

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

06/17/2026

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	37.01	33.58	32.27	31.49	31.76	35.30	40.64	46.90	41.23	38.18	39.04	40.84	41.35	41.27	44.76	46.23	52.60	60.90	67.81	70.79	67.21	55.86	49.84	41.04
24138	1.90	1.57	1.62	1.53	1.51	1.49	1.97	2.57	2.44	2.36	2.49	2.74	2.85	3.20	3.58	4.01	4.61	4.98	4.73	4.69	4.22	3.46	3.22	2.68
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	37.05	33.61	32.34	31.52	31.79	35.30	40.64	46.86	41.23	38.15	39.00	40.80	41.31	41.23	44.72	46.19	52.55	60.85	67.74	70.72	67.21	55.81	49.84	41.04
24260	1.93	1.60	1.69	1.56	1.54	1.49	1.97	2.53	2.44	2.33	2.45	2.70	2.81	3.16	3.54	3.97	4.56	4.92	4.67	4.63	4.22	3.41	3.22	2.68
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	37.05	33.61	32.34	31.52	31.79	35.30	40.64	46.86	41.23	38.15	39.00	40.80	41.31	41.23	44.72	46.19	52.55	60.85	67.74	70.72	67.21	55.81	49.84	41.04
24261	1.93	1.60	1.69	1.56	1.54	1.49	1.97	2.53	2.44	2.33	2.45	2.70	2.81	3.16	3.54	3.97	4.56	4.92	4.67	4.63	4.22	3.41	3.22	2.68
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	37.82	34.44	32.95	32.18	32.52	36.39	41.42	47.52	41.08	37.90	38.64	39.96	40.27	39.97	43.07	43.39	49.48	58.33	66.23	70.33	67.21	55.91	49.65	41.77
24011	2.70	2.43	2.30	2.22	2.27	2.57	2.75	3.19	2.29	2.08	2.08	1.87	1.77	1.90	1.89	1.18	1.49	2.40	3.15	4.23	4.22	3.51	3.03	3.41
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	38.14	34.73	33.23	32.45	32.79	36.69	41.77	47.88	41.31	38.11	38.86	40.15	40.54	40.20	43.28	44.66	50.92	60.29	68.50	72.84	69.54	57.80	51.19	42.07
23798	3.02	2.72	2.57	2.49	2.54	2.87	3.09	3.55	2.52	2.29	2.30	2.06	2.04	2.13	2.10	2.45	2.93	4.37	5.43	6.75	6.55	5.40	4.57	3.72
	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	37.82	34.44	32.95	32.18	32.52	36.39	41.42	47.52	41.08	37.90	38.64	39.96	40.27	39.97	43.07	43.39	49.48	58.33	66.23	70.33	67.21	55.91	49.65	41.77
24028	2.70	2.43	2.30	2.22	2.27	2.57	2.75	3.19	2.29	2.08	2.08	1.87	1.77	1.90	1.89	1.18	1.49	2.40	3.15	4.23	4.22	3.51	3.03	3.41
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	37.01	33.67	32.27	31.55	31.82	35.54	40.64	46.50	40.26	37.22	38.05	39.62	40.15	39.90	43.08	44.11	50.15	58.45	65.92	68.87	65.83	54.86	49.09	40.31
23527	1.89	1.66	1.62	1.59	1.57	1.72	1.97	2.17	1.47	1.40	1.50	1.53	1.65	1.83	1.90	1.90	2.16	2.52	2.84	2.78	2.84	2.46	2.47	1.95
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	35.78	32.59	31.23	30.50	30.76	34.36	39.25	44.95	39.10	36.18	36.95	38.52	38.88	38.68	41.84	42.84	48.52	56.60	63.77	66.89	63.93	53.24	47.36	39.20
24190	0.67	0.58	0.58	0.54	0.51	0.54	0.58	0.62	0.31	0.36	0.40	0.42	0.38	0.61	0.66	0.63	0.53	0.67	0.69	0.79	0.94	0.84	0.75	0.84
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	34.83	31.91	30.53	29.84	30.13	33.75	38.59	44.24	38.71	35.75	36.44	37.98	38.42	37.95	41.06	42.04	47.80	55.14	62.45	65.37	62.36	52.19	46.57	38.31
355683	-0.28	-0.10	-0.12	-0.12	-0.12	-0.07	-0.08	-0.09	-0.08	-0.07	-0.11	-0.11	-0.08	-0.11	-0.12	-0.17	-0.19	-0.78	-0.63	-0.73	-0.63	-0.21	-0.05	-0.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	36.42	33.20	31.81	31.10	31.34	34.97	39.83	45.44	39.49	36.39	37.14	38.70	39.19	38.87	42.00	43.05	48.95	57.27	64.78	68.21	65.00	54.13	48.25	39.96
323833	1.30	1.19	1.16	1.14	1.09	1.15	1.16	1.11	0.70	0.57	0.58	0.61	0.69	0.80	0.82	0.84	0.96	1.34	1.70	2.11	2.02	1.73	1.63	1.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	36.42	33.20	31.81	31.07	31.34	34.97	39.83	45.44	39.49	36.39	37.14	38.70	39.19	38.87	42.00	43.05	48.95	57.27	64.71	68.21	65.00	54.13	48.25	39.93
323834	1.30	1.19	1.16	1.11	1.09	1.15	1.16	1.11	0.70	0.57	0.58	0.61	0.69	0.80	0.82	0.84	0.96	1.34	1.64	2.11	2.02	1.73	1.63	1.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	35.78	32.59	31.23	30.50	30.76	34.36	39.25	44.95	39.10	36.18	36.95	38.52	38.88	38.68	41.84	42.84	48.52	56.60	63.77	66.89	63.93	53.24	47.36	39.20
23571	0.67	0.58	0.58	0.54	0.51	0.54	0.58	0.62	0.31	0.36	0.40	0.42	0.38	0.61	0.66	0.63	0.53	0.67	0.69	0.79	0.94	0.84	0.75	0.84
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	35.78 0.67 0.00	32.59 0.58 0.00	31.23 0.58 0.00	30.50 0.54 0.00	30.76 0.51 0.00	34.36 0.54 0.00	39.25 0.58 0.00	44.95 0.62 0.00	39.10 0.31 0.00	36.18 0.36 0.00	36.95 0.40 0.00	38.52 0.42 0.00	38.88 0.38 0.00	38.68 0.61 0.00	41.84 0.66 0.00	42.84 0.63 0.00	48.52 0.53 0.00	56.60 0.67 0.00	63.77 0.69 0.00	66.89 0.79 0.00	63.93 0.94 0.00	53.24 0.84 0.00	47.36 0.75 0.00	39.20 0.84 0.00
ALBANY___3 23573	35.78 0.67 0.00	32.59 0.58 0.00	31.23 0.58 0.00	30.50 0.54 0.00	30.76 0.51 0.00	34.36 0.54 0.00	39.25 0.58 0.00	44.95 0.62 0.00	39.10 0.31 0.00	36.18 0.36 0.00	36.95 0.40 0.00	38.52 0.42 0.00	38.88 0.38 0.00	38.68 0.61 0.00	41.84 0.66 0.00	42.84 0.63 0.00	48.52 0.53 0.00	56.60 0.67 0.00	63.77 0.69 0.00	66.89 0.79 0.00	63.93 0.94 0.00	53.24 0.84 0.00	47.36 0.75 0.00	39.20 0.84 0.00
ALBANY___4 23574	35.78 0.67 0.00	32.59 0.58 0.00	31.23 0.58 0.00	30.50 0.54 0.00	30.76 0.51 0.00	34.36 0.54 0.00	39.25 0.58 0.00	44.95 0.62 0.00	39.10 0.31 0.00	36.18 0.36 0.00	36.95 0.40 0.00	38.52 0.42 0.00	38.88 0.38 0.00	38.68 0.61 0.00	41.84 0.66 0.00	42.84 0.63 0.00	48.52 0.53 0.00	56.60 0.67 0.00	63.77 0.69 0.00	66.89 0.79 0.00	63.93 0.94 0.00	53.24 0.84 0.00	47.36 0.75 0.00	39.20 0.84 0.00
ALBANY___LFGE 323615	36.13 1.02 0.00	32.91 0.90 0.00	31.54 0.89 0.00	30.83 0.87 0.00	31.07 0.82 0.00	34.69 0.88 0.00	39.60 0.93 0.00	45.39 1.06 0.00	39.52 0.74 0.00	36.54 0.72 0.00	37.32 0.77 0.00	38.90 0.80 0.00	39.39 0.89 0.00	39.10 1.03 0.00	42.21 1.03 0.00	43.27 1.06 0.00	49.05 1.05 0.00	57.27 1.34 0.00	64.53 1.45 0.00	67.81 1.72 0.00	64.62 1.63 0.00	53.76 1.36 0.00	47.92 1.30 0.00	39.62 1.26 0.00
ALCOA_PA_115KV_PL-6C 55860	34.91 -0.21 0.00	31.95 -0.06 0.00	30.56 -0.09 0.00	29.90 -0.06 0.00	30.19 -0.06 0.00	33.82 0.00 0.00	38.63 -0.04 0.00	44.28 -0.04 0.00	38.75 -0.04 0.00	35.75 -0.07 0.00	36.44 -0.11 0.00	38.02 -0.08 0.00	38.42 -0.08 0.00	37.95 -0.11 0.00	40.98 -0.20 0.00	41.96 -0.25 0.00	47.75 -0.24 0.00	55.37 -0.56 0.00	62.76 -0.31 0.00	65.77 -0.33 0.00	62.74 -0.25 0.00	52.24 -0.16 0.00	46.62 0.00 0.00	38.35 0.00 0.00
ALCOA_RYNLDS___DRP 24188	34.90 -0.21 0.00	31.95 -0.06 0.00	30.56 -0.09 0.00	29.87 -0.09 0.00	30.19 -0.06 0.00	33.82 0.00 0.00	38.63 -0.04 0.00	44.28 -0.04 0.00	38.75 -0.04 0.00	35.75 -0.07 0.00	36.44 -0.11 0.00	38.02 -0.08 0.00	38.42 -0.08 0.00	37.92 -0.15 0.00	41.02 -0.16 0.00	41.96 -0.25 0.00	47.75 -0.24 0.00	55.37 -0.56 0.00	62.76 -0.32 0.00	65.76 -0.33 0.00	62.67 -0.31 0.00	52.24 -0.16 0.00	46.62 0.00 0.00	38.35 0.00 0.00
ALCOA___DSASP 323711	34.90 -0.21 0.00	31.95 -0.06 0.00	30.56 -0.09 0.00	29.87 -0.09 0.00	30.19 -0.06 0.00	33.82 0.00 0.00	38.63 -0.04 0.00	44.28 -0.04 0.00	38.75 -0.04 0.00	35.75 -0.07 0.00	36.44 -0.11 0.00	38.02 -0.08 0.00	38.42 -0.08 0.00	37.92 -0.15 0.00	41.02 -0.16 0.00	41.96 -0.25 0.00	47.75 -0.24 0.00	55.37 -0.56 0.00	62.76 -0.32 0.00	65.76 -0.33 0.00	62.67 -0.31 0.00	52.24 -0.16 0.00	46.62 0.00 0.00	38.35 0.00 0.00
ALLEGHENY___COGEN 23514	38.49 -0.88 -4.25	40.49 -1.03 -9.50	36.00 -1.04 -6.40	33.32 -0.84 -4.20	35.23 -0.69 -5.67	53.15 -0.51 -19.84	75.00 -0.54 -36.87	81.37 -0.75 -37.80	59.66 -0.85 -21.72	45.30 -1.22 -10.69	50.07 -1.50 -15.01	61.79 -1.60 -25.29	64.74 -1.58 -27.82	57.55 -1.79 -21.27	69.81 -1.89 -30.52	65.94 -1.94 -25.67	79.91 -2.01 -33.93	92.78 -1.57 -38.42	96.37 -0.25 -33.55	90.11 0.73 -23.28	79.36 0.88 -15.49	60.03 0.47 -7.16	47.82 -0.70 -1.90	38.59 -1.15 -1.38
ALTAMONT_115KV_TB 2 55880	36.03 0.91 0.00	32.81 0.80 0.00	31.45 0.80 0.00	30.71 0.75 0.00	31.01 0.76 0.00	34.63 0.81 0.00	39.56 0.89 0.00	45.35 1.02 0.00	39.53 0.74 0.00	36.54 0.72 0.00	37.28 0.73 0.00	38.90 0.80 0.00	39.27 0.77 0.00	39.02 0.95 0.00	42.21 1.03 0.00	43.22 1.01 0.00	49.10 1.10 0.00	57.27 1.34 0.00	64.46 1.39 0.00	67.62 1.52 0.00	64.50 1.51 0.00	53.71 1.31 0.00	47.83 1.21 0.00	39.46 1.11 0.00
ALTONA_WT_PWR 323606	34.59 -0.53 0.00	31.92 -0.10 0.00	30.53 -0.12 0.00	29.90 -0.06 0.00	30.19 -0.06 0.00	33.85 0.03 0.00	38.71 0.04 0.00	44.42 0.09 0.00	38.91 0.12 0.00	35.93 0.11 0.00	36.66 0.11 0.00	38.21 0.11 0.00	38.65 0.15 0.00	38.18 0.11 0.00	41.30 0.12 0.00	42.29 0.08 0.00	48.14 0.14 0.00	55.87 -0.06 0.00	63.33 0.25 0.00	66.36 0.27 0.00	63.24 0.25 0.00	52.56 0.16 0.00	46.81 0.19 0.00	38.43 0.08 0.00
