1.63 0.00	27.43 1.55 0.00	27.56 1.58 0.00	29.44 1.75 0.00	31.16 1.76 0.00	34.29 1.94 0.00	36.45 2.13 0.00	38.34 2.10 0.00	39.32 1.87 0.00	42.39 2.09 0.00	41.66 1.87 0.00	45.97 1.85 0.00	47.98 1.76 0.00	54.05 2.28 0.00	61.08 2.63 0.00	67.68 3.34 0.00	66.08 4.32 0.00	59.45 4.00 0.00	55.14 4.04 0.00	44.27 3.05 0.00	40.75 2.49 0.00	37.91 2.04 0.00
INDECK___ILION 23567	31.02 0.28 0.00	29.28 0.26 0.00	26.96 0.24 0.00	26.11 0.23 0.00	26.21 0.23 0.00	27.97 0.28 0.00	29.69 0.29 0.00	32.71 0.36 0.00	34.70 0.38 0.00	36.71 0.47 0.00	37.90 0.45 0.00	40.82 0.52 0.00	40.30 0.52 0.00	44.69 0.57 0.00	46.78 0.55 0.00	52.34 0.57 0.00	59.15 0.70 0.00	65.25 0.77 0.00	62.59 0.80 -0.15	56.24 0.78 0.00	51.77 0.66 0.00	41.76 0.54 0.00	38.76 0.50 0.00	36.26 0.39 0.00
INDECK___OLEAN 23982	31.14 0.40 0.00	29.25 0.23 0.00	26.69 -0.03 0.00	25.64 -0.23 0.00	25.77 -0.21 0.00	27.83 0.14 0.00	29.40 0.00 0.00	32.19 -0.16 0.00	34.59 0.27 0.00	37.07 0.83 0.00	39.06 1.61 0.00	42.23 1.93 0.00	42.17 2.39 0.00	47.38 3.26 0.00	49.00 2.77 0.00	55.51 3.73 0.00	63.24 4.79 0.00	69.54 5.21 0.00	66.64 4.88 0.00	60.01 4.55 0.00	54.89 3.78 0.00	43.28 2.06 0.00	39.83 1.57 0.00	37.48 1.62 0.00
INDECK___OSWEGO 23783	30.22 -0.52 0.00	28.53 -0.49 0.00	26.21 -0.51 0.00	25.36 -0.52 0.00	25.46 -0.52 0.00	27.22 -0.47 0.00	28.87 -0.53 0.00	31.74 -0.62 0.00	33.67 -0.65 0.00	36.81 -0.94 -1.51	36.59 -0.86 0.00	39.49 -0.81 0.00	38.99 -0.80 0.00	43.32 -0.79 0.00	45.25 -0.97 0.00	50.79 -0.99 0.00	57.51 -0.94 0.00	63.29 -0.96 0.08	60.82 -0.92 0.01	58.83 -0.78 -4.15	54.85 -0.72 -4.46	41.76 -0.74 -1.28	38.13 -0.77 -0.63	35.08 -0.79 0.00
INDECK___YERKES 23781	30.68 -0.06 0.00	29.05 0.03 0.00	26.45 -0.27 0.00	25.41 -0.46 0.00	25.59 -0.39 0.00	27.47 -0.22 0.00	28.81 -0.59 0.00	31.19 -1.16 0.00	33.63 -0.69 0.00	36.10 -0.14 0.00	38.16 0.71 0.00	41.79 1.49 0.00	41.81 2.03 0.00	47.03 2.91 0.00	48.45 2.22 0.00	54.78 3.00 0.00	62.30 3.86 0.00	68.65 4.31 0.00	65.59 3.83 0.00	59.17 3.72 0.00	54.53 3.42 0.00	42.75 1.53 0.00	39.41 1.15 0.00	37.05 1.18 0.00
INDIAN POINT_GT_1 24139	32.71 1.97 0.00	30.79 1.77 0.00	28.37 1.66 0.00	27.45 1.58 0.00	27.51 1.53 0.00	29.30 1.61 0.00	31.22 1.82 0.00	34.55 2.20 0.00	36.65 2.33 0.00	38.92 2.68 0.00	40.15 2.70 0.00	43.00 2.70 0.00	42.45 2.67 0.00	46.94 2.82 0.00	49.42 3.19 0.00	55.71 3.93 0.00	62.95 4.50 0.00	69.22 4.89 0.00	66.27 4.51 0.00	59.23 3.77 0.00	54.38 3.27 0.00	44.07 2.84 0.00	40.71 2.45 0.00	38.13 2.26 0.00
INDIAN POINT_GT_2 23659	32.71 1.97 0.00	30.79 1.77 0.00	28.37 1.66 0.00	27.45 1.58 0.00	27.51 1.53 0.00	29.30 1.61 0.00	31.22 1.82 0.00	34.55 2.20 0.00	36.65 2.33 0.00	38.92 2.68 0.00	40.15 2.70 0.00	43.00 2.70 0.00	42.45 2.67 0.00	46.94 2.82 0.00	49.42 3.19 0.00	55.71 3.93 0.00	62.95 4.50 0.00	69.22 4.89 0.00	66.27 4.51 0.00	59.23 3.77 0.00	54.38 3.27 0.00	44.07 2.84 0.00	40.71 2.45 0.00	38.13 2.26 0.00
INDIAN POINT_GT_3 24019	32.71 1.97 0.00	30.79 1.77 0.00	28.37 1.66 0.00	27.45 1.58 0.00	27.51 1.53 0.00	29.30 1.61 0.00	31.22 1.82 0.00	34.55 2.20 0.00	36.65 2.33 0.00	38.92 2.68 0.00	40.15 2.70 0.00	43.00 2.70 0.00	42.45 2.67 0.00	46.94 2.82 0.00	49.42 3.19 0.00	55.71 3.93 0.00	62.95 4.50 0.00	69.22 4.89 0.00	66.27 4.51 0.00	59.23 3.77 0.00	54.38 3.27 0.00	44.07 2.84 0.00	40.71 2.45 0.00	38.13 2.26 0.00
INDIAN POINT___2 23530	32.77 2.03 0.00	30.76 1.74 0.00	28.32 1.60 0.00	27.40 1.53 0.00	27.46 1.48 0.00	29.24 1.55 0.00	31.25 1.85 0.00	34.45 2.10 0.00	36.65 2.33 0.00	38.56 2.32 0.00	40.00 2.55 0.00	42.91 2.62 0.00	42.37 2.58 0.00	46.85 2.74 0.00	49.28 3.05 0.00	55.55 3.78 0.00	62.77 4.32 0.00	69.03 4.69 0.00	66.02 4.26 0.00	59.06 3.60 0.00	54.23 3.12 0.00	43.94 2.72 0.00	40.83 2.56 0.00	38.02 2.15 0.00
INDIAN POINT___3 23531	32.62 1.88 0.00	30.73 1.71 0.00	28.32 1.60 0.00	27.43 1.55 0.00	27.46 1.48 0.00	29.24 1.55 0.00	31.16 1.76 0.00	34.45 2.10 0.00	36.55 2.23 0.00	38.81 2.57 0.00	40.03 2.58 0.00	42.87 2.58 0.00	42.33 2.55 0.00	46.81 2.69 0.00	49.23 3.00 0.00	55.50 3.73 0.00	62.71 4.27 0.00	68.97 4.63 0.00	66.02 4.26 0.00	59.01 3.55 0.00	54.17 3.07 0.00	43.94 2.72 0.00	40.60 2.33 0.00	38.02 2.15 0.00
INGHAM_C_115KV_TB7 356103	30.93 0.18 0.00	29.19 0.17 0.00	26.88 0.16 0.00	26.03 0.16 0.00	26.13 0.16 0.00	27.91 0.22 0.00	29.63 0.24 0.00	32.64 0.29 0.00	34.63 0.31 0.00	36.64 0.40 0.00	37.86 0.41 0.00	40.82 0.52 0.00	40.26 0.48 0.00	44.65 0.53 0.00	46.64 0.42 0.00	52.14 0.36 0.00	58.85 0.41 0.00	64.87 0.39 -0.15	62.21 0.43 -0.02	55.96 0.50 0.00	51.52 0.41 0.00	41.60 0.37 0.00	38.69 0.42 0.00	36.23 0.36 0.00
IP CORINTH___1 23988	32.71 1.97 0.00	30.96 1.94 0.00	28.48 1.76 0.00	27.56 1.68 0.00	27.69 1.71 0.00	29.57 1.88 0.00	31.28 1.88 0.00	34.49 2.14 0.00	36.62 2.30 0.00	38.67 2.43 0.00	39.55 2.10 0.00	42.63 2.34 0.00	41.93 2.15 0.00	46.23 2.12 0.00	48.31 2.08 0.00	54.36 2.59 0.00	61.43 2.98 0.00	68.07 3.73 0.00	66.45 4.69 0.00	59.78 4.33 0.00	55.45 4.34 0.00	44.56 3.34 0.00	40.91 2.64 0.00	38.09 2.22 0.00

IP__TICONDEROGA 23804	34.46 3.72 0.00	32.65 3.63 0.00	29.95 3.23 0.00	28.93 3.05 0.00	29.15 3.17 0.00	31.23 3.54 0.00	32.98 3.59 0.00	36.30 3.95 0.00	38.57 4.26 0.00	40.70 4.46 0.00	41.68 4.23 0.00	45.13 4.84 0.00	44.24 4.46 0.00	49.01 4.90 0.00	50.99 4.76 0.00	57.52 5.75 0.00	64.99 6.55 0.00	72.31 7.98 0.00	70.78 9.02 0.00	63.78 8.32 0.00	59.13 8.02 0.00	47.33 6.10 0.00	43.20 4.94 0.00	40.10 4.23 0.00
ISLIP_RES_REC 323679	38.98 3.20 -5.05	36.70 2.81 -4.87	33.05 2.57 -3.77	31.77 2.48 -3.41	31.31 2.44 -2.89	33.36 2.55 -3.12	34.47 2.91 -2.17	36.21 3.23 -0.63	38.99 3.64 -1.03	39.79 3.55 0.00	41.20 3.74 -0.01	44.27 3.87 -0.10	43.73 3.94 -0.01	48.64 4.50 -0.02	51.43 4.67 -0.53	57.32 5.54 0.00	71.42 6.83 -6.14	74.09 7.46 -2.30	68.75 6.98 -0.01	61.29 5.82 -0.01	56.38 5.27 -0.01	45.89 4.66 -0.01	42.14 3.86 -0.01	39.56 3.70 0.00
JAMAICA__27_KV_LOAD 355505	33.32 2.58 0.00	31.34 2.32 0.00	28.88 2.16 0.00	27.92 2.04 0.00	27.95 1.97 0.00	29.80 2.10 0.00	31.78 2.38 0.00	35.36 3.01 0.00	37.58 3.26 0.00	39.90 3.66 0.00	41.20 3.75 0.00	44.16 3.87 0.00	43.61 3.82 0.00	48.13 4.01 0.00	50.71 4.48 0.00	57.28 5.49 -0.02	64.60 6.14 -0.02	71.04 6.69 -0.02	67.95 6.18 -0.02	60.74 5.27 -0.02	55.77 4.65 -0.01	45.18 3.96 0.00	41.71 3.44 0.00	38.92 3.05 0.00
JANIS__SOLAR 323808	32.37 1.63 0.00	30.56 1.54 0.00	28.00 1.28 0.00	27.04 1.17 0.00	27.17 1.20 0.00	29.30 1.61 0.00	31.07 1.67 0.00	34.19 1.84 0.00	36.14 1.82 0.00	38.52 1.99 -0.29	39.62 2.17 0.00	42.88 2.58 0.00	42.33 2.55 0.00	47.07 2.96 0.00	49.14 2.91 0.00	55.30 3.52 0.00	62.95 4.50 0.00	69.54 5.21 0.00	67.20 5.44 0.00	61.64 5.38 -0.80	56.87 4.91 -0.86	45.02 3.55 -0.25	41.41 3.02 -0.12	38.38 2.51 0.00
JARVIS____ 23743	30.99 0.24 0.00	29.25 0.23 0.00	26.93 0.21 0.00	26.08 0.21 0.00	26.19 0.21 0.00	27.91 0.22 0.00	29.63 0.23 0.00	32.61 0.26 0.00	34.59 0.27 0.00	36.53 0.29 0.00	37.79 0.34 0.00	40.66 0.36 0.00	40.14 0.36 0.00	44.51 0.40 0.00	46.64 0.42 0.00	52.24 0.46 0.00	59.03 0.58 0.00	65.12 0.64 -0.15	62.40 0.62 -0.02	56.07 0.61 0.00	51.62 0.51 0.00	41.64 0.41 0.00	38.65 0.38 0.00	36.15 0.29 0.00
JENNISON__1 23625	32.71 1.97 0.00	30.79 1.77 0.00	28.21 1.50 0.00	27.27 1.40 0.00	27.41 1.43 0.00	29.49 1.80 0.00	31.37 1.97 0.00	34.55 2.20 0.00	36.62 2.30 0.00	39.09 2.65 -0.20	40.18 2.73 0.00	43.52 3.22 0.00	43.01 3.22 0.00	47.87 3.75 0.00	50.06 3.84 0.00	56.18 4.40 0.00	63.70 5.26 0.00	70.19 5.85 0.00	67.57 5.81 0.00	61.62 5.60 -0.56	56.72 5.01 -0.60	45.15 3.75 -0.17	41.76 3.41 -0.09	38.56 2.69 0.00
JENNISON__2 23626	32.71 1.97 0.00	30.79 1.77 0.00	28.21 1.50 0.00	27.27 1.40 0.00	27.41 1.43 0.00	29.49 1.80 0.00	31.37 1.97 0.00	34.55 2.20 0.00	36.62 2.30 0.00	39.09 2.65 -0.20	40.18 2.73 0.00	43.52 3.22 0.00	43.01 3.22 0.00	47.87 3.75 0.00	50.06 3.84 0.00	56.18 4.40 0.00	63.70 5.26 0.00	70.19 5.85 0.00	67.57 5.81 0.00	61.62 5.60 -0.56	56.72 5.01 -0.60	45.15 3.75 -0.17	41.76 3.41 -0.09	38.56 2.69 0.00
JERICHO_RISE_WT_PWR 323719	29.91 -0.83 0.00	28.38 -0.64 0.00	26.13 -0.59 0.00	25.33 -0.54 0.00	25.54 -0.44 0.00	27.28 -0.41 0.00	29.10 -0.29 0.00	31.96 -0.39 0.00	33.74 -0.58 0.00	35.81 -0.43 0.00	36.81 -0.64 0.00	39.49 -0.81 0.00	39.03 -0.76 0.00	43.32 -0.79 0.00	45.54 -0.69 0.00	49.96 -1.81 0.00	55.93 -2.51 0.00	58.44 -3.02 2.88	58.31 -3.02 0.42	52.51 -2.94 0.01	48.91 -2.20 0.00	39.74 -1.48 0.00	36.92 -1.34 0.00	35.01 -0.86 0.00
KATONAH__115KV_46KV_TB4 355592	33.02 2.27 0.00	31.08 2.06 0.00	28.59 1.87 0.00	27.66 1.79 0.00	27.72 1.74 0.00	29.52 1.83 0.00	31.51 2.12 0.00	34.87 2.52 0.00	37.03 2.71 0.00	39.36 3.12 0.00	40.60 3.15 0.00	43.52 3.22 0.00	43.01 3.22 0.00	47.60 3.49 0.00	50.16 3.93 0.00	56.59 4.82 0.00	63.94 5.49 0.00	70.32 5.98 0.00	67.38 5.62 0.00	60.17 4.71 0.00	55.09 3.99 0.00	44.60 3.38 0.00	41.17 2.91 0.00	38.49 2.62 0.00
KCE_NY_1 323755	32.96 2.21 0.00	31.14 2.12 0.00	28.64 1.92 0.00	27.71 1.84 0.00	27.85 1.87 0.00	29.69 1.99 0.00	31.45 2.06 0.00	34.58 2.23 0.00	36.72 2.40 0.00	38.67 2.43 0.00	39.88 2.43 0.00	43.00 2.70 0.00	42.25 2.47 0.00	46.81 2.69 0.00	48.91 2.68 0.00	55.04 3.26 0.00	62.24 3.80 0.00	68.84 4.50 0.00	66.64 4.88 0.00	59.90 4.44 0.00	55.35 4.24 0.00	44.52 3.30 0.00	41.10 2.83 0.00	38.31 2.44 0.00
KCE_NY_6_ESR 323823	30.99 0.24 0.00	29.31 0.29 0.00	26.69 -0.03 0.00	25.64 -0.23 0.00	25.82 -0.15 0.00	27.75 0.06 0.00	29.13 -0.27 0.00	31.64 -0.71 0.00	34.08 -0.24 0.00	36.57 0.33 0.00	38.65 1.20 0.00	42.27 1.97 0.00	42.29 2.51 0.00	47.56 3.44 0.00	49.05 2.82 0.00	55.51 3.73 0.00	63.12 4.68 0.00	69.48 5.15 0.00	66.45 4.69 0.00	59.95 4.49 0.00	55.10 3.99 0.00	43.24 2.02 0.00	39.87 1.61 0.00	37.41 1.54 0.00
KEDC_PORT_JEFF_GT2 24210	38.68 2.89 -5.05	36.44 2.55 -4.87	32.81 2.32 -3.77	31.56 2.28 -3.41	31.10 2.23 -2.89	33.14 2.33 -3.12	34.24 2.67 -2.17	35.92 2.94 -0.63	38.64 3.29 -1.03	39.39 3.15 0.00	40.68 3.22 0.00	43.61 3.22 -0.09	43.09 3.30 0.00	47.89 3.75 -0.02	50.65 3.93 -0.50	56.17 4.40 0.00	69.75 5.56 -5.75	72.54 6.05 -2.16	67.39 5.62 -0.01	60.02 4.55 -0.01	55.15 4.04 0.00	45.20 3.96 -0.01	41.64 3.37 0.00	39.17 3.30 0.00
KEDC_PORT_JEFF_GT3 24211	38.68 2.89 -5.05	36.44 2.55 -4.87	32.81 2.32 -3.77	31.56 2.28 -3.41	31.10 2.23 -2.89	33.14 2.33 -3.12	34.24 2.67 -2.17	35.92 2.94 -0.63	38.64 3.29 -1.03	39.39 3.15 0.00	40.68 3.22 0.00	43.61 3.22 -0.09	43.09 3.30 0.00	47.89 3.75 -0.02	50.65 3.93 -0.50	56.17 4.40 0.00	69.75 5.56 -5.75	72.54 6.05 -2.16	67.39 5.62 -0.01	60.02 4.55 -0.01	55.15 4.04 0.00	45.20 3.96 -0.01	41.64 3.37 0.00	39.17 3.30 0.00
KEDC_GLWD_GT4 24219	38.80 3.01 -5.05	36.50 2.61 -4.87	32.86 2.38 -3.77	31.56 2.28 -3.41	31.10 2.23 -2.89	33.17 2.35 -3.12	34.30 2.73 -2.17	36.11 3.14 -0.63	38.85 3.50 -1.03	39.68 3.44 0.00	41.20 3.74 0.00	44.67 3.47 -0.91	43.29 3.50 0.00	48.36 4.01 -0.23	55.42 4.16 -5.03	56.85 5.08 0.00	122.42 6.02 -57.95	92.41 6.50 -21.58	67.69 5.93 0.00	60.28 4.82 0.00	55.35 4.24 0.00	45.01 3.79 0.00	41.94 3.67 0.00	39.20 3.34 0.00
KEDC_GLWD_GT5 24220	38.80 3.01 -5.05	36.50 2.61 -4.87	32.86 2.38 -3.77	31.56 2.28 -3.41	31.10 2.23 -2.89	33.17 2.35 -3.12	34.30 2.73 -2.17	36.11 3.14 -0.63	38.85 3.50 -1.03	39.68 3.44 0.00	41.20 3.74 0.00	44.67 3.47 -0.91	43.29 3.50 0.00	48.36 4.01 -0.23	55.42 4.16 -5.03	56.85 5.08 0.00	122.42 6.02 -57.95	92.41 6.50 -21.58	67.69 5.93 0.00	60.28 4.82 0.00	55.35 4.24 0.00	45.01 3.79 0.00	41.94 3.67 0.00	39.20 3.34 0.00

KENSICO____ 23655	32.83 2.09 0.00	30.91 1.89 0.00	28.45 1.74 0.00	27.56 1.68 0.00	27.62 1.64 0.00	29.38 1.69 0.00	31.34 1.94 0.00	34.68 2.33 0.00	36.79 2.47 0.00	39.10 2.86 0.00	40.30 2.85 0.00	43.20 2.90 0.00	42.65 2.86 0.00	47.12 3.00 0.00	49.60 3.37 0.00	55.87 4.09 0.00	63.12 4.68 0.00	69.42 5.08 0.00	66.45 4.69 0.00	59.40 3.94 0.00	54.53 3.42 0.00	44.23 3.01 0.00	40.87 2.60 0.00	38.27 2.40 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	32.52 1.78 0.00	30.67 1.65 0.00	28.21 1.50 0.00	27.35 1.47 0.00	27.41 1.43 0.00	29.13 1.44 0.00	31.07 1.68 0.00	34.26 1.91 0.00	36.38 2.06 0.00	38.63 2.39 0.00	39.81 2.36 0.00	42.71 2.42 0.00	42.21 2.43 0.00	46.63 2.51 0.00	49.23 3.00 0.00	55.50 3.73 0.00	62.77 4.32 0.00	69.29 4.95 0.00	66.45 4.69 0.00	59.45 3.99 0.00	54.33 3.22 0.00	43.90 2.68 0.00	40.56 2.30 0.00	37.88 2.01 0.00
KIAC_JFK_GT1 23816	33.02 2.27 0.00	31.05 2.03 0.00	28.70 1.98 0.00	27.76 1.89 0.00	27.77 1.79 0.00	29.60 1.91 0.00	31.48 2.09 0.00	35.04 2.69 0.00	37.24 2.92 0.00	39.54 3.30 0.00	40.78 3.33 0.00	43.72 3.43 0.00	43.17 3.38 0.00	47.65 3.53 0.00	50.20 3.98 0.00	56.66 4.87 -0.02	63.90 5.44 -0.02	70.33 5.98 -0.02	67.21 5.43 -0.02	60.08 4.60 -0.02	55.15 4.04 -0.01	44.73 3.50 0.00	41.25 2.98 0.00	38.52 2.65 0.00
KIAC_JFK_GT2 23817	33.02 2.27 0.00	31.05 2.03 0.00	28.70 1.98 0.00	27.76 1.89 0.00	27.77 1.79 0.00	29.60 1.91 0.00	31.48 2.09 0.00	35.04 2.69 0.00	37.24 2.92 0.00	39.54 3.30 0.00	40.78 3.33 0.00	43.72 3.43 0.00	43.17 3.38 0.00	47.65 3.53 0.00	50.20 3.98 0.00	56.66 4.87 -0.02	63.90 5.44 -0.02	70.33 5.98 -0.02	67.21 5.43 -0.02	60.08 4.60 -0.02	55.15 4.04 -0.01	44.73 3.50 0.00	41.25 2.98 0.00	38.52 2.65 0.00
KIAC_JFK____ 323774	33.20 2.46 0.00	31.05 2.03 0.00	28.70 1.98 0.00	27.76 1.89 0.00	27.77 1.79 0.00	29.60 1.91 0.00	31.60 2.21 0.00	35.03 2.68 0.00	37.34 3.02 0.00	39.21 2.97 0.00	40.75 3.30 0.00	43.68 3.39 0.00	43.13 3.34 0.00	47.65 3.53 0.00	50.15 3.93 0.00	56.66 4.87 -0.02	63.90 5.44 -0.02	70.33 5.98 -0.02	67.15 5.37 -0.02	60.08 4.60 -0.02	55.15 4.04 -0.01	44.73 3.50 0.00	41.52 3.25 0.00	38.49 2.62 0.00
KINTIGH____ 23543	30.96 0.22 0.00	28.76 -0.26 0.00	26.24 -0.48 0.00	25.23 -0.65 0.00	25.41 -0.57 0.00	27.22 -0.47 0.00	28.96 -0.44 0.00	31.02 -1.33 0.00	33.70 -0.62 0.00	35.66 -0.58 0.00	37.34 -0.11 0.00	40.90 0.60 0.00	40.78 0.99 0.00	45.79 1.68 0.00	47.34 1.11 0.00	53.38 1.61 0.00	60.72 2.28 0.00	66.97 2.64 0.00	63.80 2.04 0.00	57.79 2.33 0.00	53.25 2.15 0.00	42.01 0.78 0.00	39.68 1.42 0.00	36.37 0.50 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	30.37 -0.37 0.00	28.90 -0.12 0.00	26.58 -0.13 0.00	25.74 -0.13 0.00	26.03 0.05 0.00	27.88 0.19 0.00	29.81 0.41 0.00	32.58 0.23 0.00	34.28 -0.03 0.00	36.28 0.04 0.00	37.56 0.11 0.00	40.30 0.00 0.00	39.87 0.08 0.00	44.29 0.18 0.00	45.90 -0.32 0.00	50.53 -1.24 0.00	56.52 -1.93 0.00	58.91 -2.51 2.91	58.74 -2.59 0.43	52.73 -2.72 0.01	49.52 -1.58 0.00	40.36 -0.87 0.00	37.31 -0.96 0.00	35.58 -0.29 0.00
LACHUTE__HYDRO 323717	34.49 3.75 0.00	32.65 3.63 0.00	29.92 3.20 0.00	28.93 3.05 0.00	29.15 3.17 0.00	31.24 3.55 0.00	33.01 3.61 0.00	36.30 3.95 0.00	38.57 4.25 0.00	40.55 4.31 0.00	41.68 4.23 0.00	45.17 4.87 0.00	44.24 4.46 0.00	49.01 4.90 0.00	50.99 4.76 0.00	57.52 5.75 0.00	64.99 6.54 0.00	72.31 7.98 0.00	70.78 9.02 0.00	63.77 8.32 0.00	59.13 8.02 0.00	47.32 6.10 0.00	43.32 5.05 0.00	40.10 4.23 0.00
LAWRNCV_115KV_TB1 80681	29.45 -1.29 0.00	27.95 -1.07 0.00	25.73 -0.99 0.00	24.92 -0.96 0.00	25.07 -0.91 0.00	26.80 -0.89 0.00	28.54 -0.85 0.00	31.54 -0.81 0.00	33.15 -1.17 0.00	34.99 -1.34 -0.09	36.07 -1.39 0.00	38.56 -1.73 0.00	38.08 -1.71 0.00	42.22 -1.90 0.00	44.29 -1.94 0.00	49.19 -2.59 0.00	54.59 -3.86 0.00	57.44 -4.44 2.46	57.26 -4.14 0.36	52.05 -3.66 -0.25	48.37 -3.02 -0.28	38.95 -2.35 -0.08	36.39 -1.91 -0.04	34.47 -1.40 0.00
LEDERLE____ 23769	32.68 1.94 0.00	30.79 1.77 0.00	28.37 1.66 0.00	27.45 1.58 0.00	27.51 1.53 0.00	29.30 1.61 0.00	31.19 1.79 0.00	34.49 2.14 0.00	36.58 2.27 0.00	38.89 2.65 0.00	40.11 2.66 0.00	43.04 2.74 0.00	42.49 2.71 0.00	46.98 2.87 0.00	49.46 3.24 0.00	55.76 3.99 0.00	63.00 4.56 0.00	69.35 5.02 0.00	66.39 4.63 0.00	59.29 3.83 0.00	54.38 3.27 0.00	44.07 2.84 0.00	40.71 2.45 0.00	38.09 2.22 0.00
LIGHTHSE_115KV_TB6 355974	30.59 -0.15 0.00	28.82 -0.20 0.00	26.45 -0.27 0.00	25.59 -0.28 0.00	25.69 -0.29 0.00	27.55 -0.14 0.00	29.28 -0.12 0.00	32.09 -0.26 0.00	34.04 -0.27 0.00	36.73 -0.33 -0.81	37.11 -0.34 0.00	40.09 -0.20 0.00	39.63 -0.16 0.00	44.03 -0.09 0.00	46.00 -0.23 0.00	51.62 -0.16 0.00	58.33 -0.12 0.00	64.12 0.00 0.21	61.85 0.12 0.03	58.08 0.39 -2.23	53.86 0.36 -2.40	41.95 0.04 -0.69	38.68 0.08 -0.34	35.76 -0.11 0.00
LINDEN COGEN____ 23786	33.14 2.40 0.00	30.99 1.97 0.00	28.51 1.79 0.00	27.58 1.71 0.00	27.62 1.64 0.00	29.44 1.75 0.00	31.54 2.14 0.00	34.88 2.53 0.00	37.17 2.85 0.00	39.03 2.79 0.00	40.48 3.03 0.00	43.32 3.02 0.00	42.69 2.90 0.00	42.19 3.00 4.93	42.27 3.33 7.29	42.26 4.19 13.71	46.80 4.68 16.32	53.02 5.08 16.40	49.85 4.51 16.42	44.26 3.77 14.97	42.31 3.32 12.12	41.92 2.97 2.27	41.21 2.95 0.00	38.34 2.47 0.00
LINDHRST_69_KV_BK1 356055	38.86 3.07 -5.05	36.70 2.81 -4.87	33.05 2.56 -3.77	31.74 2.46 -3.41	31.29 2.42 -2.89	33.36 2.55 -3.12	34.41 2.85 -2.17	36.31 3.33 -0.63	38.95 3.60 -1.03	40.26 4.02 0.00	41.28 3.82 -0.01	44.36 3.87 -0.19	43.61 3.82 -0.01	48.53 4.37 -0.05	51.90 4.62 -1.05	57.11 5.33 0.00	77.05 6.55 -12.06	75.97 7.14 -4.49	68.49 6.73 0.00	60.89 5.43 0.00	56.07 4.96 -0.01	45.68 4.45 0.00	41.71 3.44 -0.01	39.46 3.59 0.00
LIPA_MISC_IPP 23656	38.34 2.55 -5.05	36.27 2.38 -4.87	32.68 2.19 -3.77	31.41 2.12 -3.41	30.97 2.10 -2.89	32.97 2.16 -3.12	33.97 2.41 -2.17	35.63 2.65 -0.63	38.23 2.88 -1.03	39.50 3.26 0.00	40.41 2.96 0.00	43.37 2.98 -0.09	42.77 2.98 0.00	47.71 3.57 -0.02	50.45 3.74 -0.48	56.38 4.61 0.00	69.77 5.79 -5.53	72.71 6.30 -2.07	67.88 6.11 -0.01	60.35 4.88 -0.01	55.51 4.40 0.00	45.19 3.96 -0.01	41.18 2.91 0.00	38.92 3.05 0.00
LISF__SOLAR 323691	38.56 2.77 -5.05	36.35 2.47 -4.87	32.73 2.24 -3.77	31.46 2.17 -3.41	31.02 2.16 -2.89	33.03 2.22 -3.12	34.12 2.56 -2.17	35.69 2.72 -0.63	38.40 3.05 -1.03	39.10 2.86 0.00	40.45 3.00 0.00	43.41 3.02 -0.09	42.90 3.11 0.00	47.71 3.57 -0.02	50.51 3.79 -0.49	56.54 4.76 0.00	70.02 5.96 -5.61	73.00 6.57 -2.10	68.07 6.30 -0.01	60.63 5.16 -0.01	55.71 4.60 0.00	45.36 4.12 -0.01	41.64 3.37 0.00	39.10 3.23 0.00