AMERICAN_REF_FUEL 24010	29.92 -4.07 1.12	25.71 -3.81 2.49	25.29 -3.68 1.68	25.38 -3.47 1.11	25.34 -3.42 1.49	24.98 -3.65 5.18	24.92 -4.14 9.61	30.17 -4.30 9.86	29.94 -3.18 5.67	29.98 -3.04 2.80	29.45 -3.18 3.92	28.03 -3.47 6.60	27.55 -3.70 7.26	28.66 -3.88 5.53	28.09 -4.16 8.93	29.89 -4.56 7.76	31.65 -5.42 10.92	36.50 -6.21 13.22	42.60 -6.87 13.60	48.88 -7.20 10.01	47.44 -7.18 8.37	41.49 -6.39 4.52	37.62 -6.57 2.43	32.42 -5.56 0.37
ARKWRIGHT___SUMMIT_WT_PWR 323751	30.46 -3.26 1.39	25.87 -3.04 3.10	25.65 -2.91 2.09	25.80 -2.79 1.37	25.50 -2.90 1.85	24.21 -3.14 6.47	23.10 -3.56 12.01	28.33 -3.68 12.32	29.11 -2.60 7.08	29.93 -2.40 3.49	29.14 -2.52 4.89	27.15 -2.70 8.24	26.62 -2.81 9.07	28.49 -2.86 6.72	27.56 -3.05 10.57	30.04 -3.00 9.18	31.96 -3.27 12.77	37.63 -3.08 15.22	47.14 -3.09 12.85	51.75 -3.17 11.17	51.50 -3.46 8.03	44.05 -3.51 4.84	39.71 -4.43 2.48	33.64 -4.26 0.45
ARTHUR KILL_GT_1 23520	36.73 1.62 0.00	33.29 1.28 0.00	31.97 1.32 0.00	31.16 1.20 0.00	31.40 1.15 0.00	34.73 0.91 0.00	39.76 1.35 0.26	39.82 1.86 6.37	37.88 1.90 2.81	37.64 1.86 0.04	37.92 1.97 0.60	38.16 2.21 2.15	40.85 2.35 0.00	40.89 2.82 0.00	44.47 3.29 0.00	46.06 3.84 -0.01	52.36 4.37 0.00	59.85 4.42 0.50	62.90 3.78 3.96	66.98 3.64 2.75	63.97 3.21 2.23	55.44 3.04 0.00	49.32 2.70 0.00	38.05 2.22 2.53
ARTHUR_KILL_2 23512	36.62 1.51 0.00	33.20 1.19 0.00	31.91 1.26 0.00	31.07 1.11 0.00	31.31 1.06 0.00	34.66 0.85 0.00	39.65 1.24 0.26	39.60 1.64 6.37	37.77 1.79 2.81	37.53 1.75 0.04	37.81 1.86 0.60	38.04 2.09 2.15	40.97 2.47 0.00	40.85 2.78 0.00	44.35 3.17 0.00	45.93 3.72 -0.01	52.12 4.13 0.00	59.46 4.03 0.50	62.52 3.40 3.96	66.59 3.24 2.75	63.72 2.96 2.23	55.23 2.83 0.00	49.09 2.47 0.00	37.97 2.15 2.53
ARTHUR_KILL_3 23513	36.69 1.58 0.01	33.28 1.28 0.01	32.02 1.38 0.01	31.21 1.26 0.01	31.48 1.24 0.01	34.96 1.15 0.01	39.99 1.59 0.27	39.95 2.00 6.38	37.99 2.02 2.82	37.70 1.93 0.05	37.99 2.05 0.61	38.23 2.29 2.15	41.07 2.58 0.01	40.88 2.82 0.01	44.26 3.09 0.01	45.71 3.50 0.00	51.92 3.94 0.01	59.56 4.14 0.51	62.96 3.85 3.97	67.11 3.77 2.75	64.21 3.46 2.24	55.22 2.83 0.01	49.31 2.70 0.01	38.16 2.34 2.53

ARTHUR_KILL_COGEN 323718	36.73 1.62 0.00	33.29 1.28 0.00	31.97 1.32 0.00	31.16 1.20 0.00	31.40 1.15 0.00	34.73 0.91 0.00	39.76 1.35 0.26	39.74 1.77 6.37	37.88 1.90 2.81	37.64 1.86 0.04	37.92 1.97 0.60	38.16 2.21 2.15	41.08 2.58 0.00	40.96 2.89 0.00	44.48 3.30 0.00	46.06 3.84 -0.01	52.26 4.27 0.00	59.63 4.20 0.50	62.77 3.66 3.96	66.85 3.50 2.75	63.97 3.21 2.23	55.39 2.99 0.00	49.23 2.61 0.00	38.09 2.26 2.53
ASHOKAN____ 23654	37.47 2.35 0.00	33.96 1.95 0.00	32.58 1.93 0.00	31.76 1.80 0.00	31.94 1.69 0.00	35.51 1.69 0.00	40.53 1.86 0.00	46.10 1.77 0.00	40.03 1.24 0.00	36.82 1.00 0.00	37.61 1.06 0.00	39.16 1.07 0.00	39.85 1.35 0.00	39.74 1.67 0.00	43.20 2.02 0.00	44.40 2.19 0.00	50.63 2.64 0.00	59.34 3.41 0.00	67.05 3.98 0.00	70.39 4.29 0.00	65.76 2.77 0.00	54.23 1.83 0.00	48.34 1.73 0.00	41.11 2.76 0.00
ASTORIA_EAST_ENERGY_CC1 323581	36.70 1.58 0.00	33.45 1.44 0.00	32.24 1.59 0.00	31.43 1.47 0.00	31.67 1.42 0.00	34.82 1.01 0.01	40.09 1.43 0.01	46.23 1.90 0.01	40.76 1.98 0.01	37.78 1.97 0.01	38.55 2.01 0.01	40.37 2.29 0.01	41.11 2.62 0.01	40.92 2.86 0.01	44.34 3.17 0.01	45.89 3.67 -0.01	52.02 4.03 0.01	60.00 4.08 0.01	66.73 3.66 0.01	69.59 3.50 0.01	66.19 3.21 0.01	55.12 2.72 0.01	49.22 2.61 0.01	40.73 2.38 0.00
ASTORIA_EAST_ENERGY_CC2 323582	36.70 1.58 0.00	33.45 1.44 0.00	32.24 1.59 0.00	31.43 1.47 0.00	31.67 1.42 0.00	34.82 1.01 0.01	40.09 1.43 0.01	46.23 1.90 0.01	40.76 1.98 0.01	37.78 1.97 0.01	38.55 2.01 0.01	40.37 2.29 0.01	41.11 2.62 0.01	40.92 2.86 0.01	44.34 3.17 0.01	45.89 3.67 -0.01	52.02 4.03 0.01	60.00 4.08 0.01	66.73 3.66 0.01	69.59 3.50 0.01	66.19 3.21 0.01	55.12 2.72 0.01	49.22 2.61 0.01	40.73 2.38 0.00
ASTORIA_GT2_1 24094	36.73 1.62 0.00	33.45 1.44 0.00	32.24 1.59 0.00	31.43 1.47 0.00	31.67 1.42 0.00	34.83 1.01 0.00	40.14 1.47 0.00	46.32 1.99 0.00	40.81 2.02 0.00	37.83 2.01 0.00	38.60 2.05 0.00	40.42 2.32 0.00	40.93 2.43 0.00	40.89 2.82 0.00	44.39 3.21 0.00	45.89 3.67 -0.01	52.17 4.18 0.00	60.18 4.25 0.00	66.86 3.78 0.00	69.80 3.70 0.00	66.26 3.28 0.00	55.18 2.78 0.00	49.32 2.70 0.00	40.73 2.38 0.00
ASTORIA_GT2_2 24095	36.73 1.62 0.00	33.45 1.44 0.00	32.24 1.59 0.00	31.43 1.47 0.00	31.67 1.42 0.00	34.83 1.01 0.00	40.14 1.47 0.00	46.32 1.99 0.00	40.81 2.02 0.00	37.83 2.01 0.00	38.60 2.05 0.00	40.42 2.32 0.00	40.93 2.43 0.00	40.89 2.82 0.00	44.39 3.21 0.00	45.89 3.67 -0.01	52.17 4.18 0.00	60.18 4.25 0.00	66.86 3.78 0.00	69.80 3.70 0.00	66.26 3.28 0.00	55.18 2.78 0.00	49.32 2.70 0.00	40.73 2.38 0.00
ASTORIA_GT2_3 24096	36.73 1.62 0.00	33.45 1.44 0.00	32.24 1.59 0.00	31.43 1.47 0.00	31.67 1.42 0.00	34.83 1.01 0.00	40.14 1.47 0.00	46.32 1.99 0.00	40.81 2.02 0.00	37.83 2.01 0.00	38.60 2.05 0.00	40.42 2.32 0.00	40.93 2.43 0.00	40.89 2.82 0.00	44.39 3.21 0.00	45.89 3.67 -0.01	52.17 4.18 0.00	60.18 4.25 0.00	66.86 3.78 0.00	69.80 3.70 0.00	66.26 3.28 0.00	55.18 2.78 0.00	49.32 2.70 0.00	40.73 2.38 0.00
ASTORIA_GT2_4 24097	36.73 1.62 0.00	33.45 1.44 0.00	32.24 1.59 0.00	31.43 1.47 0.00	31.67 1.42 0.00	34.83 1.01 0.00	40.14 1.47 0.00	46.32 1.99 0.00	40.81 2.02 0.00	37.83 2.01 0.00	38.60 2.05 0.00	40.42 2.32 0.00	40.93 2.43 0.00	40.89 2.82 0.00	44.39 3.21 0.00	45.89 3.67 -0.01	52.17 4.18 0.00	60.18 4.25 0.00	66.86 3.78 0.00	69.80 3.70 0.00	66.26 3.28 0.00	55.18 2.78 0.00	49.32 2.70 0.00	40.73 2.38 0.00
ASTORIA_GT3_1 24098	36.73 1.62 0.00	33.45 1.44 0.00	32.24 1.59 0.00	31.43 1.47 0.00	31.67 1.42 0.00	34.83 1.01 0.00	40.14 1.47 0.00	46.32 1.99 0.00	40.81 2.02 0.00	37.83 2.01 0.00	38.60 2.05 0.00	40.42 2.32 0.00	40.93 2.43 0.00	40.89 2.82 0.00	44.39 3.21 0.00	45.89 3.67 -0.01	52.17 4.18 0.00	60.18 4.25 0.00	66.86 3.78 0.00	69.80 3.70 0.00	66.26 3.28 0.00	55.18 2.78 0.00	49.32 2.70 0.00	40.73 2.38 0.00
ASTORIA_GT3_2 24099	36.73 1.62 0.00	33.45 1.44 0.00	32.24 1.59 0.00	31.43 1.47 0.00	31.67 1.42 0.00	34.83 1.01 0.00	40.14 1.47 0.00	46.32 1.99 0.00	40.81 2.02 0.00	37.83 2.01 0.00	38.60 2.05 0.00	40.42 2.32 0.00	40.93 2.43 0.00	40.89 2.82 0.00	44.39 3.21 0.00	45.89 3.67 -0.01	52.17 4.18 0.00	60.18 4.25 0.00	66.86 3.78 0.00	69.80 3.70 0.00	66.26 3.28 0.00	55.18 2.78 0.00	49.32 2.70 0.00	40.73 2.38 0.00
ASTORIA_GT3_3 24100	36.73 1.62 0.00	33.45 1.44 0.00	32.24 1.59 0.00	31.43 1.47 0.00	31.67 1.42 0.00	34.83 1.01 0.00	40.14 1.47 0.00	46.32 1.99 0.00	40.81 2.02 0.00	37.83 2.01 0.00	38.60 2.05 0.00	40.42 2.32 0.00	40.93 2.43 0.00	40.89 2.82 0.00	44.39 3.21 0.00	45.89 3.67 -0.01	52.17 4.18 0.00	60.18 4.25 0.00	66.86 3.78 0.00	69.80 3.70 0.00	66.26 3.28 0.00	55.18 2.78 0.00	49.32 2.70 0.00	40.73 2.38 0.00
ASTORIA_GT3_4 24101	36.73 1.62 0.00	33.45 1.44 0.00	32.24 1.59 0.00	31.43 1.47 0.00	31.67 1.42 0.00	34.83 1.01 0.00	40.14 1.47 0.00	46.32 1.99 0.00	40.81 2.02 0.00	37.83 2.01 0.00	38.60 2.05 0.00	40.42 2.32 0.00	40.93 2.43 0.00	40.89 2.82 0.00	44.39 3.21 0.00	45.89 3.67 -0.01	52.17 4.18 0.00	60.18 4.25 0.00	66.86 3.78 0.00	69.80 3.70 0.00	66.26 3.28 0.00	55.18 2.78 0.00	49.32 2.70 0.00	40.73 2.38 0.00
ASTORIA_GT4_1 24102	36.73 1.62 0.00	33.45 1.44 0.00	32.24 1.59 0.00	31.43 1.47 0.00	31.67 1.42 0.00	34.83 1.01 0.00	40.14 1.47 0.00	46.32 1.99 0.00	40.81 2.02 0.00	37.83 2.01 0.00	38.60 2.05 0.00	40.42 2.32 0.00	40.93 2.43 0.00	40.89 2.82 0.00	44.39 3.21 0.00	45.89 3.67 -0.01	52.17 4.18 0.00	60.18 4.25 0.00	66.86 3.78 0.00	69.80 3.70 0.00	66.26 3.28 0.00	55.18 2.78 0.00	49.32 2.70 0.00	40.73 2.38 0.00
ASTORIA_GT4_2 24103	36.73 1.62 0.00	33.45 1.44 0.00	32.24 1.59 0.00	31.43 1.47 0.00	31.67 1.42 0.00	34.83 1.01 0.00	40.14 1.47 0.00	46.32 1.99 0.00	40.81 2.02 0.00	37.83 2.01 0.00	38.60 2.05 0.00	40.42 2.32 0.00	40.93 2.43 0.00	40.89 2.82 0.00	44.39 3.21 0.00	45.89 3.67 -0.01	52.17 4.18 0.00	60.18 4.25 0.00	66.86 3.78 0.00	69.80 3.70 0.00	66.26 3.28 0.00	55.18 2.78 0.00	49.32 2.70 0.00	40.73 2.38 0.00
ASTORIA_GT4_3 24104	36.73 1.62 0.00	33.45 1.44 0.00	32.24 1.59 0.00	31.43 1.47 0.00	31.67 1.42 0.00	34.83 1.01 0.00	40.14 1.47 0.00	46.32 1.99 0.00	40.81 2.02 0.00	37.83 2.01 0.00	38.60 2.05 0.00	40.42 2.32 0.00	40.93 2.43 0.00	40.89 2.82 0.00	44.39 3.21 0.00	45.89 3.67 -0.01	52.17 4.18 0.00	60.18 4.25 0.00	66.86 3.78 0.00	69.80 3.70 0.00	66.26 3.28 0.00	55.18 2.78 0.00	49.32 2.70 0.00	40.73 2.38 0.00

ASTORIA_GT4_4 24105	36.73 1.62 0.00	33.45 1.44 0.00	32.24 1.59 0.00	31.43 1.47 0.00	31.67 1.42 0.00	34.83 1.01 0.00	40.14 1.47 0.00	46.32 1.99 0.00	40.81 2.02 0.00	37.83 2.01 0.00	38.60 2.05 0.00	40.42 2.32 0.00	40.93 2.43 0.00	40.89 2.82 0.00	44.39 3.21 0.00	45.89 3.67 -0.01	52.17 4.18 0.00	60.18 4.25 0.00	66.86 3.78 0.00	69.80 3.70 0.00	66.26 3.28 0.00	55.18 2.78 0.00	49.32 2.70 0.00	40.73 2.38 0.00