LITTLE FALLS___HYD 24013	30.93 0.18 0.00	29.19 0.17 0.00	26.88 0.16 0.00	26.03 0.16 0.00	26.13 0.16 0.00	27.91 0.22 0.00	29.63 0.24 0.00	32.64 0.29 0.00	34.63 0.31 0.00	36.64 0.40 0.00	37.86 0.41 0.00	40.82 0.52 0.00	40.26 0.48 0.00	44.65 0.53 0.00	46.64 0.42 0.00	52.14 0.36 0.00	58.85 0.41 0.00	64.87 0.39 -0.15	62.21 0.43 -0.02	55.96 0.50 0.00	51.52 0.41 0.00	41.60 0.37 0.00	38.69 0.42 0.00	36.23 0.36 0.00
LITTLRIV_115KV_TB1 356100	29.76 -0.98 0.00	28.24 -0.78 0.00	25.97 -0.75 0.00	25.15 -0.72 0.00	25.33 -0.65 0.00	27.11 -0.58 0.00	28.90 -0.50 0.00	31.96 -0.39 0.00	33.53 -0.79 0.00	35.40 -0.94 -0.10	36.44 -1.01 0.00	38.97 -1.33 0.00	38.51 -1.27 0.00	42.66 -1.46 0.00	44.84 -1.39 0.00	49.70 -2.07 0.00	55.11 -3.33 0.00	58.20 -3.73 2.41	57.95 -3.46 0.35	52.85 -2.88 -0.27	49.11 -2.30 -0.30	39.50 -1.81 -0.09	36.85 -1.45 -0.04	34.86 -1.00 0.00
LI_NEWBRDGE___DRP 323616	38.25 2.46 -5.05	36.12 2.23 -4.87	32.54 2.06 -3.77	31.25 1.97 -3.41	30.79 1.92 -2.89	32.83 2.02 -3.12	33.85 2.29 -2.17	35.69 2.72 -0.63	38.27 2.92 -1.03	39.50 3.26 0.00	40.52 3.07 0.00	43.32 3.02 0.00	42.81 3.02 0.00	47.47 3.35 0.00	49.79 3.56 0.00	56.07 4.30 0.00	63.59 5.14 0.00	69.93 5.60 0.00	66.95 5.19 0.00	59.62 4.16 0.00	54.79 3.68 0.00	44.60 3.38 0.00	40.98 2.72 0.00	38.63 2.76 0.00
LOCKPORT_115KV_TB60_63_64 80432	31.05 0.31 0.00	28.76 -0.26 0.00	26.16 -0.56 0.00	25.15 -0.72 0.00	25.33 -0.65 0.00	27.19 -0.50 0.00	28.93 -0.47 0.00	30.83 -1.52 0.00	33.63 -0.69 0.00	35.59 -0.65 0.00	37.38 -0.07 0.00	41.10 0.81 0.00	41.10 1.31 0.00	46.32 2.21 0.00	47.75 1.53 0.00	53.90 2.12 0.00	61.37 2.92 0.00	67.62 3.28 0.00	64.35 2.59 0.00	58.40 2.94 0.00	53.82 2.71 0.00	42.25 1.03 0.00	40.14 1.88 0.00	36.69 0.82 0.00
LOCKPORT___CC1 323769	30.22 -0.52 0.00	28.64 -0.38 0.00	26.08 -0.64 0.00	25.07 -0.80 0.00	25.22 -0.75 0.00	27.08 -0.61 0.00	28.40 -1.00 0.00	30.67 -1.68 0.00	33.05 -1.27 0.00	35.48 -0.76 0.00	37.49 0.04 0.00	41.02 0.73 0.00	41.02 1.23 0.00	46.15 2.03 0.00	47.48 1.25 0.00	53.64 1.86 0.00	61.08 2.63 0.00	67.30 2.96 0.00	64.35 2.59 0.00	58.07 2.61 0.00	53.56 2.45 0.00	42.05 0.82 0.00	38.80 0.54 0.00	36.55 0.68 0.00
LOCKPORT___CC2 323770	30.22 -0.52 0.00	28.64 -0.38 0.00	26.08 -0.64 0.00	25.07 -0.80 0.00	25.22 -0.75 0.00	27.08 -0.61 0.00	28.40 -1.00 0.00	30.67 -1.68 0.00	33.05 -1.27 0.00	35.48 -0.76 0.00	37.49 0.04 0.00	41.02 0.73 0.00	41.02 1.23 0.00	46.15 2.03 0.00	47.48 1.25 0.00	53.64 1.86 0.00	61.08 2.63 0.00	67.30 2.96 0.00	64.35 2.59 0.00	58.07 2.61 0.00	53.56 2.45 0.00	42.05 0.82 0.00	38.80 0.54 0.00	36.55 0.68 0.00
LOCKPORT___CC3 323771	30.22 -0.52 0.00	28.64 -0.38 0.00	26.08 -0.64 0.00	25.07 -0.80 0.00	25.22 -0.75 0.00	27.08 -0.61 0.00	28.40 -1.00 0.00	30.67 -1.68 0.00	33.05 -1.27 0.00	35.48 -0.76 0.00	37.49 0.04 0.00	41.02 0.73 0.00	41.02 1.23 0.00	46.15 2.03 0.00	47.48 1.25 0.00	53.64 1.86 0.00	61.08 2.63 0.00	67.30 2.96 0.00	64.35 2.59 0.00	58.07 2.61 0.00	53.56 2.45 0.00	42.05 0.82 0.00	38.80 0.54 0.00	36.55 0.68 0.00
LONG_LAKE_PHOENIX 24014	30.53 -0.22 0.00	28.76 -0.26 0.00	26.42 -0.29 0.00	25.54 -0.34 0.00	25.64 -0.34 0.00	27.44 -0.25 0.00	29.10 -0.29 0.00	31.96 -0.39 0.00	34.01 -0.31 0.00	37.05 -0.33 -1.14	37.15 -0.30 0.00	40.13 -0.16 0.00	39.67 -0.12 0.00	44.12 0.00 0.00	46.09 -0.14 0.00	51.72 -0.05 0.00	58.62 0.18 0.00	64.53 0.19 0.00	61.95 0.19 0.00	58.82 0.22 -3.14	54.68 0.20 -3.37	42.15 -0.04 -0.97	38.78 0.04 -0.48	35.62 -0.25 0.00
LOVETT___3 23632	32.49 1.75 0.00	30.64 1.63 0.00	28.24 1.52 0.00	27.35 1.47 0.00	27.41 1.43 0.00	29.16 1.47 0.00	31.04 1.65 0.00	34.29 1.94 0.00	36.38 2.06 0.00	38.67 2.43 0.00	39.85 2.40 0.00	42.71 2.42 0.00	42.17 2.39 0.00	46.63 2.51 0.00	49.09 2.87 0.00	55.30 3.52 0.00	62.48 4.03 0.00	68.71 4.37 0.00	65.84 4.08 0.00	58.79 3.33 0.00	53.97 2.86 0.00	43.74 2.51 0.00	40.45 2.18 0.00	37.84 1.97 0.00
LOVETT___4 23642	32.49 1.75 0.00	30.64 1.63 0.00	28.24 1.52 0.00	27.35 1.47 0.00	27.41 1.43 0.00	29.16 1.47 0.00	31.04 1.65 0.00	34.29 1.94 0.00	36.38 2.06 0.00	38.67 2.43 0.00	39.85 2.40 0.00	42.71 2.42 0.00	42.17 2.39 0.00	46.63 2.51 0.00	49.09 2.87 0.00	55.30 3.52 0.00	62.48 4.03 0.00	68.71 4.37 0.00	65.84 4.08 0.00	58.79 3.33 0.00	53.97 2.86 0.00	43.74 2.51 0.00	40.45 2.18 0.00	37.84 1.97 0.00
LOVETT___5 23593	32.49 1.75 0.00	30.64 1.63 0.00	28.24 1.52 0.00	27.35 1.47 0.00	27.41 1.43 0.00	29.16 1.47 0.00	31.04 1.65 0.00	34.29 1.94 0.00	36.38 2.06 0.00	38.67 2.43 0.00	39.85 2.40 0.00	42.71 2.42 0.00	42.17 2.39 0.00	46.63 2.51 0.00	49.09 2.87 0.00	55.30 3.52 0.00	62.48 4.03 0.00	68.71 4.37 0.00	65.84 4.08 0.00	58.79 3.33 0.00	53.97 2.86 0.00	43.74 2.51 0.00	40.45 2.18 0.00	37.84 1.97 0.00
LOWER RAQUET___HYD 24057	29.33 -1.41 0.00	27.80 -1.22 0.00	25.60 -1.12 0.00	24.79 -1.09 0.00	24.94 -1.04 0.00	26.67 -1.02 0.00	28.45 -0.94 0.00	31.41 -0.94 0.00	33.01 -1.30 0.00	35.08 -1.27 -0.11	35.88 -1.57 0.00	38.40 -1.89 0.00	37.92 -1.87 0.00	42.00 -2.12 0.00	44.19 -2.03 0.00	48.98 -2.80 0.00	54.35 -4.09 0.00	57.29 -4.69 2.35	56.97 -4.45 0.35	51.92 -3.83 -0.29	48.26 -3.17 -0.32	38.80 -2.52 -0.09	36.47 -1.84 -0.05	34.29 -1.58 0.00
LOWER___HUDSON 24059	32.28 1.54 0.00	30.44 1.42 0.00	28.05 1.34 0.00	27.19 1.32 0.00	27.28 1.30 0.00	29.02 1.33 0.00	30.81 1.41 0.00	33.84 1.49 0.00	35.90 1.58 0.00	37.76 1.52 0.00	39.06 1.61 0.00	41.95 1.65 0.00	41.30 1.51 0.00	45.75 1.63 0.00	47.98 1.76 0.00	53.79 2.02 0.00	60.90 2.45 0.00	67.16 2.83 0.00	64.73 2.96 0.00	58.07 2.61 0.00	53.61 2.50 0.00	43.24 2.02 0.00	40.06 1.80 0.00	37.44 1.58 0.00
LOWVILLE_115KV_TB2 356335	30.96 0.22 0.00	29.25 0.23 0.00	26.85 0.13 0.00	25.98 0.10 0.00	26.11 0.13 0.00	28.02 0.33 0.00	29.84 0.44 0.00	32.87 0.52 0.00	34.70 0.38 0.00	36.85 0.36 -0.24	37.79 0.34 0.00	40.74 0.44 0.00	40.22 0.44 0.00	44.69 0.57 0.00	46.78 0.55 0.00	52.29 0.52 0.00	59.03 0.58 0.00	64.53 0.77 0.58	62.66 0.99 0.08	57.46 1.33 -0.67	53.11 1.28 -0.72	42.30 0.87 -0.21	39.06 0.69 -0.10	36.37 0.50 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	32.89 2.15 0.00	31.11 2.09 0.00	28.62 1.90 0.00	27.68 1.81 0.00	27.82 1.84 0.00	29.66 1.97 0.00	31.42 2.03 0.00	34.58 2.23 0.00	36.69 2.37 0.00	38.78 2.54 0.00	39.88 2.43 0.00	42.96 2.66 0.00	42.21 2.43 0.00	46.76 2.65 0.00	48.91 2.68 0.00	54.99 3.21 0.00	62.19 3.74 0.00	68.77 4.44 0.00	66.58 4.82 0.00	59.84 4.38 0.00	55.30 4.19 0.00	44.48 3.26 0.00	40.98 2.72 0.00	38.27 2.40 0.00

LUTHERNY_35_KV_BK2 355980	32.89 2.15 0.00	31.11 2.09 0.00	28.64 1.92 0.00	27.71 1.84 0.00	27.85 1.87 0.00	29.68 1.99 0.00	31.42 2.03 0.00	34.58 2.23 0.00	36.69 2.37 0.00	38.78 2.54 0.00	39.88 2.43 0.00	43.00 2.70 0.00	42.25 2.47 0.00	46.81 2.69 0.00	48.95 2.73 0.00	55.04 3.26 0.00	62.24 3.80 0.00	68.84 4.50 0.00	66.64 4.88 0.00	59.90 4.44 0.00	55.35 4.24 0.00	44.52 3.30 0.00	41.02 2.76 0.00	38.31 2.44 0.00
LWR___OSWEGATCHIE_HYD 23850	29.91 -0.83 0.00	28.32 -0.70 0.00	26.02 -0.69 0.00	25.20 -0.67 0.00	25.33 -0.65 0.00	27.16 -0.53 0.00	28.93 -0.47 0.00	31.93 -0.42 0.00	33.60 -0.72 0.00	35.65 -0.80 -0.21	36.59 -0.86 0.00	39.33 -0.97 0.00	38.79 -0.99 0.00	43.06 -1.06 0.00	45.12 -1.11 0.00	50.27 -1.50 0.00	56.34 -2.10 0.00	60.46 -2.32 1.56	59.49 -2.04 0.23	54.54 -1.50 -0.58	50.56 -1.18 -0.62	40.37 -1.03 -0.18	37.44 -0.92 -0.09	35.08 -0.79 0.00
LYONS_FALL_HYD 23570	31.23 0.49 0.00	29.51 0.49 0.00	27.09 0.37 0.00	26.21 0.34 0.00	26.34 0.36 0.00	28.24 0.55 0.00	30.01 0.62 0.00	33.13 0.78 0.00	35.00 0.69 0.00	37.14 0.72 -0.18	38.20 0.75 0.00	41.22 0.93 0.00	40.70 0.92 0.00	45.17 1.06 0.00	47.34 1.11 0.00	52.97 1.19 0.00	59.85 1.40 0.00	65.62 1.61 0.32	63.44 1.73 0.05	57.83 1.89 -0.49	53.37 1.74 -0.52	42.65 1.28 -0.15	39.33 0.99 -0.07	36.66 0.79 0.00
MADISON___COUNTY_LFGE 323628	31.85 1.11 0.00	30.04 1.02 0.00	27.57 0.85 0.00	26.65 0.78 0.00	26.76 0.78 0.00	28.69 1.00 0.00	30.48 1.09 0.00	33.61 1.26 0.00	35.59 1.27 0.00	37.91 1.49 -0.19	38.99 1.54 0.00	42.11 1.81 0.00	41.62 1.83 0.00	46.23 2.12 0.00	48.45 2.22 0.00	54.26 2.49 0.00	61.43 2.98 0.00	67.68 3.35 0.00	65.10 3.34 0.00	59.19 3.22 -0.51	54.57 2.91 -0.55	43.53 2.14 -0.16	40.26 1.91 -0.08	37.37 1.51 0.00
MALONE___115KV_TB1 356076	29.97 -0.77 0.00	28.47 -0.55 0.00	26.21 -0.51 0.00	25.41 -0.47 0.00	25.61 -0.36 0.00	27.39 -0.30 0.00	29.25 -0.15 0.00	32.25 -0.10 0.00	33.91 -0.41 0.00	35.84 -0.40 0.00	37.04 -0.41 0.00	39.73 -0.56 0.00	39.27 -0.52 0.00	43.59 -0.53 0.00	45.53 -0.69 0.00	50.38 -1.40 0.00	56.28 -2.16 0.00	58.89 -2.70 0.00	58.70 -2.66 0.40	52.90 -2.55 0.01	49.42 -1.69 0.00	40.03 -1.20 0.00	37.08 -1.19 0.00	35.19 -0.68 0.00
MAPLEWOD_115KV_TB3 80458	31.97 1.23 0.00	30.21 1.19 0.00	27.87 1.15 0.00	26.99 1.11 0.00	27.07 1.09 0.00	28.80 1.11 0.00	30.51 1.12 0.00	33.58 1.23 0.00	35.62 1.30 0.00	37.65 1.41 0.00	38.84 1.39 0.00	41.87 1.57 0.00	41.26 1.47 0.00	45.75 1.63 0.00	47.94 1.71 0.00	53.59 1.81 0.00	60.61 2.16 0.00	66.84 2.51 0.00	64.35 2.59 0.00	57.73 2.27 0.00	53.20 2.10 0.00	42.91 1.69 0.00	39.68 1.42 0.00	37.16 1.29 0.00
MAPLE_RIDGE_WT_1 323574	29.57 -1.17 0.00	27.98 -1.04 0.00	25.81 -0.91 0.00	25.02 -0.85 0.00	25.15 -0.83 0.00	26.83 -0.86 0.00	28.57 -0.82 0.00	31.54 -0.81 0.00	33.43 -0.89 0.00	35.41 -0.83 0.00	36.48 -0.97 0.00	39.17 -1.13 0.00	38.63 -1.16 0.00	42.75 -1.37 0.00	44.79 -1.43 0.00	49.86 -1.91 0.00	55.99 -2.45 0.00	56.98 -2.76 4.59	58.49 -2.59 0.67	53.23 -2.22 0.01	49.22 -1.89 0.00	39.70 -1.52 0.00	36.92 -1.34 0.00	34.76 -1.11 0.00
MAPLE_RIDGE_WT_2 323611	29.57 -1.17 0.00	27.98 -1.04 0.00	25.81 -0.91 0.00	25.02 -0.85 0.00	25.15 -0.83 0.00	26.83 -0.86 0.00	28.57 -0.82 0.00	31.54 -0.81 0.00	33.43 -0.89 0.00	35.41 -0.83 0.00	36.48 -0.97 0.00	39.17 -1.13 0.00	38.63 -1.16 0.00	42.75 -1.37 0.00	44.79 -1.43 0.00	49.86 -1.91 0.00	55.99 -2.45 0.00	56.98 -2.76 4.59	58.49 -2.59 0.67	53.23 -2.22 0.01	49.22 -1.89 0.00	39.70 -1.52 0.00	36.92 -1.34 0.00	34.76 -1.11 0.00
MARBLE_RIVER_WT_PWR 323696	30.04 -0.71 0.00	28.53 -0.49 0.00	26.26 -0.45 0.00	25.43 -0.44 0.00	25.67 -0.31 0.00	27.44 -0.25 0.00	29.31 -0.09 0.00	32.13 -0.22 0.00	33.87 -0.45 0.00	35.99 -0.25 0.00	37.04 -0.41 0.00	39.73 -0.56 0.00	39.27 -0.52 0.00	43.59 -0.53 0.00	45.81 -0.42 0.00	50.12 -1.66 0.00	56.05 -2.40 0.00	58.51 -2.89 2.93	58.43 -2.90 0.43	52.51 -2.94 0.01	49.01 -2.10 0.00	39.86 -1.36 0.00	37.04 -1.23 0.00	35.15 -0.72 0.00
MARSHVLE_115KV_TB1 80742	33.85 3.10 0.00	31.95 2.93 0.00	29.31 2.59 0.00	28.38 2.51 0.00	28.58 2.60 0.00	30.60 2.91 0.00	32.42 3.03 0.00	35.46 3.11 0.00	37.41 3.09 0.00	39.32 3.08 0.00	40.48 3.03 0.00	43.72 3.43 0.00	43.09 3.30 0.00	47.87 3.75 0.00	50.16 3.93 0.00	56.12 4.35 0.00	63.53 5.08 0.00	70.64 6.30 0.00	69.05 7.29 0.00	62.61 7.15 0.00	57.70 6.59 0.00	46.21 4.99 0.00	42.67 4.40 0.00	39.53 3.66 0.00
MARSH_HILL_WT_PWR 323713	31.48 0.74 0.00	29.69 0.67 0.00	27.14 0.43 0.00	26.11 0.23 0.00	26.26 0.29 0.00	28.30 0.61 0.00	29.78 0.38 0.00	32.51 0.16 0.00	34.76 0.44 0.00	37.13 0.76 -0.13	38.84 1.39 0.00	42.31 2.01 0.00	42.09 2.31 0.00	47.12 3.00 0.00	48.77 2.54 0.00	55.04 3.26 0.00	62.71 4.26 0.00	69.36 5.02 0.00	66.76 5.00 0.00	60.69 4.88 -0.35	55.88 4.40 -0.38	44.05 2.72 -0.11	40.61 2.30 -0.05	37.73 1.86 0.00
MCINTYRE_115KV_TB2 80467	30.06 -0.68 0.00	28.56 -0.46 0.00	26.26 -0.45 0.00	25.43 -0.44 0.00	25.61 -0.36 0.00	27.41 -0.28 0.00	29.22 -0.18 0.00	32.25 -0.10 0.00	33.80 -0.51 0.00	35.55 -0.69 0.00	36.66 -0.79 0.00	39.25 -1.05 0.00	38.75 -1.03 0.00	42.93 -1.19 0.00	45.16 -1.06 0.00	50.07 -1.71 0.00	55.58 -2.86 0.00	58.63 -3.22 2.49	58.49 -2.90 0.37	53.12 -2.33 0.01	49.37 -1.74 0.00	39.82 -1.40 0.00	37.19 -1.07 0.00	35.26 -0.61 0.00
MECO_____69_KV_BK1 80468	35.26 4.52 0.00	33.34 4.32 0.00	30.46 3.74 0.00	29.47 3.60 0.00	29.72 3.74 0.00	31.90 4.21 0.00	33.86 4.47 0.00	37.27 4.92 0.00	39.50 5.18 0.00	41.64 5.40 0.00	42.88 5.43 0.00	46.42 6.12 0.00	45.67 5.89 0.00	50.91 6.79 0.00	53.02 6.80 0.00	59.85 8.08 0.00	67.68 9.23 0.00	75.53 11.19 0.00	73.50 11.73 0.00	66.22 10.76 0.00	60.92 9.81 0.00	48.56 7.34 0.00	44.50 6.24 0.00	41.14 5.27 0.00
MENANDS___115KV_TB5 355628	31.72 0.98 0.00	30.01 0.99 0.00	27.68 0.96 0.00	26.83 0.96 0.00	26.91 0.94 0.00	28.60 0.91 0.00	30.34 0.94 0.00	33.35 1.00 0.00	35.35 1.03 0.00	37.40 1.16 0.00	38.57 1.12 0.00	41.42 1.13 0.00	40.82 1.03 0.00	45.26 1.15 0.00	47.48 1.25 0.00	53.17 1.40 0.00	60.14 1.69 0.00	66.26 1.93 0.00	63.80 2.04 0.00	57.18 1.72 0.00	52.69 1.58 0.00	42.58 1.36 0.00	39.37 1.11 0.00	36.91 1.04 0.00
MG INDUSTRY___DRP 24185	31.76 1.01 0.00	30.04 1.02 0.00	27.71 0.99 0.00	26.86 0.98 0.00	26.97 0.99 0.00	28.66 0.97 0.00	30.34 0.94 0.00	33.26 0.91 0.00	35.25 0.93 0.00	37.25 1.01 0.00	38.42 0.97 0.00	41.22 0.93 0.00	40.66 0.88 0.00	45.04 0.93 0.00	47.24 1.02 0.00	52.97 1.19 0.00	59.85 1.40 0.00	66.01 1.67 0.00	63.49 1.73 0.00	56.96 1.50 0.00	52.44 1.33 0.00	42.42 1.20 0.00	39.30 1.03 0.00	36.80 0.93 0.00

MID___OSWEGATCHIE_HYD 23849	29.91 -0.83 0.00	28.32 -0.70 0.00	26.02 -0.69 0.00	25.20 -0.67 0.00	25.33 -0.65 0.00	27.16 -0.53 0.00	28.93 -0.47 0.00	31.93 -0.42 0.00	33.60 -0.72 0.00	35.65 -0.80 -0.21	36.59 -0.86 0.00	39.33 -0.97 0.00	38.79 -0.99 0.00	43.06 -1.06 0.00	45.12 -1.11 0.00	50.27 -1.50 0.00	56.34 -2.10 0.00	60.46 -2.32 1.56	59.49 -2.04 0.23	54.54 -1.50 -0.58	50.56 -1.18 -0.62	40.37 -1.03 -0.18	37.44 -0.92 -0.09	35.08 -0.79 0.00
MID___RAQUETTE_HYD 23851	29.30 -1.44 0.00	27.80 -1.22 0.00	25.60 -1.12 0.00	24.79 -1.09 0.00	24.97 -1.01 0.00	26.67 -1.02 0.00	28.43 -0.97 0.00	31.41 -0.94 0.00	33.01 -1.30 0.00	34.86 -1.49 -0.11	35.88 -1.57 0.00	38.40 -1.89 0.00	37.92 -1.87 0.00	42.04 -2.07 0.00	44.10 -2.13 0.00	48.98 -2.80 0.00	54.30 -4.15 0.00	57.28 -4.70 2.35	57.03 -4.39 0.35	51.92 -3.83 -0.29	48.26 -3.17 -0.32	38.80 -2.51 -0.09	36.24 -2.07 -0.05	34.29 -1.58 0.00
MILLIKEN___1 23584	31.72 0.98 0.00	29.83 0.81 0.00	27.39 0.67 0.00	26.44 0.57 0.00	26.58 0.60 0.00	28.49 0.80 0.00	30.25 0.85 0.00	33.22 0.87 0.00	35.35 1.03 0.00	37.79 1.16 -0.39	38.69 1.24 0.00	41.87 1.57 0.00	41.38 1.59 0.00	46.10 1.99 0.00	48.12 1.90 0.00	54.05 2.28 0.00	61.37 2.92 0.00	67.68 3.35 0.00	65.10 3.34 0.00	59.75 3.22 -1.08	55.18 2.91 -1.16	43.58 2.02 -0.33	40.38 1.95 -0.16	37.23 1.36 0.00
MILLIKEN___2 23585	31.72 0.98 0.00	29.83 0.81 0.00	27.39 0.67 0.00	26.44 0.57 0.00	26.58 0.60 0.00	28.49 0.80 0.00	30.25 0.85 0.00	33.22 0.87 0.00	35.35 1.03 0.00	37.79 1.16 -0.39	38.69 1.24 0.00	41.87 1.57 0.00	41.38 1.59 0.00	46.10 1.99 0.00	48.12 1.90 0.00	54.05 2.28 0.00	61.37 2.92 0.00	67.68 3.35 0.00	65.10 3.34 0.00	59.75 3.22 -1.08	55.18 2.91 -1.16	43.58 2.02 -0.33	40.38 1.95 -0.16	37.23 1.36 0.00
MILLIKEN___DIESEL 23629	31.72 0.98 0.00	29.83 0.81 0.00	27.39 0.67 0.00	26.44 0.57 0.00	26.58 0.60 0.00	28.49 0.80 0.00	30.25 0.85 0.00	33.22 0.87 0.00	35.35 1.03 0.00	37.79 1.16 -0.39	38.69 1.24 0.00	41.87 1.57 0.00	41.38 1.59 0.00	46.10 1.99 0.00	48.12 1.90 0.00	54.05 2.28 0.00	61.37 2.92 0.00	67.68 3.35 0.00	65.10 3.34 0.00	59.75 3.22 -1.08	55.18 2.91 -1.16	43.58 2.02 -0.33	40.38 1.95 -0.16	37.23 1.36 0.00
MILLSEAT___LFGE 323607	30.90 0.15 0.00	29.25 0.23 0.00	26.64 -0.08 0.00	25.59 -0.28 0.00	25.80 -0.18 0.00	27.72 0.03 0.00	29.10 -0.29 0.00	31.61 -0.74 0.00	33.94 -0.38 0.00	36.42 0.18 0.00	38.46 1.01 0.00	42.07 1.77 0.00	42.05 2.27 0.00	47.25 3.13 0.00	48.68 2.45 0.00	54.83 3.05 0.00	62.47 4.03 0.00	68.90 4.57 0.00	66.02 4.26 0.00	59.56 4.10 0.00	54.99 3.88 0.00	43.20 1.98 0.00	39.72 1.45 0.00	37.27 1.40 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	32.74 2.00 0.00	30.85 1.83 0.00	28.40 1.68 0.00	27.48 1.60 0.00	27.54 1.56 0.00	29.32 1.63 0.00	31.25 1.85 0.00	34.58 2.23 0.00	36.69 2.37 0.00	38.96 2.72 0.00	40.18 2.73 0.00	43.08 2.78 0.00	42.49 2.71 0.00	46.98 2.87 0.00	49.46 3.24 0.00	55.71 3.93 0.00	62.95 4.50 0.00	69.22 4.89 0.00	66.33 4.57 0.00	59.23 3.77 0.00	54.38 3.27 0.00	44.11 2.89 0.00	40.75 2.49 0.00	38.16 2.30 0.00
MILLWOOD_13_KV_LOAD 356217	32.89 2.15 0.00	30.96 1.94 0.00	28.51 1.79 0.00	27.58 1.71 0.00	27.64 1.66 0.00	29.44 1.74 0.00	31.40 2.00 0.00	34.71 2.36 0.00	36.86 2.54 0.00	39.14 2.90 0.00	40.37 2.92 0.00	43.28 2.98 0.00	42.73 2.94 0.00	47.25 3.13 0.00	49.79 3.56 0.00	56.12 4.35 0.00	63.41 4.97 0.00	69.74 5.40 0.00	66.83 5.06 0.00	59.67 4.21 0.00	54.74 3.63 0.00	44.36 3.13 0.00	40.98 2.72 0.00	38.31 2.44 0.00
MODEL_CITY_ENERGY 24167	30.09 -0.65 0.00	28.55 -0.47 0.00	25.97 -0.75 0.00	24.97 -0.91 0.00	25.15 -0.83 0.00	26.97 -0.72 0.00	28.25 -1.15 0.00	30.47 -1.88 0.00	32.88 -1.44 0.00	35.30 -0.94 0.00	37.30 -0.15 0.00	40.82 0.52 0.00	40.78 1.00 0.00	45.84 1.72 0.00	47.24 1.02 0.00	53.38 1.61 0.00	60.72 2.28 0.00	66.97 2.64 0.00	63.98 2.22 0.00	57.79 2.33 0.00	53.25 2.15 0.00	41.84 0.62 0.00	38.57 0.30 0.00	36.33 0.47 0.00
MODERN_LFGE___ 323580	30.09 -0.65 0.00	28.55 -0.47 0.00	25.97 -0.75 0.00	24.97 -0.91 0.00	25.15 -0.83 0.00	26.97 -0.72 0.00	28.25 -1.15 0.00	30.47 -1.88 0.00	32.88 -1.44 0.00	35.30 -0.94 0.00	37.30 -0.15 0.00	40.82 0.52 0.00	40.78 1.00 0.00	45.84 1.72 0.00	47.24 1.02 0.00	53.38 1.61 0.00	60.72 2.28 0.00	66.97 2.64 0.00	63.98 2.22 0.00	57.79 2.33 0.00	53.25 2.15 0.00	41.84 0.62 0.00	38.57 0.30 0.00	36.33 0.47 0.00
MOHAWK_PAPER___DRP 24187	31.97 1.23 0.00	30.21 1.19 0.00	27.87 1.15 0.00	26.99 1.11 0.00	27.07 1.09 0.00	28.80 1.11 0.00	30.51 1.12 0.00	33.58 1.23 0.00	35.62 1.30 0.00	37.65 1.41 0.00	38.84 1.39 0.00	41.87 1.57 0.00	41.26 1.47 0.00	45.75 1.63 0.00	47.94 1.71 0.00	53.59 1.81 0.00	60.61 2.16 0.00	66.84 2.51 0.00	64.35 2.59 0.00	57.73 2.27 0.00	53.20 2.10 0.00	42.91 1.69 0.00	39.68 1.42 0.00	37.16 1.29 0.00
MOHICAN___35_KV_115KV_LD 80490	32.95 2.21 0.00	31.20 2.18 0.00	28.70 1.98 0.00	27.76 1.89 0.00	27.90 1.92 0.00	29.80 2.10 0.00	31.51 2.12 0.00	34.71 2.36 0.00	36.86 2.54 0.00	38.96 2.72 0.00	39.88 2.43 0.00	43.00 2.70 0.00	42.25 2.47 0.00	46.68 2.56 0.00	48.77 2.54 0.00	54.88 3.11 0.00	62.07 3.62 0.00	68.77 4.44 0.00	67.01 5.25 0.00	60.28 4.82 0.00	55.86 4.75 0.00	44.85 3.63 0.00	41.21 2.95 0.00	38.38 2.51 0.00
MONGAUP___HYD 23641	32.55 1.81 0.00	30.64 1.62 0.00	28.19 1.47 0.00	27.30 1.42 0.00	27.38 1.40 0.00	29.10 1.41 0.00	31.07 1.67 0.00	34.06 1.71 0.00	36.24 1.92 0.00	38.12 1.88 0.00	39.43 1.98 0.00	42.35 2.05 0.00	41.81 2.03 0.00	46.32 2.20 0.00	48.72 2.49 0.00	54.93 3.16 0.00	62.07 3.62 0.00	68.71 4.38 0.00	66.15 4.39 0.00	59.34 3.88 0.00	54.48 3.37 0.00	43.99 2.76 0.00	40.72 2.45 0.00	37.91 2.04 0.00
MONTAUK___DIESEL 23721	39.26 3.47 -5.05	37.05 3.16 -4.87	33.40 2.91 -3.77	32.11 2.82 -3.41	31.65 2.78 -2.89	33.67 2.85 -3.12	34.65 3.09 -2.17	36.44 3.46 -0.63	39.36 4.02 -1.03	40.66 4.42 0.00	41.76 4.31 0.00	44.90 4.51 -0.09	44.21 4.42 0.00	49.52 5.38 -0.02	52.26 5.55 -0.48	58.61 6.83 0.00	72.71 8.71 -5.56	76.13 9.71 -2.08	71.10 9.33 -0.01	63.07 7.60 -0.01	57.91 6.80 0.00	47.17 5.94 -0.01	42.67 4.40 0.00	40.21 4.34 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	32.25 1.51 0.00	29.83 0.81 0.00	27.20 0.48 0.00	26.08 0.21 0.00	26.24 0.26 0.00	28.41 0.72 0.00	30.31 0.91 0.00	32.87 0.52 0.00	35.73 1.41 0.00	37.98 1.74 0.00	39.92 2.47 0.00	43.64 3.34 0.00	43.72 3.94 0.00	49.37 5.25 0.00	50.90 4.67 0.00	57.57 5.80 0.00	65.52 7.07 0.00	72.05 7.72 0.00	68.68 6.92 0.00	62.34 6.88 0.00	57.24 6.13 0.00	45.06 3.83 0.00	42.63 4.36 0.00	38.74 2.87 0.00

MORTIMER_115KV_TB3 55949	31.29 0.55 0.00	29.19 0.17 0.00	26.66 -0.05 0.00	25.69 -0.18 0.00	25.87 -0.10 0.00	27.72 0.03 0.00	29.48 0.09 0.00	31.96 -0.39 0.00	34.46 0.14 0.00	36.49 0.25 0.00	38.12 0.67 0.00	41.59 1.29 0.00	41.38 1.59 0.00	46.32 2.21 0.00	48.08 1.85 0.00	53.95 2.17 0.00	61.31 2.86 0.00	67.62 3.28 0.00	64.66 2.90 0.00	58.34 2.88 0.00	53.87 2.76 0.00	42.67 1.44 0.00	39.99 1.72 0.00	36.69 0.82 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	33.05 2.31 0.00	31.11 2.09 0.00	28.62 1.90 0.00	27.71 1.84 0.00	27.75 1.77 0.00	29.55 1.86 0.00	31.51 2.12 0.00	34.94 2.59 0.00	37.10 2.78 0.00	39.39 3.15 0.00	40.63 3.18 0.00	43.52 3.22 0.00	42.93 3.14 0.00	47.38 3.26 0.00	49.88 3.65 0.00	56.28 4.50 0.00	63.41 4.97 0.00	69.74 5.40 0.00	66.70 4.94 0.00	59.62 4.16 0.00	54.79 3.68 0.00	44.48 3.26 0.00	41.14 2.87 0.00	38.52 2.65 0.00
MUNSVILLE_WIND_PWR 323609	33.20 2.46 0.00	31.37 2.35 0.00	28.72 2.00 0.00	27.71 1.84 0.00	27.90 1.92 0.00	30.18 2.49 0.00	32.10 2.70 0.00	35.43 3.07 0.00	37.34 3.02 0.00	39.86 3.37 -0.25	41.08 3.63 0.00	44.57 4.27 0.00	43.92 4.14 0.00	48.88 4.77 0.00	51.08 4.85 0.00	57.42 5.64 0.00	65.22 6.78 0.00	71.99 7.65 0.00	69.61 7.84 0.00	63.79 7.66 -0.68	58.79 6.95 -0.73	46.63 5.19 -0.21	42.77 4.40 -0.10	39.63 3.77 0.00
N SALMON___HYD 24042	30.00 -0.74 0.00	28.50 -0.52 0.00	26.21 -0.51 0.00	25.41 -0.46 0.00	25.61 -0.36 0.00	27.39 -0.30 0.00	29.28 -0.12 0.00	32.25 -0.10 0.00	33.94 -0.38 0.00	36.06 -0.18 0.00	37.04 -0.41 0.00	39.73 -0.56 0.00	39.27 -0.52 0.00	43.59 -0.53 0.00	45.86 -0.37 0.00	50.38 -1.40 0.00	56.28 -2.16 0.00	58.89 -2.70 2.74	58.70 -2.65 0.40	52.90 -2.55 0.01	49.42 -1.69 0.00	40.03 -1.20 0.00	37.23 -1.03 0.00	35.19 -0.68 0.00
N.AKRON__115KV_KNAPP 355671	31.60 0.86 0.00	29.28 0.26 0.00	26.64 -0.08 0.00	25.62 -0.26 0.00	25.82 -0.16 0.00	27.72 0.03 0.00	29.51 0.12 0.00	31.64 -0.71 0.00	34.39 0.07 0.00	36.42 0.18 0.00	38.24 0.79 0.00	41.95 1.65 0.00	41.93 2.15 0.00	47.25 3.13 0.00	48.72 2.50 0.00	54.83 3.05 0.00	62.48 4.03 0.00	68.90 4.57 0.00	65.78 4.01 0.00	59.62 4.16 0.00	55.04 3.94 0.00	43.20 1.98 0.00	40.87 2.60 0.00	37.30 1.43 0.00
N.BELMOR_69_KV_BK1 55787	38.62 2.83 -5.05	36.44 2.55 -4.87	32.84 2.35 -3.77	31.54 2.25 -3.41	31.08 2.21 -2.89	33.14 2.33 -3.12	34.15 2.59 -2.17	36.05 3.07 -0.63	38.64 3.29 -1.03	39.94 3.70 0.00	41.05 3.60 0.00	44.29 3.59 -0.41	43.37 3.58 0.00	48.19 3.97 -0.10	52.59 4.11 -2.25	56.69 4.92 0.00	90.27 5.90 -25.93	80.42 6.43 -9.65	67.75 5.99 0.00	60.28 4.82 0.00	55.40 4.29 0.00	45.26 4.04 0.00	41.52 3.25 0.00	39.17 3.30 0.00
N.E_GEN_SANDY PD 24062	32.40 1.66 0.00	31.00 1.45 -0.53	30.97 1.39 -2.86	28.30 1.37 -1.06	29.10 1.32 -1.80	30.28 1.33 -1.26	33.30 1.50 -2.41	33.97 1.62 0.00	36.00 1.68 0.00	37.83 1.59 0.00	39.21 1.76 0.00	41.99 1.69 0.00	41.38 1.59 0.00	45.84 1.72 0.00	48.12 1.90 0.00	54.00 2.22 0.00	61.19 2.75 0.00	67.36 3.02 0.00	64.66 2.90 0.00	57.96 2.50 0.00	53.41 2.30 0.00	43.16 1.94 0.00	40.14 1.87 0.00	37.52 1.65 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	32.55 1.81 0.00	30.67 1.65 0.00	28.29 1.58 0.00	27.37 1.50 0.00	27.43 1.45 0.00	29.21 1.52 0.00	31.10 1.70 0.00	34.36 2.01 0.00	36.45 2.13 0.00	38.74 2.50 0.00	39.96 2.51 0.00	42.83 2.54 0.00	42.29 2.51 0.00	46.76 2.65 0.00	49.23 3.00 0.00	55.50 3.73 0.00	62.71 4.27 0.00	68.97 4.63 0.00	66.08 4.32 0.00	59.01 3.55 0.00	54.12 3.02 0.00	43.86 2.64 0.00	40.56 2.30 0.00	37.95 2.08 0.00
N.QUEENS_27_KV_LOAD 356247	33.45 2.71 -0.01	31.49 2.47 -0.01	28.97 2.24 -0.01	28.03 2.15 -0.01	28.06 2.08 -0.01	29.88 2.19 0.00	31.84 2.44 0.00	35.13 2.78 0.00	37.20 2.88 0.00	39.50 3.26 0.00	40.75 3.30 0.00	43.60 3.30 0.00	43.09 3.30 0.00	47.51 3.40 0.00	49.97 3.74 0.00	56.54 4.76 0.00	63.65 5.20 -0.01	70.00 5.66 -0.01	66.95 5.19 0.00	59.79 4.33 -0.01	54.79 3.68 0.00	44.73 3.50 0.00	41.56 3.29 0.00	39.02 3.16 0.00
N.TROY___115KV_TB1 355778	32.19 1.44 0.00	30.44 1.42 0.00	28.05 1.34 0.00	27.19 1.32 0.00	27.28 1.30 0.00	29.02 1.33 0.00	30.78 1.38 0.00	33.84 1.49 0.00	35.86 1.54 0.00	37.91 1.67 0.00	39.10 1.65 0.00	41.95 1.65 0.00	41.30 1.51 0.00	45.75 1.63 0.00	47.98 1.76 0.00	53.79 2.02 0.00	60.90 2.45 0.00	67.17 2.83 0.00	64.73 2.96 0.00	58.07 2.61 0.00	53.61 2.50 0.00	43.24 2.02 0.00	39.99 1.72 0.00	37.45 1.58 0.00
NARROWS_GT1_1 24228	33.49 2.73 -0.02	31.43 2.41 -0.01	28.89 2.16 -0.01	27.95 2.07 -0.01	27.98 2.00 0.00	29.74 2.05 0.00	31.83 2.44 0.00	35.16 2.81 0.00	37.54 3.23 0.00	39.17 2.93 0.00	40.78 3.33 0.00	43.72 3.42 0.00	43.21 3.42 0.00	47.69 3.57 0.00	50.11 3.88 0.00	67.46 4.97 -10.71	66.68 5.37 -2.86	70.19 5.85 0.00	67.01 5.25 0.00	63.82 4.55 -3.81	54.99 3.88 0.00	44.77 3.55 0.00	41.67 3.40 0.00	38.92 3.05 0.00
NARROWS_GT1_2 24229	33.49 2.73 -0.02	31.43 2.41 -0.01	28.89 2.16 -0.01	27.95 2.07 -0.01	27.98 2.00 0.00	29.74 2.05 0.00	31.83 2.44 0.00	35.16 2.81 0.00	37.54 3.23 0.00	39.17 2.93 0.00	40.78 3.33 0.00	43.72 3.42 0.00	43.21 3.42 0.00	47.69 3.57 0.00	50.11 3.88 0.00	67.46 4.97 -10.71	66.68 5.37 -2.86	70.19 5.85 0.00	67.01 5.25 0.00	63.82 4.55 -3.81	54.99 3.88 0.00	44.77 3.55 0.00	41.67 3.40 0.00	38.92 3.05 0.00
NARROWS_GT1_3 24230	33.49 2.73 -0.02	31.43 2.41 -0.01	28.89 2.16 -0.01	27.95 2.07 -0.01	27.98 2.00 0.00	29.74 2.05 0.00	31.83 2.44 0.00	35.16 2.81 0.00	37.54 3.23 0.00	39.17 2.93 0.00	40.78 3.33 0.00	43.72 3.42 0.00	43.21 3.42 0.00	47.69 3.57 0.00	50.11 3.88 0.00	67.46 4.97 -10.71	66.68 5.37 -2.86	70.19 5.85 0.00	67.01 5.25 0.00	63.82 4.55 -3.81	54.99 3.88 0.00	44.77 3.55 0.00	41.67 3.40 0.00	38.92 3.05 0.00
NARROWS_GT1_4 24231	33.49 2.73 -0.02	31.43 2.41 -0.01	28.89 2.16 -0.01	27.95 2.07 -0.01	27.98 2.00 0.00	29.74 2.05 0.00	31.83 2.44 0.00	35.16 2.81 0.00	37.54 3.23 0.00	39.17 2.93 0.00	40.78 3.33 0.00	43.72 3.42 0.00	43.21 3.42 0.00	47.69 3.57 0.00	50.11 3.88 0.00	67.46 4.97 -10.71	66.68 5.37 -2.86	70.19 5.85 0.00	67.01 5.25 0.00	63.82 4.55 -3.81	54.99 3.88 0.00	44.77 3.55 0.00	41.67 3.40 0.00	38.92 3.05 0.00
NARROWS_GT1_5 24232	33.49 2.73 -0.02	31.43 2.41 -0.01	28.89 2.16 -0.01	27.95 2.07 -0.01	27.98 2.00 0.00	29.74 2.05 0.00	31.83 2.44 0.00	35.16 2.81 0.00	37.54 3.23 0.00	39.17 2.93 0.00	40.78 3.33 0.00	43.72 3.42 0.00	43.21 3.42 0.00	47.69 3.57 0.00	50.11 3.88 0.00	67.46 4.97 -10.71	66.68 5.37 -2.86	70.19 5.85 0.00	67.01 5.25 0.00	63.82 4.55 -3.81	54.99 3.88 0.00	44.77 3.55 0.00	41.67 3.40 0.00	38.92 3.05 0.00

NARROWS_GT1_6 24233	33.49 2.73 -0.02	31.43 2.41 -0.01	28.89 2.16 -0.01	27.95 2.07 -0.01	27.98 2.00 0.00	29.74 2.05 0.00	31.83 2.44 0.00	35.16 2.81 0.00	37.54 3.23 0.00	39.17 2.93 0.00	40.78 3.33 0.00	43.72 3.42 0.00	43.21 3.42 0.00	47.69 3.57 0.00	50.11 3.88 0.00	67.46 4.97 -10.71	66.68 5.37 -2.86	70.19 5.85 0.00	67.01 5.25 0.00	63.82 4.55 -3.81	54.99 3.88 0.00	44.77 3.55 0.00	41.67 3.40 0.00	38.92 3.05 0.00
NARROWS_GT1_7 24234	33.49 2.73 -0.02	31.43 2.41 -0.01	28.89 2.16 -0.01	27.95 2.07 -0.01	27.98 2.00 0.00	29.74 2.05 0.00	31.83 2.44 0.00	35.16 2.81 0.00	37.54 3.23 0.00	39.17 2.93 0.00	40.78 3.33 0.00	43.72 3.42 0.00	43.21 3.42 0.00	47.69 3.57 0.00	50.11 3.88 0.00	67.46 4.97 -10.71	66.68 5.37 -2.86	70.19 5.85 0.00	67.01 5.25 0.00	63.82 4.55 -3.81	54.99 3.88 0.00	44.77 3.55 0.00	41.67 3.40 0.00	38.92 3.05 0.00
NARROWS_GT1_8 24235	33.49 2.73 -0.02	31.43 2.41 -0.01	28.89 2.16 -0.01	27.95 2.07 -0.01	27.98 2.00 0.00	29.74 2.05 0.00	31.83 2.44 0.00	35.16 2.81 0.00	37.54 3.23 0.00	39.17 2.93 0.00	40.78 3.33 0.00	43.72 3.42 0.00	43.21 3.42 0.00	47.69 3.57 0.00	50.11 3.88 0.00	67.46 4.97 -10.71	66.68 5.37 -2.86	70.19 5.85 0.00	67.01 5.25 0.00	63.82 4.55 -3.81	54.99 3.88 0.00	44.77 3.55 0.00	41.67 3.40 0.00	38.92 3.05 0.00
NARROWS_GT2_1 24236	33.49 2.73 -0.02	31.43 2.41 -0.01	28.89 2.16 -0.01	27.95 2.07 -0.01	27.98 2.00 0.00	29.74 2.05 0.00	31.83 2.44 0.00	35.16 2.81 0.00	37.54 3.23 0.00	39.17 2.93 0.00	40.78 3.33 0.00	43.72 3.42 0.00	43.21 3.42 0.00	47.69 3.57 0.00	50.11 3.88 0.00	67.46 4.97 -10.71	66.68 5.37 -2.86	70.19 5.85 0.00	67.01 5.25 0.00	63.82 4.55 -3.81	54.99 3.88 0.00	44.77 3.55 0.00	41.67 3.40 0.00	38.92 3.05 0.00
NARROWS_GT2_2 24237	33.49 2.73 -0.02	31.43 2.41 -0.01	28.89 2.16 -0.01	27.95 2.07 -0.01	27.98 2.00 0.00	29.74 2.05 0.00	31.83 2.44 0.00	35.16 2.81 0.00	37.54 3.23 0.00	39.17 2.93 0.00	40.78 3.33 0.00	43.72 3.42 0.00	43.21 3.42 0.00	47.69 3.57 0.00	50.11 3.88 0.00	67.46 4.97 -10.71	66.68 5.37 -2.86	70.19 5.85 0.00	67.01 5.25 0.00	63.82 4.55 -3.81	54.99 3.88 0.00	44.77 3.55 0.00	41.67 3.40 0.00	38.92 3.05 0.00
NARROWS_GT2_3 24238	33.49 2.73 -0.02	31.43 2.41 -0.01	28.89 2.16 -0.01	27.95 2.07 -0.01	27.98 2.00 0.00	29.74 2.05 0.00	31.83 2.44 0.00	35.16 2.81 0.00	37.54 3.23 0.00	39.17 2.93 0.00	40.78 3.33 0.00	43.72 3.42 0.00	43.21 3.42 0.00	47.69 3.57 0.00	50.11 3.88 0.00	67.46 4.97 -10.71	66.68 5.37 -2.86	70.19 5.85 0.00	67.01 5.25 0.00	63.82 4.55 -3.81	54.99 3.88 0.00	44.77 3.55 0.00	41.67 3.40 0.00	38.92 3.05 0.00
NARROWS_GT2_4 24239	33.49 2.73 -0.02	31.43 2.41 -0.01	28.89 2.16 -0.01	27.95 2.07 -0.01	27.98 2.00 0.00	29.74 2.05 0.00	31.83 2.44 0.00	35.16 2.81 0.00	37.54 3.23 0.00	39.17 2.93 0.00	40.78 3.33 0.00	43.72 3.42 0.00	43.21 3.42 0.00	47.69 3.57 0.00	50.11 3.88 0.00	67.46 4.97 -10.71	66.68 5.37 -2.86	70.19 5.85 0.00	67.01 5.25 0.00	63.82 4.55 -3.81	54.99 3.88 0.00	44.77 3.55 0.00	41.67 3.40 0.00	38.92 3.05 0.00
NARROWS_GT2_5 24240	33.49 2.73 -0.02	31.43 2.41 -0.01	28.89 2.16 -0.01	27.95 2.07 -0.01	27.98 2.00 0.00	29.74 2.05 0.00	31.83 2.44 0.00	35.16 2.81 0.00	37.54 3.23 0.00	39.17 2.93 0.00	40.78 3.33 0.00	43.72 3.42 0.00	43.21 3.42 0.00	47.69 3.57 0.00	50.11 3.88 0.00	67.46 4.97 -10.71	66.68 5.37 -2.86	70.19 5.85 0.00	67.01 5.25 0.00	63.82 4.55 -3.81	54.99 3.88 0.00	44.77 3.55 0.00	41.67 3.40 0.00	38.92 3.05 0.00
NARROWS_GT2_6 24241	33.49 2.73 -0.02	31.43 2.41 -0.01	28.89 2.16 -0.01	27.95 2.07 -0.01	27.98 2.00 0.00	29.74 2.05 0.00	31.83 2.44 0.00	35.16 2.81 0.00	37.54 3.23 0.00	39.17 2.93 0.00	40.78 3.33 0.00	43.72 3.42 0.00	43.21 3.42 0.00	47.69 3.57 0.00	50.11 3.88 0.00	67.46 4.97 -10.71	66.68 5.37 -2.86	70.19 5.85 0.00	67.01 5.25 0.00	63.82 4.55 -3.81	54.99 3.88 0.00	44.77 3.55 0.00	41.67 3.40 0.00	38.92 3.05 0.00
NARROWS_GT2_7 24242	33.49 2.73 -0.02	31.43 2.41 -0.01	28.89 2.16 -0.01	27.95 2.07 -0.01	27.98 2.00 0.00	29.74 2.05 0.00	31.83 2.44 0.00	35.16 2.81 0.00	37.54 3.23 0.00	39.17 2.93 0.00	40.78 3.33 0.00	43.72 3.42 0.00	43.21 3.42 0.00	47.69 3.57 0.00	50.11 3.88 0.00	67.46 4.97 -10.71	66.68 5.37 -2.86	70.19 5.85 0.00	67.01 5.25 0.00	63.82 4.55 -3.81	54.99 3.88 0.00	44.77 3.55 0.00	41.67 3.40 0.00	38.92 3.05 0.00
NARROWS_GT2_8 24243	33.49 2.73 -0.02	31.43 2.41 -0.01	28.89 2.16 -0.01	27.95 2.07 -0.01	27.98 2.00 0.00	29.74 2.05 0.00	31.83 2.44 0.00	35.16 2.81 0.00	37.54 3.23 0.00	39.17 2.93 0.00	40.78 3.33 0.00	43.72 3.42 0.00	43.21 3.42 0.00	47.69 3.57 0.00	50.11 3.88 0.00	67.46 4.97 -10.71	66.68 5.37 -2.86	70.19 5.85 0.00	67.01 5.25 0.00	63.82 4.55 -3.81	54.99 3.88 0.00	44.77 3.55 0.00	41.67 3.40 0.00	38.92 3.05 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	32.22 1.48 0.00	30.50 1.48 0.00	28.08 1.36 0.00	27.25 1.37 0.00	27.36 1.38 0.00	29.05 1.36 0.00	30.78 1.38 0.00	33.61 1.26 0.00	35.62 1.30 0.00	37.58 1.34 0.00	38.61 1.16 0.00	41.46 1.17 0.00	40.98 1.19 0.00	45.48 1.37 0.00	47.71 1.48 0.00	53.59 1.81 0.00	60.61 2.16 0.00	67.36 3.02 0.00	65.34 3.58 0.00	58.79 3.33 0.00	54.12 3.02 0.00	43.53 2.31 0.00	40.06 1.80 0.00	37.59 1.72 0.00
NCHELSEA_115KV_TR2 355582	32.80 2.06 0.00	30.91 1.89 0.00	28.45 1.74 0.00	27.56 1.68 0.00	27.64 1.66 0.00	29.38 1.69 0.00	31.42 2.03 0.00	34.65 2.30 0.00	36.82 2.51 0.00	39.14 2.90 0.00	40.37 2.92 0.00	43.28 2.98 0.00	42.81 3.02 0.00	47.34 3.22 0.00	49.88 3.65 0.00	56.28 4.50 0.00	63.18 4.73 0.00	69.61 5.28 0.00	66.76 5.00 0.00	59.67 4.21 0.00	54.69 3.58 0.00	44.23 3.01 0.00	40.87 2.60 0.00	38.20 2.33 0.00
NEG CAPITAL___MECHNVIL 23645	32.92 2.18 0.00	31.08 2.06 0.00	28.59 1.87 0.00	27.66 1.78 0.00	27.80 1.82 0.00	29.63 1.94 0.00	31.42 2.03 0.00	34.55 2.20 0.00	36.68 2.37 0.00	38.59 2.35 0.00	39.88 2.43 0.00	42.95 2.66 0.00	42.25 2.47 0.00	46.81 2.69 0.00	48.95 2.73 0.00	55.04 3.26 0.00	62.30 3.86 0.00	68.84 4.50 0.00	66.58 4.82 0.00	59.84 4.38 0.00	55.25 4.14 0.00	44.44 3.22 0.00	41.06 2.79 0.00	38.27 2.40 0.00
NEG CENTRAL_HIGH_ACRES 23767	30.37 -0.37 0.00	28.73 -0.29 0.00	26.29 -0.43 0.00	25.33 -0.54 0.00	25.51 -0.47 0.00	27.33 -0.36 0.00	28.87 -0.53 0.00	31.64 -0.71 0.00	33.80 -0.51 0.00	36.06 -0.18 0.00	37.75 0.30 0.00	41.02 0.73 0.00	40.74 0.95 0.00	45.49 1.37 0.00	47.20 0.97 0.00	52.97 1.19 0.00	60.26 1.81 0.00	66.39 2.06 0.00	63.68 1.92 0.00	57.23 1.77 0.00	52.85 1.74 0.00	41.92 0.70 0.00	38.65 0.38 0.00	36.05 0.18 0.00

NEG CENTRAL___DRP 24199	31.33 0.58 0.00	29.43 0.41 0.00	26.96 0.24 0.00	26.00 0.13 0.00	26.16 0.18 0.00	28.08 0.39 0.00	29.78 0.38 0.00	32.64 0.29 0.00	34.83 0.51 0.00	37.29 0.65 -0.39	38.27 0.82 0.00	41.54 1.25 0.00	41.18 1.39 0.00	45.93 1.81 0.00	47.85 1.62 0.00	53.74 1.97 0.00	61.13 2.69 0.00	67.42 3.09 0.00	64.66 2.90 0.00	59.32 2.77 -1.08	54.83 2.56 -1.17	43.08 1.53 -0.33	40.04 1.61 -0.17	36.77 0.90 0.00
NEG CENTRAL___INDECK 23768	32.06 1.32 0.00	30.27 1.25 0.00	27.65 0.93 0.00	26.60 0.72 0.00	26.81 0.83 0.00	28.88 1.19 0.00	30.36 0.97 0.00	33.00 0.65 0.00	34.97 0.65 0.00	35.99 -0.25 0.00	37.64 0.19 0.00	41.18 0.89 0.00	40.94 1.15 0.00	45.75 1.63 0.00	47.38 1.16 0.00	53.38 1.61 0.00	60.96 2.51 0.00	67.68 3.34 0.00	65.47 3.71 0.00	59.34 3.88 0.00	54.99 3.88 0.00	43.57 2.35 0.00	40.06 1.80 0.00	37.12 1.25 0.00
NEG CENTRAL___SENECA 23627	31.57 0.83 0.00	29.60 0.58 0.00	27.09 0.37 0.00	26.13 0.26 0.00	26.29 0.31 0.00	28.27 0.58 0.00	29.98 0.59 0.00	32.74 0.39 0.00	35.04 0.72 0.00	37.32 0.87 -0.21	38.57 1.12 0.00	41.95 1.65 0.00	41.66 1.87 0.00	46.59 2.47 0.00	48.45 2.22 0.00	54.47 2.69 0.00	62.01 3.57 0.00	68.45 4.12 0.00	65.65 3.89 0.00	59.75 3.72 -0.57	55.10 3.37 -0.61	43.46 2.06 -0.18	40.50 2.14 -0.09	37.12 1.26 0.00
NEG CENTRAL___STATE_STREET 24147	31.23 0.49 0.00	29.37 0.35 0.00	26.93 0.21 0.00	26.03 0.16 0.00	26.13 0.16 0.00	28.00 0.30 0.00	29.75 0.35 0.00	32.67 0.32 0.00	34.83 0.51 0.00	37.42 0.65 -0.53	38.20 0.75 0.00	41.38 1.09 0.00	40.90 1.11 0.00	45.57 1.46 0.00	47.52 1.29 0.00	53.38 1.61 0.00	60.55 2.10 0.00	66.78 2.44 0.00	64.11 2.35 0.00	59.13 2.22 -1.45	54.66 1.99 -1.56	42.95 1.28 -0.45	39.79 1.30 -0.22	36.66 0.79 0.00
NEG MILLWOOD___DRP 24198	33.08 2.34 0.00	31.14 2.12 0.00	28.64 1.92 0.00	27.74 1.86 0.00	27.80 1.82 0.00	29.57 1.88 0.00	31.66 2.26 0.00	34.97 2.62 0.00	37.17 2.85 0.00	39.50 3.26 0.00	40.78 3.33 0.00	43.72 3.43 0.00	43.25 3.46 0.00	47.87 3.75 0.00	50.48 4.25 0.00	57.00 5.23 0.00	64.17 5.73 0.00	70.64 6.30 0.00	67.75 5.99 0.00	60.45 4.99 0.00	55.35 4.24 0.00	44.73 3.50 0.00	41.29 3.02 0.00	38.56 2.69 0.00
NEG NORTH_FLCN_SEA 23793	30.43 -0.31 0.00	28.96 -0.06 0.00	26.61 -0.11 0.00	25.80 -0.08 0.00	26.08 0.10 0.00	27.94 0.25 0.00	29.84 0.44 0.00	32.48 0.13 0.00	34.22 -0.10 0.00	36.24 0.00 0.00	37.49 0.04 0.00	40.26 -0.04 0.00	39.83 0.04 0.00	44.21 0.09 0.00	45.63 -0.60 0.00	50.22 -1.55 0.00	56.11 -2.34 0.00	58.52 -2.90 2.92	58.31 -3.03 0.43	52.29 -3.16 0.01	49.11 -1.99 0.00	40.15 -1.07 0.00	37.16 -1.11 0.00	35.55 -0.32 0.00
NEG NORTH_KES_CHATEGAY 23792	29.94 -0.80 0.00	28.44 -0.58 0.00	26.18 -0.53 0.00	25.38 -0.49 0.00	25.59 -0.39 0.00	27.36 -0.33 0.00	29.19 -0.21 0.00	32.06 -0.29 0.00	33.77 -0.55 0.00	35.66 -0.58 0.00	36.85 -0.60 0.00	39.57 -0.73 0.00	39.07 -0.72 0.00	43.37 -0.75 0.00	45.26 -0.97 0.00	50.07 -1.71 0.00	56.05 -2.40 0.00	58.63 -2.83 2.88	58.50 -2.84 0.42	52.68 -2.77 0.01	49.11 -1.99 0.00	39.90 -1.32 0.00	36.96 -1.30 0.00	35.12 -0.75 0.00
NEG NORTH___ALICE_FALLS 23915	30.37 -0.37 0.00	28.90 -0.12 0.00	26.58 -0.13 0.00	25.74 -0.13 0.00	26.03 0.05 0.00	27.88 0.19 0.00	29.81 0.41 0.00	32.58 0.23 0.00	34.28 -0.03 0.00	36.28 0.04 0.00	37.56 0.11 0.00	40.30 0.00 0.00	39.87 0.08 0.00	44.29 0.18 0.00	45.90 -0.32 0.00	50.53 -1.24 0.00	56.52 -1.93 0.00	58.91 -2.51 2.91	58.74 -2.59 0.43	52.73 -2.72 0.01	49.52 -1.58 0.00	40.36 -0.87 0.00	37.31 -0.96 0.00	35.58 -0.29 0.00
NEG NORTH___LWR_SARANAC 23913	30.37 -0.37 0.00	28.90 -0.12 0.00	26.58 -0.13 0.00	25.74 -0.13 0.00	26.03 0.05 0.00	27.88 0.19 0.00	29.81 0.41 0.00	32.58 0.23 0.00	34.28 -0.03 0.00	36.28 0.04 0.00	37.56 0.11 0.00	40.30 0.00 0.00	39.87 0.08 0.00	44.29 0.18 0.00	45.90 -0.32 0.00	50.53 -1.24 0.00	56.52 -1.93 0.00	58.91 -2.51 2.91	58.74 -2.59 0.43	52.73 -2.72 0.01	49.52 -1.58 0.00	40.36 -0.87 0.00	37.31 -0.96 0.00	35.58 -0.29 0.00
NEG NORTH___PLATTSBURG 23628	30.40 -0.34 0.00	28.90 -0.12 0.00	26.59 -0.13 0.00	25.75 -0.13 0.00	26.03 0.05 0.00	27.89 0.20 0.00	29.81 0.41 0.00	32.58 0.23 0.00	34.28 -0.03 0.00	36.50 0.26 0.00	37.56 0.11 0.00	40.30 0.00 0.00	39.87 0.08 0.00	44.29 0.18 0.00	46.60 0.37 0.00	50.53 -1.24 0.00	56.52 -1.93 0.00	58.91 -2.51 2.91	58.74 -2.59 0.43	52.73 -2.72 0.01	49.52 -1.58 0.00	40.36 -0.87 0.00	37.42 -0.84 0.00	35.58 -0.29 0.00
NEG WEST_LEA_LOCKPORT 23791	30.93 0.18 0.00	28.64 -0.38 0.00	26.08 -0.64 0.00	25.07 -0.80 0.00	25.23 -0.75 0.00	27.08 -0.61 0.00	28.81 -0.59 0.00	30.70 -1.65 0.00	33.50 -0.82 0.00	35.44 -0.80 0.00	37.23 -0.22 0.00	40.90 0.60 0.00	40.90 1.11 0.00	46.10 1.99 0.00	47.52 1.29 0.00	53.64 1.86 0.00	61.07 2.63 0.00	67.29 2.96 0.00	64.05 2.29 0.00	58.07 2.29 0.00	53.56 2.45 0.00	42.05 0.82 0.00	39.99 1.72 0.00	36.59 0.72 0.00
NEG WEST___LANCASTR 23811	31.45 0.71 0.00	29.11 0.09 0.00	26.50 -0.21 0.00	25.49 -0.39 0.00	25.64 -0.34 0.00	27.61 -0.08 0.00	29.43 0.03 0.00	31.67 -0.68 0.00	34.42 0.10 0.00	36.60 0.36 0.00	38.35 0.90 0.00	41.91 1.61 0.00	41.93 2.15 0.00	47.29 3.18 0.00	48.91 2.68 0.00	55.35 3.57 0.00	63.00 4.56 0.00	69.35 5.02 0.00	66.02 4.26 0.00	59.78 4.33 0.00	54.79 3.68 0.00	43.12 1.90 0.00	40.79 2.53 0.00	37.23 1.36 0.00
NEG_PENN_ALLEGHNY 23528	31.42 0.68 0.00	29.60 0.58 0.00	27.20 0.48 0.00	26.26 0.39 0.00	26.39 0.41 0.00	28.24 0.55 0.00	29.93 0.53 0.00	32.93 0.58 0.00	35.04 0.72 0.00	37.42 0.94 -0.24	38.68 1.23 0.00	41.87 1.57 0.00	41.42 1.63 0.00	46.15 2.03 0.00	48.17 1.94 0.00	54.16 2.38 0.00	61.42 2.98 0.00	67.61 3.28 0.00	64.91 3.15 0.00	58.99 2.88 -0.65	54.31 2.50 -0.70	43.15 1.73 -0.20	39.85 1.49 -0.10	37.02 1.15 0.00
NEG___GEN_MONROE 24207	31.57 0.83 0.00	29.45 0.44 0.00	26.83 0.11 0.00	25.80 -0.08 0.00	26.00 0.03 0.00	27.91 0.22 0.00	29.72 0.32 0.00	32.12 -0.23 0.00	34.56 0.24 0.00	36.64 0.40 0.00	38.35 0.90 0.00	41.91 1.61 0.00	41.74 1.95 0.00	46.76 2.65 0.00	48.45 2.22 0.00	54.36 2.59 0.00	61.78 3.33 0.00	68.19 3.86 0.00	65.34 3.58 0.00	59.06 3.60 0.00	54.58 3.48 0.00	43.16 1.94 0.00	40.52 2.26 0.00	37.23 1.36 0.00
NEPA___ENERGY 23901	31.91 1.17 0.00	29.51 0.49 0.00	26.91 0.19 0.00	25.87 0.00 0.00	26.00 0.03 0.00	28.05 0.36 0.00	29.90 0.50 0.00	32.29 -0.06 0.00	35.04 0.72 0.00	37.33 1.09 0.00	39.06 1.61 0.00	42.75 2.46 0.00	42.73 2.94 0.00	48.18 4.06 0.00	49.79 3.56 0.00	56.33 4.56 0.00	64.17 5.73 0.00	70.58 6.24 0.00	67.13 5.37 0.00	60.78 5.32 0.00	55.71 4.60 0.00	43.86 2.64 0.00	41.44 3.18 0.00	37.70 1.83 0.00

NEVERSINK___HYD 23608	32.03 1.29 0.00	30.09 1.07 0.00	27.71 0.99 0.00	26.83 0.96 0.00	26.89 0.91 0.00	28.60 0.91 0.00	30.57 1.18 0.00	33.61 1.26 0.00	35.76 1.44 0.00	37.69 1.45 0.00	38.99 1.54 0.00	41.87 1.57 0.00	41.38 1.59 0.00	45.79 1.68 0.00	48.26 2.03 0.00	54.41 2.64 0.00	61.48 3.04 0.00	67.87 3.54 0.00	65.09 3.33 0.00	58.29 2.83 0.00	53.41 2.30 0.00	43.12 1.90 0.00	39.95 1.68 0.00	37.23 1.36 0.00
NEWKRMKL_115KV_TB1 55635	31.60 0.86 0.00	29.86 0.84 0.00	27.55 0.83 0.00	26.68 0.80 0.00	26.78 0.81 0.00	28.47 0.78 0.00	30.19 0.79 0.00	33.19 0.84 0.00	35.21 0.89 0.00	37.25 1.01 0.00	38.42 0.97 0.00	41.26 0.97 0.00	40.66 0.88 0.00	45.04 0.93 0.00	47.24 1.02 0.00	52.97 1.19 0.00	59.85 1.40 0.00	66.01 1.67 0.00	63.49 1.73 0.00	56.96 1.50 0.00	52.49 1.38 0.00	42.38 1.15 0.00	39.18 0.92 0.00	36.73 0.86 0.00
NEWTON___FALLS_HYD 23847	29.91 -0.83 0.00	28.32 -0.70 0.00	26.02 -0.69 0.00	25.20 -0.67 0.00	25.33 -0.65 0.00	27.16 -0.53 0.00	28.93 -0.47 0.00	31.93 -0.42 0.00	33.60 -0.72 0.00	35.65 -0.80 -0.21	36.59 -0.86 0.00	39.33 -0.97 0.00	38.79 -0.99 0.00	43.06 -1.06 0.00	45.12 -1.11 0.00	50.27 -1.50 0.00	56.34 -2.10 0.00	60.46 -2.32 1.56	59.49 -2.04 0.23	54.54 -1.50 -0.58	50.56 -1.18 -0.62	40.37 -1.03 -0.18	37.44 -0.92 -0.09	35.08 -0.79 0.00
NGRID_A1_DSASP 323792	29.76 -0.98 0.00	28.24 -0.78 0.00	25.70 -1.02 0.00	24.71 -1.16 0.00	24.89 -1.09 0.00	26.67 -1.02 0.00	27.93 -1.47 0.00	30.05 -2.30 0.00	32.40 -1.92 0.00	34.79 -1.45 0.00	36.78 -0.67 0.00	40.26 -0.04 0.00	40.22 0.44 0.00	45.17 1.06 0.00	46.55 0.33 0.00	52.60 0.83 0.00	59.85 1.40 0.00	66.00 1.67 0.00	63.00 1.23 0.00	56.90 1.44 0.00	52.49 1.38 0.00	41.22 0.00 0.00	38.07 -0.19 0.00	35.83 -0.04 0.00
NGRID_A2_DSASP 323793	29.76 -0.98 0.00	28.24 -0.78 0.00	25.70 -1.02 0.00	24.71 -1.16 0.00	24.89 -1.09 0.00	26.67 -1.02 0.00	27.93 -1.47 0.00	30.05 -2.30 0.00	32.40 -1.92 0.00	34.79 -1.45 0.00	36.78 -0.67 0.00	40.26 -0.04 0.00	40.22 0.44 0.00	45.17 1.06 0.00	46.55 0.33 0.00	52.60 0.83 0.00	59.85 1.40 0.00	66.00 1.67 0.00	63.00 1.23 0.00	56.90 1.44 0.00	52.49 1.38 0.00	41.22 0.00 0.00	38.07 -0.19 0.00	35.83 -0.04 0.00
NGRID_A4_DSASP 323807	29.76 -0.98 0.00	28.24 -0.78 0.00	25.70 -1.02 0.00	24.71 -1.16 0.00	24.89 -1.09 0.00	26.67 -1.02 0.00	27.93 -1.47 0.00	30.05 -2.30 0.00	32.40 -1.92 0.00	34.79 -1.45 0.00	36.78 -0.67 0.00	40.26 -0.04 0.00	40.22 0.44 0.00	45.17 1.06 0.00	46.55 0.33 0.00	52.60 0.83 0.00	59.85 1.40 0.00	66.00 1.67 0.00	63.00 1.23 0.00	56.90 1.44 0.00	52.49 1.38 0.00	41.22 0.00 0.00	38.07 -0.19 0.00	35.83 -0.04 0.00
NIAGARA_115E_LBMP 323715	29.97 -0.77 0.00	28.44 -0.58 0.00	25.89 -0.83 0.00	24.89 -0.98 0.00	25.04 -0.93 0.00	26.86 -0.83 0.00	28.13 -1.26 0.00	30.31 -2.04 0.00	32.71 -1.61 0.00	35.08 -1.16 0.00	37.08 -0.37 0.00	40.62 0.32 0.00	40.58 0.80 0.00	45.62 1.50 0.00	46.96 0.74 0.00	53.07 1.29 0.00	60.43 1.99 0.00	66.59 2.25 0.00	63.61 1.85 0.00	57.45 1.99 0.00	53.00 1.89 0.00	41.59 0.37 0.00	38.42 0.15 0.00	36.15 0.29 0.00
NIAGARA_115W_LBMP 323714	29.66 -1.08 0.00	28.18 -0.84 0.00	25.65 -1.07 0.00	24.66 -1.22 0.00	24.81 -1.17 0.00	26.58 -1.11 0.00	27.84 -1.56 0.00	29.96 -2.39 0.00	32.33 -1.99 0.00	34.68 -1.56 0.00	36.66 -0.79 0.00	40.14 -0.16 0.00	40.10 0.32 0.00	45.05 0.93 0.00	46.41 0.19 0.00	52.45 0.67 0.00	59.67 1.23 0.00	65.82 1.48 0.00	62.81 1.05 0.00	56.74 1.28 0.00	52.33 1.22 0.00	41.10 -0.12 0.00	37.96 -0.31 0.00	35.76 -0.11 0.00
NIAGARA_230_LBMP 323716	30.13 -0.61 0.00	28.55 -0.47 0.00	26.02 -0.69 0.00	25.02 -0.85 0.00	25.17 -0.81 0.00	26.97 -0.72 0.00	28.28 -1.12 0.00	30.47 -1.88 0.00	32.84 -1.47 0.00	35.26 -0.98 0.00	37.23 -0.22 0.00	40.70 0.40 0.00	40.66 0.87 0.00	45.66 1.54 0.00	47.06 0.83 0.00	53.17 1.40 0.00	60.49 2.04 0.00	66.72 2.38 0.00	63.68 1.92 0.00	57.51 2.05 0.00	53.05 1.94 0.00	41.72 0.50 0.00	38.54 0.27 0.00	36.23 0.36 0.00
NIAGARA___115KV_198_GIBSON 55903	30.40 -0.34 0.00	28.18 -0.84 0.00	25.65 -1.07 0.00	24.66 -1.22 0.00	24.81 -1.17 0.00	26.61 -1.08 0.00	28.28 -1.12 0.00	29.99 -2.36 0.00	32.77 -1.54 0.00	34.68 -1.56 0.00	36.40 -1.05 0.00	40.01 -0.28 0.00	39.98 0.20 0.00	45.04 0.93 0.00	46.41 0.18 0.00	52.45 0.67 0.00	59.67 1.23 0.00	65.81 1.48 0.00	62.50 0.74 0.00	56.73 1.28 0.00	52.33 1.23 0.00	41.10 -0.12 0.00	39.03 0.77 0.00	35.76 -0.11 0.00
NIAGARA____ 23760	30.13 -0.61 0.00	28.55 -0.47 0.00	26.02 -0.69 0.00	25.02 -0.85 0.00	25.17 -0.81 0.00	26.97 -0.72 0.00	28.28 -1.12 0.00	30.47 -1.88 0.00	32.84 -1.47 0.00	35.26 -0.98 0.00	37.23 -0.22 0.00	40.70 0.40 0.00	40.66 0.87 0.00	45.66 1.54 0.00	47.06 0.83 0.00	53.17 1.40 0.00	60.49 2.04 0.00	66.72 2.38 0.00	63.68 1.92 0.00	57.51 2.05 0.00	53.05 1.94 0.00	41.72 0.50 0.00	38.54 0.27 0.00	36.23 0.36 0.00
NINE_MILE_1 23575	29.97 -0.77 0.00	28.30 -0.72 0.00	26.00 -0.72 0.00	25.15 -0.72 0.00	25.28 -0.70 0.00	27.00 -0.69 0.00	28.60 -0.79 0.00	31.48 -0.87 0.00	33.39 -0.93 0.00	31.79 -0.90 3.54	36.63 -0.82 0.00	39.53 -0.77 0.00	39.07 -0.71 0.00	43.41 -0.71 0.00	45.35 -0.88 0.00	50.89 -0.88 0.00	57.57 -0.88 0.00	63.37 -0.96 0.00	60.84 -0.92 0.00	44.94 -0.78 9.75	39.87 -0.77 10.47	37.48 -0.74 3.00	36.02 -0.77 1.48	35.08 -0.79 0.00
NINE_MILE_2 23744	29.97 -0.77 0.00	28.30 -0.72 0.00	26.00 -0.72 0.00	25.15 -0.72 0.00	25.28 -0.70 0.00	27.00 -0.69 0.00	28.60 -0.79 0.00	31.48 -0.87 0.00	33.39 -0.93 0.00	31.74 -0.90 3.60	36.63 -0.82 0.00	39.53 -0.77 0.00	39.07 -0.71 0.00	43.41 -0.71 0.00	45.35 -0.88 0.00	50.89 -0.88 0.00	57.57 -0.88 0.00	63.37 -0.96 0.00	60.84 -0.92 0.00	44.79 -0.78 9.89	39.72 -0.77 10.63	37.39 -0.78 3.05	35.99 -0.77 1.51	35.08 -0.79 0.00
NM_CAPITAL___DRP 24208	31.63 0.89 0.00	29.89 0.87 0.00	27.60 0.88 0.00	26.73 0.85 0.00	26.81 0.83 0.00	28.52 0.83 0.00	30.22 0.82 0.00	33.26 0.91 0.00	35.25 0.93 0.00	37.29 1.05 0.00	38.46 1.01 0.00	41.30 1.01 0.00	40.70 0.92 0.00	45.09 0.97 0.00	47.29 1.06 0.00	53.02 1.24 0.00	59.91 1.46 0.00	66.07 1.74 0.00	63.55 1.79 0.00	57.01 1.55 0.00	52.49 1.38 0.00	42.42 1.20 0.00	39.22 0.96 0.00	36.77 0.90 0.00
NM_CENTRAL___DRP 24181	30.77 0.03 0.00	28.96 -0.06 0.00	26.61 -0.11 0.00	25.72 -0.16 0.00	25.82 -0.16 0.00	27.64 -0.06 0.00	29.34 -0.06 0.00	32.22 -0.13 0.00	34.32 0.00 0.00	36.69 0.11 -0.34	37.64 0.19 0.00	40.70 0.40 0.00	40.22 0.44 0.00	44.73 0.62 0.00	46.74 0.51 0.00	52.45 0.67 0.00	59.38 0.94 0.00	65.36 1.03 0.00	62.69 0.93 0.00	57.29 0.89 -0.95	52.89 0.77 -1.02	41.93 0.41 -0.29	38.87 0.46 -0.14	36.01 0.14 0.00