ASTORIA_GT_1 23523	36.80 1.69 0.00	33.52 1.50 0.00	32.31 1.66 0.00	31.46 1.50 0.00	31.73 1.48 0.00	34.90 1.08 0.00	40.22 1.55 0.00	46.41 2.08 0.00	40.88 2.09 0.00	37.90 2.08 0.00	38.67 2.12 0.00	40.53 2.44 0.00	41.00 2.50 0.00	40.96 2.89 0.00	44.47 3.29 0.00	45.97 3.76 -0.01	52.26 4.27 0.00	60.35 4.42 0.00	66.99 3.91 0.00	69.93 3.83 0.00	66.39 3.40 0.00	55.28 2.88 0.00	49.37 2.75 0.00	40.81 2.45 0.00
ASTORIA_GT_10 24110	36.84 1.72 0.00	33.48 1.47 0.00	32.18 1.53 0.00	31.37 1.41 0.00	31.64 1.39 0.00	35.00 1.18 0.00	40.29 1.62 0.00	46.46 2.13 0.00	40.92 2.13 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.53 2.44 0.00	41.04 2.54 0.00	40.96 2.89 0.00	44.47 3.29 0.00	45.97 3.76 -0.01	52.26 4.27 0.00	60.35 4.42 0.00	67.05 3.97 0.00	69.99 3.90 0.00	66.45 3.46 0.00	55.39 2.99 0.00	49.46 2.84 0.00	40.77 2.42 0.00
ASTORIA_GT_11 24225	36.84 1.72 0.00	33.48 1.47 0.00	32.18 1.53 0.00	31.37 1.41 0.00	31.64 1.39 0.00	35.00 1.18 0.00	40.29 1.62 0.00	46.46 2.13 0.00	40.92 2.13 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.53 2.44 0.00	41.04 2.54 0.00	40.96 2.89 0.00	44.47 3.29 0.00	45.97 3.76 -0.01	52.26 4.27 0.00	60.35 4.42 0.00	67.05 3.97 0.00	69.99 3.90 0.00	66.45 3.46 0.00	55.39 2.99 0.00	49.46 2.84 0.00	40.77 2.42 0.00
ASTORIA_GT_12 24226	36.84 1.72 0.00	33.48 1.47 0.00	32.18 1.53 0.00	31.37 1.41 0.00	31.64 1.39 0.00	35.00 1.18 0.00	40.29 1.62 0.00	46.46 2.13 0.00	40.92 2.13 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.53 2.44 0.00	41.04 2.54 0.00	40.96 2.89 0.00	44.47 3.29 0.00	45.97 3.76 -0.01	52.26 4.27 0.00	60.35 4.42 0.00	67.05 3.97 0.00	69.99 3.90 0.00	66.45 3.46 0.00	55.39 2.99 0.00	49.46 2.84 0.00	40.77 2.42 0.00
ASTORIA_GT_13 24227	36.84 1.72 0.00	33.48 1.47 0.00	32.18 1.53 0.00	31.37 1.41 0.00	31.64 1.39 0.00	35.00 1.18 0.00	40.29 1.62 0.00	46.46 2.13 0.00	40.92 2.13 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.53 2.44 0.00	41.04 2.54 0.00	40.96 2.89 0.00	44.47 3.29 0.00	45.97 3.76 -0.01	52.26 4.27 0.00	60.35 4.42 0.00	67.05 3.97 0.00	69.99 3.90 0.00	66.45 3.46 0.00	55.39 2.99 0.00	49.46 2.84 0.00	40.77 2.42 0.00
ASTORIA_GT_5 24106	36.80 1.69 0.00	33.52 1.50 0.00	32.31 1.66 0.00	31.46 1.50 0.00	31.73 1.48 0.00	34.90 1.08 0.00	40.22 1.55 0.00	46.41 2.08 0.00	40.88 2.09 0.00	37.90 2.08 0.00	38.67 2.12 0.00	40.53 2.44 0.00	41.00 2.50 0.00	40.96 2.89 0.00	44.47 3.29 0.00	45.97 3.76 -0.01	52.26 4.27 0.00	60.35 4.42 0.00	66.99 3.91 0.00	69.93 3.83 0.00	66.39 3.40 0.00	55.28 2.88 0.00	49.37 2.75 0.00	40.81 2.45 0.00
ASTORIA_GT_7 24107	36.80 1.69 0.00	33.52 1.50 0.00	32.31 1.66 0.00	31.46 1.50 0.00	31.73 1.48 0.00	34.90 1.08 0.00	40.22 1.55 0.00	46.41 2.08 0.00	40.88 2.09 0.00	37.90 2.08 0.00	38.67 2.12 0.00	40.53 2.44 0.00	41.00 2.50 0.00	40.96 2.89 0.00	44.47 3.29 0.00	45.97 3.76 -0.01	52.26 4.27 0.00	60.35 4.42 0.00	66.99 3.91 0.00	69.93 3.83 0.00	66.39 3.40 0.00	55.28 2.88 0.00	49.37 2.75 0.00	40.81 2.45 0.00
ASTORIA_GT_8 24108	36.80 1.69 0.00	33.52 1.50 0.00	32.31 1.66 0.00	31.46 1.50 0.00	31.73 1.48 0.00	34.90 1.08 0.00	40.22 1.55 0.00	46.41 2.08 0.00	40.88 2.09 0.00	37.90 2.08 0.00	38.67 2.12 0.00	40.53 2.44 0.00	41.00 2.50 0.00	40.96 2.89 0.00	44.47 3.29 0.00	45.97 3.76 -0.01	52.26 4.27 0.00	60.35 4.42 0.00	66.99 3.91 0.00	69.93 3.83 0.00	66.39 3.40 0.00	55.28 2.88 0.00	49.37 2.75 0.00	40.81 2.45 0.00
ASTORIA___2 24149	36.73 1.62 0.00	33.45 1.44 0.00	32.24 1.59 0.00	31.43 1.47 0.00	31.67 1.42 0.00	34.82 1.01 0.01	40.13 1.47 0.01	46.23 1.90 0.01	40.80 2.02 0.01	37.82 2.00 0.01	38.59 2.05 0.01	40.41 2.32 0.01	41.15 2.65 0.01	40.95 2.89 0.01	44.39 3.21 0.01	45.89 3.67 -0.01	52.06 4.08 0.01	60.06 4.14 0.01	66.73 3.66 0.01	69.59 3.50 0.01	66.19 3.21 0.01	55.12 2.72 0.01	49.22 2.61 0.01	40.77 2.42 0.00
ASTORIA___3 23516	36.84 1.72 0.00	33.48 1.47 0.00	32.18 1.53 0.00	31.40 1.44 0.00	31.64 1.39 0.00	35.00 1.18 0.00	40.29 1.62 0.00	46.41 2.08 0.00	40.92 2.13 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.50 2.40 0.00	41.23 2.73 0.00	41.04 2.97 0.00	44.48 3.30 0.00	45.97 3.76 -0.01	52.17 4.17 0.00	60.18 4.25 0.00	66.93 3.85 0.00	69.79 3.70 0.00	66.45 3.46 0.00	55.33 2.93 0.00	49.42 2.80 0.00	40.81 2.46 0.00
ASTORIA___4 23517	36.84 1.72 0.00	33.48 1.47 0.00	32.18 1.53 0.00	31.37 1.41 0.00	31.64 1.39 0.00	35.00 1.18 0.00	40.29 1.62 0.00	46.46 2.13 0.00	40.92 2.13 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.53 2.44 0.00	41.04 2.54 0.00	40.96 2.89 0.00	44.47 3.29 0.00	45.97 3.76 -0.01	52.26 4.27 0.00	60.35 4.42 0.00	67.05 3.97 0.00	69.99 3.90 0.00	66.45 3.46 0.00	55.39 2.99 0.00	49.46 2.84 0.00	40.77 2.42 0.00
ASTORIA___5 23518	36.84 1.72 0.00	33.48 1.47 0.00	32.18 1.53 0.00	31.40 1.44 0.00	31.64 1.39 0.00	35.00 1.18 0.00	40.29 1.62 0.00	46.41 2.08 0.00	40.92 2.13 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.50 2.40 0.00	41.23 2.73 0.00	41.04 2.97 0.00	44.48 3.30 0.00	45.97 3.76 -0.01	52.17 4.17 0.00	60.18 4.25 0.00	66.93 3.85 0.00	69.79 3.70 0.00	66.45 3.46 0.00	55.33 2.93 0.00	49.42 2.80 0.00	40.81 2.46 0.00
AST_ENERGY_2_CC3 323677	36.87 1.76 0.00	33.45 1.44 0.00	32.18 1.53 0.00	31.37 1.41 0.00	31.64 1.39 0.00	35.10 1.28 0.00	40.41 1.74 0.00	46.50 2.17 0.00	40.96 2.17 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.50 2.40 0.00	41.19 2.69 0.00	41.04 2.97 0.00	44.43 3.25 0.00	45.89 3.67 -0.01	52.07 4.08 0.00	60.29 4.37 0.00	67.17 4.10 0.00	70.13 4.03 0.00	66.70 3.72 0.00	55.44 3.04 0.00	49.51 2.89 0.00	40.84 2.49 0.00
AST_ENERGY_2_CC4 323678	36.87 1.76 0.00	33.45 1.44 0.00	32.18 1.53 0.00	31.37 1.41 0.00	31.64 1.39 0.00	35.10 1.28 0.00	40.41 1.74 0.00	46.50 2.17 0.00	40.96 2.17 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.50 2.40 0.00	41.19 2.69 0.00	41.04 2.97 0.00	44.43 3.25 0.00	45.89 3.67 -0.01	52.07 4.08 0.00	60.29 4.37 0.00	67.17 4.10 0.00	70.13 4.03 0.00	66.70 3.72 0.00	55.44 3.04 0.00	49.51 2.89 0.00	40.84 2.49 0.00

ATHENS_STG_1 23668	36.17 1.05 0.00	32.94 0.93 0.00	31.60 0.95 0.00	30.86 0.90 0.00	31.13 0.88 0.00	34.69 0.88 0.00	39.67 1.00 0.00	45.53 1.20 0.00	39.84 1.05 0.00	36.82 1.00 0.00	37.61 1.06 0.00	39.24 1.14 0.00	39.77 1.27 0.00	39.48 1.41 0.00	42.74 1.56 0.00	43.73 1.52 0.00	49.62 1.63 0.00	57.72 1.79 0.00	64.78 1.70 0.00	67.75 1.65 0.00	64.56 1.58 0.00	53.71 1.31 0.00	47.97 1.35 0.00	39.69 1.34 0.00
ATHENS_STG_2 23670	36.17 1.05 0.00	32.94 0.93 0.00	31.60 0.95 0.00	30.86 0.90 0.00	31.13 0.88 0.00	34.69 0.88 0.00	39.67 1.00 0.00	45.53 1.20 0.00	39.84 1.05 0.00	36.82 1.00 0.00	37.61 1.06 0.00	39.24 1.14 0.00	39.77 1.27 0.00	39.48 1.41 0.00	42.74 1.56 0.00	43.73 1.52 0.00	49.62 1.63 0.00	57.72 1.79 0.00	64.78 1.70 0.00	67.75 1.65 0.00	64.56 1.58 0.00	53.71 1.31 0.00	47.97 1.35 0.00	39.69 1.34 0.00
ATHENS_STG_3 23677	36.17 1.05 0.00	32.94 0.93 0.00	31.60 0.95 0.00	30.86 0.90 0.00	31.13 0.88 0.00	34.69 0.88 0.00	39.67 1.00 0.00	45.53 1.20 0.00	39.84 1.05 0.00	36.82 1.00 0.00	37.61 1.06 0.00	39.24 1.14 0.00	39.77 1.27 0.00	39.48 1.41 0.00	42.74 1.56 0.00	43.73 1.52 0.00	49.62 1.63 0.00	57.72 1.79 0.00	64.78 1.70 0.00	67.75 1.65 0.00	64.56 1.58 0.00	53.71 1.31 0.00	47.97 1.35 0.00	39.69 1.34 0.00
AUBURN___LFGE 323710	35.20 -0.21 -0.30	32.41 -0.26 -0.66	30.79 -0.31 -0.44	30.01 -0.24 -0.29	30.46 -0.18 -0.39	35.06 -0.14 -1.38	41.08 -0.15 -2.56	46.73 -0.22 -2.62	40.22 -0.08 -1.51	36.38 -0.18 -0.74	37.38 -0.22 -1.04	39.59 -0.27 -1.76	40.20 -0.23 -1.93	39.09 -0.46 -1.47	42.88 -0.45 -2.16	43.57 -0.46 -1.83	49.91 -0.53 -2.45	58.46 -0.28 -2.81	65.70 0.13 -2.50	68.28 0.40 -1.79	64.55 0.31 -1.24	53.07 0.05 -0.61	46.56 -0.28 -0.22	37.99 -0.46 -0.10
BABYLON_RES_REC 323704	37.86 2.74 -0.01	34.03 2.02 0.00	32.70 2.05 0.00	31.85 1.89 0.00	32.16 1.91 0.00	36.05 2.23 0.00	41.15 2.48 0.00	47.21 2.88 0.00	41.46 2.67 0.00	38.79 2.97 0.00	40.99 2.93 -1.52	41.18 3.08 0.00	41.62 3.12 0.00	41.70 3.62 -0.01	45.13 3.95 0.00	49.57 4.22 -3.14	52.74 4.75 0.00	61.02 5.09 0.00	67.24 4.16 0.00	70.33 4.23 0.00	66.58 3.59 0.00	55.28 2.88 0.00	50.35 3.73 0.00	41.73 3.38 0.00
BALL_HILL_WT_PWR 323825	30.57 -3.06 1.49	25.80 -2.88 3.33	25.62 -2.79 2.24	25.85 -2.64 1.47	25.63 -2.63 1.99	24.09 -2.77 6.95	22.58 -3.17 12.92	27.85 -3.23 13.24	28.89 -2.29 7.61	29.88 -2.19 3.75	29.02 -2.27 5.26	26.79 -2.44 8.86	26.17 -2.58 9.75	28.19 -2.67 7.21	27.04 -2.84 11.30	29.41 -3.00 9.80	30.93 -3.46 13.61	36.16 -3.58 16.19	45.49 -3.78 13.81	50.31 -3.96 11.82	50.29 -4.16 8.54	43.55 -3.77 5.08	39.65 -4.38 2.58	33.88 -3.99 0.49