NM_FRONTIER___DRP 24179	30.40 -0.34 0.00	28.18 -0.84 0.00	25.65 -1.07 0.00	24.66 -1.22 0.00	24.81 -1.17 0.00	26.61 -1.08 0.00	28.28 -1.12 0.00	29.99 -2.36 0.00	32.77 -1.54 0.00	34.68 -1.56 0.00	36.40 -1.05 0.00	40.01 -0.28 0.00	39.98 0.20 0.00	45.04 0.93 0.00	46.41 0.18 0.00	52.45 0.67 0.00	59.67 1.23 0.00	65.81 1.48 0.00	62.50 0.74 0.00	56.73 1.28 0.00	52.33 1.23 0.00	41.10 -0.12 0.00	39.03 0.77 0.00	35.76 -0.11 0.00
NM_ST_REGIS___HYD 24053	29.42 -1.32 0.00	27.95 -1.07 0.00	25.70 -1.02 0.00	24.92 -0.96 0.00	25.10 -0.88 0.00	26.83 -0.86 0.00	28.60 -0.79 0.00	31.57 -0.78 0.00	33.19 -1.13 0.00	35.07 -1.27 -0.10	36.14 -1.31 0.00	38.68 -1.61 0.00	38.19 -1.59 0.00	42.35 -1.76 0.00	44.42 -1.80 0.00	49.24 -2.54 0.00	54.70 -3.74 0.00	57.65 -4.25 2.43	57.33 -4.08 0.36	52.12 -3.60 -0.26	48.54 -2.86 -0.29	39.08 -2.23 -0.08	36.39 -1.91 -0.04	34.47 -1.40 0.00
NORTHPORT___1 23551	38.28 2.49 -5.05	36.12 2.23 -4.87	32.52 2.03 -3.77	31.28 1.99 -3.41	30.82 1.95 -2.89	32.83 2.02 -3.12	33.97 2.41 -2.17	35.69 2.72 -0.63	38.26 2.92 -1.03	38.88 2.64 0.00	39.95 2.51 0.01	39.60 2.46 3.15	39.64 2.51 2.65	41.41 2.96 5.67	43.59 2.91 5.55	41.09 3.52 14.21	48.35 4.44 14.54	54.12 4.89 15.10	56.61 4.51 9.66	54.53 3.50 4.43	49.34 3.12 4.88	40.07 3.05 4.20	39.60 2.49 1.15	38.56 2.69 0.00
NORTHPORT___2 23552	38.28 2.49 -5.05	36.12 2.23 -4.87	32.52 2.03 -3.77	31.28 1.99 -3.41	30.82 1.95 -2.89	32.83 2.02 -3.12	33.97 2.41 -2.17	35.69 2.72 -0.63	38.26 2.92 -1.03	38.88 2.64 0.00	39.64 2.51 0.32	39.60 2.46 3.15	39.64 2.51 2.65	39.64 2.96 7.43	39.64 2.91 9.50	39.61 3.52 15.68	39.23 4.44 23.65	39.44 4.89 29.78	39.64 4.51 26.63	39.64 3.50 19.31	39.64 3.12 14.59	39.64 3.05 4.63	39.60 2.49 1.15	38.56 2.69 0.00
NORTHPORT___3 23553	38.37 2.58 -5.05	36.21 2.32 -4.87	32.60 2.11 -3.77	31.33 2.04 -3.41	30.84 1.97 -2.89	32.92 2.10 -3.12	34.00 2.44 -2.17	35.79 2.81 -0.63	38.37 3.02 -1.03	38.92 2.68 0.00	39.71 2.58 0.33	39.69 2.54 3.15	39.71 2.58 2.66	39.68 3.00 7.44	39.84 3.05 9.44	39.86 3.78 15.69	40.18 4.62 22.88	39.86 5.02 29.50	39.70 4.57 26.63	39.74 3.60 19.32	39.63 3.12 14.59	39.55 2.97 4.64	39.59 2.49 1.16	38.34 2.47 0.00
NORTHPORT___4 23650	38.37 2.58 -5.05	36.21 2.32 -4.87	32.60 2.11 -3.77	31.33 2.04 -3.41	30.84 1.97 -2.89	32.92 2.10 -3.12	34.00 2.44 -2.17	35.79 2.81 -0.63	38.37 3.02 -1.03	38.92 2.68 0.00	39.71 2.58 0.33	39.69 2.54 3.15	39.71 2.58 2.66	39.68 3.00 7.44	39.84 3.05 9.44	39.86 3.78 15.69	40.18 4.62 22.88	39.86 5.02 29.50	39.70 4.57 26.63	39.74 3.60 19.32	39.63 3.12 14.59	39.55 2.97 4.64	39.59 2.49 1.16	38.34 2.47 0.00
NORTHPORT___IC 23718	38.12 2.34 -5.05	36.12 2.23 -4.87	32.52 2.03 -3.77	31.28 1.99 -3.41	30.82 1.95 -2.89	32.83 2.02 -3.12	33.88 2.32 -2.17	35.69 2.72 -0.63	38.20 2.85 -1.03	39.36 3.12 0.00	39.68 2.55 0.32	39.64 2.50 3.15	39.60 2.47 2.65	39.51 2.82 7.43	39.73 3.00 9.50	39.61 3.52 15.68	39.23 4.44 23.65	39.44 4.89 29.78	39.70 4.57 26.63	39.64 3.49 19.31	39.64 3.12 14.59	39.64 3.05 4.63	39.26 2.14 1.15	38.45 2.58 0.00
NORTH___COUNTRY_ESR 323785	29.91 -0.83 0.00	28.38 -0.64 0.00	26.13 -0.59 0.00	25.33 -0.54 0.00	25.54 -0.44 0.00	27.28 -0.41 0.00	29.10 -0.29 0.00	31.96 -0.39 0.00	33.74 -0.58 0.00	35.81 -0.43 0.00	36.81 -0.64 0.00	39.49 -0.81 0.00	39.03 -0.76 0.00	43.32 -0.79 0.00	45.54 -0.69 0.00	49.96 -1.81 0.00	55.93 -2.51 0.00	58.44 -3.02 2.88	58.31 -3.02 0.42	52.51 -2.94 0.01	48.91 -2.20 0.00	39.74 -1.48 0.00	36.92 -1.34 0.00	35.01 -0.86 0.00
NPX_GEN_1385_PROXY 323591	37.78 2.00 -5.05	35.89 2.00 -4.87	32.30 1.82 -3.77	31.17 1.89 -3.41	30.74 1.87 -2.89	32.72 1.91 -3.12	34.00 2.44 -2.17	35.73 2.75 -0.63	38.03 2.68 -1.03	38.56 2.32 0.00	40.23 2.84 0.07	39.96 2.82 3.15	40.59 3.46 2.65	42.10 3.97 5.99	43.93 3.98 6.27	42.06 4.76 14.48	48.09 5.84 16.20	52.99 6.43 17.78	55.00 5.99 12.75	53.14 4.82 7.14	48.80 4.34 6.65	40.90 3.96 4.28	40.06 2.95 1.15	38.70 2.83 0.00
NPX_GEN_CSC 323557	38.37 2.58 -5.05	36.21 2.32 -4.87	32.60 2.11 -3.77	31.33 2.04 -3.41	30.90 2.03 -2.89	32.89 2.08 -3.12	33.97 2.41 -2.17	35.40 2.43 -0.63	38.13 2.78 -1.03	38.81 2.57 0.00	40.19 2.73 -0.09	43.13 2.74 0.00	42.62 2.83 -0.02	47.45 3.31 -0.48	50.18 3.47 -0.48	56.28 4.50 0.00	69.71 5.73 -5.54	72.70 6.31 -2.06	67.89 6.12 -0.01	60.40 4.93 -0.01	55.51 4.40 0.00	45.23 4.00 -0.01	41.48 3.21 0.00	38.88 3.01 0.00
NSINS_S_GLNS_FALLS 23858	32.92 2.18 0.00	31.17 2.15 0.00	28.67 1.95 0.00	27.74 1.86 0.00	27.90 1.92 0.00	29.80 2.10 0.00	31.51 2.12 0.00	34.71 2.36 0.00	36.86 2.54 0.00	38.92 2.68 0.00	39.85 2.40 0.00	43.00 2.70 0.00	42.21 2.43 0.00	46.63 2.51 0.00	48.68 2.45 0.00	54.83 3.05 0.00	61.95 3.51 0.00	68.65 4.31 0.00	67.01 5.25 0.00	60.23 4.77 0.00	55.86 4.75 0.00	44.85 3.63 0.00	41.17 2.91 0.00	38.38 2.51 0.00
NUCOR_STEEL___DRP 24197	31.26 0.52 0.00	29.43 0.41 0.00	26.99 0.27 0.00	26.08 0.21 0.00	26.19 0.21 0.00	28.05 0.36 0.00	29.75 0.35 0.00	32.71 0.36 0.00	34.80 0.48 0.00	37.38 0.58 -0.56	38.12 0.67 0.00	41.26 0.97 0.00	40.78 0.99 0.00	45.40 1.28 0.00	47.38 1.16 0.00	53.22 1.45 0.00	60.32 1.87 0.00	66.46 2.12 0.00	63.86 2.10 0.00	59.01 2.00 -1.55	54.56 1.79 -1.67	42.86 1.15 -0.48	39.69 1.19 -0.24	36.62 0.75 0.00
NUMBER_THREE_WT_PWR 323818	30.90 0.15 0.00	29.19 0.18 0.00	26.80 0.08 0.00	25.93 0.05 0.00	26.06 0.08 0.00	27.97 0.28 0.00	29.75 0.35 0.00	32.80 0.45 0.00	34.59 0.27 0.00	36.78 0.29 -0.25	37.71 0.26 0.00	40.66 0.36 0.00	40.14 0.36 0.00	44.60 0.49 0.00	46.69 0.46 0.00	52.19 0.41 0.00	58.91 0.47 0.00	64.38 0.64 0.60	62.54 0.86 0.09	57.36 1.22 -0.69	53.02 1.18 -0.74	42.22 0.78 -0.21	38.94 0.57 -0.10	36.30 0.43 0.00
NYISO_LBMP_REFERENCE 24008	30.74 0.00 0.00	29.02 0.00 0.00	26.72 0.00 0.00	25.87 0.00 0.00	25.98 0.00 0.00	27.69 0.00 0.00	29.40 0.00 0.00	32.35 0.00 0.00	34.32 0.00 0.00	36.24 0.00 0.00	37.45 0.00 0.00	40.30 0.00 0.00	39.79 0.00 0.00	44.12 0.00 0.00	46.23 0.00 0.00	51.78 0.00 0.00	58.44 0.00 0.00	64.33 0.00 0.00	61.76 0.00 0.00	55.46 0.00 0.00	51.11 0.00 0.00	41.22 0.00 0.00	38.27 0.00 0.00	35.87 0.00 0.00
NYPA_BRENTWD____GT 24164	38.86 3.07 -5.05	36.62 2.73 -4.87	32.97 2.49 -3.77	31.69 2.41 -3.41	31.23 2.36 -2.89	33.31 2.49 -3.12	34.44 2.88 -2.17	36.21 3.23 -0.63	38.92 3.57 -1.03	39.65 3.41 0.00	41.00 3.52 -0.03	43.98 3.55 -0.13	43.44 3.62 -0.03	48.34 4.19 -0.03	50.90 4.11 -0.56	56.38 4.61 0.00	70.58 5.67 -6.47	72.98 6.24 -2.41	67.57 5.80 0.00	60.12 4.66 0.00	55.69 4.55 -0.03	45.31 4.08 0.00	41.82 3.52 -0.03	39.39 3.52 0.00

NYPA_GOWANUS____GT5 24156	33.49 2.73 -0.02	31.43 2.41 -0.01	28.89 2.16 -0.01	27.95 2.07 -0.01	27.98 2.00 0.00	29.74 2.05 0.00	31.83 2.44 0.00	35.16 2.81 0.00	37.54 3.23 0.00	39.17 2.93 0.00	40.75 3.30 0.00	43.68 3.39 0.00	43.21 3.42 0.00	47.65 3.53 0.00	50.11 3.88 0.00	67.46 4.97 -10.71	66.68 5.37 -2.86	70.19 5.85 0.00	67.01 5.25 0.00	63.76 4.49 -3.81	54.94 3.84 0.00	44.73 3.50 0.00	41.67 3.40 0.00	38.92 3.05 0.00
NYPA_GOWANUS____GT6 24157	33.49 2.73 -0.02	31.43 2.41 -0.01	28.89 2.16 -0.01	27.95 2.07 -0.01	27.98 2.00 0.00	29.74 2.05 0.00	31.83 2.44 0.00	35.16 2.81 0.00	37.54 3.23 0.00	39.17 2.93 0.00	40.75 3.30 0.00	43.68 3.39 0.00	43.21 3.42 0.00	47.65 3.53 0.00	50.11 3.88 0.00	67.46 4.97 -10.71	66.68 5.37 -2.86	70.19 5.85 0.00	67.01 5.25 0.00	63.76 4.49 -3.81	54.94 3.84 0.00	44.73 3.50 0.00	41.67 3.40 0.00	38.92 3.05 0.00
NYPA_HARLEM__RVR__GT1 24160	33.52 2.77 -0.01	31.41 2.38 -0.01	28.89 2.16 -0.01	27.95 2.07 -0.01	27.99 2.00 -0.01	29.79 2.10 0.00	31.83 2.44 0.00	35.03 2.68 0.00	37.26 2.95 0.01	39.02 2.79 0.01	40.55 3.11 0.01	43.43 3.15 0.01	42.88 3.11 0.01	47.29 3.18 0.01	49.69 3.47 0.01	56.28 4.50 0.00	63.29 4.85 0.00	69.67 5.34 0.00	66.52 4.76 0.00	59.50 4.05 0.00	54.59 3.48 0.00	44.52 3.30 0.00	41.59 3.33 0.00	38.84 2.98 0.00
NYPA_HARLEM__RVR__GT2 24161	33.52 2.77 -0.01	31.41 2.38 -0.01	28.89 2.16 -0.01	27.95 2.07 -0.01	27.99 2.00 -0.01	29.79 2.10 0.00	31.83 2.44 0.00	35.03 2.68 0.00	37.26 2.95 0.01	39.02 2.79 0.01	40.55 3.11 0.01	43.43 3.15 0.01	42.88 3.11 0.01	47.29 3.18 0.01	49.69 3.47 0.01	56.28 4.50 0.00	63.29 4.85 0.00	69.67 5.34 0.00	66.52 4.76 0.00	59.50 4.05 0.00	54.59 3.48 0.00	44.52 3.30 0.00	41.59 3.33 0.00	38.84 2.98 0.00
NYPA_KENT____GT 24152	33.46 2.71 -0.01	31.35 2.32 0.00	28.83 2.11 0.00	27.90 2.02 0.00	27.93 1.95 0.00	29.69 1.99 0.00	31.81 2.41 0.00	35.13 2.78 0.00	37.47 3.16 0.00	39.14 2.90 0.00	40.71 3.26 0.00	43.64 3.34 0.00	43.13 3.34 0.00	47.56 3.44 0.00	49.97 3.74 0.00	62.72 4.82 -6.13	65.28 5.20 -1.64	70.00 5.66 0.00	66.83 5.07 0.00	59.82 4.33 -0.03	54.79 3.68 0.00	44.64 3.42 0.00	41.56 3.29 0.00	38.81 2.94 0.00
NYPA_POUCH1____GT 24155	33.40 2.64 -0.02	31.41 2.38 -0.01	28.86 2.14 -0.01	27.93 2.04 -0.01	27.95 1.97 0.00	29.66 1.97 0.00	31.75 2.35 0.00	35.07 2.72 0.00	37.41 3.09 0.00	38.99 2.75 0.00	40.60 3.15 0.00	43.52 3.22 0.00	43.05 3.26 0.00	47.47 3.35 0.00	49.97 3.74 0.00	67.30 4.82 -10.71	66.51 5.20 -2.86	70.00 5.66 0.00	66.83 5.07 0.00	63.65 4.38 -3.81	54.79 3.68 0.00	44.61 3.38 0.00	41.52 3.25 0.00	38.88 3.01 0.00
NYPA_VERNON____GT2 24162	33.39 2.64 0.00	31.29 2.26 0.00	28.78 2.06 0.00	27.82 1.94 0.00	27.87 1.90 0.00	29.66 1.97 0.00	31.78 2.38 0.00	35.10 2.75 0.00	37.41 3.09 0.00	39.17 2.93 0.00	40.71 3.26 0.00	43.60 3.30 0.00	43.09 3.30 0.00	47.47 3.35 0.00	49.93 3.70 0.00	57.99 4.66 -1.55	63.94 5.08 -0.42	69.87 5.53 0.00	66.70 4.94 0.00	59.63 4.16 -0.01	54.68 3.58 0.00	44.56 3.34 0.00	41.52 3.25 0.00	38.70 2.83 0.00
NYPA_VERNON____GT3 24163	33.39 2.64 0.00	31.29 2.26 0.00	28.78 2.06 0.00	27.82 1.94 0.00	27.87 1.90 0.00	29.66 1.97 0.00	31.78 2.38 0.00	35.10 2.75 0.00	37.41 3.09 0.00	39.17 2.93 0.00	40.71 3.26 0.00	43.60 3.30 0.00	43.09 3.30 0.00	47.47 3.35 0.00	49.93 3.70 0.00	57.99 4.66 -1.55	63.94 5.08 -0.42	69.87 5.53 0.00	66.70 4.94 0.00	59.63 4.16 -0.01	54.68 3.58 0.00	44.56 3.34 0.00	41.52 3.25 0.00	38.70 2.83 0.00
NYPA__ASTORIA_CC1 323568	33.35 2.61 0.00	31.25 2.23 0.00	28.75 2.03 0.00	27.79 1.91 0.00	27.85 1.87 0.00	29.63 1.94 0.00	31.72 2.32 0.00	35.03 2.68 0.00	37.34 3.02 0.00	39.10 2.86 0.00	40.67 3.22 0.00	43.52 3.22 0.00	43.01 3.22 0.00	47.38 3.26 0.00	49.79 3.56 0.00	56.33 4.56 0.00	63.35 4.91 0.00	69.67 5.34 0.00	66.52 4.76 0.00	59.50 4.05 0.00	54.53 3.42 0.00	44.48 3.26 0.00	41.48 3.21 0.00	38.70 2.83 0.00
NYPA__ASTORIA_CC2 323569	33.35 2.61 0.00	31.25 2.23 0.00	28.75 2.03 0.00	27.79 1.91 0.00	27.85 1.87 0.00	29.63 1.94 0.00	31.72 2.32 0.00	35.03 2.68 0.00	37.34 3.02 0.00	39.10 2.86 0.00	40.67 3.22 0.00	43.52 3.22 0.00	43.01 3.22 0.00	47.38 3.26 0.00	49.79 3.56 0.00	56.33 4.56 0.00	63.35 4.91 0.00	69.67 5.34 0.00	66.52 4.76 0.00	59.50 4.05 0.00	54.53 3.42 0.00	44.48 3.26 0.00	41.48 3.21 0.00	38.70 2.83 0.00
NYPA__HOLTSVILL 23794	38.52 2.73 -5.05	36.30 2.41 -4.87	32.70 2.22 -3.77	31.43 2.15 -3.41	31.00 2.13 -2.89	33.00 2.19 -3.12	34.09 2.53 -2.17	35.76 2.78 -0.63	38.47 3.12 -1.03	39.17 2.93 0.00	40.49 3.03 0.00	43.41 3.02 -0.09	42.85 3.06 0.00	47.62 3.48 -0.02	50.35 3.65 -0.47	56.23 4.45 0.00	69.41 5.49 -5.47	72.36 5.98 -2.04	67.39 5.62 -0.01	60.02 4.55 -0.01	55.20 4.09 0.00	44.98 3.75 -0.01	41.44 3.17 0.00	38.99 3.12 0.00
NYPA____HELLGATE_GT1 24158	33.52 2.77 -0.01	31.41 2.38 -0.01	28.89 2.16 -0.01	27.95 2.07 -0.01	27.99 2.00 -0.01	29.79 2.10 0.00	31.83 2.44 0.00	35.03 2.68 0.00	37.26 2.95 0.01	39.02 2.79 0.01	40.55 3.11 0.01	43.43 3.15 0.01	42.88 3.11 0.01	47.29 3.18 0.01	49.69 3.47 0.01	56.28 4.50 0.00	63.29 4.85 0.00	69.67 5.34 0.00	66.52 4.76 0.00	59.51 4.05 0.00	54.59 3.48 0.00	44.52 3.30 0.00	41.59 3.33 0.00	38.84 2.98 0.00
NYPA____HELLGATE_GT2 24159	33.52 2.77 -0.01	31.41 2.38 -0.01	28.89 2.16 -0.01	27.95 2.07 -0.01	27.99 2.00 -0.01	29.79 2.10 0.00	31.83 2.44 0.00	35.03 2.68 0.00	37.26 2.95 0.01	39.02 2.79 0.01	40.55 3.11 0.01	43.43 3.15 0.01	42.88 3.11 0.01	47.29 3.18 0.01	49.69 3.47 0.01	56.28 4.50 0.00	63.29 4.85 0.00	69.67 5.34 0.00	66.52 4.76 0.00	59.51 4.05 0.00	54.59 3.48 0.00	44.52 3.30 0.00	41.59 3.33 0.00	38.84 2.98 0.00
NYS_BARGE__HYD 23848	30.34 -0.40 0.00	28.76 -0.26 0.00	26.16 -0.56 0.00	25.15 -0.72 0.00	25.33 -0.65 0.00	27.16 -0.53 0.00	28.48 -0.91 0.00	30.80 -1.55 0.00	33.19 -1.13 0.00	35.62 -0.62 0.00	37.64 0.19 0.00	41.22 0.93 0.00	41.22 1.43 0.00	46.32 2.20 0.00	47.71 1.48 0.00	53.90 2.12 0.00	61.37 2.92 0.00	67.61 3.28 0.00	64.66 2.90 0.00	58.40 2.94 0.00	53.81 2.71 0.00	42.26 1.03 0.00	38.95 0.69 0.00	36.66 0.79 0.00
OAK ORCHARD__HYD 24046	30.86 0.12 0.00	29.19 0.18 0.00	26.66 -0.05 0.00	25.69 -0.18 0.00	25.88 -0.10 0.00	27.72 0.03 0.00	29.22 -0.18 0.00	31.93 -0.42 0.00	34.15 -0.17 0.00	36.50 0.26 0.00	38.27 0.82 0.00	41.67 1.37 0.00	41.46 1.67 0.00	46.37 2.25 0.00	48.03 1.80 0.00	53.95 2.17 0.00	61.31 2.86 0.00	67.61 3.28 0.00	64.79 3.03 0.00	58.34 2.88 0.00	53.87 2.76 0.00	42.67 1.44 0.00	39.30 1.03 0.00	36.69 0.83 0.00

OAKDALE___35_KV_LOAD 356122	31.42 0.68 0.00	29.51 0.49 0.00	27.09 0.37 0.00	26.18 0.31 0.00	26.29 0.31 0.00	28.13 0.44 0.00	29.87 0.47 0.00	32.77 0.42 0.00	34.97 0.65 0.00	37.34 0.87 -0.23	38.42 0.97 0.00	41.59 1.29 0.00	41.18 1.39 0.00	45.88 1.76 0.00	47.89 1.66 0.00	53.85 2.07 0.00	61.02 2.57 0.00	67.17 2.83 0.00	64.42 2.66 0.00	58.64 2.55 -0.63	53.98 2.20 -0.68	42.94 1.53 -0.19	39.93 1.57 -0.10	36.84 0.97 0.00
OCC_CHEM___DRP 24175	30.50 -0.25 0.00	28.26 -0.75 0.00	25.70 -1.02 0.00	24.71 -1.16 0.00	24.89 -1.09 0.00	26.67 -1.02 0.00	28.37 -1.03 0.00	30.09 -2.26 0.00	32.88 -1.44 0.00	34.75 -1.49 0.00	36.51 -0.94 0.00	40.13 -0.16 0.00	40.10 0.32 0.00	45.18 1.06 0.00	46.55 0.32 0.00	52.60 0.83 0.00	59.85 1.40 0.00	66.01 1.67 0.00	62.69 0.93 0.00	56.90 1.44 0.00	52.49 1.38 0.00	41.22 0.00 0.00	39.15 0.88 0.00	35.87 0.00 0.00
OH_GEN_PROXY 24063	30.13 -0.61 0.00	28.58 -0.43 0.00	26.02 -0.69 0.00	25.02 -0.85 0.00	25.20 -0.78 0.00	27.00 -0.69 0.00	28.31 -1.09 0.00	30.54 -1.81 0.00	32.91 -1.41 0.00	35.34 -0.90 0.00	37.30 -0.15 0.00	40.78 0.49 0.00	40.70 0.92 0.00	45.70 1.59 0.00	47.15 0.92 0.00	53.28 1.50 0.00	60.61 2.16 0.00	66.84 2.51 0.00	63.86 2.10 0.00	57.68 2.22 0.00	53.15 2.05 0.00	41.80 0.58 0.00	38.57 0.30 0.00	36.26 0.40 0.00
OLIN_CORP_DRP 24177	30.77 0.03 0.00	28.50 -0.52 0.00	25.92 -0.80 0.00	24.92 -0.96 0.00	25.10 -0.88 0.00	26.92 -0.78 0.00	28.63 -0.76 0.00	30.41 -1.94 0.00	33.22 -1.10 0.00	35.12 -1.12 0.00	36.89 -0.56 0.00	40.54 0.24 0.00	40.50 0.72 0.00	45.66 1.54 0.00	47.06 0.83 0.00	53.17 1.40 0.00	60.49 2.05 0.00	66.72 2.38 0.00	63.43 1.67 0.00	57.57 2.11 0.00	53.05 1.94 0.00	41.68 0.45 0.00	39.57 1.30 0.00	36.23 0.36 0.00
OLIN_CORP_DSASP 323712	29.76 -0.98 0.00	28.24 -0.78 0.00	25.70 -1.02 0.00	24.71 -1.16 0.00	24.89 -1.09 0.00	26.67 -1.02 0.00	27.93 -1.47 0.00	30.05 -2.30 0.00	32.40 -1.92 0.00	34.79 -1.45 0.00	36.78 -0.67 0.00	40.26 -0.04 0.00	40.22 0.44 0.00	45.17 1.06 0.00	46.55 0.33 0.00	52.60 0.83 0.00	59.85 1.40 0.00	66.00 1.67 0.00	63.00 1.23 0.00	56.90 1.44 0.00	52.49 1.38 0.00	41.22 0.00 0.00	38.07 -0.19 0.00	35.83 -0.04 0.00
ONEIDA_HERK_LFGE 323681	31.39 0.65 0.00	29.66 0.64 0.00	27.22 0.51 0.00	26.34 0.47 0.00	26.47 0.49 0.00	28.35 0.66 0.00	30.13 0.74 0.00	33.26 0.90 0.00	35.14 0.82 0.00	37.28 0.91 -0.14	38.42 0.97 0.00	41.47 1.17 0.00	40.94 1.15 0.00	45.44 1.32 0.00	47.61 1.39 0.00	53.28 1.50 0.00	60.20 1.75 0.00	66.15 2.00 0.18	63.84 2.10 0.03	57.94 2.11 -0.37	53.45 1.94 -0.40	42.78 1.44 -0.12	39.51 1.19 -0.06	36.84 0.97 0.00
ONEIDA___115KV_TB4 55905	31.85 1.11 0.00	30.04 1.02 0.00	27.57 0.85 0.00	26.65 0.78 0.00	26.76 0.78 0.00	28.69 1.00 0.00	30.48 1.09 0.00	33.61 1.26 0.00	35.59 1.27 0.00	37.91 1.49 -0.19	38.99 1.54 0.00	42.11 1.81 0.00	41.62 1.83 0.00	46.23 2.12 0.00	48.45 2.22 0.00	54.26 2.49 0.00	61.43 2.98 0.00	67.68 3.35 0.00	65.10 3.34 0.00	59.19 3.22 -0.51	54.57 2.91 -0.55	43.53 2.14 -0.16	40.26 1.91 -0.08	37.37 1.51 0.00
ONONDAGA_REF_OCCRA 23987	30.74 0.00 0.00	28.93 -0.09 0.00	26.58 -0.13 0.00	25.69 -0.18 0.00	25.80 -0.18 0.00	27.58 -0.11 0.00	29.31 -0.09 0.00	32.22 -0.13 0.00	34.28 -0.03 0.00	36.74 0.07 -0.42	37.64 0.19 0.00	40.66 0.36 0.00	40.18 0.40 0.00	44.69 0.57 0.00	46.69 0.46 0.00	52.40 0.62 0.00	59.32 0.88 0.00	65.30 0.97 0.00	62.63 0.86 0.00	57.46 0.83 -1.17	53.08 0.72 -1.25	41.91 0.33 -0.36	38.83 0.38 -0.18	35.98 0.11 0.00
ONONDAGA___COGEN 23986	30.96 0.22 0.00	29.14 0.12 0.00	26.74 0.03 0.00	25.85 -0.03 0.00	25.95 -0.03 0.00	27.77 0.08 0.00	29.48 0.09 0.00	32.42 0.06 0.00	34.46 0.14 0.00	37.09 0.22 -0.63	37.75 0.30 0.00	40.82 0.52 0.00	40.14 0.36 0.00	44.60 0.49 0.00	46.60 0.37 0.00	52.29 0.52 0.00	59.20 0.76 0.00	65.17 0.84 0.00	62.50 0.74 0.00	57.91 0.72 -1.73	53.64 0.66 -1.86	42.05 0.29 -0.53	38.95 0.42 -0.26	36.16 0.29 0.00
ONTARIO___LFGE 23819	31.26 0.52 0.00	29.51 0.49 0.00	27.09 0.37 0.00	26.13 0.26 0.00	26.29 0.31 0.00	28.27 0.58 0.00	29.81 0.41 0.00	32.74 0.39 0.00	34.87 0.55 0.00	37.28 0.83 -0.21	38.68 1.23 0.00	42.03 1.73 0.00	41.70 1.91 0.00	46.59 2.47 0.00	48.40 2.17 0.00	54.47 2.69 0.00	62.01 3.57 0.00	68.46 4.12 0.00	65.77 4.01 0.00	59.75 3.72 -0.57	55.09 3.37 -0.61	43.46 2.06 -0.18	40.00 1.64 -0.09	37.12 1.25 0.00
ORANGEVILLE_WT_PWR 323706	30.90 0.15 0.00	29.19 0.18 0.00	26.61 -0.11 0.00	25.59 -0.28 0.00	25.77 -0.21 0.00	27.72 0.03 0.00	29.10 -0.29 0.00	31.64 -0.71 0.00	34.01 -0.31 0.00	36.39 0.15 0.00	38.31 0.86 0.00	41.83 1.53 0.00	41.73 1.95 0.00	46.81 2.69 0.00	48.36 2.13 0.00	54.67 2.90 0.00	62.13 3.68 0.00	68.51 4.18 0.00	65.72 3.96 0.00	59.28 3.82 0.00	54.59 3.48 0.00	43.04 1.81 0.00	39.68 1.42 0.00	37.12 1.25 0.00
ORANGEVILLE___ESR 323794	30.90 0.15 0.00	29.19 0.18 0.00	26.61 -0.11 0.00	25.59 -0.28 0.00	25.77 -0.21 0.00	27.72 0.03 0.00	29.10 -0.29 0.00	31.64 -0.71 0.00	34.01 -0.31 0.00	36.39 0.15 0.00	38.31 0.86 0.00	41.83 1.53 0.00	41.73 1.95 0.00	46.81 2.69 0.00	48.36 2.13 0.00	54.67 2.90 0.00	62.13 3.68 0.00	68.51 4.18 0.00	65.72 3.96 0.00	59.28 3.82 0.00	54.59 3.48 0.00	43.04 1.81 0.00	39.68 1.42 0.00	37.12 1.25 0.00
OSWEGATCHIE___HYD 24044	29.91 -0.83 0.00	28.32 -0.70 0.00	26.02 -0.69 0.00	25.20 -0.67 0.00	25.33 -0.65 0.00	27.16 -0.53 0.00	28.92 -0.47 0.00	31.93 -0.42 0.00	33.63 -0.69 0.00	35.76 -0.69 -0.21	36.59 -0.86 0.00	39.33 -0.97 0.00	38.79 -0.99 0.00	43.06 -1.06 0.00	45.17 -1.06 0.00	50.27 -1.50 0.00	56.34 -2.10 0.00	60.46 -2.31 1.56	59.49 -2.04 0.23	54.54 -1.49 -0.58	50.56 -1.17 -0.62	40.37 -1.03 -0.18	37.55 -0.81 -0.09	35.08 -0.79 0.00
OSWEGO___5 23606	30.22 -0.52 0.00	28.53 -0.49 0.00	26.24 -0.48 0.00	25.36 -0.52 0.00	25.48 -0.49 0.00	27.22 -0.47 0.00	28.84 -0.56 0.00	31.74 -0.62 0.00	33.70 -0.62 0.00	38.26 -0.62 -2.64	36.96 -0.49 0.00	39.89 -0.40 0.00	39.43 -0.36 0.00	43.76 -0.35 0.00	45.77 -0.46 0.00	51.31 -0.47 0.00	58.10 -0.35 0.00	63.95 -0.38 0.00	61.39 -0.37 0.00	62.44 -0.28 -7.26	58.65 -0.25 -7.80	43.05 -0.41 -2.24	38.95 -0.42 -1.10	35.37 -0.50 0.00
OSWEGO___6 23613	30.22 -0.52 0.00	28.53 -0.49 0.00	26.24 -0.48 0.00	25.36 -0.52 0.00	25.48 -0.49 0.00	27.22 -0.47 0.00	28.84 -0.56 0.00	31.74 -0.62 0.00	33.70 -0.62 0.00	38.26 -0.62 -2.64	36.96 -0.49 0.00	39.89 -0.40 0.00	39.43 -0.36 0.00	43.76 -0.35 0.00	45.77 -0.46 0.00	51.31 -0.47 0.00	58.10 -0.35 0.00	63.95 -0.38 0.00	61.39 -0.37 0.00	62.44 -0.28 -7.26	58.65 -0.25 -7.80	43.05 -0.41 -2.24	38.95 -0.42 -1.10	35.37 -0.50 0.00

OUTOKUMPU-AB___DRP 24206	31.36 0.61 0.00	29.02 0.00 0.00	26.42 -0.29 0.00	25.38 -0.49 0.00	25.56 -0.42 0.00	27.47 -0.22 0.00	29.19 -0.21 0.00	31.15 -1.20 0.00	34.04 -0.27 0.00	36.02 -0.22 0.00	37.83 0.37 0.00	41.59 1.29 0.00	41.62 1.83 0.00	46.98 2.87 0.00	48.45 2.22 0.00	54.73 2.95 0.00	62.24 3.80 0.00	68.58 4.25 0.00	65.16 3.40 0.00	59.12 3.66 0.00	54.43 3.32 0.00	42.67 1.44 0.00	40.48 2.22 0.00	37.02 1.15 0.00
OXBOW___BTM 323836	30.22 -0.52 0.00	28.64 -0.38 0.00	26.08 -0.64 0.00	25.07 -0.80 0.00	25.22 -0.75 0.00	27.05 -0.64 0.00	28.37 -1.03 0.00	30.60 -1.75 0.00	33.01 -1.30 0.00	35.44 -0.80 0.00	37.49 0.04 0.00	41.06 0.76 0.00	41.06 1.27 0.00	46.15 2.03 0.00	47.57 1.34 0.00	53.79 2.02 0.00	61.19 2.75 0.00	67.42 3.09 0.00	64.35 2.59 0.00	58.12 2.66 0.00	53.56 2.45 0.00	42.01 0.78 0.00	38.76 0.50 0.00	36.44 0.57 0.00
OXBOW___ 24026	30.96 0.22 0.00	28.64 -0.38 0.00	26.08 -0.64 0.00	25.07 -0.80 0.00	25.23 -0.75 0.00	27.08 -0.61 0.00	28.81 -0.59 0.00	30.64 -1.71 0.00	33.50 -0.82 0.00	35.44 -0.80 0.00	37.23 -0.22 0.00	40.90 0.60 0.00	40.90 1.11 0.00	46.15 2.03 0.00	47.61 1.39 0.00	53.79 2.02 0.00	61.13 2.69 0.00	67.42 3.09 0.00	64.05 2.29 0.00	58.12 2.66 0.00	53.56 2.45 0.00	42.01 0.78 0.00	39.87 1.61 0.00	36.48 0.61 0.00
OXY_CHEM_DSASP 323612	30.50 -0.25 0.00	28.26 -0.75 0.00	25.70 -1.02 0.00	24.71 -1.16 0.00	24.89 -1.09 0.00	26.67 -1.02 0.00	28.37 -1.03 0.00	30.09 -2.26 0.00	32.88 -1.44 0.00	34.75 -1.49 0.00	36.51 -0.94 0.00	40.13 -0.16 0.00	40.10 0.32 0.00	45.18 1.06 0.00	46.55 0.32 0.00	52.60 0.83 0.00	59.85 1.40 0.00	66.01 1.67 0.00	62.69 0.93 0.00	56.90 1.44 0.00	52.49 1.38 0.00	41.22 0.00 0.00	39.15 0.88 0.00	35.87 0.00 0.00
OZONE_PARK_ESR 323760	33.45 2.71 0.00	31.43 2.41 0.00	28.91 2.19 0.00	27.97 2.10 0.00	28.01 2.03 0.00	29.82 2.13 0.00	31.84 2.44 0.00	35.33 2.98 0.00	37.54 3.23 0.00	39.86 3.62 0.00	41.12 3.67 0.00	44.08 3.79 0.00	43.53 3.74 0.00	48.04 3.93 0.00	50.57 4.35 0.00	57.11 5.33 0.00	64.41 5.96 0.00	70.83 6.50 0.00	67.75 5.99 0.00	60.51 5.05 0.00	55.55 4.45 0.00	45.10 3.88 0.00	41.71 3.44 0.00	38.99 3.12 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	30.50 -0.25 0.00	28.26 -0.75 0.00	25.70 -1.02 0.00	24.71 -1.16 0.00	24.89 -1.09 0.00	26.67 -1.02 0.00	28.37 -1.03 0.00	30.09 -2.26 0.00	32.88 -1.44 0.00	34.75 -1.49 0.00	36.51 -0.94 0.00	40.13 -0.16 0.00	40.10 0.32 0.00	45.18 1.06 0.00	46.55 0.32 0.00	52.60 0.83 0.00	59.85 1.40 0.00	66.01 1.67 0.00	62.69 0.93 0.00	56.90 1.44 0.00	52.49 1.38 0.00	41.22 0.00 0.00	39.15 0.88 0.00	35.87 0.00 0.00
PACKARD__115KV_DUPONT_184 80571	30.50 -0.25 0.00	28.26 -0.75 0.00	25.70 -1.02 0.00	24.71 -1.16 0.00	24.89 -1.09 0.00	26.67 -1.02 0.00	28.37 -1.03 0.00	30.09 -2.26 0.00	32.88 -1.44 0.00	34.75 -1.49 0.00	36.51 -0.94 0.00	40.13 -0.16 0.00	40.10 0.32 0.00	45.18 1.06 0.00	46.55 0.32 0.00	52.60 0.83 0.00	59.85 1.40 0.00	66.01 1.67 0.00	62.69 0.93 0.00	56.90 1.44 0.00	52.49 1.38 0.00	41.22 0.00 0.00	39.15 0.88 0.00	35.87 0.00 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	33.30 2.55 -0.01	31.35 2.32 -0.01	28.84 2.11 -0.01	27.90 2.02 -0.01	27.94 1.95 -0.01	29.71 2.02 0.00	31.63 2.23 0.00	34.94 2.59 0.00	37.00 2.68 0.00	39.32 3.08 0.00	40.52 3.07 0.00	43.36 3.06 0.00	42.81 3.02 0.00	47.21 3.09 0.00	49.65 3.42 0.00	56.18 4.40 0.00	63.18 4.73 0.00	69.48 5.15 0.00	66.45 4.69 0.00	59.34 3.88 0.00	54.43 3.32 0.00	44.44 3.22 0.00	41.29 3.02 0.00	38.81 2.94 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	33.73 2.98 -0.01	31.73 2.70 -0.01	29.18 2.46 -0.01	28.24 2.35 -0.01	28.27 2.29 -0.01	30.07 2.38 0.00	32.01 2.62 0.00	35.33 2.98 0.00	37.41 3.09 0.00	39.68 3.44 0.00	40.93 3.48 0.00	43.84 3.55 0.00	43.29 3.50 0.00	47.73 3.62 0.00	50.20 3.98 0.00	56.80 5.02 0.00	63.94 5.49 0.00	70.38 6.05 0.00	67.32 5.56 0.00	60.17 4.71 0.00	55.15 4.04 0.00	45.02 3.79 0.00	41.86 3.60 0.00	39.31 3.44 0.00
PATROON__115KV_TB1 80586	31.69 0.95 0.00	29.98 0.96 0.00	27.63 0.91 0.00	26.78 0.91 0.00	26.86 0.88 0.00	28.58 0.89 0.00	30.28 0.88 0.00	33.32 0.97 0.00	35.35 1.03 0.00	37.40 1.16 0.00	38.57 1.12 0.00	41.42 1.13 0.00	40.82 1.03 0.00	45.26 1.15 0.00	47.43 1.20 0.00	53.22 1.45 0.00	60.14 1.69 0.00	66.26 1.93 0.00	63.80 2.04 0.00	57.18 1.72 0.00	52.69 1.58 0.00	42.54 1.32 0.00	39.34 1.07 0.00	36.84 0.97 0.00
PATTRSNVILLE___SOLAR 323815	32.22 1.48 0.00	30.41 1.39 0.00	28.00 1.28 0.00	27.12 1.24 0.00	27.25 1.27 0.00	29.05 1.36 0.00	30.81 1.41 0.00	33.84 1.49 0.00	35.90 1.58 0.00	37.76 1.52 0.00	39.06 1.61 0.00	42.03 1.73 0.00	41.46 1.67 0.00	45.93 1.81 0.00	48.12 1.90 0.00	54.05 2.28 0.00	61.08 2.63 0.00	67.42 3.09 0.00	65.03 3.27 0.00	58.51 3.05 0.00	53.87 2.76 0.00	43.45 2.22 0.00	40.22 1.95 0.00	37.52 1.65 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	31.60 0.86 0.00	29.25 0.23 0.00	26.64 -0.08 0.00	25.59 -0.28 0.00	25.74 -0.23 0.00	27.75 0.06 0.00	29.54 0.15 0.00	31.77 -0.58 0.00	34.56 0.24 0.00	36.75 0.51 0.00	38.50 1.05 0.00	42.23 1.93 0.00	42.21 2.43 0.00	47.69 3.57 0.00	49.32 3.10 0.00	55.76 3.99 0.00	63.53 5.08 0.00	69.87 5.53 0.00	66.52 4.76 0.00	60.23 4.77 0.00	55.25 4.14 0.00	43.37 2.14 0.00	41.06 2.79 0.00	37.45 1.58 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	33.08 2.34 0.00	31.14 2.12 0.00	28.64 1.92 0.00	27.74 1.86 0.00	27.80 1.82 0.00	29.57 1.88 0.00	31.66 2.26 0.00	34.97 2.62 0.00	37.17 2.85 0.00	39.50 3.26 0.00	40.78 3.33 0.00	43.72 3.43 0.00	43.25 3.46 0.00	47.87 3.75 0.00	50.48 4.25 0.00	57.00 5.23 0.00	64.17 5.73 0.00	70.64 6.30 0.00	67.75 5.99 0.00	60.45 4.99 0.00	55.35 4.24 0.00	44.73 3.50 0.00	41.29 3.02 0.00	38.56 2.69 0.00
PEEKSKILL___ 23653	32.83 2.09 0.00	30.82 1.80 0.00	28.38 1.66 0.00	27.45 1.58 0.00	27.51 1.53 0.00	29.30 1.61 0.00	31.31 1.91 0.00	34.55 2.20 0.00	36.72 2.40 0.00	38.63 2.39 0.00	40.07 2.62 0.00	43.00 2.70 0.00	42.45 2.67 0.00	46.94 2.83 0.00	49.37 3.15 0.00	55.71 3.93 0.00	62.95 4.50 0.00	69.22 4.89 0.00	66.21 4.45 0.00	59.23 3.77 0.00	54.38 3.27 0.00	44.07 2.84 0.00	40.90 2.64 0.00	38.13 2.26 0.00
PGE MADISON___WINDPWR 24146	33.20 2.46 0.00	31.37 2.35 0.00	28.72 2.00 0.00	27.71 1.84 0.00	27.90 1.92 0.00	30.18 2.49 0.00	32.10 2.70 0.00	35.43 3.07 0.00	37.34 3.02 0.00	39.86 3.37 -0.25	41.08 3.63 0.00	44.57 4.27 0.00	43.92 4.14 0.00	48.88 4.77 0.00	51.08 4.85 0.00	57.42 5.64 0.00	65.22 6.78 0.00	71.99 7.65 0.00	69.61 7.84 0.00	63.79 7.66 -0.68	58.79 6.95 -0.73	46.63 5.19 -0.21	42.77 4.40 -0.10	39.63 3.77 0.00

PIERCEFIELD___HYD 23852	29.30 -1.44 0.00	27.80 -1.22 0.00	25.60 -1.12 0.00	24.79 -1.09 0.00	24.97 -1.01 0.00	26.67 -1.02 0.00	28.43 -0.97 0.00	31.41 -0.94 0.00	33.01 -1.30 0.00	34.86 -1.49 -0.11	35.88 -1.57 0.00	38.40 -1.89 0.00	37.92 -1.87 0.00	42.04 -2.07 0.00	44.10 -2.13 0.00	48.98 -2.80 0.00	54.30 -4.15 0.00	57.28 -4.70 2.35	57.03 -4.39 0.35	51.92 -3.83 -0.29	48.26 -3.17 -0.32	38.80 -2.51 -0.09	36.24 -2.07 -0.05	34.29 -1.58 0.00
PINELAWN_CC_1 323563	38.77 2.98 -5.05	36.50 2.61 -4.87	32.86 2.38 -3.77	31.56 2.28 -3.41	31.10 2.23 -2.89	33.17 2.35 -3.12	34.30 2.73 -2.17	36.08 3.11 -0.63	38.78 3.43 -1.03	39.50 3.26 0.00	40.90 3.44 0.00	43.54 3.06 -0.18	42.85 3.06 0.00	47.69 3.53 -0.05	50.63 3.42 -0.98	55.97 4.19 0.00	74.84 5.14 -11.25	74.19 5.66 -4.19	67.01 5.25 0.00	59.62 4.16 0.00	54.84 3.73 0.00	44.85 3.63 0.00	41.37 3.10 0.00	39.20 3.34 0.00
PJM_GEN_HTP_PROXY 323702	33.20 2.46 0.00	31.08 2.06 0.00	28.59 1.87 0.00	27.66 1.78 0.00	27.72 1.74 0.00	29.52 1.83 0.00	31.63 2.23 0.00	34.94 2.59 0.00	37.20 2.88 0.00	39.10 2.86 0.00	40.60 3.15 0.00	43.52 3.22 0.00	42.97 3.18 0.00	47.43 3.31 0.00	49.93 3.70 0.00	56.33 4.56 0.00	63.59 5.14 0.00	69.93 5.59 0.00	66.76 5.00 0.00	59.67 4.21 0.00	54.79 3.68 0.00	44.48 3.26 0.00	41.36 3.10 0.00	38.49 2.62 0.00
PJM_GEN_KEystone 24065	31.66 0.92 0.00	29.75 0.73 0.00	27.31 0.59 0.00	26.34 0.47 0.00	26.45 0.47 0.00	28.27 0.58 0.00	30.04 0.65 0.00	32.96 0.61 0.00	35.21 0.89 0.00	37.33 1.09 0.00	38.99 1.54 0.00	42.11 1.81 0.00	41.77 1.99 0.00	46.11 2.34 0.35	48.03 2.31 0.51	53.82 3.00 0.96	60.99 3.68 1.14	67.24 4.06 1.15	64.32 3.71 1.15	57.68 3.27 1.05	53.02 2.76 0.85	43.04 1.98 0.16	40.03 1.76 0.00	37.27 1.40 0.00
PJM_GEN_NEPTUNE_PROXY 323594	36.00 2.55 -2.71	33.87 2.23 -2.62	30.77 2.03 -2.03	29.67 1.97 -1.83	29.43 1.90 -1.55	31.36 1.99 -1.68	32.91 2.35 -1.16	35.37 2.68 -0.34	37.86 2.98 -0.55	39.07 2.83 0.00	40.45 3.00 0.00	43.28 2.98 0.00	42.77 2.99 0.00	47.51 3.40 0.00	49.70 3.47 0.00	56.02 4.25 0.00	63.53 5.08 0.00	69.87 5.53 0.00	66.83 5.07 0.00	59.56 4.10 0.00	54.74 3.63 0.00	44.56 3.34 0.00	41.25 2.99 0.00	38.63 2.76 0.00
PJM_GEN_VFT_PROXY 323633	33.14 2.40 0.00	30.99 1.97 0.00	28.51 1.79 0.00	27.58 1.71 0.00	27.62 1.64 0.00	29.44 1.75 0.00	31.54 2.14 0.00	34.88 2.53 0.00	37.17 2.85 0.00	39.03 2.79 0.00	40.48 3.03 0.00	43.32 3.02 0.00	42.69 2.90 0.00	42.19 3.00 4.93	42.27 3.33 7.29	42.26 4.19 13.71	46.80 4.68 16.32	53.02 5.08 16.40	49.85 4.51 16.42	44.26 3.77 14.97	42.31 3.32 12.12	41.92 2.97 2.27	41.21 2.95 0.00	38.34 2.47 0.00
PLATSBURG_115KV_PMLD1 355749	30.40 -0.34 0.00	28.93 -0.09 0.00	26.61 -0.11 0.00	25.77 -0.10 0.00	26.06 0.08 0.00	27.91 0.22 0.00	29.81 0.41 0.00	32.51 0.16 0.00	34.25 -0.07 0.00	36.28 0.04 0.00	37.53 0.07 0.00	40.30 0.00 0.00	39.87 0.08 0.00	44.25 0.13 0.00	45.77 -0.46 0.00	50.38 -1.40 0.00	56.28 -2.16 0.00	58.71 -2.70 2.92	58.55 -2.78 0.43	52.46 -2.99 0.01	49.27 -1.84 0.00	40.19 -1.03 0.00	37.19 -1.07 0.00	35.51 -0.36 0.00
PLEASANTVLY___LBMP 24000	32.49 1.75 0.00	30.62 1.60 0.00	28.21 1.50 0.00	27.32 1.45 0.00	27.38 1.40 0.00	29.13 1.44 0.00	31.01 1.62 0.00	34.26 1.91 0.00	36.34 2.02 0.00	38.56 2.32 0.00	39.74 2.28 0.00	42.59 2.30 0.00	42.01 2.23 0.00	46.41 2.29 0.00	48.86 2.63 0.00	54.93 3.16 0.00	62.13 3.68 0.00	68.39 4.05 0.00	65.53 3.77 0.00	58.56 3.11 0.00	53.87 2.76 0.00	43.66 2.43 0.00	40.41 2.14 0.00	37.84 1.97 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	32.83 2.09 0.00	30.93 1.92 0.00	28.48 1.76 0.00	27.56 1.68 0.00	27.62 1.64 0.00	29.41 1.72 0.00	31.34 1.94 0.00	34.68 2.33 0.00	36.82 2.51 0.00	39.10 2.86 0.00	40.33 2.88 0.00	43.24 2.94 0.00	42.65 2.86 0.00	47.16 3.04 0.00	49.65 3.42 0.00	55.92 4.14 0.00	63.24 4.79 0.00	69.55 5.21 0.00	66.58 4.82 0.00	59.45 3.99 0.00	54.58 3.48 0.00	44.23 3.01 0.00	40.91 2.64 0.00	38.27 2.40 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	32.83 2.09 0.00	30.93 1.92 0.00	28.48 1.76 0.00	27.56 1.68 0.00	27.62 1.64 0.00	29.41 1.72 0.00	31.34 1.94 0.00	34.68 2.33 0.00	36.82 2.51 0.00	39.10 2.86 0.00	40.33 2.88 0.00	43.24 2.94 0.00	42.65 2.86 0.00	47.16 3.04 0.00	49.65 3.42 0.00	55.92 4.14 0.00	63.24 4.79 0.00	69.55 5.21 0.00	66.58 4.82 0.00	59.45 3.99 0.00	54.58 3.48 0.00	44.23 3.01 0.00	40.91 2.64 0.00	38.27 2.40 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	32.68 1.94 0.00	30.79 1.77 0.00	28.35 1.63 0.00	27.48 1.60 0.00	27.54 1.56 0.00	29.27 1.58 0.00	31.07 1.68 0.00	34.26 1.91 0.00	36.34 2.02 0.00	38.60 2.36 0.00	39.77 2.32 0.00	42.63 2.34 0.00	42.09 2.31 0.00	46.50 2.38 0.00	49.00 2.77 0.00	55.09 3.31 0.00	62.71 4.27 0.00	69.16 4.83 0.00	66.33 4.57 0.00	59.29 3.83 0.00	54.38 3.27 0.00	43.99 2.76 0.00	40.64 2.37 0.00	38.02 2.15 0.00
POLETTI_____ 23519	33.05 2.31 0.00	31.08 2.06 0.00	28.59 1.87 0.00	27.66 1.79 0.00	27.72 1.74 0.00	29.52 1.83 0.00	31.51 2.12 0.00	34.94 2.59 0.00	37.10 2.78 0.00	39.43 3.19 0.00	40.63 3.18 0.00	43.52 3.22 0.00	42.97 3.18 0.00	47.38 3.26 0.00	49.88 3.65 0.00	56.28 4.50 0.00	63.47 5.03 0.00	69.80 5.47 0.00	66.70 4.94 0.00	59.56 4.10 0.00	54.74 3.63 0.00	44.44 3.22 0.00	41.14 2.87 0.00	38.52 2.65 0.00
POMONA___ESR 323819	32.68 1.94 0.00	30.70 1.68 0.00	28.29 1.58 0.00	27.37 1.50 0.00	27.43 1.45 0.00	29.21 1.52 0.00	31.19 1.79 0.00	34.36 2.01 0.00	36.55 2.23 0.00	38.49 2.25 0.00	39.92 2.47 0.00	42.84 2.54 0.00	42.29 2.51 0.00	46.76 2.65 0.00	49.19 2.96 0.00	55.51 3.73 0.00	62.71 4.26 0.00	68.97 4.63 0.00	66.02 4.26 0.00	59.01 3.55 0.00	54.12 3.01 0.00	43.90 2.68 0.00	40.75 2.49 0.00	37.95 2.08 0.00
PORT_JEFF_3 23555	38.61 2.83 -5.05	36.39 2.50 -4.87	32.76 2.27 -3.77	31.51 2.23 -3.41	31.05 2.18 -2.89	33.08 2.27 -3.12	34.18 2.62 -2.17	35.86 2.88 -0.63	38.57 3.23 -1.03	39.28 3.04 0.00	40.56 3.11 0.00	43.41 3.02 -0.09	42.93 3.14 0.00	47.62 3.48 -0.02	50.36 3.65 -0.48	56.12 4.35 0.00	69.42 5.44 -5.54	72.32 5.92 -2.07	67.27 5.49 -0.01	59.91 4.44 -0.01	55.10 3.99 0.00	44.99 3.75 -0.01	41.52 3.25 0.00	39.10 3.23 0.00
PORT_JEFF_4 23616	38.61 2.83 -5.05	36.39 2.50 -4.87	32.76 2.27 -3.77	31.51 2.23 -3.41	31.05 2.18 -2.89	33.08 2.27 -3.12	34.18 2.62 -2.17	35.86 2.88 -0.63	38.57 3.23 -1.03	39.28 3.04 0.00	40.56 3.11 0.00	43.41 3.02 -0.09	42.93 3.14 0.00	47.62 3.48 -0.02	50.36 3.65 -0.48	56.12 4.35 0.00	69.42 5.44 -5.54	72.32 5.92 -2.07	67.27 5.49 -0.01	59.91 4.44 -0.01	55.10 3.99 0.00	44.99 3.75 -0.01	41.52 3.25 0.00	39.10 3.23 0.00

PORT_JEFF_IC 23713	38.55 2.77 -5.05	36.44 2.55 -4.87	32.81 2.32 -3.77	31.56 2.28 -3.41	31.10 2.23 -2.89	33.14 2.33 -3.12	34.15 2.59 -2.17	35.92 2.94 -0.63	38.58 3.23 -1.03	39.83 3.59 0.00	40.71 3.26 0.00	43.65 3.26 -0.09	43.05 3.26 0.00	47.98 3.84 -0.02	50.75 4.02 -0.50	56.18 4.40 0.00	69.75 5.55 -5.75	72.54 6.05 -2.16	67.46 5.68 -0.01	60.02 4.55 -0.01	55.15 4.04 0.00	45.20 3.96 -0.01	41.25 2.98 0.00	39.13 3.26 0.00
PPL PILGRIM_ST_GT1 24216	38.86 3.07 -5.05	36.62 2.73 -4.87	32.97 2.49 -3.77	31.69 2.41 -3.41	31.23 2.36 -2.89	33.31 2.49 -3.12	34.44 2.88 -2.17	36.21 3.23 -0.63	38.92 3.57 -1.03	39.65 3.41 0.00	41.00 3.52 -0.03	43.98 3.55 -0.13	43.44 3.62 -0.03	48.34 4.19 -0.03	50.90 4.11 -0.56	56.38 4.61 0.00	70.58 5.67 -6.47	72.98 6.24 -2.41	67.57 5.80 0.00	60.12 4.66 0.00	55.69 4.55 -0.03	45.31 4.08 0.00	41.82 3.52 -0.03	39.39 3.52 0.00
PPL PILGRIM_ST_GT2 24217	38.86 3.07 -5.05	36.62 2.73 -4.87	32.97 2.49 -3.77	31.69 2.41 -3.41	31.23 2.36 -2.89	33.31 2.49 -3.12	34.44 2.88 -2.17	36.21 3.23 -0.63	38.92 3.57 -1.03	39.65 3.41 0.00	41.00 3.52 -0.03	43.98 3.55 -0.13	43.44 3.62 -0.03	48.34 4.19 -0.03	50.90 4.11 -0.56	56.38 4.61 0.00	70.58 5.67 -6.47	72.98 6.24 -2.41	67.57 5.80 0.00	60.12 4.66 0.00	55.69 4.55 -0.03	45.31 4.08 0.00	41.82 3.52 -0.03	39.39 3.52 0.00
PPL_SHRM_GT3 24213	38.40 2.61 -5.05	36.21 2.32 -4.87	32.63 2.14 -3.77	31.33 2.04 -3.41	30.92 2.05 -2.89	32.89 2.08 -3.12	33.97 2.41 -2.17	35.43 2.46 -0.63	38.16 2.81 -1.03	38.85 2.61 0.00	40.19 2.73 0.00	43.17 2.78 -0.09	42.62 2.83 0.00	47.45 3.31 -0.02	50.28 3.56 -0.49	56.38 4.61 0.00	69.92 5.84 -5.63	72.88 6.43 -2.11	68.01 6.24 -0.01	60.52 5.05 -0.01	55.61 4.50 0.00	45.28 4.04 -0.01	41.52 3.25 0.00	38.92 3.05 0.00
PPL_SHRM_GT4 24214	38.40 2.61 -5.05	36.21 2.32 -4.87	32.63 2.14 -3.77	31.33 2.04 -3.41	30.92 2.05 -2.89	32.89 2.08 -3.12	33.97 2.41 -2.17	35.43 2.46 -0.63	38.16 2.81 -1.03	38.85 2.61 0.00	40.19 2.73 0.00	43.17 2.78 -0.09	42.62 2.83 0.00	47.45 3.31 -0.02	50.28 3.56 -0.49	56.38 4.61 0.00	69.92 5.84 -5.63	72.88 6.43 -2.11	68.01 6.24 -0.01	60.52 5.05 -0.01	55.61 4.50 0.00	45.28 4.04 -0.01	41.52 3.25 0.00	38.92 3.05 0.00
PROJECT___ORANGE 1 24174	30.80 0.06 0.00	28.99 -0.03 0.00	26.61 -0.11 0.00	25.74 -0.13 0.00	25.85 -0.13 0.00	27.64 -0.06 0.00	29.37 -0.03 0.00	32.25 -0.10 0.00	34.35 0.03 0.00	36.69 0.11 -0.34	37.68 0.22 0.00	40.74 0.44 0.00	40.26 0.48 0.00	44.78 0.66 0.00	46.78 0.55 0.00	52.50 0.72 0.00	59.44 0.99 0.00	65.43 1.09 0.00	62.75 0.99 0.00	57.35 0.94 -0.94	52.94 0.82 -1.01	41.93 0.41 -0.29	38.91 0.50 -0.14	36.01 0.14 0.00
PROJECT___ORANGE 2 24166	30.80 0.06 0.00	28.99 -0.03 0.00	26.61 -0.11 0.00	25.74 -0.13 0.00	25.85 -0.13 0.00	27.64 -0.06 0.00	29.37 -0.03 0.00	32.25 -0.10 0.00	34.35 0.03 0.00	36.69 0.11 -0.34	37.68 0.22 0.00	40.74 0.44 0.00	40.26 0.48 0.00	44.78 0.66 0.00	46.78 0.55 0.00	52.50 0.72 0.00	59.44 0.99 0.00	65.43 1.09 0.00	62.75 0.99 0.00	57.35 0.94 -0.94	52.94 0.82 -1.01	41.93 0.41 -0.29	38.91 0.50 -0.14	36.01 0.14 0.00
PUCKETT___SOLAR 323809	31.79 1.05 0.00	29.98 0.96 0.00	27.52 0.80 0.00	26.60 0.72 0.00	26.71 0.73 0.00	28.66 0.97 0.00	30.40 1.00 0.00	33.42 1.07 0.00	35.49 1.17 0.00	37.84 1.38 -0.23	39.06 1.61 0.00	42.23 1.93 0.00	41.73 1.95 0.00	46.45 2.34 0.00	48.49 2.26 0.00	54.57 2.79 0.00	61.89 3.45 0.00	68.19 3.86 0.00	65.65 3.89 0.00	59.80 3.72 -0.62	55.10 3.32 -0.67	43.81 2.39 -0.19	40.39 2.03 -0.09	37.52 1.65 0.00
PYRITES___HYD 24023	29.91 -0.83 0.00	28.38 -0.64 0.00	26.10 -0.61 0.00	25.28 -0.60 0.00	25.46 -0.52 0.00	27.28 -0.42 0.00	29.10 -0.29 0.00	32.16 -0.19 0.00	33.74 -0.58 0.00	35.62 -0.72 -0.10	36.63 -0.82 0.00	39.21 -1.09 0.00	38.71 -1.07 0.00	42.88 -1.24 0.00	45.12 -1.11 0.00	49.96 -1.81 0.00	55.41 -3.04 0.00	58.44 -3.47 2.42	58.26 -3.15 0.36	53.18 -2.55 -0.27	49.46 -1.94 -0.30	39.74 -1.57 -0.08	37.04 -1.26 -0.04	35.04 -0.82 0.00
QUAKERRD_115KV_BK1 80622	30.59 -0.15 0.00	28.58 -0.44 0.00	26.13 -0.59 0.00	25.20 -0.67 0.00	25.38 -0.60 0.00	27.16 -0.53 0.00	28.90 -0.50 0.00	31.45 -0.91 0.00	33.80 -0.51 0.00	35.81 -0.43 0.00	37.34 -0.11 0.00	40.62 0.32 0.00	40.38 0.60 0.00	45.18 1.06 0.00	46.92 0.69 0.00	52.60 0.83 0.00	59.79 1.34 0.00	65.94 1.61 0.00	63.06 1.30 0.00	56.84 1.39 0.00	52.49 1.38 0.00	41.64 0.41 0.00	38.95 0.69 0.00	35.83 -0.04 0.00
QUENSBRY_115KV_TB8 356137	32.92 2.18 0.00	31.17 2.15 0.00	28.67 1.95 0.00	27.74 1.86 0.00	27.90 1.92 0.00	29.80 2.10 0.00	31.51 2.12 0.00	34.71 2.36 0.00	36.89 2.57 0.00	38.99 2.75 0.00	39.88 2.43 0.00	43.04 2.74 0.00	42.25 2.47 0.00	46.68 2.56 0.00	48.72 2.50 0.00	54.88 3.11 0.00	62.01 3.57 0.00	68.71 4.37 0.00	67.13 5.37 0.00	60.34 4.88 0.00	55.96 4.86 0.00	44.93 3.71 0.00	41.21 2.95 0.00	38.38 2.51 0.00
RAMAPO___LBMP 323565	32.49 1.75 0.00	30.62 1.60 0.00	28.21 1.50 0.00	27.30 1.42 0.00	27.36 1.38 0.00	29.13 1.44 0.00	31.01 1.62 0.00	34.29 1.94 0.00	36.38 2.06 0.00	38.63 2.39 0.00	39.85 2.40 0.00	42.71 2.42 0.00	42.17 2.39 0.00	46.63 2.51 0.00	49.09 2.87 0.00	55.30 3.52 0.00	62.48 4.03 0.00	68.71 4.37 0.00	65.84 4.08 0.00	58.84 3.38 0.00	53.97 2.86 0.00	43.78 2.56 0.00	40.45 2.18 0.00	37.88 2.01 0.00
RANKINE____ 23646	31.63 0.89 0.00	29.28 0.26 0.00	26.66 -0.05 0.00	25.62 -0.26 0.00	25.80 -0.18 0.00	27.75 0.06 0.00	29.51 0.12 0.00	31.61 -0.74 0.00	34.46 0.14 0.00	36.57 0.33 0.00	38.35 0.90 0.00	42.07 1.77 0.00	42.09 2.31 0.00	47.51 3.40 0.00	49.05 2.82 0.00	55.45 3.68 0.00	63.06 4.62 0.00	69.42 5.08 0.00	66.02 4.26 0.00	59.84 4.38 0.00	55.04 3.94 0.00	43.20 1.98 0.00	40.91 2.64 0.00	37.37 1.51 0.00
RAVENSWOOD_GT2_1 24244	33.08 2.34 0.00	31.14 2.12 0.00	28.64 1.92 0.00	27.71 1.84 0.00	27.75 1.77 0.00	29.55 1.86 0.00	31.54 2.15 0.00	34.97 2.62 0.00	37.10 2.78 0.00	39.43 3.19 0.00	40.63 3.18 0.00	43.52 3.22 0.00	42.97 3.18 0.00	47.43 3.31 0.00	49.88 3.65 0.00	56.28 4.50 0.00	63.41 4.97 0.00	69.74 5.40 0.00	66.70 4.94 0.00	59.56 4.10 0.00	54.74 3.63 0.00	44.48 3.26 0.00	41.14 2.87 0.00	38.56 2.69 0.00
RAVENSWOOD_GT2_2 24245	33.08 2.34 0.00	31.14 2.12 0.00	28.64 1.92 0.00	27.71 1.84 0.00	27.75 1.77 0.00	29.55 1.86 0.00	31.54 2.15 0.00	34.97 2.62 0.00	37.10 2.78 0.00	39.43 3.19 0.00	40.63 3.18 0.00	43.52 3.22 0.00	42.97 3.18 0.00	47.43 3.31 0.00	49.88 3.65 0.00	56.28 4.50 0.00	63.41 4.97 0.00	69.74 5.40 0.00	66.70 4.94 0.00	59.56 4.10 0.00	54.74 3.63 0.00	44.48 3.26 0.00	41.14 2.87 0.00	38.56 2.69 0.00