BARON_WINDS___WT_PWR 323822	27.65 -1.26 6.20	16.87 -1.28 13.86	20.03 -1.29 9.33	22.66 -1.17 6.13	20.92 -1.06 8.28	3.87 -1.01 28.94	-16.19 -1.08 53.78	-12.00 -1.19 55.14	6.02 -1.09 31.68	19.04 -1.18 15.60	13.37 -1.28 21.90	-0.17 -1.37 36.89	-3.46 -1.38 40.58	5.64 -1.52 30.90	-6.00 -1.56 45.62	1.69 -1.69 38.83	-6.00 -1.73 52.27	-6.00 -1.57 60.36	8.00 -1.20 53.88	25.77 -0.93 39.40	34.34 -0.94 27.71	37.11 -1.15 14.14	39.36 -1.77 5.48	34.57 -1.76 2.02
BARRETT_IC_1 23704	37.48 2.35 -0.01	33.74 1.73 0.00	32.43 1.78 0.00	31.58 1.62 0.00	31.88 1.63 0.00	35.68 1.86 0.00	40.80 2.13 0.00	46.85 2.53 0.00	41.16 2.37 0.00	38.36 2.54 0.00	40.63 2.56 -1.52	40.84 2.74 0.00	41.39 2.89 0.00	41.39 3.31 -0.01	44.76 3.58 0.00	49.24 3.88 -3.15	52.41 4.41 -0.01	60.88 4.86 -0.09	67.06 3.91 -0.07	70.20 4.03 -0.07	66.33 3.34 -0.01	55.13 2.72 -0.01	49.93 3.31 0.00	41.31 2.95 0.00
BARRETT_IC_10 23701	37.48 2.35 -0.01	33.74 1.73 0.00	32.43 1.78 0.00	31.58 1.62 0.00	31.88 1.63 0.00	35.68 1.86 0.00	40.80 2.13 0.00	46.85 2.53 0.00	41.16 2.37 0.00	38.36 2.54 0.00	40.63 2.56 -1.52	40.84 2.74 0.00	41.39 2.89 0.00	41.39 3.31 -0.01	44.76 3.58 0.00	49.24 3.88 -3.15	52.41 4.41 -0.01	60.88 4.86 -0.09	67.06 3.91 -0.07	70.20 4.03 -0.07	66.33 3.34 -0.01	55.13 2.72 -0.01	49.93 3.31 0.00	41.31 2.95 0.00
BARRETT_IC_11 23702	37.48 2.35 -0.01	33.74 1.73 0.00	32.43 1.78 0.00	31.58 1.62 0.00	31.88 1.63 0.00	35.68 1.86 0.00	40.80 2.13 0.00	46.85 2.53 0.00	41.16 2.37 0.00	38.36 2.54 0.00	40.63 2.56 -1.52	40.84 2.74 0.00	41.39 2.89 0.00	41.39 3.31 -0.01	44.76 3.58 0.00	49.24 3.88 -3.15	52.41 4.41 -0.01	60.88 4.86 -0.09	67.06 3.91 -0.07	70.20 4.03 -0.07	66.33 3.34 -0.01	55.13 2.72 -0.01	49.93 3.31 0.00	41.31 2.95 0.00
BARRETT_IC_12 23703	37.48 2.35 -0.01	33.74 1.73 0.00	32.43 1.78 0.00	31.58 1.62 0.00	31.88 1.63 0.00	35.68 1.86 0.00	40.80 2.13 0.00	46.85 2.53 0.00	41.16 2.37 0.00	38.36 2.54 0.00	40.63 2.56 -1.52	40.84 2.74 0.00	41.39 2.89 0.00	41.39 3.31 -0.01	44.76 3.58 0.00	49.24 3.88 -3.15	52.41 4.41 -0.01	60.88 4.86 -0.09	67.06 3.91 -0.07	70.20 4.03 -0.07	66.33 3.34 -0.01	55.13 2.72 -0.01	49.93 3.31 0.00	41.31 2.95 0.00
BARRETT_IC_2 23705	37.48 2.35 -0.01	33.74 1.73 0.00	32.43 1.78 0.00	31.58 1.62 0.00	31.88 1.63 0.00	35.68 1.86 0.00	40.80 2.13 0.00	46.85 2.53 0.00	41.16 2.37 0.00	38.36 2.54 0.00	40.63 2.56 -1.52	40.84 2.74 0.00	41.39 2.89 0.00	41.39 3.31 -0.01	44.76 3.58 0.00	49.24 3.88 -3.15	52.41 4.41 -0.01	60.88 4.86 -0.09	67.06 3.91 -0.07	70.20 4.03 -0.07	66.33 3.34 -0.01	55.13 2.72 -0.01	49.93 3.31 0.00	41.31 2.95 0.00
BARRETT_IC_3 23706	37.48 2.35 -0.01	33.74 1.73 0.00	32.43 1.78 0.00	31.58 1.62 0.00	31.88 1.63 0.00	35.68 1.86 0.00	40.80 2.13 0.00	46.85 2.53 0.00	41.16 2.37 0.00	38.36 2.54 0.00	40.63 2.56 -1.52	40.84 2.74 0.00	41.39 2.89 0.00	41.39 3.31 -0.01	44.76 3.58 0.00	49.24 3.88 -3.15	52.41 4.41 -0.01	60.88 4.86 -0.09	67.06 3.91 -0.07	70.20 4.03 -0.07	66.33 3.34 -0.01	55.13 2.72 -0.01	49.93 3.31 0.00	41.31 2.95 0.00
BARRETT_IC_4 23707	37.48 2.35 -0.01	33.74 1.73 0.00	32.43 1.78 0.00	31.58 1.62 0.00	31.88 1.63 0.00	35.68 1.86 0.00	40.80 2.13 0.00	46.85 2.53 0.00	41.16 2.37 0.00	38.36 2.54 0.00	40.63 2.56 -1.52	40.84 2.74 0.00	41.39 2.89 0.00	41.39 3.31 -0.01	44.76 3.58 0.00	49.24 3.88 -3.15	52.41 4.41 -0.01	60.88 4.86 -0.09	67.06 3.91 -0.07	70.20 4.03 -0.07	66.33 3.34 -0.01	55.13 2.72 -0.01	49.93 3.31 0.00	41.31 2.95 0.00
BARRETT_IC_5 23708	37.48 2.35 -0.01	33.74 1.73 0.00	32.43 1.78 0.00	31.58 1.62 0.00	31.88 1.63 0.00	35.68 1.86 0.00	40.80 2.13 0.00	46.85 2.53 0.00	41.16 2.37 0.00	38.36 2.54 0.00	40.63 2.56 -1.52	40.84 2.74 0.00	41.39 2.89 0.00	41.39 3.31 -0.01	44.76 3.58 0.00	49.24 3.88 -3.15	52.41 4.41 -0.01	60.88 4.86 -0.09	67.06 3.91 -0.07	70.20 4.03 -0.07	66.33 3.34 -0.01	55.13 2.72 -0.01	49.93 3.31 0.00	41.31 2.95 0.00

BARRETT_IC_6 23709	37.48 2.35 -0.01	33.74 1.73 0.00	32.43 1.78 0.00	31.58 1.62 0.00	31.88 1.63 0.00	35.68 1.86 0.00	40.80 2.13 0.00	46.85 2.53 0.00	41.16 2.37 0.00	38.36 2.54 0.00	40.63 2.56 -1.52	40.84 2.74 0.00	41.39 2.89 0.00	41.39 3.31 -0.01	44.76 3.58 0.00	49.24 3.88 -3.15	52.41 4.41 -0.01	60.88 4.86 -0.09	67.06 3.91 -0.07	70.20 4.03 -0.07	66.33 3.34 -0.01	55.13 2.72 -0.01	49.93 3.31 0.00	41.31 2.95 0.00
BARRETT_IC_7 23710	37.47 2.35 0.00	33.74 1.73 0.00	32.43 1.78 0.00	31.58 1.62 0.00	31.88 1.63 0.00	35.68 1.86 0.00	40.80 2.13 0.00	47.08 2.75 0.00	41.16 2.37 0.00	38.36 2.54 0.00	40.63 2.56 -1.52	40.88 2.78 0.00	41.16 2.66 0.00	41.30 3.24 0.00	44.76 3.58 0.00	49.23 3.88 -3.14	52.46 4.46 0.00	60.99 4.98 -0.09	67.50 4.35 -0.07	70.40 4.23 -0.07	66.39 3.40 0.00	55.23 2.83 0.00	50.02 3.40 0.00	41.34 2.99 0.00
BARRETT_IC_8 23711	37.48 2.35 -0.01	33.74 1.73 0.00	32.43 1.78 0.00	31.58 1.62 0.00	31.88 1.63 0.00	35.68 1.86 0.00	40.80 2.13 0.00	46.85 2.53 0.00	41.16 2.37 0.00	38.36 2.54 0.00	40.63 2.56 -1.52	40.84 2.74 0.00	41.39 2.89 0.00	41.39 3.31 -0.01	44.76 3.58 0.00	49.24 3.88 -3.15	52.41 4.41 -0.01	60.88 4.86 -0.09	67.06 3.91 -0.07	70.20 4.03 -0.07	66.33 3.34 -0.01	55.13 2.72 -0.01	49.93 3.31 0.00	41.31 2.95 0.00
BARRETT_IC_9 23700	37.48 2.35 -0.01	33.74 1.73 0.00	32.43 1.78 0.00	31.58 1.62 0.00	31.88 1.63 0.00	35.68 1.86 0.00	40.80 2.13 0.00	46.85 2.53 0.00	41.16 2.37 0.00	38.36 2.54 0.00	40.63 2.56 -1.52	40.84 2.74 0.00	41.39 2.89 0.00	41.39 3.31 -0.01	44.76 3.58 0.00	49.24 3.88 -3.15	52.41 4.41 -0.01	60.88 4.86 -0.09	67.06 3.91 -0.07	70.20 4.03 -0.07	66.33 3.34 -0.01	55.13 2.72 -0.01	49.93 3.31 0.00	41.31 2.95 0.00
BARRETT___1 23545	37.48 2.35 -0.01	33.74 1.73 0.00	32.43 1.78 0.00	31.58 1.62 0.00	31.88 1.63 0.00	35.68 1.86 0.00	40.80 2.13 0.00	46.85 2.53 0.00	41.16 2.37 0.00	38.36 2.54 0.00	40.63 2.56 -1.52	40.84 2.74 0.00	41.39 2.89 0.00	41.39 3.31 -0.01	44.76 3.58 0.00	49.24 3.88 -3.15	52.41 4.41 -0.01	60.88 4.86 -0.09	67.06 3.91 -0.07	70.20 4.03 -0.07	66.33 3.34 -0.01	55.13 2.72 -0.01	49.93 3.31 0.00	41.31 2.95 0.00
BARRETT___2 23546	37.48 2.35 -0.01	33.74 1.73 0.00	32.43 1.78 0.00	31.58 1.62 0.00	31.88 1.63 0.00	35.68 1.86 0.00	40.80 2.13 0.00	46.85 2.53 0.00	41.16 2.37 0.00	38.36 2.54 0.00	40.63 2.56 -1.52	40.84 2.74 0.00	41.39 2.89 0.00	41.39 3.31 -0.01	44.76 3.58 0.00	49.24 3.88 -3.15	52.41 4.41 -0.01	60.88 4.86 -0.09	67.06 3.91 -0.07	70.20 4.03 -0.07	66.33 3.34 -0.01	55.13 2.72 -0.01	49.93 3.31 0.00	41.31 2.95 0.00
BATAVIA___115KV_TB1 55881	31.50 -2.77 0.84	27.46 -2.69 1.86	26.79 -2.61 1.26	26.74 -2.40 0.83	26.81 -2.33 1.11	27.54 -2.40 3.88	28.80 -2.67 7.20	34.33 -2.62 7.39	32.80 -1.75 4.25	31.97 -1.76 2.10	31.68 -1.94 2.94	30.90 -2.25 4.95	30.83 -2.23 5.44	31.43 -2.47 4.17	31.49 -2.80 6.89	33.21 -2.91 6.09	35.79 -3.50 8.69	41.44 -3.80 10.68	48.77 -3.72 10.59	54.04 -3.64 8.42	52.41 -3.72 6.86	44.75 -3.67 3.99	40.31 -4.06 2.25	34.51 -3.57 0.28
BAYONEEC___CTG1 323682	36.87 1.76 0.00	33.45 1.44 0.00	32.15 1.50 0.00	31.37 1.41 0.00	31.61 1.36 0.00	35.13 1.32 0.00	40.45 1.78 0.00	46.54 2.22 0.00	41.00 2.21 0.00	37.93 2.11 0.00	38.78 2.23 0.00	40.54 2.44 0.00	41.23 2.73 0.00	41.08 3.01 0.00	44.48 3.30 0.00	45.93 3.72 -0.01	52.12 4.13 0.00	60.34 4.42 0.00	67.17 4.10 0.00	70.13 4.03 0.00	66.77 3.78 0.00	55.49 3.09 0.00	49.56 2.94 0.00	40.84 2.49 0.00
BAYONEEC___CTG10 323750	36.87 1.76 0.00	33.45 1.44 0.00	32.15 1.50 0.00	31.37 1.41 0.00	31.61 1.36 0.00	35.13 1.32 0.00	40.45 1.78 0.00	46.54 2.22 0.00	41.00 2.21 0.00	37.93 2.11 0.00	38.78 2.23 0.00	40.54 2.44 0.00	41.23 2.73 0.00	41.08 3.01 0.00	44.48 3.30 0.00	45.93 3.72 -0.01	52.12 4.13 0.00	60.34 4.42 0.00	67.17 4.10 0.00	70.13 4.03 0.00	66.77 3.78 0.00	55.49 3.09 0.00	49.56 2.94 0.00	40.84 2.49 0.00
BAYONEEC___CTG2 323683	36.87 1.76 0.00	33.45 1.44 0.00	32.15 1.50 0.00	31.37 1.41 0.00	31.61 1.36 0.00	35.13 1.32 0.00	40.45 1.78 0.00	46.54 2.22 0.00	41.00 2.21 0.00	37.93 2.11 0.00	38.78 2.23 0.00	40.54 2.44 0.00	41.23 2.73 0.00	41.08 3.01 0.00	44.48 3.30 0.00	45.93 3.72 -0.01	52.12 4.13 0.00	60.34 4.42 0.00	67.17 4.10 0.00	70.13 4.03 0.00	66.77 3.78 0.00	55.49 3.09 0.00	49.56 2.94 0.00	40.84 2.49 0.00
BAYONEEC___CTG3 323684	36.87 1.76 0.00	33.45 1.44 0.00	32.15 1.50 0.00	31.37 1.41 0.00	31.61 1.36 0.00	35.13 1.32 0.00	40.45 1.78 0.00	46.54 2.22 0.00	41.00 2.21 0.00	37.93 2.11 0.00	38.78 2.23 0.00	40.54 2.44 0.00	41.23 2.73 0.00	41.08 3.01 0.00	44.48 3.30 0.00	45.93 3.72 -0.01	52.12 4.13 0.00	60.34 4.42 0.00	67.17 4.10 0.00	70.13 4.03 0.00	66.77 3.78 0.00	55.49 3.09 0.00	49.56 2.94 0.00	40.84 2.49 0.00
BAYONEEC___CTG4 323685	36.87 1.76 0.00	33.45 1.44 0.00	32.15 1.50 0.00	31.37 1.41 0.00	31.61 1.36 0.00	35.13 1.32 0.00	40.45 1.78 0.00	46.54 2.22 0.00	41.00 2.21 0.00	37.93 2.11 0.00	38.78 2.23 0.00	40.54 2.44 0.00	41.23 2.73 0.00	41.08 3.01 0.00	44.48 3.30 0.00	45.93 3.72 -0.01	52.12 4.13 0.00	60.34 4.42 0.00	67.17 4.10 0.00	70.13 4.03 0.00	66.77 3.78 0.00	55.49 3.09 0.00	49.56 2.94 0.00	40.84 2.49 0.00
BAYONEEC___CTG5 323686	36.87 1.76 0.00	33.45 1.44 0.00	32.15 1.50 0.00	31.37 1.41 0.00	31.61 1.36 0.00	35.13 1.32 0.00	40.45 1.78 0.00	46.54 2.22 0.00	41.00 2.21 0.00	37.93 2.11 0.00	38.78 2.23 0.00	40.54 2.44 0.00	41.23 2.73 0.00	41.08 3.01 0.00	44.48 3.30 0.00	45.93 3.72 -0.01	52.12 4.13 0.00	60.34 4.42 0.00	67.17 4.10 0.00	70.13 4.03 0.00	66.77 3.78 0.00	55.49 3.09 0.00	49.56 2.94 0.00	40.84 2.49 0.00
BAYONEEC___CTG6 323687	36.87 1.76 0.00	33.45 1.44 0.00	32.15 1.50 0.00	31.37 1.41 0.00	31.61 1.36 0.00	35.13 1.32 0.00	40.45 1.78 0.00	46.54 2.22 0.00	41.00 2.21 0.00	37.93 2.11 0.00	38.78 2.23 0.00	40.54 2.44 0.00	41.23 2.73 0.00	41.08 3.01 0.00	44.48 3.30 0.00	45.93 3.72 -0.01	52.12 4.13 0.00	60.34 4.42 0.00	67.17 4.10 0.00	70.13 4.03 0.00	66.77 3.78 0.00	55.49 3.09 0.00	49.56 2.94 0.00	40.84 2.49 0.00
BAYONEEC___CTG7 323688	36.87 1.76 0.00	33.45 1.44 0.00	32.15 1.50 0.00	31.37 1.41 0.00	31.61 1.36 0.00	35.13 1.32 0.00	40.45 1.78 0.00	46.54 2.22 0.00	41.00 2.21 0.00	37.93 2.11 0.00	38.78 2.23 0.00	40.54 2.44 0.00	41.23 2.73 0.00	41.08 3.01 0.00	44.48 3.30 0.00	45.93 3.72 -0.01	52.12 4.13 0.00	60.34 4.42 0.00	67.17 4.10 0.00	70.13 4.03 0.00	66.77 3.78 0.00	55.49 3.09 0.00	49.56 2.94 0.00	40.84 2.49 0.00

BAYONEEC___CTG8 323689	36.87 1.76 0.00	33.45 1.44 0.00	32.15 1.50 0.00	31.37 1.41 0.00	31.61 1.36 0.00	35.13 1.32 0.00	40.45 1.78 0.00	46.54 2.22 0.00	41.00 2.21 0.00	37.93 2.11 0.00	38.78 2.23 0.00	40.54 2.44 0.00	41.23 2.73 0.00	41.08 3.01 0.00	44.48 3.30 0.00	45.93 3.72 -0.01	52.12 4.13 0.00	60.34 4.42 0.00	67.17 4.10 0.00	70.13 4.03 0.00	66.77 3.78 0.00	55.49 3.09 0.00	49.56 2.94 0.00	40.84 2.49 0.00
BAYONEEC___CTG9 323749	36.87 1.76 0.00	33.45 1.44 0.00	32.15 1.50 0.00	31.37 1.41 0.00	31.61 1.36 0.00	35.13 1.32 0.00	40.45 1.78 0.00	46.54 2.22 0.00	41.00 2.21 0.00	37.93 2.11 0.00	38.78 2.23 0.00	40.54 2.44 0.00	41.23 2.73 0.00	41.08 3.01 0.00	44.48 3.30 0.00	45.93 3.72 -0.01	52.12 4.13 0.00	60.34 4.42 0.00	67.17 4.10 0.00	70.13 4.03 0.00	66.77 3.78 0.00	55.49 3.09 0.00	49.56 2.94 0.00	40.84 2.49 0.00
BAYPORT_69_KV_BK 2 356364	38.38 3.27 0.00	34.44 2.43 0.00	33.13 2.48 0.00	32.27 2.31 0.00	32.58 2.33 0.00	36.59 2.77 0.00	41.69 3.02 0.00	48.23 3.90 0.00	42.09 3.30 0.00	39.47 3.65 0.00	41.61 3.55 -1.52	41.79 3.70 0.00	41.89 3.39 0.00	42.14 4.07 0.00	45.63 4.45 0.00	50.20 4.85 -3.14	53.56 5.57 0.00	61.85 5.93 0.01	68.50 5.42 0.00	71.25 5.16 0.00	67.21 4.22 0.00	55.96 3.56 0.00	51.00 4.38 0.00	42.23 3.87 0.00
BEACON___LESR 323632	36.27 1.16 0.00	33.04 1.02 0.00	31.63 0.98 0.00	30.92 0.96 0.00	31.16 0.91 0.00	34.83 1.01 0.00	39.75 1.08 0.00	45.57 1.24 0.00	39.64 0.85 0.00	36.64 0.82 0.00	37.43 0.88 0.00	39.01 0.91 0.00	39.50 1.00 0.00	39.17 1.10 0.00	42.33 1.15 0.00	43.39 1.18 0.00	49.24 1.25 0.00	57.55 1.62 0.00	64.91 1.83 0.00	68.21 2.11 0.00	65.00 2.02 0.00	54.08 1.68 0.00	48.15 1.54 0.00	39.81 1.46 0.00
BEAVER RIVER___HYD 24048	35.64 0.53 0.00	32.40 0.39 0.00	30.93 0.28 0.00	30.11 0.15 0.00	30.28 0.03 0.00	33.92 0.10 0.00	38.67 0.00 0.00	44.60 0.27 0.00	38.75 -0.04 0.00	35.68 -0.14 0.00	36.15 -0.40 0.00	37.68 -0.42 0.00	37.88 -0.62 0.00	37.46 -0.61 0.00	40.40 -0.78 0.00	41.45 -0.76 0.00	47.18 -0.82 0.00	55.48 -0.45 0.00	63.39 0.32 0.00	66.62 0.53 0.00	63.37 0.38 0.00	52.72 0.32 0.00	46.99 0.37 0.00	38.31 -0.04 0.00
BEEBEE_GT_13 23619	32.58 -2.28 0.25	29.24 -2.21 0.56	28.10 -2.18 0.38	27.74 -1.98 0.25	27.98 -1.94 0.33	30.62 -2.03 1.17	34.26 -2.24 2.17	39.84 -2.26 2.23	35.92 -1.59 1.28	33.68 -1.50 0.63	34.06 -1.61 0.88	34.78 -1.83 1.49	35.05 -1.81 1.64	34.78 -2.02 1.27	36.23 -2.26 2.69	37.33 -2.32 2.55	41.26 -2.74 4.00	47.62 -2.96 5.34	54.30 -2.84 5.94	58.09 -2.91 5.10	55.43 -2.96 4.60	46.72 -2.78 2.90	41.72 -2.98 1.91	35.51 -2.76 0.08
BENSHRST_27_KV_BENSHRST_1 355998	37.01 1.90 0.00	33.58 1.57 0.00	32.27 1.62 0.00	31.43 1.47 0.00	31.70 1.45 0.00	35.07 1.25 0.00	40.41 1.74 0.00	46.63 2.31 0.00	41.08 2.29 0.00	38.08 2.26 0.00	38.93 2.38 0.00	40.72 2.63 0.00	41.27 2.77 0.00	41.27 3.20 0.00	44.85 3.67 0.00	46.40 4.18 -0.01	52.74 4.75 0.00	60.85 4.92 0.00	67.56 4.48 0.00	70.39 4.30 0.00	66.89 3.91 0.00	55.81 3.41 0.00	49.74 3.12 0.00	41.00 2.65 0.00
BETHLEHEM___GRP 23843	35.78 0.67 0.00	32.59 0.58 0.00	31.23 0.58 0.00	30.50 0.54 0.00	30.76 0.51 0.00	34.36 0.54 0.00	39.25 0.58 0.00	44.95 0.62 0.00	39.10 0.31 0.00	36.18 0.36 0.00	36.95 0.40 0.00	38.52 0.42 0.00	38.88 0.38 0.00	38.68 0.61 0.00	41.84 0.66 0.00	42.84 0.63 0.00	48.52 0.53 0.00	56.60 0.67 0.00	63.77 0.69 0.00	66.89 0.79 0.00	63.93 0.94 0.00	53.24 0.84 0.00	47.36 0.75 0.00	39.20 0.84 0.00
BETHLEHEM___GS1 323560	35.78 0.67 0.00	32.59 0.58 0.00	31.23 0.58 0.00	30.56 0.60 0.00	30.76 0.51 0.00	34.36 0.54 0.00	39.25 0.58 0.00	44.90 0.57 0.00	39.10 0.31 0.00	36.18 0.36 0.00	36.96 0.40 0.00	38.52 0.42 0.00	39.00 0.50 0.00	38.72 0.65 0.00	41.84 0.66 0.00	42.88 0.67 0.00	48.57 0.58 0.00	56.60 0.67 0.00	63.77 0.70 0.00	66.95 0.86 0.00	63.80 0.82 0.00	53.08 0.68 0.00	47.36 0.74 0.00	39.19 0.84 0.00
BETHLEHEM___GS2 323561	35.78 0.67 0.00	32.59 0.58 0.00	31.23 0.58 0.00	30.56 0.60 0.00	30.76 0.51 0.00	34.36 0.54 0.00	39.25 0.58 0.00	44.90 0.57 0.00	39.10 0.31 0.00	36.18 0.36 0.00	36.96 0.40 0.00	38.52 0.42 0.00	39.00 0.50 0.00	38.72 0.65 0.00	41.84 0.66 0.00	42.88 0.67 0.00	48.57 0.58 0.00	56.60 0.67 0.00	63.77 0.70 0.00	66.95 0.86 0.00	63.80 0.82 0.00	53.08 0.68 0.00	47.36 0.74 0.00	39.19 0.84 0.00
BETHLEHEM___GS3 323562	35.78 0.67 0.00	32.59 0.58 0.00	31.23 0.58 0.00	30.56 0.60 0.00	30.76 0.51 0.00	34.36 0.54 0.00	39.25 0.58 0.00	44.90 0.57 0.00	39.10 0.31 0.00	36.18 0.36 0.00	36.96 0.40 0.00	38.52 0.42 0.00	39.00 0.50 0.00	38.72 0.65 0.00	41.84 0.66 0.00	42.88 0.67 0.00	48.57 0.58 0.00	56.60 0.67 0.00	63.77 0.70 0.00	66.95 0.86 0.00	63.80 0.82 0.00	53.08 0.68 0.00	47.36 0.74 0.00	39.19 0.84 0.00
BETHLEHEM___STEEL 23779	30.57 -3.09 1.45	25.86 -2.91 3.24	25.65 -2.82 2.18	25.86 -2.67 1.43	25.65 -2.66 1.93	24.29 -2.77 6.75	22.99 -3.13 12.55	28.22 -3.24 12.87	29.14 -2.25 7.40	30.03 -2.15 3.64	29.17 -2.27 5.11	27.01 -2.48 8.61	26.56 -2.46 9.47	28.37 -2.66 7.03	27.25 -2.88 11.05	29.54 -3.08 9.58	30.97 -3.70 13.33	36.13 -3.91 15.88	45.76 -4.10 13.22	50.16 -4.30 11.64	50.22 -4.47 8.29	43.18 -4.19 5.03	39.71 -4.34 2.57	33.97 -3.91 0.47
BETHLHEM_115KV_TB1 79974	35.82 0.70 0.00	32.65 0.64 0.00	31.26 0.61 0.00	30.56 0.60 0.00	30.83 0.57 0.00	34.43 0.61 0.00	39.29 0.62 0.00	45.04 0.71 0.00	39.22 0.43 0.00	36.25 0.43 0.00	37.03 0.48 0.00	38.63 0.53 0.00	38.96 0.46 0.00	38.75 0.69 0.00	41.92 0.74 0.00	42.93 0.72 0.00	48.66 0.67 0.00	56.77 0.84 0.00	63.90 0.82 0.00	67.02 0.93 0.00	64.00 1.01 0.00	53.34 0.94 0.00	47.46 0.84 0.00	39.27 0.92 0.00
BETHPAGE_CC_5 323564	37.76 2.63 -0.01	33.96 1.95 0.00	32.64 1.99 0.00	31.79 1.83 0.00	32.10 1.85 0.00	35.95 2.13 0.00	41.07 2.40 0.00	47.17 2.84 0.00	41.43 2.64 0.00	38.72 2.90 0.00	40.95 2.89 -1.52	41.14 3.05 0.00	41.66 3.16 0.00	41.70 3.62 -0.01	45.09 3.91 0.00	49.44 4.09 -3.14	52.46 4.46 0.00	60.68 4.75 0.00	66.86 3.78 0.00	69.93 3.83 0.00	66.14 3.15 0.00	54.97 2.57 0.00	50.07 3.45 0.00	41.65 3.30 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	30.82 -2.88 1.42	26.09 -2.75 3.17	25.85 -2.67 2.13	26.07 -2.49 1.40	25.88 -2.48 1.89	24.60 -2.60 6.61	23.48 -2.90 12.29	28.76 -2.97 12.60	29.53 -2.02 7.24	30.32 -1.93 3.57	29.50 -2.05 5.01	27.42 -2.25 8.43	27.03 -2.19 9.27	28.79 -2.40 6.88	27.71 -2.64 10.83	30.03 -2.79 9.40	31.61 -3.31 13.07	36.87 -3.47 15.59	46.54 -3.66 12.88	50.89 -3.77 11.44	50.91 -3.97 8.11	43.62 -3.83 4.95	40.02 -4.06 2.54	34.24 -3.64 0.46

BINGHAMTON___COGEN 23790	35.53 0.18 -0.24	32.63 0.10 -0.53	31.07 0.06 -0.35	30.28 0.09 -0.23	30.69 0.12 -0.31	35.12 0.20 -1.10	40.94 0.23 -2.04	46.73 0.31 -2.09	40.34 0.35 -1.20	36.66 0.25 -0.59	37.60 0.22 -0.83	39.72 0.23 -1.40	40.27 0.23 -1.54	39.42 0.15 -1.20	42.97 0.21 -1.59	43.70 0.21 -1.28	49.88 0.29 -1.60	58.17 0.56 -1.69	65.24 0.82 -1.34	67.74 0.93 -0.72	64.13 0.82 -0.32	52.88 0.47 -0.01	46.62 0.19 0.18	38.43 0.00 -0.08