RAVENSWOOD_GT2_3 24246	33.11 2.37 0.00	31.14 2.12 0.00	28.64 1.92 0.00	27.71 1.84 0.00	27.77 1.79 0.00	29.57 1.88 0.00	31.54 2.15 0.00	34.97 2.62 0.00	37.13 2.81 0.00	39.47 3.23 0.00	40.67 3.22 0.00	43.56 3.26 0.00	43.01 3.22 0.00	47.43 3.31 0.00	49.93 3.70 0.00	56.33 4.56 0.00	63.47 5.03 0.00	69.80 5.47 0.00	66.76 5.00 0.00	59.62 4.16 0.00	54.79 3.68 0.00	44.52 3.30 0.00	41.17 2.91 0.00	38.56 2.69 0.00
RAVENSWOOD_GT2_4 24247	33.11 2.37 0.00	31.14 2.12 0.00	28.64 1.92 0.00	27.71 1.84 0.00	27.77 1.79 0.00	29.57 1.88 0.00	31.54 2.15 0.00	34.97 2.62 0.00	37.13 2.81 0.00	39.47 3.23 0.00	40.67 3.22 0.00	43.56 3.26 0.00	43.01 3.22 0.00	47.43 3.31 0.00	49.93 3.70 0.00	56.33 4.56 0.00	63.47 5.03 0.00	69.80 5.47 0.00	66.76 5.00 0.00	59.62 4.16 0.00	54.79 3.68 0.00	44.52 3.30 0.00	41.17 2.91 0.00	38.56 2.69 0.00
RAVENSWOOD_GT3_1 24248	33.08 2.34 0.00	31.14 2.12 0.00	28.64 1.92 0.00	27.71 1.84 0.00	27.75 1.77 0.00	29.55 1.86 0.00	31.54 2.15 0.00	34.97 2.62 0.00	37.13 2.81 0.00	39.43 3.19 0.00	40.63 3.18 0.00	43.56 3.26 0.00	42.97 3.18 0.00	47.43 3.31 0.00	49.88 3.65 0.00	56.33 4.56 0.00	63.41 4.97 0.00	69.80 5.47 0.00	66.70 4.94 0.00	59.62 4.16 0.00	54.74 3.63 0.00	44.48 3.26 0.00	41.17 2.91 0.00	38.56 2.69 0.00
RAVENSWOOD_GT3_2 24249	33.08 2.34 0.00	31.14 2.12 0.00	28.64 1.92 0.00	27.71 1.84 0.00	27.75 1.77 0.00	29.55 1.86 0.00	31.54 2.15 0.00	34.97 2.62 0.00	37.13 2.81 0.00	39.43 3.19 0.00	40.63 3.18 0.00	43.56 3.26 0.00	42.97 3.18 0.00	47.43 3.31 0.00	49.88 3.65 0.00	56.33 4.56 0.00	63.41 4.97 0.00	69.80 5.47 0.00	66.70 4.94 0.00	59.62 4.16 0.00	54.74 3.63 0.00	44.48 3.26 0.00	41.17 2.91 0.00	38.56 2.69 0.00
RAVENSWOOD_GT3_3 24250	33.14 2.40 0.00	31.17 2.15 0.00	28.67 1.95 0.00	27.74 1.86 0.00	27.80 1.82 0.00	29.60 1.91 0.00	31.60 2.20 0.00	35.04 2.69 0.00	37.20 2.88 0.00	39.50 3.26 0.00	40.75 3.30 0.00	43.64 3.34 0.00	43.09 3.30 0.00	47.51 3.40 0.00	50.02 3.79 0.00	56.43 4.66 0.00	63.59 5.14 0.00	69.93 5.60 0.00	66.83 5.06 0.00	59.73 4.27 0.00	54.89 3.78 0.00	44.56 3.34 0.00	41.25 2.98 0.00	38.63 2.76 0.00
RAVENSWOOD_GT3_4 24251	33.14 2.40 0.00	31.17 2.15 0.00	28.67 1.95 0.00	27.74 1.86 0.00	27.80 1.82 0.00	29.60 1.91 0.00	31.60 2.20 0.00	35.04 2.69 0.00	37.20 2.88 0.00	39.50 3.26 0.00	40.75 3.30 0.00	43.64 3.34 0.00	43.09 3.30 0.00	47.51 3.40 0.00	50.02 3.79 0.00	56.43 4.66 0.00	63.59 5.14 0.00	69.93 5.60 0.00	66.83 5.06 0.00	59.73 4.27 0.00	54.89 3.78 0.00	44.56 3.34 0.00	41.25 2.98 0.00	38.63 2.76 0.00
RAVENSWOOD_GT_1 23729	33.23 2.49 0.00	31.26 2.23 0.00	28.75 2.03 0.00	27.82 1.94 0.00	27.88 1.90 0.00	29.66 1.97 0.00	31.66 2.26 0.00	35.10 2.75 0.00	37.20 2.88 0.00	39.50 3.26 0.00	40.75 3.30 0.00	43.60 3.30 0.00	43.09 3.30 0.00	47.51 3.40 0.00	49.97 3.74 0.00	57.99 4.66 -1.55	63.94 5.08 -0.42	69.87 5.53 0.00	66.76 5.00 0.00	59.63 4.16 -0.01	54.69 3.58 0.00	44.56 3.34 0.00	41.29 3.02 0.00	38.74 2.87 0.00
RAVENSWOOD_GT_10 24258	33.08 2.34 0.00	31.11 2.09 0.00	28.64 1.92 0.00	27.71 1.84 0.00	27.75 1.77 0.00	29.55 1.86 0.00	31.54 2.15 0.00	34.97 2.62 0.00	37.13 2.81 0.00	39.43 3.19 0.00	40.63 3.18 0.00	43.56 3.26 0.00	42.97 3.18 0.00	47.43 3.31 0.00	49.93 3.70 0.00	56.33 4.56 0.00	63.41 4.97 0.00	69.80 5.47 0.00	66.70 4.94 0.00	59.62 4.16 0.00	54.79 3.68 0.00	44.48 3.26 0.00	41.17 2.91 0.00	38.56 2.69 0.00
RAVENSWOOD_GT_11 24259	33.08 2.34 0.00	31.11 2.09 0.00	28.64 1.92 0.00	27.71 1.84 0.00	27.75 1.77 0.00	29.55 1.86 0.00	31.54 2.15 0.00	34.97 2.62 0.00	37.13 2.81 0.00	39.43 3.19 0.00	40.63 3.18 0.00	43.56 3.26 0.00	42.97 3.18 0.00	47.43 3.31 0.00	49.93 3.70 0.00	56.33 4.56 0.00	63.41 4.97 0.00	69.80 5.47 0.00	66.70 4.94 0.00	59.62 4.16 0.00	54.79 3.68 0.00	44.48 3.26 0.00	41.17 2.91 0.00	38.56 2.69 0.00
RAVENSWOOD_GT_4 24252	33.08 2.34 0.00	31.11 2.09 0.00	28.62 1.90 0.00	27.69 1.81 0.00	27.75 1.77 0.00	29.55 1.86 0.00	31.51 2.12 0.00	34.97 2.62 0.00	37.13 2.81 0.00	39.43 3.19 0.00	40.63 3.18 0.00	43.56 3.26 0.00	42.97 3.18 0.00	47.43 3.31 0.00	49.93 3.70 0.00	57.51 4.56 -1.18	63.79 5.03 -0.32	69.80 5.47 0.00	66.76 5.00 0.00	59.62 4.16 -0.01	54.79 3.68 0.00	44.48 3.26 0.00	41.14 2.87 0.00	38.52 2.65 0.00
RAVENSWOOD_GT_5 24254	33.08 2.34 0.00	31.11 2.09 0.00	28.62 1.90 0.00	27.69 1.81 0.00	27.75 1.77 0.00	29.55 1.86 0.00	31.51 2.12 0.00	34.97 2.62 0.00	37.13 2.81 0.00	39.43 3.19 0.00	40.63 3.18 0.00	43.56 3.26 0.00	42.97 3.18 0.00	47.43 3.31 0.00	49.93 3.70 0.00	57.51 4.56 -1.18	63.79 5.03 -0.32	69.80 5.47 0.00	66.76 5.00 0.00	59.62 4.16 -0.01	54.79 3.68 0.00	44.48 3.26 0.00	41.14 2.87 0.00	38.52 2.65 0.00
RAVENSWOOD_GT_6 24253	33.08 2.34 0.00	31.11 2.09 0.00	28.62 1.90 0.00	27.69 1.81 0.00	27.75 1.77 0.00	29.55 1.86 0.00	31.51 2.12 0.00	34.97 2.62 0.00	37.13 2.81 0.00	39.43 3.19 0.00	40.63 3.18 0.00	43.56 3.26 0.00	42.97 3.18 0.00	47.43 3.31 0.00	49.93 3.70 0.00	57.51 4.56 -1.18	63.79 5.03 -0.32	69.80 5.47 0.00	66.76 5.00 0.00	59.62 4.16 -0.01	54.79 3.68 0.00	44.48 3.26 0.00	41.14 2.87 0.00	38.52 2.65 0.00
RAVENSWOOD_GT_7 24255	33.08 2.34 0.00	31.11 2.09 0.00	28.62 1.90 0.00	27.69 1.81 0.00	27.75 1.77 0.00	29.55 1.86 0.00	31.51 2.12 0.00	34.97 2.62 0.00	37.13 2.81 0.00	39.43 3.19 0.00	40.63 3.18 0.00	43.56 3.26 0.00	42.97 3.18 0.00	47.43 3.31 0.00	49.93 3.70 0.00	57.51 4.56 -1.18	63.79 5.03 -0.32	69.80 5.47 0.00	66.76 5.00 0.00	59.62 4.16 -0.01	54.79 3.68 0.00	44.48 3.26 0.00	41.14 2.87 0.00	38.52 2.65 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	33.08 2.34 0.00	31.11 2.09 0.00	28.64 1.92 0.00	27.71 1.84 0.00	27.75 1.77 0.00	29.55 1.86 0.00	31.54 2.15 0.00	34.97 2.62 0.00	37.13 2.81 0.00	39.43 3.19 0.00	40.63 3.18 0.00	43.56 3.26 0.00	42.97 3.18 0.00	47.43 3.31 0.00	49.93 3.70 0.00	56.33 4.56 0.00	63.41 4.97 0.00	69.80 5.47 0.00	66.70 4.94 0.00	59.62 4.16 0.00	54.79 3.68 0.00	44.48 3.26 0.00	41.17 2.91 0.00	38.56 2.69 0.00
RAVENSWOOD_GT_9 24257	33.08 2.34 0.00	31.11 2.09 0.00	28.64 1.92 0.00	27.71 1.84 0.00	27.75 1.77 0.00	29.55 1.86 0.00	31.54 2.15 0.00	34.97 2.62 0.00	37.13 2.81 0.00	39.43 3.19 0.00	40.63 3.18 0.00	43.56 3.26 0.00	42.97 3.18 0.00	47.43 3.31 0.00	49.93 3.70 0.00	56.33 4.56 0.00	63.41 4.97 0.00	69.80 5.47 0.00	66.70 4.94 0.00	59.62 4.16 0.00	54.79 3.68 0.00	44.48 3.26 0.00	41.17 2.91 0.00	38.56 2.69 0.00

RAVENSWOOD___1 23533	33.35 2.61 0.00	31.25 2.23 0.00	28.75 2.03 0.00	27.79 1.91 0.00	27.85 1.87 0.00	29.63 1.94 0.00	31.75 2.35 0.00	35.07 2.72 0.00	37.37 3.05 0.00	39.14 2.90 0.00	40.71 3.26 0.00	43.56 3.26 0.00	43.05 3.26 0.00	47.43 3.31 0.00	49.88 3.65 0.00	56.38 4.61 0.00	63.47 5.03 0.00	69.80 5.47 0.00	66.64 4.88 0.00	59.56 4.10 0.00	54.63 3.52 0.00	44.52 3.30 0.00	41.48 3.21 0.00	38.70 2.83 0.00
RAVENSWOOD___2 23534	33.29 2.55 0.00	31.20 2.18 0.00	28.67 1.95 0.00	27.74 1.86 0.00	27.77 1.79 0.00	29.57 1.88 0.00	31.66 2.26 0.00	35.00 2.65 0.00	37.30 2.98 0.00	39.07 2.83 0.00	40.60 3.15 0.00	43.48 3.18 0.00	42.93 3.14 0.00	47.25 3.13 0.00	49.51 3.28 0.00	55.92 4.14 0.00	62.88 4.44 0.00	69.16 4.83 0.00	66.02 4.26 0.00	59.06 3.60 0.00	54.17 3.07 0.00	44.36 3.13 0.00	41.40 3.14 0.00	38.59 2.72 0.00
RAVENSWOOD___3 23535	33.23 2.49 0.00	31.14 2.12 0.00	28.64 1.92 0.00	27.71 1.84 0.00	27.75 1.77 0.00	29.55 1.86 0.00	31.63 2.23 0.00	34.97 2.62 0.00	37.23 2.92 0.00	39.10 2.86 0.00	40.63 3.18 0.00	43.52 3.22 0.00	42.97 3.18 0.00	47.43 3.31 0.00	49.88 3.65 0.00	56.33 4.56 0.00	63.41 4.96 0.00	69.80 5.47 0.00	66.64 4.88 0.00	59.62 4.16 0.00	54.74 3.63 0.00	44.48 3.26 0.00	41.40 3.14 0.00	38.52 2.65 0.00
RAVENSWOOD___4 23820	33.32 2.58 0.00	31.22 2.20 0.00	28.72 2.00 0.00	27.79 1.91 0.00	27.82 1.84 0.00	29.60 1.91 0.00	31.72 2.32 0.00	35.03 2.68 0.00	37.37 3.05 0.00	39.14 2.90 0.00	40.67 3.22 0.00	43.56 3.26 0.00	43.01 3.22 0.00	47.43 3.31 0.00	49.84 3.61 0.00	54.80 4.56 1.53	63.00 4.96 0.41	69.74 5.40 0.00	66.58 4.82 0.00	59.50 4.05 0.01	54.59 3.48 0.00	44.48 3.26 0.00	41.48 3.21 0.00	38.67 2.80 0.00
RCPL_TRUST___DRP 24196	33.11 2.37 0.00	31.14 2.12 0.00	28.64 1.92 0.00	27.71 1.84 0.00	27.77 1.79 0.00	29.57 1.88 0.00	31.57 2.18 0.00	35.04 2.69 0.00	37.20 2.88 0.00	39.54 3.30 0.00	40.78 3.33 0.00	43.68 3.38 0.00	43.13 3.34 0.00	47.60 3.49 0.00	50.11 3.88 0.00	56.49 4.71 0.00	63.76 5.32 0.00	70.19 5.85 0.00	67.07 5.31 0.00	59.84 4.38 0.00	54.94 3.83 0.00	44.60 3.38 0.00	41.25 2.98 0.00	38.59 2.73 0.00
RED___ROCHESTER 323720	31.08 0.34 0.00	29.40 0.38 0.00	26.85 0.13 0.00	25.85 -0.03 0.00	26.06 0.08 0.00	27.89 0.20 0.00	29.43 0.03 0.00	32.32 -0.03 0.00	34.56 0.24 0.00	37.00 0.76 0.00	38.84 1.39 0.00	42.27 1.97 0.00	42.09 2.31 0.00	47.07 2.96 0.00	48.81 2.59 0.00	54.72 2.95 0.00	62.24 3.80 0.00	68.65 4.31 0.00	65.77 4.01 0.00	59.17 3.72 0.00	54.74 3.63 0.00	43.28 2.06 0.00	39.83 1.57 0.00	37.12 1.25 0.00
REGAN___SOLAR 323812	35.23 4.49 0.00	33.34 4.32 0.00	30.46 3.74 0.00	29.47 3.60 0.00	29.72 3.74 0.00	31.90 4.21 0.00	33.84 4.44 0.00	37.27 4.92 0.00	39.50 5.18 0.00	41.49 5.25 0.00	42.92 5.47 0.00	46.46 6.17 0.00	45.67 5.89 0.00	50.91 6.79 0.00	53.03 6.80 0.00	59.85 8.07 0.00	67.68 9.23 0.00	75.53 11.19 0.00	73.50 11.74 0.00	66.22 10.76 0.00	60.92 9.81 0.00	48.56 7.34 0.00	44.50 6.24 0.00	41.14 5.27 0.00
RENSSELAER___COGEN 23796	31.57 0.83 0.00	29.77 0.75 0.00	27.47 0.75 0.00	26.62 0.75 0.00	26.71 0.73 0.00	28.38 0.69 0.00	30.13 0.74 0.00	33.06 0.71 0.00	35.11 0.79 0.00	36.93 0.69 0.00	38.20 0.75 0.00	41.02 0.73 0.00	40.42 0.63 0.00	44.78 0.66 0.00	46.96 0.74 0.00	52.71 0.93 0.00	59.55 1.11 0.00	65.69 1.35 0.00	63.12 1.36 0.00	56.68 1.22 0.00	52.18 1.07 0.00	42.21 0.99 0.00	39.11 0.84 0.00	36.62 0.75 0.00
REPUBLIC_115KV_BARTNBRK 55605	34.80 4.06 0.00	33.00 3.98 0.00	30.22 3.50 0.00	29.21 3.34 0.00	29.43 3.46 0.00	31.57 3.88 0.00	33.34 3.94 0.00	36.69 4.34 0.00	38.99 4.67 0.00	41.13 4.89 0.00	42.17 4.72 0.00	45.70 5.40 0.00	44.80 5.01 0.00	49.63 5.51 0.00	51.64 5.41 0.00	58.20 6.42 0.00	65.69 7.25 0.00	73.15 8.81 0.00	71.58 9.82 0.00	64.61 9.15 0.00	59.85 8.74 0.00	47.90 6.68 0.00	43.70 5.43 0.00	40.50 4.63 0.00
REVERE_CPPR_DRP 24186	32.06 1.32 0.00	30.24 1.22 0.00	27.76 1.04 0.00	26.81 0.93 0.00	26.94 0.96 0.00	28.91 1.22 0.00	30.75 1.35 0.00	33.90 1.55 0.00	35.86 1.54 0.00	38.15 1.74 -0.17	39.25 1.80 0.00	42.43 2.14 0.00	41.93 2.15 0.00	46.59 2.47 0.00	48.82 2.59 0.00	54.62 2.85 0.00	61.83 3.39 0.00	68.11 3.86 0.08	65.58 3.83 0.01	59.65 3.72 -0.48	54.99 3.37 -0.51	43.93 2.56 -0.15	40.56 2.22 -0.07	37.66 1.79 0.00
REYNOLDS_115KV_TB3 80639	31.79 1.05 0.00	30.04 1.02 0.00	27.73 1.02 0.00	26.88 1.01 0.00	26.94 0.96 0.00	28.63 0.94 0.00	30.37 0.97 0.00	33.39 1.04 0.00	35.38 1.06 0.00	37.40 1.16 0.00	38.57 1.12 0.00	41.38 1.09 0.00	40.78 0.99 0.00	45.18 1.06 0.00	47.38 1.16 0.00	53.12 1.35 0.00	60.14 1.69 0.00	66.26 1.93 0.00	63.74 1.98 0.00	57.12 1.66 0.00	52.69 1.58 0.00	42.54 1.32 0.00	39.37 1.11 0.00	36.94 1.08 0.00
RIVERBAY____ 323610	33.73 2.98 -0.01	31.73 2.70 -0.01	29.18 2.46 -0.01	28.24 2.35 -0.01	28.27 2.29 -0.01	30.07 2.38 0.00	32.01 2.62 0.00	35.33 2.98 0.00	37.41 3.09 0.00	39.68 3.44 0.00	40.93 3.48 0.00	43.84 3.55 0.00	43.29 3.50 0.00	47.73 3.62 0.00	50.20 3.98 0.00	56.80 5.02 0.00	63.94 5.49 0.00	70.38 6.05 0.00	67.32 5.56 0.00	60.17 4.71 0.00	55.15 4.04 0.00	45.02 3.79 0.00	41.86 3.60 0.00	39.31 3.44 0.00
RIVERSDE_115KV_TB3 55908	31.63 0.89 0.00	29.89 0.87 0.00	27.60 0.88 0.00	26.73 0.85 0.00	26.81 0.83 0.00	28.52 0.83 0.00	30.22 0.82 0.00	33.26 0.91 0.00	35.25 0.93 0.00	37.29 1.05 0.00	38.46 1.01 0.00	41.30 1.01 0.00	40.70 0.92 0.00	45.09 0.97 0.00	47.29 1.06 0.00	53.02 1.24 0.00	59.91 1.46 0.00	66.07 1.74 0.00	63.55 1.79 0.00	57.01 1.55 0.00	52.49 1.38 0.00	42.42 1.20 0.00	39.22 0.96 0.00	36.77 0.90 0.00
ROARING___BROOK_WT_PWR 323790	29.57 -1.17 0.00	27.98 -1.04 0.00	25.81 -0.91 0.00	25.02 -0.85 0.00	25.15 -0.83 0.00	26.83 -0.86 0.00	28.57 -0.82 0.00	31.54 -0.81 0.00	33.43 -0.89 0.00	35.41 -0.83 0.00	36.48 -0.97 0.00	39.17 -1.13 0.00	38.63 -1.16 0.00	42.75 -1.37 0.00	44.79 -1.43 0.00	49.86 -1.91 0.00	55.99 -2.45 0.00	56.98 -2.76 4.59	58.49 -2.59 0.67	53.23 -2.22 0.01	49.22 -1.89 0.00	39.70 -1.52 0.00	36.92 -1.34 0.00	34.76 -1.11 0.00
ROCHESRG_115KV_T4 355643	31.14 0.40 0.00	29.08 0.06 0.00	26.56 -0.16 0.00	25.59 -0.28 0.00	25.77 -0.21 0.00	27.58 -0.11 0.00	29.37 -0.03 0.00	31.80 -0.55 0.00	34.28 -0.03 0.00	36.31 0.07 0.00	37.90 0.45 0.00	41.34 1.05 0.00	41.10 1.31 0.00	46.06 1.94 0.00	47.75 1.53 0.00	53.64 1.86 0.00	60.96 2.51 0.00	67.23 2.90 0.00	64.23 2.47 0.00	58.01 2.55 0.00	53.56 2.45 0.00	42.42 1.20 0.00	39.76 1.49 0.00	36.51 0.65 0.00

ROCHESTER_9_IC 23652	31.36 0.61 0.00	29.25 0.23 0.00	26.72 0.00 0.00	25.74 -0.13 0.00	25.93 -0.05 0.00	27.77 0.08 0.00	29.54 0.15 0.00	32.03 -0.32 0.00	34.52 0.21 0.00	36.60 0.36 0.00	38.20 0.75 0.00	41.71 1.41 0.00	41.50 1.71 0.00	46.46 2.34 0.00	48.22 1.99 0.00	54.05 2.28 0.00	61.48 3.04 0.00	67.81 3.47 0.00	64.79 3.03 0.00	58.51 3.05 0.00	54.02 2.91 0.00	42.75 1.53 0.00	40.06 1.80 0.00	36.77 0.90 0.00
ROCKVIEW_13_KV_LD 356306	33.02 2.27 0.00	31.11 2.09 0.00	28.62 1.90 0.00	27.68 1.81 0.00	27.75 1.77 0.00	29.55 1.86 0.00	31.51 2.12 0.00	34.91 2.56 0.00	37.06 2.75 0.00	39.36 3.12 0.00	40.60 3.15 0.00	43.52 3.22 0.00	42.97 3.18 0.00	47.51 3.40 0.00	50.02 3.79 0.00	56.38 4.61 0.00	63.76 5.32 0.00	70.06 5.73 0.00	67.07 5.31 0.00	59.90 4.44 0.00	54.99 3.88 0.00	44.56 3.34 0.00	41.17 2.91 0.00	38.52 2.65 0.00
ROME____115KV_TB2 80656	32.06 1.32 0.00	30.24 1.22 0.00	27.76 1.04 0.00	26.81 0.93 0.00	26.94 0.96 0.00	28.91 1.22 0.00	30.75 1.35 0.00	33.90 1.55 0.00	35.86 1.54 0.00	38.15 1.74 -0.17	39.25 1.80 0.00	42.43 2.14 0.00	41.93 2.15 0.00	46.59 2.47 0.00	48.82 2.59 0.00	54.62 2.85 0.00	61.83 3.39 0.00	68.11 3.86 0.08	65.58 3.83 0.01	59.65 3.72 -0.48	54.99 3.37 -0.51	43.93 2.56 -0.15	40.56 2.22 -0.07	37.66 1.79 0.00
ROSETON____1 23587	32.55 1.81 0.00	30.56 1.54 0.00	28.16 1.44 0.00	27.27 1.40 0.00	27.33 1.35 0.00	29.10 1.41 0.00	31.04 1.65 0.00	34.19 1.84 0.00	36.34 2.02 0.00	38.23 1.99 0.00	39.62 2.17 0.00	42.47 2.17 0.00	41.89 2.11 0.00	46.32 2.20 0.00	48.68 2.45 0.00	54.83 3.05 0.00	61.95 3.51 0.00	68.19 3.86 0.00	65.28 3.52 0.00	58.40 2.94 0.00	53.76 2.66 0.00	43.57 2.35 0.00	40.56 2.30 0.00	37.84 1.97 0.00
ROSETON____2 23588	32.55 1.81 0.00	30.56 1.54 0.00	28.16 1.44 0.00	27.27 1.40 0.00	27.33 1.35 0.00	29.10 1.41 0.00	31.04 1.65 0.00	34.19 1.84 0.00	36.34 2.02 0.00	38.23 1.99 0.00	39.62 2.17 0.00	42.47 2.17 0.00	41.89 2.11 0.00	46.32 2.20 0.00	48.68 2.45 0.00	54.83 3.05 0.00	61.95 3.51 0.00	68.19 3.86 0.00	65.28 3.52 0.00	58.40 2.94 0.00	53.76 2.66 0.00	43.57 2.35 0.00	40.56 2.30 0.00	37.84 1.97 0.00
ROTTDAM_115KV_TB3 80664	31.88 1.14 0.00	30.12 1.10 0.00	27.76 1.04 0.00	26.88 1.01 0.00	26.99 1.01 0.00	28.74 1.05 0.00	30.48 1.09 0.00	33.55 1.20 0.00	35.55 1.24 0.00	37.62 1.38 0.00	38.80 1.35 0.00	41.71 1.41 0.00	41.14 1.35 0.00	45.57 1.46 0.00	47.75 1.53 0.00	53.59 1.81 0.00	60.55 2.10 0.00	66.78 2.44 0.00	64.29 2.53 0.00	57.73 2.27 0.00	53.20 2.10 0.00	42.91 1.69 0.00	39.72 1.45 0.00	37.16 1.29 0.00
RUSSELL____1 23602	31.54 0.80 0.00	29.40 0.38 0.00	26.85 0.13 0.00	25.85 -0.03 0.00	26.06 0.08 0.00	27.91 0.22 0.00	29.69 0.29 0.00	32.35 0.00 0.00	34.87 0.55 0.00	37.00 0.76 0.00	38.65 1.20 0.00	42.19 1.89 0.00	42.01 2.23 0.00	47.07 2.96 0.00	48.82 2.59 0.00	54.73 2.95 0.00	62.24 3.80 0.00	68.65 4.31 0.00	65.59 3.83 0.00	59.17 3.72 0.00	54.74 3.63 0.00	43.29 2.06 0.00	40.52 2.26 0.00	37.12 1.26 0.00
RUSSELL____2 23532	31.54 0.80 0.00	29.40 0.38 0.00	26.85 0.13 0.00	25.85 -0.03 0.00	26.06 0.08 0.00	27.91 0.22 0.00	29.69 0.29 0.00	32.35 0.00 0.00	34.87 0.55 0.00	37.00 0.76 0.00	38.65 1.20 0.00	42.19 1.89 0.00	42.01 2.23 0.00	47.07 2.96 0.00	48.82 2.59 0.00	54.73 2.95 0.00	62.24 3.80 0.00	68.65 4.31 0.00	65.59 3.83 0.00	59.17 3.72 0.00	54.74 3.63 0.00	43.29 2.06 0.00	40.52 2.26 0.00	37.12 1.26 0.00
RUSSELL____3 23549	31.54 0.80 0.00	29.40 0.38 0.00	26.85 0.13 0.00	25.85 -0.03 0.00	26.06 0.08 0.00	27.91 0.22 0.00	29.69 0.29 0.00	32.35 0.00 0.00	34.87 0.55 0.00	37.00 0.76 0.00	38.65 1.20 0.00	42.19 1.89 0.00	42.01 2.23 0.00	47.07 2.96 0.00	48.82 2.59 0.00	54.73 2.95 0.00	62.24 3.80 0.00	68.65 4.31 0.00	65.59 3.83 0.00	59.17 3.72 0.00	54.74 3.63 0.00	43.29 2.06 0.00	40.52 2.26 0.00	37.12 1.26 0.00
RUSSELL____4 23556	31.54 0.80 0.00	29.40 0.38 0.00	26.85 0.13 0.00	25.85 -0.03 0.00	26.06 0.08 0.00	27.91 0.22 0.00	29.69 0.29 0.00	32.35 0.00 0.00	34.87 0.55 0.00	37.00 0.76 0.00	38.65 1.20 0.00	42.19 1.89 0.00	42.01 2.23 0.00	47.07 2.96 0.00	48.82 2.59 0.00	54.73 2.95 0.00	62.24 3.80 0.00	68.65 4.31 0.00	65.59 3.83 0.00	59.17 3.72 0.00	54.74 3.63 0.00	43.29 2.06 0.00	40.52 2.26 0.00	37.12 1.26 0.00
RUSSELL____STATION 23914	31.54 0.80 0.00	29.40 0.38 0.00	26.85 0.13 0.00	25.85 -0.03 0.00	26.06 0.08 0.00	27.91 0.22 0.00	29.69 0.29 0.00	32.35 0.00 0.00	34.87 0.55 0.00	37.00 0.76 0.00	38.65 1.20 0.00	42.19 1.89 0.00	42.01 2.23 0.00	47.07 2.96 0.00	48.82 2.59 0.00	54.73 2.95 0.00	62.24 3.80 0.00	68.65 4.31 0.00	65.59 3.83 0.00	59.17 3.72 0.00	54.74 3.63 0.00	43.29 2.06 0.00	40.52 2.26 0.00	37.12 1.26 0.00
S SALMON____HYD 24043	30.49 -0.25 0.00	28.82 -0.20 0.00	26.45 -0.27 0.00	25.59 -0.28 0.00	25.69 -0.29 0.00	27.55 -0.14 0.00	29.22 -0.18 0.00	32.09 -0.26 0.00	34.01 -0.31 0.00	36.69 -0.36 -0.81	37.15 -0.30 0.00	40.14 -0.16 0.00	39.63 -0.16 0.00	44.03 -0.09 0.00	46.00 -0.23 0.00	51.62 -0.15 0.00	58.33 -0.12 0.00	64.12 0.00 0.21	61.85 0.12 0.03	58.08 0.39 -2.23	53.87 0.36 -2.40	41.95 0.04 -0.69	38.57 -0.04 -0.34	35.76 -0.11 0.00
S.PERRY__115KV_TB1 80734	32.52 1.78 0.00	30.30 1.28 0.00	27.65 0.94 0.00	26.60 0.72 0.00	26.81 0.83 0.00	28.88 1.19 0.00	30.66 1.26 0.00	33.03 0.68 0.00	35.28 0.96 0.00	35.99 -0.25 0.00	37.49 0.04 0.00	41.06 0.77 0.00	40.86 1.07 0.00	45.75 1.63 0.00	47.38 1.16 0.00	53.38 1.61 0.00	60.96 2.51 0.00	67.68 3.35 0.00	65.28 3.52 0.00	59.40 3.94 0.00	54.99 3.88 0.00	43.57 2.35 0.00	40.79 2.53 0.00	37.16 1.29 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	31.33 0.58 0.00	29.02 0.00 0.00	26.40 -0.32 0.00	25.38 -0.49 0.00	25.54 -0.44 0.00	27.44 -0.25 0.00	29.19 -0.21 0.00	31.15 -1.20 0.00	33.98 -0.34 0.00	35.99 -0.25 0.00	37.75 0.30 0.00	41.46 1.17 0.00	41.46 1.67 0.00	46.76 2.65 0.00	48.26 2.03 0.00	54.52 2.74 0.00	62.01 3.57 0.00	68.39 4.05 0.00	65.03 3.27 0.00	58.95 3.49 0.00	54.28 3.17 0.00	42.63 1.40 0.00	40.41 2.14 0.00	36.94 1.08 0.00
SAWYER____23_KV_LOAD 55526	31.33 0.58 0.00	29.02 0.00 0.00	26.40 -0.32 0.00	25.38 -0.49 0.00	25.54 -0.44 0.00	27.44 -0.25 0.00	29.19 -0.21 0.00	31.15 -1.20 0.00	33.98 -0.34 0.00	35.99 -0.25 0.00	37.75 0.30 0.00	41.46 1.17 0.00	41.46 1.67 0.00	46.76 2.65 0.00	48.26 2.03 0.00	54.52 2.74 0.00	62.01 3.57 0.00	68.39 4.05 0.00	65.03 3.27 0.00	58.95 3.49 0.00	54.28 3.17 0.00	42.63 1.40 0.00	40.41 2.14 0.00	36.94 1.08 0.00