BIXINCNT_115KV_LOAD 355685	31.18 -2.63 1.30	26.52 -2.59 2.90	26.12 -2.57 1.95	26.25 -2.43 1.28	26.04 -2.48 1.73	25.30 -2.47 6.05	24.73 -2.71 11.24	30.06 -2.75 11.52	30.35 -1.82 6.62	30.84 -1.72 3.26	30.18 -1.79 4.58	28.44 -1.94 7.71	28.10 -1.93 8.48	29.71 -2.06 6.30	29.01 -2.22 9.94	31.16 -2.41 8.65	33.11 -2.83 12.05	38.79 -2.74 14.40	48.57 -2.59 11.92	52.89 -2.58 10.63	52.66 -2.77 7.55	44.93 -2.83 4.64	40.91 -3.31 2.40	34.74 -3.18 0.42
BLACK RIVER___HYD 24047	36.10 0.98 0.00	32.78 0.77 0.00	31.32 0.67 0.00	30.59 0.63 0.00	30.76 0.51 0.00	34.53 0.71 0.00	39.33 0.66 0.00	45.44 1.11 0.00	39.41 0.62 0.00	36.21 0.39 0.00	36.55 0.00 0.00	38.13 0.04 0.00	38.23 -0.27 0.00	37.69 -0.38 0.00	40.64 -0.54 0.00	41.70 -0.50 0.00	47.37 -0.63 0.00	55.93 0.00 0.00	64.08 1.01 0.00	67.42 1.32 0.00	64.25 1.26 0.00	53.45 1.05 0.00	47.60 0.98 0.00	38.81 0.46 0.00
BLACKRVR_115KV_TB2 79977	36.10 0.98 0.00	32.78 0.77 0.00	31.32 0.67 0.00	30.59 0.63 0.00	30.76 0.51 0.00	34.53 0.71 0.00	39.33 0.66 0.00	45.39 1.06 0.00	39.41 0.62 0.00	36.21 0.39 0.00	36.55 0.00 0.00	38.10 0.00 0.00	38.27 -0.23 0.00	37.69 -0.38 0.00	40.64 -0.54 0.00	41.75 -0.46 0.00	47.37 -0.62 0.00	55.93 0.00 0.00	64.09 1.01 0.00	67.42 1.32 0.00	64.18 1.20 0.00	53.40 1.00 0.00	47.60 0.98 0.00	38.81 0.46 0.00
BLISS_WT_PWR 323608	31.08 -2.74 1.30	26.39 -2.72 2.90	26.00 -2.70 1.95	26.13 -2.55 1.28	25.92 -2.60 1.73	25.17 -2.60 6.05	24.61 -2.82 11.24	29.93 -2.88 11.52	30.19 -1.98 6.62	30.73 -1.83 3.26	30.07 -1.90 4.58	28.37 -2.02 7.71	27.87 -2.16 8.48	29.56 -2.21 6.30	28.89 -2.35 9.94	30.95 -2.62 8.65	32.97 -2.98 12.05	38.62 -2.91 14.40	48.45 -2.71 11.92	52.82 -2.65 10.63	52.67 -2.77 7.55	44.93 -2.83 4.64	40.82 -3.40 2.40	34.67 -3.26 0.42
BLUESTONE___WT_PWR 323821	37.25 1.86 -0.28	34.20 1.57 -0.62	32.54 1.47 -0.42	31.73 1.50 -0.27	32.07 1.45 -0.37	36.94 1.82 -1.30	42.43 1.35 -2.41	48.79 2.00 -2.47	41.72 1.51 -1.42	37.84 1.33 -0.70	38.48 0.95 -0.98	40.81 1.07 -1.65	41.13 0.81 -1.82	40.08 0.61 -1.41	43.70 0.62 -1.90	44.44 0.67 -1.56	50.83 0.86 -1.98	60.19 2.12 -2.13	68.04 3.22 -1.75	70.50 3.37 -1.04	66.57 3.02 -0.55	54.84 2.30 -0.14	48.13 1.63 0.12	39.44 1.00 -0.09
BLUE_CIRC_CHEM_DRP 24182	36.20 1.09 0.00	33.00 0.99 0.00	31.63 0.98 0.00	30.89 0.93 0.00	31.16 0.91 0.00	34.76 0.95 0.00	39.68 1.01 0.00	45.35 1.02 0.00	39.45 0.66 0.00	36.43 0.61 0.00	37.17 0.62 0.00	38.78 0.69 0.00	39.12 0.62 0.00	38.87 0.80 0.00	42.04 0.86 0.00	43.05 0.84 0.00	48.95 0.96 0.00	57.16 1.23 0.00	64.46 1.39 0.00	67.81 1.72 0.00	64.69 1.70 0.00	53.92 1.52 0.00	48.02 1.40 0.00	39.66 1.30 0.00
BOC_GAS_DRP 24189	35.89 0.77 0.00	32.72 0.70 0.00	31.36 0.70 0.00	30.62 0.66 0.00	30.92 0.67 0.00	34.49 0.68 0.00	39.41 0.73 0.00	45.22 0.89 0.00	39.45 0.66 0.00	36.46 0.64 0.00	37.25 0.69 0.00	38.82 0.72 0.00	39.23 0.73 0.00	38.98 0.91 0.00	42.17 0.99 0.00	43.18 0.97 0.00	49.05 1.06 0.00	57.10 1.17 0.00	64.21 1.14 0.00	67.29 1.19 0.00	64.18 1.20 0.00	53.45 1.05 0.00	47.64 1.03 0.00	39.31 0.96 0.00
BOONVILLE_115KV_TB1 79983	35.75 0.63 0.00	32.49 0.48 0.00	31.08 0.43 0.00	30.32 0.36 0.00	30.52 0.27 0.00	34.16 0.34 0.00	39.02 0.35 0.00	44.90 0.58 0.00	39.10 0.31 0.00	36.07 0.25 0.00	36.63 0.07 0.00	38.21 0.11 0.00	38.50 0.00 0.00	38.07 0.00 0.00	41.14 -0.04 0.00	42.21 0.00 0.00	47.99 0.00 0.00	56.32 0.39 0.00	63.96 0.88 0.00	67.15 1.06 0.00	63.87 0.88 0.00	53.08 0.68 0.00	47.27 0.65 0.00	38.66 0.31 0.00
BORALEX_4TH_BRANCH 23824	37.01 1.90 0.00	33.68 1.66 0.00	32.27 1.62 0.00	31.52 1.56 0.00	31.82 1.57 0.00	35.54 1.72 0.00	40.64 1.97 0.00	46.50 2.17 0.00	40.26 1.47 0.00	37.22 1.40 0.00	38.05 1.50 0.00	39.62 1.52 0.00	39.96 1.46 0.00	39.86 1.79 0.00	43.07 1.89 0.00	44.02 1.82 0.00	50.06 2.06 0.00	58.39 2.46 0.00	65.85 2.78 0.00	68.74 2.64 0.00	66.01 3.02 0.00	55.13 2.72 0.00	49.04 2.42 0.00	40.35 1.99 0.00
BOWLINE___1 23526	36.59 1.47 0.00	33.20 1.19 0.00	31.91 1.26 0.00	31.10 1.14 0.00	31.37 1.12 0.00	34.93 1.11 0.00	40.10 1.43 0.00	46.06 1.73 0.00	40.46 1.67 0.00	37.43 1.61 0.00	38.27 1.72 0.00	40.00 1.90 0.00	40.62 2.12 0.00	40.43 2.36 0.00	43.78 2.60 0.00	45.08 2.87 0.00	51.35 3.36 0.00	59.51 3.58 0.00	66.42 3.34 0.00	69.33 3.24 0.00	66.01 3.02 0.00	54.86 2.46 0.00	48.95 2.33 0.00	40.35 1.99 0.00
BOWLINE___2 23595	36.59 1.47 0.00	33.20 1.19 0.00	31.91 1.26 0.00	31.10 1.14 0.00	31.37 1.12 0.00	34.93 1.11 0.00	40.10 1.43 0.00	46.06 1.73 0.00	40.49 1.70 0.00	37.43 1.61 0.00	38.27 1.72 0.00	39.96 1.87 0.00	40.62 2.12 0.00	40.39 2.32 0.00	43.69 2.51 0.00	44.99 2.79 0.00	51.30 3.31 0.00	59.51 3.58 0.00	66.35 3.28 0.00	69.33 3.24 0.00	65.95 2.96 0.00	54.81 2.41 0.00	48.95 2.33 0.00	40.35 1.99 0.00
BRADY___115KV_TB2 356060	35.12 0.00 0.00	32.11 0.10 0.00	30.71 0.06 0.00	30.02 0.06 0.00	30.31 0.06 0.00	33.99 0.17 0.00	38.79 0.12 0.00	44.42 0.09 0.00	38.75 -0.04 0.00	35.71 -0.11 0.00	36.37 -0.18 0.00	37.91 -0.19 0.00	38.27 -0.23 0.00	37.76 -0.30 0.00	40.77 -0.41 0.00	41.75 -0.46 0.00	47.51 -0.48 0.00	55.14 -0.78 0.00	62.70 -0.38 0.00	65.83 -0.26 0.00	62.80 -0.19 0.00	52.35 -0.05 0.00	46.81 0.19 0.00	38.47 0.12 0.00
BRANSCOMB___SOLAR 323811	37.19 2.07 0.00	33.87 1.86 0.00	32.43 1.78 0.00	31.67 1.71 0.00	31.97 1.72 0.00	35.74 1.93 0.00	40.76 2.09 0.00	46.63 2.30 0.00	40.38 1.59 0.00	37.25 1.43 0.00	38.02 1.46 0.00	39.47 1.37 0.00	39.93 1.43 0.00	39.59 1.52 0.00	42.74 1.56 0.00	43.94 1.73 0.00	50.05 2.06 0.00	58.78 2.85 0.00	66.48 3.40 0.00	70.26 4.17 0.00	67.14 4.16 0.00	55.91 3.51 0.00	49.69 3.08 0.00	40.88 2.53 0.00
BRDGHMPT_69_KV_BK1 55812	38.38 3.27 0.00	34.57 2.56 0.00	33.41 2.76 0.00	32.60 2.64 0.00	33.00 2.75 0.00	37.10 3.28 0.00	42.23 3.56 0.00	48.94 4.61 0.00	42.75 3.96 0.00	40.19 4.37 0.00	42.31 4.24 -1.52	42.40 4.30 0.00	42.47 3.97 0.00	42.56 4.49 0.00	46.00 4.82 0.00	50.63 5.28 -3.14	54.18 6.19 0.00	62.63 6.71 0.01	69.38 6.31 0.00	71.97 5.88 0.00	67.71 4.72 0.00	56.38 3.98 0.00	51.42 4.80 0.00	42.69 4.33 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	38.10 2.98 0.00	34.22 2.21 0.00	32.89 2.24 0.00	32.03 2.07 0.00	32.34 2.09 0.00	36.29 2.47 0.00	41.42 2.75 0.00	47.83 3.50 0.00	41.70 2.91 0.00	39.04 3.22 0.00	41.25 3.18 -1.52	41.45 3.35 0.00	41.62 3.12 0.00	41.84 3.77 0.00	45.34 4.16 0.00	49.82 4.47 -3.14	53.08 5.09 0.00	61.18 5.26 0.01	67.74 4.67 0.00	70.59 4.49 0.00	66.58 3.59 0.00	55.65 3.25 0.00	50.72 4.10 0.00	41.96 3.61 0.00
BRISTLHL_115KV_TB1 79998	34.38 -0.74 0.00	31.27 -0.74 0.00	29.91 -0.74 0.00	29.30 -0.66 0.00	29.62 -0.64 0.00	33.14 -0.68 0.00	37.90 -0.77 0.00	43.35 -0.98 0.00	38.01 -0.78 0.00	35.07 -0.75 0.00	35.79 -0.77 0.00	37.22 -0.88 0.00	37.65 -0.85 0.00	37.00 -1.07 0.00	40.53 -1.19 -0.55	41.68 -1.18 -0.65	47.86 -1.39 -1.26	56.47 -1.40 -1.94	64.18 -1.39 -2.49	67.13 -1.32 -2.36	63.99 -1.32 -2.33	52.82 -1.15 -1.58	46.55 -1.21 -1.15	37.28 -1.07 0.00
BROOKHAVEN___DRP 24191	38.06 2.95 0.00	34.19 2.18 0.00	32.92 2.27 0.00	32.06 2.10 0.00	32.40 2.15 0.00	36.39 2.57 0.00	41.42 2.75 0.00	47.87 3.55 0.00	41.74 2.95 0.00	39.19 3.37 0.00	41.21 3.14 -1.52	41.33 3.24 0.00	41.43 2.93 0.00	41.57 3.50 0.00	45.01 3.83 0.00	49.57 4.22 -3.14	52.84 4.85 0.00	60.90 4.98 0.01	67.42 4.35 0.00	70.06 3.97 0.00	66.14 3.15 0.00	55.18 2.78 0.00	50.44 3.82 0.00	41.84 3.49 0.00
BROOKLYN_NAVY_YARD 23515	36.80 1.69 0.00	33.39 1.38 0.00	32.09 1.44 0.00	31.28 1.32 0.00	31.55 1.30 0.00	35.03 1.22 0.00	40.37 1.70 0.00	46.46 2.13 0.00	40.92 2.13 0.00	37.90 2.08 0.00	38.67 2.12 0.00	40.42 2.32 0.00	41.15 2.65 0.00	40.96 2.89 0.00	44.35 3.17 0.00	45.85 3.63 -0.01	52.02 4.03 0.00	60.23 4.31 0.00	67.05 3.98 0.00	69.99 3.90 0.00	66.58 3.59 0.00	55.33 2.93 0.00	49.51 2.89 0.00	40.81 2.46 0.00
BROOKLYN___ARMY_DRP 323595	36.91 1.79 0.00	33.45 1.44 0.00	32.15 1.50 0.00	31.34 1.38 0.00	31.58 1.33 0.00	34.97 1.15 0.00	40.26 1.59 0.00	46.46 2.13 0.00	40.92 2.13 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.57 2.48 0.00	41.08 2.58 0.00	41.08 3.01 0.00	44.64 3.46 0.00	46.19 3.97 -0.01	52.50 4.51 0.00	60.51 4.59 0.00	67.18 4.10 0.00	70.06 3.97 0.00	66.52 3.53 0.00	55.55 3.14 0.00	49.56 2.94 0.00	40.81 2.45 0.00
BROOME_2_LFGE 323671	35.53 0.18 -0.24	32.63 0.10 -0.53	31.07 0.06 -0.35	30.28 0.09 -0.23	30.69 0.12 -0.31	35.12 0.20 -1.10	40.95 0.23 -2.04	46.73 0.31 -2.09	40.34 0.35 -1.20	36.66 0.25 -0.59	37.60 0.22 -0.83	39.73 0.23 -1.40	40.27 0.23 -1.54	39.42 0.15 -1.20	42.97 0.21 -1.59	43.70 0.21 -1.28	49.88 0.29 -1.60	58.17 0.56 -1.69	65.18 0.76 -1.34	67.68 0.86 -0.72	64.07 0.76 -0.32	52.93 0.52 -0.01	46.62 0.19 0.18	38.43 0.00 -0.08