SELKIRK___I 23801	31.82 1.08 0.00	30.06 1.04 0.00	27.71 0.99 0.00	26.86 0.98 0.00	26.97 0.99 0.00	28.66 0.97 0.00	30.36 0.97 0.00	33.26 0.90 0.00	35.28 0.96 0.00	37.11 0.87 0.00	38.39 0.94 0.00	41.22 0.93 0.00	40.66 0.87 0.00	45.05 0.93 0.00	47.24 1.02 0.00	52.97 1.19 0.00	59.85 1.40 0.00	66.00 1.67 0.00	63.43 1.67 0.00	56.96 1.50 0.00	52.43 1.33 0.00	42.42 1.20 0.00	39.38 1.11 0.00	36.80 0.93 0.00
SELKIRK___II 23799	31.63 0.89 0.00	29.83 0.81 0.00	27.52 0.80 0.00	26.68 0.80 0.00	26.78 0.81 0.00	28.46 0.77 0.00	30.19 0.79 0.00	33.16 0.81 0.00	35.18 0.86 0.00	37.04 0.80 0.00	38.31 0.86 0.00	41.14 0.85 0.00	40.58 0.80 0.00	44.95 0.84 0.00	47.15 0.92 0.00	52.86 1.09 0.00	59.73 1.28 0.00	65.88 1.54 0.00	63.31 1.54 0.00	56.85 1.39 0.00	52.33 1.22 0.00	42.29 1.07 0.00	39.26 0.99 0.00	36.73 0.86 0.00
SENECA_OSWGO___HYD 24041	30.43 -0.31 0.00	28.76 -0.26 0.00	26.42 -0.29 0.00	25.54 -0.34 0.00	25.64 -0.34 0.00	27.41 -0.28 0.00	29.07 -0.32 0.00	31.96 -0.39 0.00	33.94 -0.38 0.00	36.98 -0.40 -1.14	37.19 -0.26 0.00	40.18 -0.12 0.00	39.71 -0.08 0.00	44.12 0.00 0.00	46.09 -0.14 0.00	51.72 -0.05 0.00	58.62 0.18 0.00	64.53 0.19 0.00	61.95 0.19 0.00	58.82 0.22 -3.14	54.68 0.21 -3.37	42.15 -0.04 -0.97	38.63 -0.11 -0.48	35.62 -0.25 0.00
SENECA___115KV_TB3 355854	31.69 0.95 0.00	29.34 0.32 0.00	26.72 0.00 0.00	25.67 -0.21 0.00	25.82 -0.16 0.00	27.80 0.11 0.00	29.57 0.18 0.00	31.67 -0.68 0.00	34.52 0.21 0.00	36.64 0.40 0.00	38.42 0.97 0.00	42.19 1.89 0.00	42.17 2.39 0.00	47.60 3.49 0.00	49.19 2.96 0.00	55.61 3.83 0.00	63.18 4.73 0.00	69.61 5.28 0.00	66.21 4.45 0.00	60.01 4.55 0.00	55.15 4.04 0.00	43.29 2.06 0.00	41.02 2.76 0.00	37.45 1.58 0.00
SENECA___ENERGY 23797	30.90 0.15 0.00	29.17 0.15 0.00	26.77 0.05 0.00	25.82 -0.05 0.00	25.98 0.00 0.00	27.89 0.20 0.00	29.48 0.09 0.00	32.42 0.06 0.00	34.49 0.17 0.00	37.06 0.36 -0.45	38.16 0.71 0.00	41.34 1.05 0.00	40.94 1.15 0.00	45.66 1.54 0.00	47.52 1.29 0.00	53.43 1.66 0.00	60.67 2.22 0.00	66.91 2.58 0.00	64.35 2.59 0.00	59.09 2.38 -1.25	54.59 2.15 -1.34	42.84 1.24 -0.38	39.41 0.96 -0.19	36.55 0.68 0.00
SHOEMAKER___GT 23640	32.31 1.57 0.00	30.38 1.36 0.00	27.97 1.26 0.00	27.09 1.22 0.00	27.17 1.20 0.00	28.91 1.22 0.00	30.84 1.44 0.00	33.90 1.55 0.00	36.03 1.72 0.00	37.98 1.74 0.00	39.32 1.87 0.00	42.23 1.93 0.00	41.70 1.91 0.00	46.10 1.99 0.00	48.49 2.26 0.00	54.62 2.85 0.00	61.72 3.27 0.00	68.00 3.67 0.00	65.16 3.39 0.00	58.40 2.94 0.00	53.66 2.55 0.00	43.41 2.18 0.00	40.29 2.03 0.00	37.55 1.69 0.00
SHOEMAKR_138KV_BK 111 55601	32.19 1.44 0.00	30.38 1.36 0.00	27.97 1.26 0.00	27.09 1.22 0.00	27.15 1.17 0.00	28.91 1.22 0.00	30.75 1.35 0.00	33.90 1.55 0.00	36.00 1.68 0.00	38.20 1.96 0.00	39.40 1.95 0.00	42.27 1.97 0.00	41.74 1.95 0.00	46.15 2.03 0.00	48.54 2.31 0.00	54.62 2.85 0.00	61.72 3.27 0.00	68.00 3.67 0.00	65.22 3.46 0.00	58.34 2.88 0.00	53.61 2.50 0.00	43.41 2.18 0.00	40.14 1.88 0.00	37.55 1.69 0.00
SHOREHAM_IC_1 23715	38.40 2.61 -5.05	36.21 2.32 -4.87	32.63 2.14 -3.77	31.33 2.04 -3.41	30.92 2.05 -2.89	32.89 2.08 -3.12	33.97 2.41 -2.17	35.43 2.46 -0.63	38.16 2.81 -1.03	38.85 2.61 0.00	40.19 2.73 0.00	43.17 2.78 -0.09	42.62 2.83 0.00	47.45 3.31 -0.02	50.28 3.56 -0.49	56.38 4.61 0.00	69.92 5.84 -5.63	72.88 6.43 -2.11	68.01 6.24 -0.01	60.52 5.05 -0.01	55.61 4.50 0.00	45.28 4.04 -0.01	41.52 3.25 0.00	38.92 3.05 0.00
SHOREHAM_IC_2 23716	38.40 2.61 -5.05	36.21 2.32 -4.87	32.63 2.14 -3.77	31.33 2.04 -3.41	30.92 2.05 -2.89	32.89 2.08 -3.12	33.97 2.41 -2.17	35.43 2.46 -0.63	38.16 2.81 -1.03	38.85 2.61 0.00	40.19 2.73 0.00	43.17 2.78 -0.09	42.62 2.83 0.00	47.45 3.31 -0.02	50.28 3.56 -0.49	56.38 4.61 0.00	69.92 5.84 -5.63	72.88 6.43 -2.11	68.01 6.24 -0.01	60.52 5.05 -0.01	55.61 4.50 0.00	45.28 4.04 -0.01	41.52 3.25 0.00	38.92 3.05 0.00
SISSONVILLE____ 23735	29.30 -1.44 0.00	27.80 -1.22 0.00	25.60 -1.12 0.00	24.79 -1.09 0.00	24.97 -1.01 0.00	26.67 -1.02 0.00	28.43 -0.97 0.00	31.41 -0.94 0.00	33.01 -1.30 0.00	34.86 -1.49 0.00	35.88 -1.57 0.00	38.40 -1.89 0.00	37.92 -1.87 0.00	42.04 -2.07 0.00	44.10 -2.13 0.00	48.98 -2.80 0.00	54.30 -4.15 0.00	57.28 -4.70 2.35	57.03 -4.39 0.35	51.92 -3.83 -0.29	48.26 -3.17 -0.32	38.80 -2.51 -0.09	36.24 -2.07 -0.05	34.29 -1.58 0.00
SITHE_IND_GS1 24169	29.94 -0.80 0.00	28.26 -0.75 0.00	26.00 -0.72 0.00	25.15 -0.72 0.00	25.25 -0.73 0.00	26.97 -0.72 0.00	28.60 -0.79 0.00	31.45 -0.91 0.00	33.39 -0.93 0.00	31.99 -0.94 3.31	36.63 -0.82 0.00	39.53 -0.77 0.00	39.03 -0.76 0.00	43.37 -0.75 0.00	45.35 -0.88 0.00	50.84 -0.93 0.00	57.51 -0.94 0.00	63.37 -0.96 0.00	60.77 -0.99 0.00	45.53 -0.83 9.10	40.57 -0.77 9.78	37.64 -0.78 2.80	36.08 -0.81 1.38	35.04 -0.82 0.00
SITHE_IND_GS2 24170	29.94 -0.80 0.00	28.26 -0.75 0.00	26.00 -0.72 0.00	25.15 -0.72 0.00	25.25 -0.73 0.00	26.97 -0.72 0.00	28.60 -0.79 0.00	31.45 -0.91 0.00	33.39 -0.93 0.00	31.99 -0.94 3.31	36.63 -0.82 0.00	39.53 -0.77 0.00	39.03 -0.76 0.00	43.37 -0.75 0.00	45.35 -0.88 0.00	50.84 -0.93 0.00	57.51 -0.94 0.00	63.37 -0.96 0.00	60.77 -0.99 0.00	45.53 -0.83 9.10	40.57 -0.77 9.78	37.64 -0.78 2.80	36.08 -0.81 1.38	35.04 -0.82 0.00
SITHE_IND_GS3 24171	29.94 -0.80 0.00	28.26 -0.75 0.00	26.00 -0.72 0.00	25.15 -0.72 0.00	25.25 -0.73 0.00	26.97 -0.72 0.00	28.60 -0.79 0.00	31.45 -0.91 0.00	33.39 -0.93 0.00	31.99 -0.94 3.31	36.63 -0.82 0.00	39.53 -0.77 0.00	39.03 -0.76 0.00	43.37 -0.75 0.00	45.35 -0.88 0.00	50.84 -0.93 0.00	57.51 -0.94 0.00	63.37 -0.96 0.00	60.77 -0.99 0.00	45.53 -0.83 9.10	40.57 -0.77 9.78	37.64 -0.78 2.80	36.08 -0.81 1.38	35.04 -0.82 0.00
SITHE_IND_GS4 24172	29.94 -0.80 0.00	28.26 -0.75 0.00	26.00 -0.72 0.00	25.15 -0.72 0.00	25.25 -0.73 0.00	26.97 -0.72 0.00	28.60 -0.79 0.00	31.45 -0.91 0.00	33.39 -0.93 0.00	31.99 -0.94 3.31	36.63 -0.82 0.00	39.53 -0.77 0.00	39.03 -0.76 0.00	43.37 -0.75 0.00	45.35 -0.88 0.00	50.84 -0.93 0.00	57.51 -0.94 0.00	63.37 -0.96 0.00	60.77 -0.99 0.00	45.53 -0.83 9.10	40.57 -0.77 9.78	37.64 -0.78 2.80	36.08 -0.81 1.38	35.04 -0.82 0.00
SITHE___BATAVIA 24024	31.23 0.49 0.00	29.54 0.52 0.00	26.91 0.19 0.00	25.87 0.00 0.00	26.08 0.10 0.00	28.02 0.33 0.00	29.46 0.06 0.00	32.06 -0.29 0.00	34.39 0.07 0.00	36.89 0.65 0.00	38.91 1.46 0.00	42.55 2.26 0.00	42.49 2.71 0.00	47.69 3.57 0.00	49.19 2.96 0.00	55.30 3.52 0.00	63.06 4.62 0.00	69.54 5.21 0.00	66.76 5.00 0.00	60.23 4.77 0.00	55.66 4.55 0.00	43.70 2.47 0.00	40.18 1.91 0.00	37.59 1.72 0.00

SITHE___INDEPEND 23800	30.03 -0.71 0.00	28.29 -0.73 0.00	26.00 -0.72 0.00	25.15 -0.72 0.00	25.25 -0.73 0.00	26.97 -0.72 0.00	28.63 -0.76 0.00	31.45 -0.91 0.00	33.43 -0.89 0.00	32.03 -0.91 3.31	36.59 -0.86 0.00	39.49 -0.81 0.00	39.03 -0.76 0.00	43.37 -0.75 0.00	45.35 -0.88 0.00	50.84 -0.93 0.00	57.51 -0.94 0.00	63.37 -0.97 0.00	60.77 -0.99 0.00	45.53 -0.83 9.10	40.56 -0.77 9.78	37.64 -0.78 2.80	36.23 -0.65 1.38	35.04 -0.82 0.00
SITHE___MASSENA 23902	30.04 -0.71 0.00	28.47 -0.55 0.00	26.21 -0.51 0.00	25.38 -0.49 0.00	25.54 -0.44 0.00	27.25 -0.44 0.00	28.98 -0.41 0.00	32.00 -0.36 0.00	33.70 -0.62 0.00	35.70 -0.54 0.00	36.66 -0.79 0.00	39.25 -1.05 0.00	38.75 -1.03 0.00	42.97 -1.15 0.00	45.17 -1.06 0.00	50.17 -1.61 0.00	55.82 -2.63 0.00	58.46 -3.02 2.86	58.44 -2.90 0.42	52.85 -2.61 0.01	49.06 -2.05 0.00	39.62 -1.61 0.00	37.23 -1.03 0.00	35.15 -0.72 0.00
SITHE___OGDNSBRG 24021	30.10 -0.65 0.00	28.56 -0.46 0.00	26.26 -0.45 0.00	25.43 -0.44 0.00	25.61 -0.36 0.00	27.39 -0.30 0.00	29.19 -0.21 0.00	32.22 -0.13 0.00	33.80 -0.51 0.00	35.55 -0.69 0.00	36.66 -0.79 0.00	39.25 -1.05 0.00	38.75 -1.03 0.00	42.97 -1.15 0.00	45.16 -1.06 0.00	50.07 -1.71 0.00	55.64 -2.81 0.00	58.63 -3.15 2.55	58.54 -2.84 0.37	53.12 -2.33 0.01	49.37 -1.74 0.00	39.82 -1.40 0.00	37.19 -1.07 0.00	35.26 -0.61 0.00
SITHE___STERLING 23777	31.82 1.08 0.00	30.03 1.02 0.00	27.57 0.85 0.00	26.65 0.78 0.00	26.76 0.78 0.00	28.69 1.00 0.00	30.45 1.06 0.00	33.58 1.23 0.00	35.59 1.27 0.00	37.84 1.41 -0.19	39.02 1.57 0.00	42.15 1.85 0.00	41.66 1.87 0.00	46.23 2.12 0.00	48.40 2.17 0.00	54.26 2.49 0.00	61.42 2.98 0.00	67.68 3.34 0.00	65.09 3.33 0.00	59.19 3.22 -0.51	54.57 2.91 -0.55	43.52 2.14 -0.16	40.14 1.80 -0.08	37.37 1.51 0.00
SLEIGHT___34_KV_TB1 80719	31.08 0.34 0.00	29.11 0.09 0.00	26.61 -0.11 0.00	25.67 -0.21 0.00	25.85 -0.13 0.00	27.72 0.03 0.00	29.48 0.09 0.00	32.19 -0.16 0.00	34.49 0.17 0.00	36.69 0.33 -0.13	38.09 0.64 0.00	41.38 1.09 0.00	41.10 1.31 0.00	45.93 1.81 0.00	47.75 1.53 0.00	53.54 1.76 0.00	60.84 2.40 0.00	67.10 2.77 0.00	64.23 2.47 0.00	58.19 2.38 -0.34	53.73 2.25 -0.37	42.53 1.20 -0.11	39.66 1.34 -0.05	36.48 0.61 0.00
SOUTH CAIRO___GT 23612	32.49 1.75 0.00	30.73 1.71 0.00	28.29 1.58 0.00	27.45 1.58 0.00	27.56 1.58 0.00	29.24 1.55 0.00	31.04 1.65 0.00	33.84 1.49 0.00	35.90 1.58 0.00	37.83 1.59 0.00	38.84 1.39 0.00	41.71 1.41 0.00	41.22 1.43 0.00	45.79 1.68 0.00	48.08 1.85 0.00	54.00 2.23 0.00	61.13 2.69 0.00	68.13 3.80 0.00	66.08 4.32 0.00	59.51 4.05 0.00	54.84 3.73 0.00	44.03 2.80 0.00	40.48 2.22 0.00	37.91 2.04 0.00
SOUTH HAMPTN___IC 23720	38.95 3.17 -5.05	36.70 2.81 -4.87	33.08 2.59 -3.77	31.77 2.48 -3.41	31.34 2.47 -2.89	33.36 2.55 -3.12	34.44 2.88 -2.17	36.02 3.04 -0.63	38.88 3.54 -1.03	39.68 3.44 0.00	41.16 3.71 0.00	44.22 3.83 -0.09	43.69 3.90 0.00	48.68 4.55 -0.02	51.47 4.76 -0.48	57.73 5.95 0.00	71.48 7.48 -5.56	74.65 8.24 -2.08	69.61 7.84 -0.01	61.90 6.43 -0.01	56.83 5.72 0.00	46.26 5.03 -0.01	42.32 4.05 0.00	39.63 3.77 0.00
SOUTHDOW___115KV_TB1 355954	32.71 1.97 0.00	30.24 1.22 0.00	27.55 0.83 0.00	26.44 0.57 0.00	26.60 0.62 0.00	28.85 1.16 0.00	30.81 1.41 0.00	33.45 1.10 0.00	36.38 2.06 0.00	38.67 2.43 0.00	40.63 3.18 0.00	44.37 4.07 0.00	44.44 4.65 0.00	50.21 6.09 0.00	51.77 5.55 0.00	58.56 6.78 0.00	66.57 8.12 0.00	73.15 8.81 0.00	69.60 7.84 0.00	63.11 7.65 0.00	58.01 6.90 0.00	45.59 4.37 0.00	43.16 4.90 0.00	39.17 3.30 0.00
SOUTHOLD_69_KV_BK 2 55809	39.35 3.57 -5.05	37.11 3.22 -4.87	33.45 2.97 -3.77	32.16 2.87 -3.41	31.70 2.83 -2.89	33.75 2.94 -3.12	34.74 3.17 -2.17	36.50 3.53 -0.63	39.43 4.08 -1.03	40.77 4.53 0.00	41.91 4.46 0.00	45.06 4.67 -0.09	44.41 4.62 0.00	49.79 5.65 -0.02	52.53 5.82 -0.48	58.87 7.09 0.00	72.95 8.94 -5.56	76.39 9.97 -2.08	71.34 9.57 -0.01	63.29 7.82 -0.01	58.06 6.95 0.00	47.29 6.06 -0.01	42.75 4.48 0.00	40.28 4.41 0.00
SOUTHOLD___IC 23719	39.44 3.66 -5.05	37.14 3.25 -4.87	33.45 2.97 -3.77	32.16 2.87 -3.41	31.70 2.83 -2.89	33.75 2.93 -3.12	34.82 3.26 -2.17	36.54 3.56 -0.63	39.53 4.19 -1.03	40.30 4.06 0.00	41.87 4.42 0.00	45.06 4.67 -0.09	44.44 4.65 0.00	49.65 5.51 -0.02	52.44 5.73 -0.48	58.87 7.09 0.00	72.95 8.94 -5.56	76.39 9.97 -2.08	71.28 9.51 -0.01	63.29 7.82 -0.01	58.06 6.95 0.00	47.30 6.06 -0.01	43.09 4.82 0.00	40.35 4.48 0.00
SOUTH_FORK_WT_PWR 323839	39.35 3.56 -5.05	37.02 3.14 -4.87	33.35 2.86 -3.77	32.08 2.80 -3.41	31.62 2.75 -2.89	33.64 2.83 -3.12	34.71 3.15 -2.17	36.40 3.43 -0.63	39.40 4.05 -1.03	40.16 3.92 0.00	41.69 4.23 0.00	44.82 4.43 -0.09	44.17 4.38 0.00	49.34 5.20 -0.02	52.07 5.36 -0.48	58.46 6.68 0.00	72.60 8.59 -5.56	76.00 9.59 -2.08	70.91 9.14 -0.01	62.95 7.48 -0.01	57.81 6.69 0.00	47.13 5.89 -0.01	42.94 4.67 0.00	40.24 4.37 0.00
SPIERFLS_115KV_TB 1 80737	32.71 1.97 0.00	30.96 1.94 0.00	28.48 1.76 0.00	27.56 1.68 0.00	27.69 1.71 0.00	29.57 1.88 0.00	31.28 1.88 0.00	34.49 2.14 0.00	36.62 2.30 0.00	38.67 2.43 0.00	39.55 2.10 0.00	42.63 2.34 0.00	41.93 2.15 0.00	46.23 2.12 0.00	48.31 2.08 0.00	54.36 2.59 0.00	61.43 2.98 0.00	68.07 3.73 0.00	66.45 4.69 0.00	59.78 4.33 0.00	55.45 4.34 0.00	44.56 3.34 0.00	40.91 2.64 0.00	38.09 2.22 0.00
ST LAWRENCE____ 23600	29.88 -0.86 0.00	28.26 -0.75 0.00	26.05 -0.67 0.00	25.23 -0.65 0.00	25.35 -0.62 0.00	27.03 -0.66 0.00	28.75 -0.65 0.00	31.67 -0.68 0.00	33.49 -0.82 0.00	35.41 -0.83 0.00	36.36 -1.09 0.00	39.05 -1.25 0.00	38.55 -1.23 0.00	42.75 -1.37 0.00	44.84 -1.39 0.00	49.96 -1.81 0.00	56.05 -2.40 0.00	58.64 -2.70 2.99	58.73 -2.59 0.44	53.12 -2.33 0.01	49.11 -1.99 0.00	39.70 -1.52 0.00	37.00 -1.26 0.00	34.90 -0.97 0.00
STATE_CA_115KV_115_LB 55624	31.69 0.95 0.00	29.98 0.96 0.00	27.63 0.91 0.00	26.78 0.91 0.00	26.86 0.88 0.00	28.58 0.89 0.00	30.28 0.88 0.00	33.32 0.97 0.00	35.35 1.03 0.00	37.40 1.16 0.00	38.57 1.12 0.00	41.46 1.17 0.00	40.86 1.07 0.00	45.26 1.15 0.00	47.43 1.20 0.00	53.22 1.45 0.00	60.14 1.69 0.00	66.33 1.99 0.00	63.80 2.04 0.00	57.23 1.77 0.00	52.69 1.58 0.00	42.54 1.32 0.00	39.34 1.07 0.00	36.87 1.00 0.00
STATE_ST_34_KV_LOAD 55959	31.23 0.49 0.00	29.37 0.35 0.00	26.93 0.21 0.00	26.03 0.16 0.00	26.13 0.16 0.00	28.00 0.30 0.00	29.75 0.35 0.00	32.67 0.32 0.00	34.83 0.51 0.00	37.42 0.65 -0.53	38.20 0.75 0.00	41.38 1.09 0.00	40.90 1.11 0.00	45.57 1.46 0.00	47.52 1.29 0.00	53.38 1.61 0.00	60.55 2.10 0.00	66.78 2.44 0.00	64.11 2.35 0.00	59.13 2.22 -1.45	54.66 1.99 -1.56	42.95 1.28 -0.45	39.79 1.30 -0.22	36.66 0.79 0.00

STATION 5_MISC_HYD 23604	30.93 0.19 0.00	29.25 0.23 0.00	26.72 0.00 0.00	25.75 -0.13 0.00	25.93 -0.05 0.00	27.75 0.06 0.00	29.28 -0.12 0.00	32.00 -0.36 0.00	34.25 -0.07 0.00	36.57 0.33 0.00	38.39 0.94 0.00	41.79 1.49 0.00	41.58 1.79 0.00	46.45 2.34 0.00	48.17 1.94 0.00	54.05 2.28 0.00	61.48 3.04 0.00	67.81 3.47 0.00	64.97 3.21 0.00	58.45 2.99 0.00	54.02 2.91 0.00	42.75 1.53 0.00	39.41 1.15 0.00	36.77 0.90 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	31.45 0.71 0.00	29.43 0.41 0.00	26.91 0.19 0.00	25.95 0.08 0.00	26.13 0.16 0.00	28.02 0.33 0.00	29.81 0.41 0.00	32.55 0.19 0.00	34.90 0.58 0.00	37.17 0.80 -0.13	38.57 1.12 0.00	41.99 1.69 0.00	41.70 1.91 0.00	46.68 2.56 0.00	48.49 2.27 0.00	54.36 2.59 0.00	61.83 3.39 0.00	68.19 3.86 0.00	65.28 3.52 0.00	59.21 3.38 -0.37	54.67 3.17 -0.39	43.19 1.86 -0.11	40.27 1.95 -0.06	36.94 1.08 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	31.17 0.43 0.00	29.08 0.06 0.00	26.56 -0.16 0.00	25.59 -0.28 0.00	25.77 -0.21 0.00	27.64 -0.06 0.00	29.40 0.00 0.00	31.93 -0.42 0.00	34.39 0.07 0.00	36.46 0.22 0.00	38.05 0.60 0.00	41.50 1.21 0.00	41.30 1.51 0.00	46.23 2.12 0.00	47.98 1.76 0.00	53.79 2.02 0.00	61.19 2.75 0.00	67.42 3.09 0.00	64.48 2.72 0.00	58.18 2.72 0.00	53.71 2.61 0.00	42.54 1.32 0.00	39.80 1.53 0.00	36.55 0.68 0.00
STA_56____34_KV_BUS2 355983	31.17 0.43 0.00	29.08 0.06 0.00	26.56 -0.16 0.00	25.59 -0.28 0.00	25.77 -0.21 0.00	27.64 -0.06 0.00	29.40 0.00 0.00	31.93 -0.42 0.00	34.39 0.07 0.00	36.46 0.22 0.00	38.05 0.60 0.00	41.50 1.21 0.00	41.30 1.51 0.00	46.23 2.12 0.00	47.98 1.76 0.00	53.79 2.02 0.00	61.19 2.75 0.00	67.42 3.09 0.00	64.48 2.72 0.00	58.18 2.72 0.00	53.71 2.61 0.00	42.54 1.32 0.00	39.80 1.53 0.00	36.55 0.68 0.00
STA_67____115KV_BK2 355882	31.29 0.55 0.00	29.19 0.17 0.00	26.64 -0.08 0.00	25.67 -0.21 0.00	25.85 -0.13 0.00	27.69 0.00 0.00	29.48 0.09 0.00	31.93 -0.42 0.00	34.42 0.10 0.00	36.46 0.22 0.00	38.09 0.64 0.00	41.54 1.25 0.00	41.34 1.55 0.00	46.32 2.21 0.00	48.03 1.80 0.00	53.90 2.12 0.00	61.31 2.86 0.00	67.55 3.22 0.00	64.60 2.84 0.00	58.29 2.83 0.00	53.82 2.71 0.00	42.63 1.40 0.00	39.95 1.68 0.00	36.66 0.79 0.00
STA_7____115KV_9TRANS 80674	31.54 0.80 0.00	29.40 0.38 0.00	26.85 0.13 0.00	25.85 -0.03 0.00	26.06 0.08 0.00	27.91 0.22 0.00	29.69 0.29 0.00	32.35 0.00 0.00	34.87 0.55 0.00	37.00 0.76 0.00	38.65 1.20 0.00	42.19 1.89 0.00	42.01 2.23 0.00	47.07 2.96 0.00	48.82 2.59 0.00	54.73 2.95 0.00	62.24 3.80 0.00	68.65 4.31 0.00	65.59 3.83 0.00	59.17 3.72 0.00	54.74 3.63 0.00	43.29 2.06 0.00	40.52 2.26 0.00	37.12 1.26 0.00
STA_82____115KV_TB1 80780	31.29 0.55 0.00	29.19 0.17 0.00	26.66 -0.05 0.00	25.69 -0.18 0.00	25.87 -0.10 0.00	27.72 0.03 0.00	29.48 0.09 0.00	31.96 -0.39 0.00	34.46 0.14 0.00	36.49 0.25 0.00	38.12 0.67 0.00	41.59 1.29 0.00	41.38 1.59 0.00	46.32 2.21 0.00	48.03 1.80 0.00	53.90 2.12 0.00	61.31 2.86 0.00	67.62 3.28 0.00	64.60 2.84 0.00	58.34 2.88 0.00	53.87 2.76 0.00	42.63 1.40 0.00	39.95 1.68 0.00	36.69 0.82 0.00
STEEL____WIND 323596	30.99 0.24 0.00	29.31 0.29 0.00	26.69 -0.03 0.00	25.64 -0.23 0.00	25.82 -0.15 0.00	27.75 0.06 0.00	29.13 -0.27 0.00	31.64 -0.71 0.00	34.08 -0.24 0.00	36.57 0.33 0.00	38.65 1.20 0.00	42.27 1.97 0.00	42.29 2.51 0.00	47.56 3.44 0.00	49.05 2.82 0.00	55.51 3.73 0.00	63.12 4.68 0.00	69.48 5.15 0.00	66.45 4.69 0.00	59.95 4.49 0.00	55.10 3.99 0.00	43.24 2.02 0.00	39.87 1.61 0.00	37.41 1.54 0.00
STEPHTWN_115KV_BK_2 55603	31.94 1.20 0.00	30.18 1.16 0.00	27.81 1.10 0.00	26.93 1.06 0.00	27.02 1.04 0.00	28.77 1.08 0.00	30.51 1.12 0.00	33.55 1.20 0.00	35.59 1.27 0.00	37.62 1.38 0.00	38.80 1.35 0.00	41.71 1.41 0.00	41.06 1.27 0.00	45.48 1.37 0.00	47.66 1.43 0.00	53.54 1.76 0.00	60.49 2.05 0.00	66.84 2.51 0.00	64.35 2.59 0.00	57.68 2.22 0.00	53.15 2.04 0.00	42.87 1.65 0.00	39.60 1.34 0.00	37.12 1.26 0.00
STEUBEN_REC_LFGE 323667	32.09 1.35 0.00	29.89 0.87 0.00	27.28 0.56 0.00	26.26 0.39 0.00	26.39 0.42 0.00	28.49 0.80 0.00	30.25 0.85 0.00	32.77 0.42 0.00	35.28 0.96 0.00	37.49 1.09 -0.17	38.95 1.50 0.00	42.47 2.18 0.00	42.29 2.51 0.00	47.51 3.40 0.00	49.23 3.00 0.00	55.50 3.73 0.00	63.30 4.85 0.00	70.00 5.66 0.00	67.13 5.37 0.00	61.30 5.38 -0.46	56.46 4.86 -0.49	44.42 3.05 -0.14	41.70 3.37 -0.07	37.98 2.12 0.00
STILLWATER____SOLAR 323814	32.86 2.12 0.00	31.02 2.00 0.00	28.54 1.82 0.00	27.63 1.76 0.00	27.77 1.79 0.00	29.60 1.91 0.00	31.37 1.97 0.00	34.49 2.13 0.00	36.62 2.30 0.00	38.52 2.28 0.00	39.74 2.28 0.00	42.79 2.50 0.00	42.09 2.31 0.00	46.59 2.47 0.00	48.72 2.49 0.00	54.83 3.05 0.00	62.01 3.57 0.00	68.51 4.18 0.00	66.33 4.57 0.00	59.62 4.16 0.00	55.10 3.99 0.00	44.36 3.13 0.00	40.94 2.68 0.00	38.17 2.30 0.00
STONY____BROOK 24151	38.77 2.98 -5.05	36.53 2.64 -4.87	32.89 2.41 -3.77	31.62 2.33 -3.41	31.16 2.29 -2.89	33.19 2.38 -3.12	34.30 2.73 -2.17	36.02 3.04 -0.63	38.78 3.43 -1.03	39.50 3.26 0.00	40.83 3.37 0.00	43.81 3.42 -0.09	43.33 3.54 0.00	48.15 4.01 -0.02	50.94 4.21 -0.50	56.59 4.82 0.00	70.29 6.02 -5.82	73.09 6.57 -2.19	67.89 6.12 -0.02	60.41 4.93 -0.02	55.56 4.44 0.00	45.40 4.16 -0.02	41.79 3.52 0.00	39.28 3.41 0.00
STURGEON_POOL_HYD 23609	32.46 1.72 0.00	30.59 1.57 0.00	28.19 1.47 0.00	27.30 1.42 0.00	27.36 1.38 0.00	29.08 1.38 0.00	30.98 1.59 0.00	34.20 1.84 0.00	36.31 1.99 0.00	38.60 2.36 0.00	39.77 2.32 0.00	42.63 2.34 0.00	42.09 2.31 0.00	46.50 2.38 0.00	49.00 2.77 0.00	55.19 3.42 0.00	62.36 3.92 0.00	68.71 4.37 0.00	65.78 4.01 0.00	58.79 3.33 0.00	53.61 2.50 0.00	43.41 2.18 0.00	40.18 1.91 0.00	37.59 1.72 0.00
ST_LAW_115_BK7_LBMP 345037	29.82 -0.92 0.00	28.21 -0.81 0.00	26.00 -0.72 0.00	25.18 -0.70 0.00	25.30 -0.68 0.00	26.97 -0.72 0.00	28.69 -0.71 0.00	31.64 -0.71 0.00	33.43 -0.89 0.00	35.34 -0.90 0.00	36.29 -1.16 0.00	38.97 -1.33 0.00	38.43 -1.35 0.00	42.62 -1.50 0.00	44.75 -1.48 0.00	49.81 -1.97 0.00	55.82 -2.63 0.00	58.42 -2.96 2.96	58.49 -2.84 0.44	52.90 -2.55 0.01	48.91 -2.20 0.00	39.53 -1.69 0.00	36.92 -1.34 0.00	34.83 -1.04 0.00
ST_LAW_115_BK8_LBMP 345038	29.82 -0.92 0.00	28.21 -0.81 0.00	26.00 -0.72 0.00	25.18 -0.70 0.00	25.30 -0.68 0.00	26.97 -0.72 0.00	28.69 -0.71 0.00	31.64 -0.71 0.00	33.43 -0.89 0.00	35.34 -0.90 0.00	36.29 -1.16 0.00	38.97 -1.33 0.00	38.43 -1.35 0.00	42.62 -1.50 0.00	44.75 -1.48 0.00	49.81 -1.97 0.00	55.82 -2.63 0.00	58.42 -2.96 2.96	58.49 -2.84 0.44	52.90 -2.55 0.01	48.91 -2.20 0.00	39.53 -1.69 0.00	36.92 -1.34 0.00	34.83 -1.04 0.00

ST_LAW_230_BK5_LBMP 345035	29.88 -0.86 0.00	28.26 -0.75 0.00	26.05 -0.67 0.00	25.23 -0.65 0.00	25.35 -0.62 0.00	27.03 -0.66 0.00	28.75 -0.65 0.00	31.67 -0.68 0.00	33.49 -0.82 0.00	35.41 -0.83 0.00	36.36 -1.09 0.00	39.05 -1.25 0.00	38.55 -1.23 0.00	42.75 -1.37 0.00	44.84 -1.39 0.00	49.96 -1.81 0.00	56.05 -2.40 0.00	58.61 -2.70 3.02	58.72 -2.59 0.44	53.12 -2.33 0.01	49.11 -1.99 0.00	39.70 -1.52 0.00	37.00 -1.26 0.00	34.90 -0.97 0.00
ST_LAW_230_BK6_LBMP 345036	29.88 -0.86 0.00	28.26 -0.75 0.00	26.05 -0.67 0.00	25.23 -0.65 0.00	25.35 -0.62 0.00	27.03 -0.66 0.00	28.75 -0.65 0.00	31.67 -0.68 0.00	33.49 -0.82 0.00	35.41 -0.83 0.00	36.36 -1.09 0.00	39.05 -1.25 0.00	38.55 -1.23 0.00	42.75 -1.37 0.00	44.84 -1.39 0.00	49.96 -1.81 0.00	56.05 -2.40 0.00	58.61 -2.70 3.02	58.72 -2.59 0.44	53.12 -2.33 0.01	49.11 -1.99 0.00	39.70 -1.52 0.00	37.00 -1.26 0.00	34.90 -0.97 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	32.37 1.63 0.00	30.53 1.51 0.00	28.11 1.39 0.00	27.22 1.35 0.00	27.28 1.30 0.00	29.05 1.36 0.00	30.92 1.53 0.00	34.13 1.78 0.00	36.24 1.92 0.00	38.49 2.25 0.00	39.70 2.25 0.00	42.55 2.26 0.00	42.01 2.23 0.00	46.46 2.34 0.00	48.91 2.68 0.00	55.09 3.31 0.00	62.24 3.80 0.00	68.52 4.18 0.00	65.65 3.89 0.00	58.68 3.22 0.00	53.87 2.76 0.00	43.62 2.39 0.00	40.37 2.10 0.00	37.77 1.90 0.00
SWANROAD_115KV_TB1 355699	30.77 0.03 0.00	28.50 -0.52 0.00	25.92 -0.80 0.00	24.92 -0.96 0.00	25.10 -0.88 0.00	26.92 -0.78 0.00	28.63 -0.76 0.00	30.41 -1.94 0.00	33.22 -1.10 0.00	35.15 -1.09 0.00	36.89 -0.56 0.00	40.54 0.24 0.00	40.54 0.76 0.00	45.71 1.59 0.00	47.11 0.88 0.00	53.22 1.45 0.00	60.55 2.10 0.00	66.78 2.44 0.00	63.49 1.73 0.00	57.62 2.16 0.00	53.10 1.99 0.00	41.72 0.49 0.00	39.60 1.34 0.00	36.26 0.39 0.00
SYNERGY___BIOGAS 323694	31.23 0.49 0.00	29.54 0.52 0.00	26.91 0.19 0.00	25.87 0.00 0.00	26.08 0.10 0.00	28.02 0.33 0.00	29.46 0.06 0.00	32.06 -0.29 0.00	34.39 0.07 0.00	36.89 0.65 0.00	38.91 1.46 0.00	42.55 2.26 0.00	42.49 2.71 0.00	47.69 3.57 0.00	49.19 2.96 0.00	55.30 3.52 0.00	63.06 4.62 0.00	69.54 5.21 0.00	66.76 5.00 0.00	60.23 4.77 0.00	55.66 4.55 0.00	43.70 2.47 0.00	40.18 1.91 0.00	37.59 1.72 0.00
SYRACUSE___ENERGY_ST1 323597	30.96 0.22 0.00	29.14 0.12 0.00	26.74 0.03 0.00	25.85 -0.03 0.00	25.95 -0.03 0.00	27.77 0.08 0.00	29.48 0.09 0.00	32.42 0.06 0.00	34.46 0.14 0.00	37.09 0.22 -0.63	37.75 0.30 0.00	40.82 0.52 0.00	40.14 0.36 0.00	44.60 0.49 0.00	46.60 0.37 0.00	52.29 0.52 0.00	59.20 0.76 0.00	65.17 0.84 0.00	62.50 0.74 0.00	57.91 0.72 -1.73	53.64 0.66 -1.86	42.05 0.29 -0.53	38.95 0.42 -0.26	36.16 0.29 0.00
SYRACUSE___ENERGY_ST2 323598	30.96 0.22 0.00	29.14 0.12 0.00	26.74 0.03 0.00	25.85 -0.03 0.00	25.95 -0.03 0.00	27.77 0.08 0.00	29.48 0.09 0.00	32.42 0.06 0.00	34.46 0.14 0.00	37.09 0.22 -0.63	37.75 0.30 0.00	40.82 0.52 0.00	40.14 0.36 0.00	44.60 0.49 0.00	46.60 0.37 0.00	52.29 0.52 0.00	59.20 0.76 0.00	65.17 0.84 0.00	62.50 0.74 0.00	57.91 0.72 -1.73	53.64 0.66 -1.86	42.05 0.29 -0.53	38.95 0.42 -0.26	36.16 0.29 0.00
SYRACUSE___POWER 24017	30.77 0.03 0.00	28.96 -0.06 0.00	26.61 -0.11 0.00	25.72 -0.16 0.00	25.82 -0.16 0.00	27.64 -0.06 0.00	29.34 -0.06 0.00	32.25 -0.10 0.00	34.32 0.00 0.00	36.77 0.11 -0.42	37.64 0.19 0.00	40.70 0.40 0.00	40.18 0.40 0.00	44.69 0.57 0.00	46.69 0.46 0.00	52.40 0.62 0.00	59.32 0.88 0.00	65.30 0.97 0.00	62.63 0.86 0.00	57.46 0.83 -1.17	53.08 0.72 -1.25	41.95 0.37 -0.36	38.86 0.42 -0.18	36.01 0.14 0.00
TALLMAN___138KV_BK151 55660	32.55 1.81 0.00	30.67 1.65 0.00	28.27 1.55 0.00	27.37 1.50 0.00	27.43 1.45 0.00	29.19 1.50 0.00	31.10 1.70 0.00	34.36 2.01 0.00	36.45 2.13 0.00	38.78 2.54 0.00	39.96 2.51 0.00	42.83 2.54 0.00	42.33 2.55 0.00	46.76 2.65 0.00	49.23 3.00 0.00	55.50 3.73 0.00	62.71 4.27 0.00	68.97 4.63 0.00	66.08 4.32 0.00	59.01 3.55 0.00	54.12 3.02 0.00	43.90 2.68 0.00	40.56 2.30 0.00	37.95 2.08 0.00
TEALLAVE_115KV_TB7 355573	30.77 0.03 0.00	28.96 -0.06 0.00	26.61 -0.11 0.00	25.72 -0.16 0.00	25.82 -0.16 0.00	27.64 -0.06 0.00	29.34 -0.06 0.00	32.22 -0.13 0.00	34.32 0.00 0.00	36.69 0.11 -0.34	37.64 0.19 0.00	40.70 0.40 0.00	40.22 0.44 0.00	44.73 0.62 0.00	46.74 0.51 0.00	52.45 0.67 0.00	59.38 0.94 0.00	65.36 1.03 0.00	62.69 0.93 0.00	57.29 0.89 -0.95	52.89 0.77 -1.02	41.93 0.41 -0.29	38.87 0.46 -0.14	36.01 0.14 0.00
TELGRAPH_34_KV_EAST 80808	31.39 0.65 0.00	29.08 0.06 0.00	26.45 -0.27 0.00	25.43 -0.44 0.00	25.64 -0.34 0.00	27.52 -0.17 0.00	29.31 -0.09 0.00	31.35 -1.00 0.00	34.11 -0.21 0.00	36.13 -0.11 0.00	37.90 0.45 0.00	41.63 1.33 0.00	41.62 1.83 0.00	46.85 2.74 0.00	48.35 2.13 0.00	54.47 2.69 0.00	62.01 3.57 0.00	68.39 4.05 0.00	65.16 3.40 0.00	59.06 3.60 0.00	54.53 3.42 0.00	42.79 1.57 0.00	40.52 2.26 0.00	37.02 1.15 0.00
TEMPLE___115KV_TB 2 55572	30.80 0.06 0.00	28.99 -0.03 0.00	26.61 -0.11 0.00	25.74 -0.13 0.00	25.85 -0.13 0.00	27.64 -0.06 0.00	29.37 -0.03 0.00	32.25 -0.10 0.00	34.35 0.03 0.00	36.69 0.11 -0.34	37.68 0.22 0.00	40.74 0.44 0.00	40.26 0.48 0.00	44.78 0.66 0.00	46.78 0.55 0.00	52.50 0.72 0.00	59.44 0.99 0.00	65.43 1.09 0.00	62.75 0.99 0.00	57.35 0.94 -0.94	52.94 0.82 -1.01	41.93 0.41 -0.29	38.91 0.50 -0.14	36.01 0.14 0.00
TIANA___69_KV_BK 1 55817	38.71 2.92 -5.05	36.62 2.73 -4.87	32.97 2.48 -3.77	31.69 2.41 -3.41	31.26 2.39 -2.89	33.28 2.46 -3.12	34.27 2.70 -2.17	35.92 2.94 -0.63	38.68 3.33 -1.03	39.97 3.73 0.00	41.01 3.56 0.00	44.05 3.67 -0.09	43.45 3.66 0.00	48.60 4.46 -0.02	51.38 4.67 -0.48	57.52 5.75 0.00	71.13 7.13 -5.56	74.33 7.91 -2.08	69.37 7.60 -0.01	61.62 6.16 -0.01	56.63 5.52 0.00	46.06 4.82 -0.01	41.83 3.56 0.00	39.42 3.55 0.00
TILDEN___115KV_TB1 80814	30.77 0.03 0.00	28.96 -0.06 0.00	26.61 -0.11 0.00	25.72 -0.16 0.00	25.82 -0.16 0.00	27.64 -0.06 0.00	29.34 -0.06 0.00	32.25 -0.10 0.00	34.32 0.00 0.00	36.77 0.11 -0.42	37.64 0.19 0.00	40.70 0.40 0.00	40.18 0.40 0.00	44.69 0.57 0.00	46.69 0.46 0.00	52.40 0.62 0.00	59.32 0.88 0.00	65.30 0.97 0.00	62.63 0.86 0.00	57.46 0.83 -1.17	53.08 0.72 -1.25	41.95 0.37 -0.36	38.86 0.42 -0.18	36.01 0.14 0.00
TRIGEN___CC 323695	38.40 2.61 -5.05	36.27 2.38 -4.87	32.65 2.16 -3.77	31.38 2.10 -3.41	30.90 2.03 -2.89	32.95 2.13 -3.12	33.97 2.41 -2.17	35.82 2.85 -0.63	38.40 3.05 -1.03	39.68 3.44 0.00	40.78 3.33 0.00	44.02 3.30 -0.42	43.09 3.30 0.00	47.89 3.66 -0.11	52.44 3.88 -2.33	56.43 4.66 0.00	90.81 5.55 -26.81	80.37 6.05 -9.98	67.38 5.62 0.00	60.01 4.55 0.00	55.09 3.99 0.00	44.85 3.63 0.00	41.25 2.98 0.00	38.85 2.98 0.00