BROOME___LFGE 323600	35.53 0.18 -0.24	32.63 0.10 -0.53	31.07 0.06 -0.35	30.28 0.09 -0.23	30.69 0.12 -0.31	35.12 0.20 -1.10	40.95 0.23 -2.04	46.73 0.31 -2.09	40.34 0.35 -1.20	36.66 0.25 -0.59	37.60 0.22 -0.83	39.73 0.23 -1.40	40.27 0.23 -1.54	39.42 0.15 -1.20	42.97 0.21 -1.59	43.70 0.21 -1.28	49.88 0.29 -1.60	58.17 0.56 -1.69	65.18 0.76 -1.34	67.68 0.86 -0.72	64.07 0.76 -0.32	52.93 0.52 -0.01	46.62 0.19 0.18	38.43 0.00 -0.08
BROWNFLS_115KV_TB 3_5 80003	35.12 0.00 0.00	31.98 -0.03 0.00	30.56 -0.09 0.00	29.81 -0.15 0.00	30.01 -0.24 0.00	33.65 -0.17 0.00	38.40 -0.27 0.00	44.15 -0.18 0.00	38.48 -0.31 0.00	35.43 -0.39 0.00	35.97 -0.58 0.00	37.52 -0.57 0.00	37.73 -0.77 0.00	37.23 -0.84 0.00	40.11 -1.07 0.00	41.11 -1.10 0.00	46.79 -1.20 0.00	54.70 -1.23 0.00	62.38 -0.69 0.00	65.50 -0.59 0.00	62.36 -0.63 0.00	51.93 -0.47 0.00	46.39 -0.23 0.00	38.01 -0.35 0.00
BROWNSV1_27_KV_LOAD 356125	37.12 2.00 0.00	33.68 1.66 0.00	32.37 1.72 0.00	31.58 1.62 0.00	31.82 1.57 0.00	35.37 1.56 0.00	40.72 2.05 0.00	46.99 2.66 0.00	41.31 2.52 0.00	38.22 2.40 0.00	39.07 2.52 0.00	40.88 2.78 0.00	41.39 2.89 0.00	41.30 3.24 0.00	44.85 3.67 0.00	46.31 4.09 -0.01	52.70 4.70 0.00	61.02 5.09 0.00	67.93 4.86 0.00	70.92 4.82 0.00	67.40 4.41 0.00	56.02 3.62 0.00	49.98 3.36 0.00	41.15 2.80 0.00
BURROWS___LYONSDAL 23803	35.75 0.63 0.00	32.46 0.45 0.00	31.02 0.37 0.00	30.23 0.27 0.00	30.40 0.15 0.00	34.05 0.24 0.00	38.86 0.19 0.00	44.73 0.40 0.00	38.94 0.16 0.00	35.89 0.07 0.00	36.44 -0.11 0.00	38.02 -0.08 0.00	38.31 -0.19 0.00	37.88 -0.19 0.00	40.93 -0.25 0.00	42.00 -0.21 0.00	47.75 -0.24 0.00	56.09 0.17 0.00	63.83 0.76 0.00	67.02 0.93 0.00	63.68 0.69 0.00	52.98 0.58 0.00	47.18 0.56 0.00	38.51 0.15 0.00
CAITHNESS_CC_1 323624	37.97 2.84 -0.01	34.09 2.08 0.00	32.86 2.21 0.00	32.00 2.04 0.00	32.31 2.06 0.00	36.28 2.47 0.00	41.30 2.63 0.00	47.30 2.97 0.00	41.62 2.83 0.00	39.04 3.23 0.00	41.10 3.03 -1.52	41.22 3.12 0.00	41.54 3.04 0.00	41.58 3.50 -0.01	44.97 3.79 0.00	49.49 4.14 -3.14	52.70 4.71 0.00	60.67 4.75 0.00	66.79 3.72 0.00	69.72 3.63 0.00	66.01 3.02 0.00	54.92 2.52 0.00	50.21 3.59 0.00	41.76 3.41 0.00
CALPINE BETH_PAGE_GT4 24209	37.75 2.63 0.00	33.96 1.95 0.00	32.61 1.96 0.00	31.76 1.80 0.00	32.07 1.82 0.00	35.91 2.10 0.00	41.03 2.36 0.00	47.39 3.06 0.00	41.43 2.64 0.00	38.69 2.87 0.00	40.92 2.85 -1.52	41.18 3.09 0.00	41.43 2.93 0.00	41.61 3.54 0.00	45.09 3.91 0.00	49.40 4.05 -3.14	52.46 4.46 0.00	60.74 4.81 0.00	67.24 4.16 0.00	70.06 3.97 0.00	66.14 3.15 0.00	55.07 2.67 0.00	50.21 3.59 0.00	41.65 3.30 0.00
CALPINE_BETH_PAGE_GT_4 323586	37.76 2.63 -0.01	33.96 1.95 0.00	32.61 1.96 0.00	31.79 1.83 0.00	32.07 1.81 0.00	35.91 2.10 0.00	41.03 2.36 0.00	47.17 2.84 0.00	41.43 2.64 0.00	38.69 2.87 0.00	40.92 2.85 -1.52	41.14 3.05 0.00	41.66 3.16 0.00	41.70 3.62 -0.01	45.09 3.91 0.00	49.40 4.05 -3.14	52.40 4.41 0.00	60.63 4.70 -0.01	66.80 3.72 0.00	69.86 3.77 0.00	66.14 3.15 0.00	54.97 2.57 0.00	50.07 3.45 0.00	41.65 3.30 0.00
CALPINE_BP_GT1 23823	37.76 2.63 -0.01	33.96 1.95 0.00	32.61 1.96 0.00	31.79 1.83 0.00	32.07 1.81 0.00	35.91 2.10 0.00	41.03 2.36 0.00	47.17 2.84 0.00	41.43 2.64 0.00	38.69 2.87 0.00	40.92 2.85 -1.52	41.14 3.05 0.00	41.66 3.16 0.00	41.70 3.62 -0.01	45.09 3.91 0.00	49.40 4.05 -3.14	52.40 4.41 0.00	60.63 4.70 -0.01	66.80 3.72 0.00	69.86 3.77 0.00	66.14 3.15 0.00	54.97 2.57 0.00	50.07 3.45 0.00	41.65 3.30 0.00
CALSPAN___DRP 24200	30.57 -3.09 1.45	25.86 -2.91 3.24	25.65 -2.82 2.18	25.86 -2.67 1.43	25.65 -2.66 1.93	24.29 -2.77 6.75	22.99 -3.13 12.55	28.22 -3.24 12.87	29.14 -2.25 7.40	30.03 -2.15 3.64	29.17 -2.27 5.11	27.01 -2.48 8.61	26.56 -2.46 9.47	28.37 -2.66 7.03	27.25 -2.88 11.05	29.54 -3.08 9.58	30.97 -3.70 13.33	36.13 -3.91 15.88	45.76 -4.10 13.22	50.16 -4.30 11.64	50.22 -4.47 8.29	43.18 -4.19 5.03	39.71 -4.34 2.57	33.97 -3.91 0.47

CALVERTON___SOLAR 323806	38.18 3.05 -0.01	34.28 2.27 0.00	33.01 2.36 0.00	32.18 2.22 0.00	32.52 2.27 0.00	36.49 2.67 0.00	41.53 2.86 0.00	47.56 3.23 0.00	41.89 3.10 0.00	39.33 3.51 0.00	41.32 3.25 -1.52	41.41 3.31 0.00	41.73 3.23 0.00	41.73 3.65 -0.01	45.09 3.91 0.00	49.70 4.35 -3.14	52.94 4.94 0.00	60.96 5.04 0.00	67.11 4.04 0.00	69.99 3.90 0.00	66.26 3.27 0.00	55.12 2.72 0.00	50.44 3.82 0.00	42.00 3.65 0.00
CANDIGU_WT_PWR 323617	27.65 -1.26 6.20	16.87 -1.28 13.86	20.03 -1.29 9.33	22.66 -1.17 6.13	20.92 -1.06 8.28	3.87 -1.01 28.94	-16.19 -1.08 53.78	-12.00 -1.19 55.14	6.02 -1.09 31.68	19.04 -1.18 15.60	13.37 -1.28 21.90	-0.17 -1.37 36.89	-3.46 -1.38 40.58	5.64 -1.52 30.90	-6.00 -1.56 45.62	1.69 -1.69 38.83	-6.00 -1.73 52.27	-6.00 -1.57 60.36	8.00 -1.20 53.88	25.77 -0.93 39.40	34.34 -0.94 27.71	37.11 -1.15 14.14	39.36 -1.77 5.48	34.57 -1.76 2.02
CARR STREET_E_SYR 24060	34.59 -0.53 0.00	31.47 -0.54 0.00	30.10 -0.55 0.00	29.45 -0.51 0.00	29.77 -0.49 0.00	33.34 -0.47 0.00	38.13 -0.54 0.00	43.71 -0.62 0.00	38.33 -0.46 0.00	35.39 -0.43 0.00	36.08 -0.48 0.00	37.56 -0.53 0.00	37.88 -0.62 0.00	37.31 -0.76 0.00	40.08 -0.78 0.32	40.99 -0.84 0.38	46.30 -0.96 0.73	53.90 -0.90 1.13	60.75 -0.88 1.45	63.93 -0.79 1.37	60.81 -0.82 1.35	50.75 -0.73 0.92	45.07 -0.89 0.67	37.51 -0.84 0.00
CARTHAGE___PAPER 23857	35.89 0.77 0.00	32.59 0.58 0.00	31.11 0.46 0.00	30.35 0.39 0.00	30.52 0.27 0.00	34.22 0.41 0.00	39.02 0.35 0.00	44.99 0.67 0.00	39.06 0.27 0.00	35.93 0.11 0.00	36.33 -0.22 0.00	37.87 -0.23 0.00	38.04 -0.46 0.00	37.57 -0.50 0.00	40.52 -0.66 0.00	41.58 -0.63 0.00	47.27 -0.72 0.00	55.70 -0.22 0.00	63.71 0.63 0.00	67.02 0.92 0.00	63.80 0.82 0.00	53.08 0.68 0.00	47.32 0.70 0.00	38.58 0.23 0.00
CASSADAGA_WT_PWR 323784	30.65 -3.09 1.37	26.10 -2.85 3.06	25.86 -2.73 2.06	26.00 -2.61 1.35	25.64 -2.78 1.83	24.35 -3.08 6.39	23.36 -3.44 11.87	28.70 -3.46 12.17	29.39 -2.41 6.99	30.12 -2.26 3.44	29.34 -2.38 4.83	27.36 -2.59 8.14	26.85 -2.70 8.95	28.73 -2.70 6.64	27.85 -2.88 10.45	30.35 -2.79 9.07	32.49 -2.88 12.63	38.29 -2.57 15.06	47.92 -2.46 12.69	52.52 -2.51 11.06	52.09 -2.96 7.94	44.41 -3.20 4.80	40.00 -4.15 2.47	33.80 -4.10 0.45
CE_DUNWOOD___DRP 24194	36.77 1.65 0.00	33.39 1.38 0.00	32.06 1.41 0.00	31.28 1.32 0.00	31.55 1.30 0.00	35.10 1.29 0.00	40.33 1.66 0.00	46.41 2.08 0.00	40.73 1.94 0.00	37.68 1.86 0.00	38.56 2.01 0.00	40.31 2.21 0.00	40.77 2.27 0.00	40.70 2.63 0.00	44.15 2.96 0.00	45.46 3.25 0.00	51.83 3.84 0.00	60.07 4.14 0.00	66.99 3.91 0.00	69.93 3.83 0.00	66.45 3.46 0.00	55.23 2.83 0.00	49.32 2.70 0.00	40.61 2.26 0.00
CE_MILLWOOD___DRP 24193	36.73 1.62 0.00	33.32 1.31 0.00	32.03 1.38 0.00	31.22 1.26 0.00	31.49 1.24 0.00	35.07 1.25 0.00	40.26 1.59 0.00	46.32 1.99 0.00	40.65 1.86 0.00	37.61 1.79 0.00	38.45 1.90 0.00	40.23 2.13 0.00	40.69 2.19 0.00	40.58 2.51 0.00	44.02 2.84 0.00	45.33 3.12 0.00	51.64 3.65 0.00	59.90 3.97 0.00	66.80 3.72 0.00	69.73 3.64 0.00	66.33 3.34 0.00	55.13 2.72 0.00	49.23 2.61 0.00	40.54 2.19 0.00
CE_NYC2_DRP 24202	36.87 1.76 0.00	33.48 1.47 0.00	32.21 1.56 0.00	31.40 1.44 0.00	31.64 1.39 0.00	35.03 1.22 0.00	40.33 1.66 0.00	46.55 2.22 0.00	40.96 2.17 0.00	37.93 2.11 0.00	38.78 2.23 0.00	40.57 2.48 0.00	41.08 2.58 0.00	41.00 2.93 0.00	44.52 3.34 0.00	46.02 3.80 -0.01	52.31 4.32 0.00	60.40 4.47 0.00	67.11 4.04 0.00	70.06 3.97 0.00	66.58 3.59 0.00	55.44 3.04 0.00	49.51 2.89 0.00	40.81 2.45 0.00
CE_NYC_DRP 24195	36.91 1.79 0.00	33.48 1.47 0.00	32.21 1.56 0.00	31.40 1.44 0.00	31.67 1.42 0.00	35.17 1.35 0.00	40.49 1.82 0.00	46.68 2.35 0.00	41.04 2.25 0.00	37.97 2.15 0.00	38.82 2.27 0.00	40.61 2.51 0.00	41.12 2.62 0.00	41.04 2.97 0.00	44.52 3.34 0.00	45.97 3.76 -0.01	52.31 4.32 0.00	60.57 4.64 0.00	67.43 4.35 0.00	70.39 4.30 0.00	66.89 3.91 0.00	55.60 3.20 0.00	49.65 3.03 0.00	40.88 2.53 0.00
CHAFFEE___LFGE 323603	30.83 -2.91 1.38	26.19 -2.75 3.07	25.92 -2.67 2.07	26.08 -2.52 1.36	25.91 -2.51 1.83	24.81 -2.60 6.41	23.87 -2.90 11.90	29.20 -2.93 12.20	29.72 -2.06 7.01	30.43 -1.93 3.45	29.66 -2.05 4.85	27.68 -2.25 8.17	27.13 -2.39 8.98	28.92 -2.47 6.67	28.04 -2.64 10.50	30.26 -2.83 9.12	31.98 -3.31 12.70	37.31 -3.47 15.15	46.89 -3.59 12.59	51.19 -3.76 11.14	51.09 -3.97 7.93	43.95 -3.62 4.84	40.07 -4.06 2.49	34.18 -3.72 0.45
CHATEAUG_35_KV_LOAD 355732	34.45 -0.67 0.00	31.79 -0.22 0.00	30.44 -0.21 0.00	29.78 -0.18 0.00	30.07 -0.18 0.00	33.68 -0.14 0.00	38.55 -0.12 0.00	44.20 -0.13 0.00	38.67 -0.12 0.00	35.68 -0.14 0.00	36.41 -0.15 0.00	37.94 -0.15 0.00	38.35 -0.15 0.00	37.92 -0.15 0.00	41.02 -0.16 0.00	42.00 -0.21 0.00	47.85 -0.14 0.00	55.59 -0.34 0.00	63.01 -0.06 0.00	66.03 -0.07 0.00	62.93 -0.06 0.00	52.35 -0.05 0.00	46.62 0.00 0.00	38.28 -0.08 0.00