TRINITY__115KV__4 BK 55933	31.54 0.80 0.00	29.80 0.78 0.00	27.52 0.80 0.00	26.65 0.78 0.00	26.76 0.78 0.00	28.44 0.75 0.00	30.13 0.73 0.00	33.16 0.81 0.00	35.14 0.82 0.00	37.18 0.94 0.00	38.35 0.90 0.00	41.18 0.89 0.00	40.58 0.80 0.00	44.96 0.84 0.00	47.15 0.92 0.00	52.86 1.09 0.00	59.73 1.29 0.00	65.88 1.54 0.00	63.37 1.61 0.00	56.84 1.39 0.00	52.33 1.23 0.00	42.30 1.07 0.00	39.11 0.84 0.00	36.66 0.79 0.00
UNION__PROCESSING_DRP 323587	31.29 0.55 0.00	29.19 0.17 0.00	26.66 -0.05 0.00	25.69 -0.18 0.00	25.87 -0.10 0.00	27.72 0.03 0.00	29.48 0.09 0.00	31.96 -0.39 0.00	34.46 0.14 0.00	36.49 0.25 0.00	38.12 0.67 0.00	41.59 1.29 0.00	41.38 1.59 0.00	46.32 2.21 0.00	48.08 1.85 0.00	53.95 2.17 0.00	61.31 2.86 0.00	67.62 3.28 0.00	64.66 2.90 0.00	58.34 2.88 0.00	53.87 2.76 0.00	42.67 1.44 0.00	39.99 1.72 0.00	36.69 0.82 0.00
UPPER HUDSON__HYD 24058	32.74 2.00 0.00	30.96 1.94 0.00	28.48 1.76 0.00	27.55 1.68 0.00	27.69 1.71 0.00	29.60 1.91 0.00	31.34 1.94 0.00	34.49 2.13 0.00	36.62 2.30 0.00	38.56 2.32 0.00	39.51 2.06 0.00	42.63 2.34 0.00	41.89 2.11 0.00	46.23 2.12 0.00	48.26 2.03 0.00	54.36 2.59 0.00	61.42 2.98 0.00	68.06 3.73 0.00	66.45 4.69 0.00	59.79 4.33 0.00	55.45 4.34 0.00	44.56 3.34 0.00	40.98 2.72 0.00	38.13 2.26 0.00
UPPER RAQUET__HYD 24056	29.33 -1.41 0.00	27.80 -1.22 0.00	25.60 -1.12 0.00	24.79 -1.09 0.00	24.94 -1.04 0.00	26.67 -1.02 0.00	28.45 -0.94 0.00	31.41 -0.94 0.00	33.01 -1.30 0.00	35.08 -1.27 -0.11	35.88 -1.57 0.00	38.40 -1.89 0.00	37.92 -1.87 0.00	42.00 -2.12 0.00	44.19 -2.03 0.00	48.98 -2.80 0.00	54.35 -4.09 0.00	57.29 -4.69 2.35	56.97 -4.45 0.35	51.92 -3.83 -0.29	48.26 -3.17 -0.32	38.80 -2.52 -0.09	36.47 -1.84 -0.05	34.29 -1.58 0.00
VALLEY44_115KV_TB2 355964	31.63 0.89 0.00	29.25 0.23 0.00	26.66 -0.05 0.00	25.62 -0.26 0.00	25.77 -0.21 0.00	27.80 0.11 0.00	29.66 0.26 0.00	32.09 -0.26 0.00	34.80 0.48 0.00	37.11 0.87 0.00	38.76 1.31 0.00	42.15 1.85 0.00	42.13 2.35 0.00	47.51 3.40 0.00	49.19 2.96 0.00	55.61 3.83 0.00	63.35 4.91 0.00	69.67 5.34 0.00	66.39 4.63 0.00	60.12 4.66 0.00	54.99 3.88 0.00	43.37 2.14 0.00	41.14 2.87 0.00	37.41 1.54 0.00
VALLEY__115KV_TB 1-4 80826	31.02 0.28 0.00	29.28 0.26 0.00	26.96 0.24 0.00	26.11 0.23 0.00	26.21 0.23 0.00	28.00 0.30 0.00	29.72 0.32 0.00	32.77 0.42 0.00	34.76 0.45 0.00	36.82 0.58 0.00	38.05 0.60 0.00	41.02 0.73 0.00	40.46 0.68 0.00	44.87 0.75 0.00	46.92 0.69 0.00	52.45 0.67 0.00	59.20 0.76 0.00	65.25 0.77 -0.15	62.59 0.80 -0.02	56.18 0.72 0.00	51.72 0.61 0.00	41.76 0.54 0.00	38.80 0.54 0.00	36.33 0.47 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	32.43 1.69 0.00	30.62 1.60 0.00	28.19 1.47 0.00	27.27 1.40 0.00	27.38 1.40 0.00	29.27 1.58 0.00	31.07 1.68 0.00	34.29 1.94 0.00	36.34 2.02 0.00	38.67 2.32 -0.11	39.85 2.40 0.00	43.00 2.70 0.00	42.41 2.63 0.00	47.03 2.91 0.00	49.32 3.10 0.00	55.24 3.47 0.00	62.36 3.92 0.00	68.58 4.25 0.00	65.90 4.14 0.00	59.63 3.88 -0.29	54.90 3.48 -0.31	44.12 2.80 -0.09	40.80 2.49 -0.04	37.98 2.12 0.00
VISCHER__FERRY HYD 24020	32.28 1.54 0.00	30.44 1.42 0.00	28.05 1.34 0.00	27.19 1.32 0.00	27.28 1.30 0.00	29.02 1.33 0.00	30.81 1.41 0.00	33.84 1.49 0.00	35.90 1.58 0.00	37.76 1.52 0.00	39.06 1.61 0.00	41.95 1.65 0.00	41.30 1.51 0.00	45.75 1.63 0.00	47.98 1.76 0.00	53.79 2.02 0.00	60.90 2.45 0.00	67.16 2.83 0.00	64.73 2.96 0.00	58.07 2.61 0.00	53.61 2.50 0.00	43.24 2.02 0.00	40.06 1.80 0.00	37.44 1.58 0.00
V_A_10_SYNC_DSASP 323832	30.34 -0.40 0.00	28.76 -0.26 0.00	26.24 -0.48 0.00	25.23 -0.65 0.00	25.41 -0.57 0.00	27.22 -0.47 0.00	28.60 -0.79 0.00	30.99 -1.36 0.00	33.32 -1.00 0.00	35.66 -0.58 0.00	37.56 0.11 0.00	41.02 0.73 0.00	40.86 1.07 0.00	45.79 1.68 0.00	47.34 1.11 0.00	53.38 1.61 0.00	60.72 2.28 0.00	66.97 2.64 0.00	63.98 2.22 0.00	57.79 2.33 0.00	53.25 2.15 0.00	42.01 0.78 0.00	38.76 0.50 0.00	36.33 0.47 0.00
V_CMM_10_SYNC_DSASP 323787	29.94 -0.80 0.00	28.35 -0.67 0.00	26.10 -0.61 0.00	25.30 -0.57 0.00	25.43 -0.55 0.00	27.11 -0.58 0.00	28.84 -0.56 0.00	31.80 -0.55 0.00	33.60 -0.72 0.00	35.52 -0.72 0.00	36.48 -0.97 0.00	39.17 -1.13 0.00	38.67 -1.11 0.00	42.84 -1.28 0.00	44.98 -1.25 0.00	50.01 -1.76 0.00	56.11 -2.34 0.00	58.68 -2.70 2.96	58.73 -2.59 0.44	53.12 -2.33 0.01	49.22 -1.89 0.00	39.74 -1.48 0.00	37.08 -1.19 0.00	35.01 -0.86 0.00
V_CMP_10_SYNC_DSASP 323788	30.43 -0.31 0.00	28.93 -0.09 0.00	26.61 -0.11 0.00	25.77 -0.10 0.00	26.06 0.08 0.00	27.91 0.22 0.00	29.81 0.41 0.00	32.51 0.16 0.00	34.25 -0.07 0.00	36.46 0.22 0.00	37.53 0.08 0.00	40.30 0.00 0.00	39.87 0.08 0.00	44.25 0.13 0.00	46.55 0.33 0.00	50.38 -1.40 0.00	56.28 -2.16 0.00	58.72 -2.70 2.92	58.49 -2.84 0.43	52.46 -3.00 0.01	49.27 -1.84 0.00	40.20 -1.03 0.00	37.31 -0.96 0.00	35.51 -0.36 0.00
V_D_10_SYNC_DSASP 323841	30.06 -0.68 0.00	28.47 -0.55 0.00	26.21 -0.51 0.00	25.41 -0.46 0.00	25.54 -0.44 0.00	27.25 -0.44 0.00	28.98 -0.41 0.00	32.00 -0.36 0.00	33.70 -0.62 0.00	35.70 -0.54 0.00	36.66 -0.79 0.00	39.25 -1.05 0.00	38.75 -1.03 0.00	42.97 -1.15 0.00	45.17 -1.06 0.00	50.17 -1.61 0.00	55.87 -2.57 0.00	58.45 -3.02 2.86	58.50 -2.84 0.42	52.90 -2.55 0.01	49.06 -2.05 0.00	39.66 -1.57 0.00	37.27 -1.00 0.00	35.15 -0.72 0.00
V_E_10_SYNC_DSASP 323830	33.20 2.46 0.00	31.37 2.35 0.00	28.72 2.00 0.00	27.71 1.84 0.00	27.90 1.92 0.00	30.18 2.49 0.00	32.10 2.70 0.00	35.43 3.07 0.00	37.34 3.02 0.00	39.86 3.37 -0.25	41.08 3.63 0.00	44.57 4.27 0.00	43.92 4.14 0.00	48.88 4.77 0.00	51.08 4.85 0.00	57.42 5.64 0.00	65.22 6.78 0.00	71.99 7.65 0.00	69.61 7.84 0.00	63.79 7.66 -0.68	58.79 6.95 -0.73	46.63 5.19 -0.21	42.77 4.40 -0.10	39.63 3.77 0.00
V_F_30_NSYNC__DSASP 323816	32.92 2.18 0.00	31.11 2.09 0.00	28.62 1.90 0.00	27.68 1.81 0.00	27.82 1.84 0.00	29.69 1.99 0.00	31.45 2.06 0.00	34.58 2.23 0.00	36.68 2.37 0.00	38.63 2.39 0.00	39.85 2.40 0.00	42.95 2.66 0.00	42.21 2.43 0.00	46.76 2.65 0.00	48.91 2.68 0.00	54.99 3.21 0.00	62.19 3.74 0.00	68.77 4.44 0.00	66.58 4.82 0.00	59.84 4.38 0.00	55.30 4.19 0.00	44.48 3.26 0.00	41.06 2.79 0.00	38.27 2.40 0.00
V_F_30_SYNC_DSASP 323786	31.69 0.95 0.00	29.98 0.96 0.00	27.63 0.91 0.00	26.78 0.91 0.00	26.86 0.88 0.00	28.58 0.89 0.00	30.28 0.88 0.00	33.32 0.97 0.00	35.35 1.03 0.00	37.40 1.16 0.00	38.57 1.12 0.00	41.42 1.13 0.00	40.82 1.03 0.00	45.26 1.15 0.00	47.43 1.20 0.00	53.22 1.45 0.00	60.14 1.69 0.00	66.26 1.93 0.00	63.80 2.04 0.00	57.18 1.72 0.00	52.69 1.58 0.00	42.54 1.32 0.00	39.34 1.07 0.00	36.84 0.97 0.00

V_XM_10_SYNC_DSASP 323789	30.43 -0.31 0.00	28.93 -0.09 0.00	26.61 -0.11 0.00	25.77 -0.10 0.00	26.06 0.08 0.00	27.91 0.22 0.00	29.81 0.41 0.00	32.51 0.16 0.00	34.25 -0.07 0.00	36.46 0.22 0.00	37.53 0.08 0.00	40.30 0.00 0.00	39.87 0.08 0.00	44.25 0.13 0.00	46.55 0.33 0.00	50.38 -1.40 0.00	56.28 -2.16 0.00	58.72 -2.70 2.92	58.49 -2.84 0.43	52.46 -3.00 0.01	49.27 -1.84 0.00	40.20 -1.03 0.00	37.31 -0.96 0.00	35.51 -0.36 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	32.62 1.88 0.00	30.73 1.71 0.00	28.35 1.63 0.00	27.43 1.55 0.00	27.49 1.51 0.00	29.27 1.58 0.00	31.16 1.76 0.00	34.42 2.07 0.00	36.52 2.20 0.00	38.81 2.57 0.00	40.03 2.58 0.00	42.91 2.62 0.00	42.41 2.63 0.00	46.85 2.74 0.00	49.37 3.14 0.00	55.66 3.88 0.00	62.89 4.44 0.00	69.16 4.83 0.00	66.21 4.45 0.00	59.17 3.72 0.00	54.28 3.17 0.00	43.99 2.76 0.00	40.64 2.37 0.00	38.02 2.15 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	33.11 2.37 0.00	31.14 2.12 0.00	28.64 1.92 0.00	27.71 1.84 0.00	27.77 1.79 0.00	29.57 1.88 0.00	31.57 2.18 0.00	35.04 2.69 0.00	37.20 2.88 0.00	39.54 3.30 0.00	40.78 3.33 0.00	43.68 3.38 0.00	43.13 3.34 0.00	47.60 3.49 0.00	50.11 3.88 0.00	56.49 4.71 0.00	63.76 5.32 0.00	70.19 5.85 0.00	67.07 5.31 0.00	59.84 4.38 0.00	54.94 3.83 0.00	44.60 3.38 0.00	41.25 2.98 0.00	38.59 2.73 0.00
W50THST__13_KV_LOAD 356117	33.29 2.55 0.00	31.31 2.29 0.00	28.80 2.08 0.00	27.87 1.99 0.00	27.93 1.95 0.00	29.77 2.08 0.00	31.81 2.41 0.00	35.29 2.94 0.00	37.51 3.19 0.00	39.83 3.59 0.00	41.12 3.67 0.00	44.04 3.75 0.00	43.53 3.74 0.00	48.04 3.93 0.00	50.57 4.35 0.00	56.95 5.18 0.00	64.35 5.90 0.00	70.83 6.50 0.00	67.63 5.87 0.00	60.34 4.88 0.00	55.35 4.24 0.00	44.89 3.67 0.00	41.52 3.25 0.00	38.85 2.98 0.00
WADING RIVER_IC_1 23522	38.37 2.58 -5.05	36.18 2.29 -4.87	32.60 2.11 -3.77	31.33 2.04 -3.41	30.90 2.03 -2.89	32.89 2.08 -3.12	33.94 2.38 -2.17	35.37 2.39 -0.63	38.10 2.75 -1.03	38.81 2.57 0.00	40.19 2.73 0.00	43.13 2.74 -0.09	42.57 2.78 0.00	47.45 3.31 -0.02	50.18 3.47 -0.48	56.28 4.50 0.00	69.71 5.73 -5.54	72.71 6.31 -2.07	67.89 6.12 -0.01	60.40 4.93 -0.01	55.56 4.44 0.00	45.23 4.00 -0.01	41.48 3.21 0.00	38.84 2.98 0.00
WADING RIVER_IC_2 23547	38.37 2.58 -5.05	36.18 2.29 -4.87	32.60 2.11 -3.77	31.33 2.04 -3.41	30.90 2.03 -2.89	32.89 2.08 -3.12	33.94 2.38 -2.17	35.37 2.39 -0.63	38.10 2.75 -1.03	38.81 2.57 0.00	40.19 2.73 0.00	43.13 2.74 -0.09	42.57 2.78 0.00	47.45 3.31 -0.02	50.18 3.47 -0.48	56.28 4.50 0.00	69.71 5.73 -5.54	72.71 6.31 -2.07	67.89 6.12 -0.01	60.40 4.93 -0.01	55.56 4.44 0.00	45.23 4.00 -0.01	41.48 3.21 0.00	38.84 2.98 0.00
WADING RIVER_IC_3 23601	38.37 2.58 -5.05	36.18 2.29 -4.87	32.60 2.11 -3.77	31.33 2.04 -3.41	30.90 2.03 -2.89	32.89 2.08 -3.12	33.94 2.38 -2.17	35.37 2.39 -0.63	38.10 2.75 -1.03	38.81 2.57 0.00	40.19 2.73 0.00	43.13 2.74 -0.09	42.57 2.78 0.00	47.45 3.31 -0.02	50.18 3.47 -0.48	56.28 4.50 0.00	69.71 5.73 -5.54	72.71 6.31 -2.07	67.89 6.12 -0.01	60.40 4.93 -0.01	55.56 4.44 0.00	45.23 4.00 -0.01	41.48 3.21 0.00	38.84 2.98 0.00
WALDENNY_12_KV_BK2 80841	31.66 0.92 0.00	29.31 0.29 0.00	26.69 -0.03 0.00	25.64 -0.23 0.00	25.82 -0.16 0.00	27.77 0.08 0.00	29.54 0.15 0.00	31.64 -0.71 0.00	34.52 0.21 0.00	36.60 0.36 0.00	38.42 0.97 0.00	42.19 1.89 0.00	42.21 2.43 0.00	47.65 3.53 0.00	49.19 2.96 0.00	55.61 3.83 0.00	63.24 4.79 0.00	69.61 5.28 0.00	66.15 4.39 0.00	60.01 4.55 0.00	55.15 4.04 0.00	43.29 2.06 0.00	40.98 2.72 0.00	37.41 1.54 0.00
WALDEN__HYDRO 24148	32.52 1.78 0.00	30.67 1.65 0.00	28.24 1.52 0.00	27.35 1.47 0.00	27.41 1.43 0.00	29.16 1.47 0.00	31.10 1.70 0.00	34.29 1.94 0.00	36.41 2.09 0.00	38.67 2.43 0.00	39.88 2.43 0.00	42.75 2.46 0.00	42.25 2.47 0.00	46.68 2.56 0.00	49.19 2.96 0.00	55.45 3.68 0.00	62.54 4.09 0.00	68.90 4.57 0.00	66.02 4.26 0.00	59.06 3.60 0.00	54.17 3.07 0.00	43.82 2.60 0.00	40.52 2.26 0.00	37.91 2.04 0.00
WARRENSBURG____ 23737	32.74 2.00 0.00	30.96 1.94 0.00	28.48 1.76 0.00	27.55 1.68 0.00	27.69 1.71 0.00	29.60 1.91 0.00	31.34 1.94 0.00	34.49 2.13 0.00	36.62 2.30 0.00	38.56 2.32 0.00	39.51 2.06 0.00	42.63 2.34 0.00	41.89 2.11 0.00	46.23 2.12 0.00	48.26 2.03 0.00	54.36 2.59 0.00	61.42 2.98 0.00	68.06 3.73 0.00	66.45 4.69 0.00	59.79 4.33 0.00	55.45 4.34 0.00	44.56 3.34 0.00	40.98 2.72 0.00	38.13 2.26 0.00
WATERSIDE____6 8 9 23538	33.17 2.43 0.00	31.22 2.21 0.00	28.72 2.00 0.00	27.79 1.91 0.00	27.82 1.84 0.00	29.60 1.91 0.00	31.60 2.20 0.00	35.04 2.69 0.00	37.17 2.85 0.00	39.47 3.23 0.00	40.67 3.22 0.00	43.56 3.26 0.00	43.01 3.22 0.00	47.43 3.31 0.00	49.88 3.65 0.00	54.80 4.56 1.53	63.00 4.97 0.41	69.74 5.40 0.00	66.64 4.88 0.00	59.50 4.05 0.01	54.58 3.48 0.00	44.48 3.26 0.00	41.25 2.98 0.00	38.67 2.80 0.00
WATKINRD_115KV_LN8_ILLION 55919	31.02 0.28 0.00	29.28 0.26 0.00	26.96 0.24 0.00	26.11 0.23 0.00	26.21 0.23 0.00	27.97 0.28 0.00	29.69 0.29 0.00	32.71 0.36 0.00	34.70 0.38 0.00	36.71 0.47 0.00	37.90 0.45 0.00	40.82 0.52 0.00	40.30 0.52 0.00	44.69 0.57 0.00	46.78 0.55 0.00	52.34 0.57 0.00	59.15 0.70 0.00	65.25 0.77 -0.15	62.59 0.80 -0.02	56.24 0.78 0.00	51.77 0.66 0.00	41.76 0.54 0.00	38.76 0.50 0.00	36.26 0.39 0.00
WATSON__69_KV_BK 1 55734	39.08 3.29 -5.05	36.91 3.02 -4.87	33.24 2.75 -3.77	31.93 2.64 -3.41	31.47 2.60 -2.89	33.55 2.74 -3.12	34.59 3.03 -2.17	36.47 3.49 -0.63	39.19 3.84 -1.03	40.52 4.28 0.00	41.55 4.08 -0.02	44.62 4.19 -0.13	43.98 4.18 -0.02	48.96 4.81 -0.03	51.90 5.04 -0.64	57.57 5.80 0.00	72.87 7.07 -7.36	74.86 7.78 -2.74	69.12 7.35 -0.01	61.45 5.99 -0.01	56.69 5.57 -0.02	46.09 4.86 -0.01	42.07 3.79 -0.02	39.78 3.91 0.00
WDELAWARE__HYD 323627	31.82 1.08 0.00	29.89 0.87 0.00	27.52 0.80 0.00	26.65 0.78 0.00	26.71 0.73 0.00	28.41 0.72 0.00	30.36 0.97 0.00	33.39 1.03 0.00	35.52 1.20 0.00	37.43 1.19 0.00	38.72 1.27 0.00	41.58 1.29 0.00	41.10 1.31 0.00	45.44 1.32 0.00	47.89 1.66 0.00	54.00 2.22 0.00	61.08 2.63 0.00	67.36 3.02 0.00	64.60 2.84 0.00	57.90 2.44 0.00	53.00 1.89 0.00	42.83 1.61 0.00	39.68 1.42 0.00	36.94 1.08 0.00
WEST BABYLON__IC 23714	38.98 3.20 -5.05	36.82 2.93 -4.87	33.16 2.67 -3.77	31.85 2.56 -3.41	31.39 2.52 -2.89	33.47 2.66 -3.12	34.50 2.94 -2.17	36.41 3.43 -0.63	39.06 3.71 -1.03	40.37 4.13 0.00	41.43 3.97 -0.01	44.47 3.94 -0.18	43.73 3.94 -0.01	48.66 4.50 -0.05	51.96 4.76 -0.97	57.26 5.49 0.00	76.32 6.66 -11.21	75.84 7.33 -4.17	68.68 6.92 0.00	61.06 5.60 0.00	56.28 5.16 -0.01	45.84 4.62 0.00	41.83 3.56 -0.01	39.63 3.77 0.00

WEST CANADA___HYD 24049	30.99 0.24 0.00	29.25 0.23 0.00	26.93 0.21 0.00	26.08 0.21 0.00	26.19 0.21 0.00	27.91 0.22 0.00	29.63 0.23 0.00	32.61 0.26 0.00	34.59 0.27 0.00	36.53 0.29 0.00	37.79 0.34 0.00	40.66 0.36 0.00	40.14 0.36 0.00	44.51 0.40 0.00	46.64 0.42 0.00	52.24 0.46 0.00	59.03 0.58 0.00	65.12 0.64 -0.15	62.40 0.62 -0.02	56.07 0.61 0.00	51.62 0.51 0.00	41.64 0.41 0.00	38.65 0.38 0.00	36.15 0.29 0.00
WESTERN_NY_WIND 24143	31.85 1.11 0.00	29.51 0.49 0.00	26.88 0.16 0.00	25.82 -0.05 0.00	26.06 0.08 0.00	28.00 0.30 0.00	29.81 0.41 0.00	32.03 -0.32 0.00	34.73 0.41 0.00	36.82 0.58 0.00	38.61 1.16 0.00	42.35 2.06 0.00	42.29 2.51 0.00	47.60 3.49 0.00	49.14 2.91 0.00	55.24 3.47 0.00	62.95 4.50 0.00	69.48 5.15 0.00	66.39 4.63 0.00	60.17 4.71 0.00	55.55 4.45 0.00	43.62 2.39 0.00	41.17 2.91 0.00	37.55 1.69 0.00
WESTOVER___LESR 323668	31.54 0.80 0.00	29.60 0.58 0.00	27.17 0.45 0.00	26.24 0.36 0.00	26.34 0.36 0.00	28.22 0.53 0.00	29.98 0.59 0.00	32.87 0.52 0.00	35.07 0.76 0.00	37.45 0.98 -0.23	38.57 1.12 0.00	41.75 1.45 0.00	41.34 1.55 0.00	46.06 1.94 0.00	48.12 1.90 0.00	54.11 2.33 0.00	61.31 2.86 0.00	67.55 3.22 0.00	64.79 3.03 0.00	58.93 2.83 -0.64	54.25 2.45 -0.69	43.11 1.69 -0.20	40.12 1.76 -0.10	37.02 1.15 0.00
WETHRSFD_WT_PWR 323626	30.93 0.19 0.00	29.19 0.18 0.00	26.64 -0.08 0.00	25.62 -0.26 0.00	25.77 -0.21 0.00	27.72 0.03 0.00	29.13 -0.27 0.00	31.67 -0.68 0.00	34.04 -0.28 0.00	36.42 0.18 0.00	38.31 0.86 0.00	41.83 1.53 0.00	41.73 1.95 0.00	46.81 2.69 0.00	48.36 2.13 0.00	54.62 2.85 0.00	62.13 3.68 0.00	68.51 4.18 0.00	65.72 3.96 0.00	59.34 3.88 0.00	54.59 3.48 0.00	43.04 1.81 0.00	39.68 1.42 0.00	37.12 1.25 0.00
WHAVSTOR_138KV_BK127 55557	32.49 1.75 0.00	30.64 1.63 0.00	28.24 1.52 0.00	27.35 1.47 0.00	27.41 1.43 0.00	29.16 1.47 0.00	31.04 1.65 0.00	34.29 1.94 0.00	36.38 2.06 0.00	38.67 2.43 0.00	39.85 2.40 0.00	42.71 2.42 0.00	42.17 2.39 0.00	46.63 2.51 0.00	49.09 2.87 0.00	55.30 3.52 0.00	62.48 4.03 0.00	68.71 4.37 0.00	65.84 4.08 0.00	58.79 3.33 0.00	53.97 2.86 0.00	43.78 2.56 0.00	40.45 2.18 0.00	37.84 1.97 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	32.49 1.75 0.00	30.64 1.63 0.00	28.24 1.52 0.00	27.35 1.47 0.00	27.41 1.43 0.00	29.16 1.47 0.00	31.04 1.65 0.00	34.29 1.94 0.00	36.38 2.06 0.00	38.67 2.43 0.00	39.85 2.40 0.00	42.71 2.42 0.00	42.17 2.39 0.00	46.63 2.51 0.00	49.09 2.87 0.00	55.30 3.52 0.00	62.48 4.03 0.00	68.71 4.37 0.00	65.84 4.08 0.00	58.79 3.33 0.00	53.97 2.86 0.00	43.78 2.56 0.00	40.45 2.18 0.00	37.84 1.97 0.00
WHITEHAL_115KV_TB1 80871	33.45 2.71 0.00	31.66 2.64 0.00	29.10 2.38 0.00	28.12 2.25 0.00	28.29 2.31 0.00	30.29 2.60 0.00	32.01 2.62 0.00	35.26 2.91 0.00	37.44 3.12 0.00	39.50 3.26 0.00	40.45 3.00 0.00	43.68 3.38 0.00	42.89 3.10 0.00	47.43 3.31 0.00	49.46 3.24 0.00	55.71 3.93 0.00	63.06 4.62 0.00	70.06 5.73 0.00	68.43 6.67 0.00	61.61 6.16 0.00	57.14 6.03 0.00	45.80 4.58 0.00	41.94 3.67 0.00	38.99 3.12 0.00
WHITEPLN_13_KV_LOAD 356215	33.23 2.49 0.00	31.28 2.26 0.00	28.80 2.08 0.00	27.84 1.97 0.00	27.90 1.92 0.00	29.74 2.05 0.00	31.72 2.32 0.00	35.17 2.81 0.00	37.37 3.05 0.00	39.72 3.48 0.00	40.97 3.52 0.00	43.92 3.63 0.00	43.41 3.62 0.00	48.04 3.93 0.00	50.57 4.35 0.00	57.11 5.33 0.00	64.64 6.20 0.00	70.96 6.63 0.00	67.88 6.11 0.00	60.56 5.10 0.00	55.50 4.40 0.00	44.93 3.71 0.00	41.44 3.18 0.00	38.74 2.87 0.00
WM_FLOYD_69_KV_BK2 356380	38.52 2.74 -5.05	36.41 2.52 -4.87	32.81 2.32 -3.77	31.54 2.25 -3.41	31.10 2.23 -2.89	33.11 2.30 -3.12	34.12 2.56 -2.17	35.79 2.81 -0.63	38.44 3.09 -1.03	39.68 3.44 0.00	40.64 3.18 0.00	43.61 3.22 -0.09	43.01 3.22 0.00	48.02 3.88 -0.02	50.79 4.07 -0.49	56.75 4.97 0.00	70.35 6.25 -5.66	73.34 6.88 -2.12	68.38 6.61 -0.01	60.85 5.38 -0.01	55.97 4.86 0.00	45.52 4.29 -0.01	41.45 3.18 0.00	39.13 3.26 0.00
WOODARD__115KV_TB2 355635	30.71 -0.03 0.00	28.93 -0.09 0.00	26.56 -0.16 0.00	25.69 -0.18 0.00	25.80 -0.18 0.00	27.58 -0.11 0.00	29.28 -0.12 0.00	32.19 -0.16 0.00	34.25 -0.07 0.00	36.70 0.00 -0.46	37.53 0.07 0.00	40.54 0.24 0.00	40.06 0.28 0.00	44.56 0.44 0.00	46.55 0.32 0.00	52.24 0.47 0.00	59.15 0.70 0.00	65.11 0.77 0.00	62.44 0.68 0.00	57.38 0.67 -1.25	53.07 0.61 -1.35	41.86 0.25 -0.39	38.76 0.31 -0.19	35.90 0.04 0.00
YORK___WARBASSE 23770	33.37 2.61 -0.02	31.44 2.41 -0.01	28.89 2.16 -0.01	27.95 2.07 -0.01	27.98 2.00 0.00	29.74 2.05 0.00	31.72 2.32 0.00	35.17 2.81 0.00	37.27 2.95 0.00	39.54 3.30 0.00	40.78 3.33 0.00	43.72 3.43 0.00	43.21 3.42 0.00	47.69 3.57 0.00	50.16 3.93 0.00	67.46 4.97 -10.71	66.68 5.38 -2.86	70.19 5.85 0.00	67.13 5.37 0.00	63.76 4.49 -3.81	54.99 3.88 0.00	44.73 3.50 0.00	41.44 3.18 0.00	38.95 3.08 0.00