CHATEAUG_WT_PWR 323614	34.48 -0.63 0.00	31.79 -0.22 0.00	30.40 -0.25 0.00	29.75 -0.21 0.00	30.07 -0.18 0.00	33.68 -0.13 0.00	38.52 -0.15 0.00	44.20 -0.13 0.00	38.71 -0.08 0.00	35.75 -0.07 0.00	36.48 -0.07 0.00	38.02 -0.08 0.00	38.46 -0.04 0.00	37.95 -0.11 0.00	41.06 -0.12 0.00	42.08 -0.13 0.00	47.90 -0.10 0.00	55.59 -0.33 0.00	62.95 -0.13 0.00	65.90 -0.20 0.00	62.86 -0.13 0.00	52.24 -0.16 0.00	46.57 -0.05 0.00	38.24 -0.11 0.00
CHAT_HIGH_FALL_HYD 323578	34.45 -0.67 0.00	31.79 -0.22 0.00	30.44 -0.21 0.00	29.78 -0.18 0.00	30.07 -0.18 0.00	33.68 -0.14 0.00	38.55 -0.12 0.00	44.20 -0.13 0.00	38.67 -0.12 0.00	35.68 -0.14 0.00	36.41 -0.15 0.00	37.94 -0.15 0.00	38.35 -0.15 0.00	37.92 -0.15 0.00	41.02 -0.16 0.00	42.00 -0.21 0.00	47.85 -0.14 0.00	55.59 -0.34 0.00	63.01 -0.06 0.00	66.03 -0.07 0.00	62.93 -0.06 0.00	52.35 -0.05 0.00	46.62 0.00 0.00	38.28 -0.08 0.00
CHAUTAUQUA___LFGE 323629	30.67 -3.02 1.43	25.98 -2.85 3.19	25.78 -2.73 2.14	25.94 -2.61 1.41	25.69 -2.66 1.90	24.33 -2.84 6.65	23.15 -3.17 12.35	28.39 -3.28 12.66	29.22 -2.29 7.28	30.05 -2.19 3.58	29.26 -2.27 5.03	27.18 -2.44 8.47	26.64 -2.54 9.32	28.54 -2.63 6.91	27.58 -2.76 10.85	29.97 -2.83 9.41	31.79 -3.12 13.09	37.26 -3.08 15.59	46.73 -3.15 13.20	51.37 -3.30 11.42	51.18 -3.59 8.22	44.01 -3.46 4.93	39.90 -4.20 2.52	33.94 -3.95 0.47
CHERRYST_13_KV_LD 356241	37.01 1.90 0.00	33.58 1.57 0.00	32.27 1.62 0.00	31.46 1.50 0.00	31.73 1.48 0.00	35.24 1.42 0.00	40.60 1.93 0.00	46.81 2.48 0.00	41.19 2.40 0.00	38.11 2.29 0.00	38.97 2.41 0.00	40.76 2.67 0.00	41.27 2.77 0.00	41.19 3.12 0.00	44.68 3.50 0.00	46.19 3.97 -0.01	52.50 4.51 0.00	60.79 4.87 0.00	67.68 4.60 0.00	70.66 4.56 0.00	67.15 4.16 0.00	55.76 3.35 0.00	49.79 3.17 0.00	41.00 2.65 0.00

CHESTROR_138KV_BK263 355645	36.38 1.26 0.00	33.07 1.06 0.00	31.75 1.10 0.00	30.95 0.99 0.00	31.22 0.97 0.00	34.76 0.95 0.00	39.91 1.24 0.00	45.84 1.51 0.00	40.23 1.44 0.00	37.18 1.36 0.00	37.98 1.43 0.00	39.73 1.64 0.00	40.16 1.66 0.00	40.05 1.98 0.00	43.40 2.22 0.00	44.66 2.45 0.00	50.92 2.93 0.00	59.11 3.19 0.00	66.10 3.03 0.00	69.07 2.97 0.00	65.70 2.71 0.00	54.55 2.15 0.00	48.67 2.05 0.00	40.08 1.73 0.00
CH_MIDHUDSON___DRP 24192	36.84 1.72 0.00	33.42 1.41 0.00	32.12 1.47 0.00	31.31 1.35 0.00	31.55 1.30 0.00	35.17 1.35 0.00	40.33 1.66 0.00	46.37 2.04 0.00	40.61 1.82 0.00	37.54 1.72 0.00	38.38 1.83 0.00	40.12 2.02 0.00	40.54 2.04 0.00	40.51 2.44 0.00	43.94 2.76 0.00	45.16 2.95 0.00	51.50 3.50 0.00	59.79 3.86 0.00	66.92 3.85 0.00	69.93 3.83 0.00	66.58 3.59 0.00	55.23 2.83 0.00	49.32 2.70 0.00	40.58 2.22 0.00
CH_MISC_IPPS 23765	36.94 1.82 0.00	33.52 1.50 0.00	32.18 1.53 0.00	31.37 1.41 0.00	31.61 1.36 0.00	35.24 1.42 0.00	40.45 1.78 0.00	46.37 2.04 0.00	40.73 1.94 0.00	37.61 1.79 0.00	38.45 1.90 0.00	40.15 2.06 0.00	40.81 2.31 0.00	40.66 2.59 0.00	44.02 2.84 0.00	45.29 3.08 0.00	51.59 3.60 0.00	59.96 4.03 0.00	67.12 4.04 0.00	70.13 4.03 0.00	66.83 3.84 0.00	55.39 2.99 0.00	49.46 2.84 0.00	40.73 2.38 0.00
CH_RES_BVR_FALLS 23983	34.91 -0.21 0.00	31.85 -0.16 0.00	30.50 -0.15 0.00	29.81 -0.15 0.00	30.10 -0.15 0.00	33.65 -0.17 0.00	38.48 -0.19 0.00	44.15 -0.18 0.00	38.64 -0.15 0.00	35.68 -0.14 0.00	36.41 -0.15 0.00	37.94 -0.15 0.00	38.35 -0.15 0.00	37.92 -0.15 0.00	41.02 -0.16 0.00	42.04 -0.17 0.00	47.80 -0.19 0.00	55.70 -0.22 0.00	62.89 -0.19 0.00	65.90 -0.20 0.00	62.80 -0.19 0.00	52.24 -0.16 0.00	46.48 -0.14 0.00	38.20 -0.15 0.00
CH_RES_NIAGARA 23895	29.81 -4.18 1.13	25.59 -3.91 2.52	25.18 -3.77 1.70	25.28 -3.57 1.11	25.21 -3.54 1.50	24.77 -3.79 5.26	24.61 -4.29 9.77	29.79 -4.52 10.02	29.66 -3.37 5.76	29.83 -3.15 2.83	29.28 -3.29 3.98	27.77 -3.62 6.70	27.51 -3.62 7.37	28.69 -3.92 5.46	28.03 -4.32 8.83	29.72 -4.81 7.67	31.24 -5.95 10.80	35.99 -6.82 13.11	42.42 -7.44 13.22	48.35 -7.80 9.94	47.07 -7.75 8.17	41.52 -6.39 4.49	38.27 -5.92 2.43	32.19 -5.79 0.37
CH_RES_SYRACUSE 23985	34.80 -0.32 0.00	31.66 -0.35 0.00	30.28 -0.37 0.00	29.63 -0.33 0.00	29.98 -0.27 0.00	33.55 -0.27 0.00	38.36 -0.31 0.00	43.97 -0.36 0.00	38.52 -0.27 0.00	35.53 -0.29 0.00	36.22 -0.33 0.00	37.72 -0.38 0.00	38.04 -0.46 0.00	37.46 -0.61 0.00	40.56 -0.62 0.00	41.58 -0.63 0.00	47.27 -0.72 0.00	55.31 -0.61 0.00	62.57 -0.51 0.00	65.70 -0.39 0.00	62.61 -0.38 0.00	52.04 -0.36 0.00	46.01 -0.61 0.00	37.74 -0.62 0.00
CLINTON_WT_PWR 323605	34.48 -0.63 0.00	31.79 -0.22 0.00	30.40 -0.25 0.00	29.75 -0.21 0.00	30.07 -0.18 0.00	33.68 -0.13 0.00	38.52 -0.15 0.00	44.20 -0.13 0.00	38.71 -0.08 0.00	35.75 -0.07 0.00	36.48 -0.07 0.00	38.02 -0.08 0.00	38.46 -0.04 0.00	37.95 -0.11 0.00	41.06 -0.12 0.00	42.08 -0.13 0.00	47.90 -0.10 0.00	55.59 -0.33 0.00	62.95 -0.13 0.00	65.90 -0.20 0.00	62.86 -0.13 0.00	52.24 -0.16 0.00	46.57 -0.05 0.00	38.24 -0.11 0.00
CLINTON___LFGE 323618	34.87 -0.24 0.00	32.14 0.13 0.00	30.74 0.09 0.00	30.08 0.12 0.00	30.40 0.15 0.00	34.09 0.27 0.00	39.02 0.35 0.00	44.73 0.40 0.00	39.14 0.35 0.00	36.14 0.32 0.00	36.84 0.29 0.00	38.40 0.30 0.00	38.88 0.38 0.00	38.41 0.34 0.00	41.55 0.37 0.00	42.55 0.34 0.00	48.47 0.48 0.00	56.26 0.34 0.00	63.89 0.82 0.00	67.02 0.92 0.00	63.87 0.88 0.00	53.03 0.63 0.00	47.22 0.60 0.00	38.74 0.38 0.00
COBBLENY_34_KV_TB1 80064	30.82 -2.91 1.38	26.19 -2.75 3.07	25.92 -2.67 2.07	26.08 -2.52 1.36	25.91 -2.51 1.83	24.81 -2.60 6.41	23.87 -2.90 11.90	29.16 -2.97 12.20	29.72 -2.06 7.01	30.43 -1.93 3.45	29.66 -2.05 4.85	27.68 -2.25 8.17	27.29 -2.23 8.98	29.00 -2.40 6.67	28.04 -2.64 10.50	30.35 -2.74 9.12	31.98 -3.31 12.70	37.31 -3.47 15.15	46.89 -3.60 12.59	51.19 -3.77 11.14	51.02 -4.03 7.93	43.74 -3.83 4.84	40.07 -4.06 2.49	34.22 -3.68 0.45
COFFEEN___115KV_TB3 355620	36.24 1.12 0.00	32.91 0.90 0.00	31.45 0.80 0.00	30.71 0.75 0.00	30.89 0.64 0.00	34.66 0.85 0.00	39.48 0.81 0.00	45.61 1.29 0.00	39.53 0.74 0.00	36.32 0.50 0.00	36.66 0.11 0.00	38.21 0.11 0.00	38.35 -0.15 0.00	37.76 -0.30 0.00	40.73 -0.45 0.00	41.79 -0.42 0.00	47.46 -0.53 0.00	56.09 0.17 0.00	64.28 1.20 0.00	67.68 1.59 0.00	64.50 1.51 0.00	53.66 1.26 0.00	47.78 1.17 0.00	38.97 0.61 0.00
COLDSPRG_115KV_BK1 355956	31.58 -2.25 1.28	27.00 -2.14 2.86	26.67 -2.05 1.93	26.78 -1.92 1.27	26.54 -2.00 1.71	25.75 -2.10 5.98	25.33 -2.24 11.10	30.73 -2.22 11.38	30.85 -1.40 6.54	31.27 -1.33 3.22	30.64 -1.39 4.52	28.95 -1.52 7.62	28.58 -1.54 8.38	30.21 -1.64 6.22	29.68 -1.69 9.82	32.03 -1.65 8.54	34.27 -1.82 11.90	40.25 -1.45 14.22	49.79 -1.39 11.90	54.14 -1.45 10.50	53.59 -1.89 7.51	45.56 -2.25 4.58	41.31 -2.94 2.37	34.98 -2.95 0.42
COLONIE_LFGE___ 323577	36.62 1.51 0.00	33.36 1.34 0.00	31.94 1.29 0.00	31.22 1.26 0.00	31.49 1.24 0.00	35.20 1.39 0.00	40.18 1.51 0.00	46.01 1.68 0.00	39.99 1.20 0.00	36.93 1.11 0.00	37.72 1.17 0.00	39.28 1.18 0.00	39.77 1.27 0.00	39.48 1.41 0.00	42.62 1.44 0.00	43.73 1.52 0.00	49.67 1.68 0.00	58.05 2.12 0.00	65.47 2.40 0.00	68.74 2.65 0.00	65.57 2.58 0.00	54.60 2.20 0.00	48.72 2.10 0.00	40.08 1.73 0.00
COOPERNY_115KV_TB1 80082	35.99 0.88 0.00	32.75 0.74 0.00	31.42 0.77 0.00	30.65 0.69 0.00	30.92 0.67 0.00	34.49 0.68 0.00	39.52 0.85 0.00	45.39 1.06 0.00	39.80 1.01 0.00	36.79 0.97 0.00	37.58 1.02 0.00	39.28 1.18 0.00	39.69 1.19 0.00	39.48 1.41 0.00	42.74 1.56 0.00	43.94 1.73 0.00	50.06 2.06 0.00	58.22 2.29 0.00	65.22 2.14 0.00	68.14 2.05 0.00	64.88 1.89 0.00	53.92 1.52 0.00	48.06 1.45 0.00	39.54 1.19 0.00
COPENHAGEN_WT_PWR 323753	35.96 0.84 0.00	32.65 0.64 0.00	31.20 0.55 0.00	30.47 0.51 0.00	30.64 0.39 0.00	34.39 0.57 0.00	39.21 0.54 0.00	45.21 0.89 0.00	39.26 0.47 0.00	36.10 0.29 0.00	36.48 -0.07 0.00	38.02 -0.08 0.00	38.15 -0.35 0.00	37.61 -0.46 0.00	40.56 -0.62 0.00	41.62 -0.59 0.00	47.32 -0.67 0.00	55.76 -0.17 0.00	63.84 0.76 0.00	67.15 1.05 0.00	63.93 0.95 0.00	53.24 0.84 0.00	47.41 0.79 0.00	38.66 0.31 0.00
CORNELL_____ 23752	36.10 0.39 -0.60	33.64 0.29 -1.34	31.77 0.21 -0.90	30.82 0.27 -0.59	31.35 0.30 -0.80	37.05 0.44 -2.79	44.37 0.50 -5.19	50.19 0.53 -5.32	42.28 0.43 -3.06	37.61 0.29 -1.51	38.81 0.15 -2.12	41.77 0.11 -3.56	42.53 0.12 -3.92	41.04 -0.04 -3.01	45.43 0.00 -4.24	45.83 0.08 -3.54	52.76 0.14 -4.62	61.71 0.62 -5.16	68.71 1.20 -4.44	70.57 1.52 -2.96	66.31 1.45 -1.88	54.13 0.94 -0.79	47.28 0.56 -0.10	38.78 0.23 -0.19

CORONA__69_KV_TB1 355595	37.50 2.39 0.00	33.80 1.79 0.00	32.49 1.84 0.00	31.64 1.68 0.00	31.94 1.69 0.00	35.71 1.89 0.00	40.84 2.17 0.00	47.17 2.84 0.00	41.23 2.44 0.00	38.43 2.61 0.00	40.74 2.67 -1.52	41.03 2.93 0.00	41.35 2.85 0.00	41.46 3.39 0.00	44.93 3.75 0.00	49.44 4.09 -3.14	52.70 4.70 0.00	61.29 5.31 -0.05	67.91 4.79 -0.04	70.82 4.69 -0.04	66.89 3.91 0.00	55.65 3.25 0.00	50.21 3.59 0.00	41.42 3.07 0.00
CORTLAND__115KV_TB3 80093	35.50 0.18 -0.21	32.55 0.06 -0.48	31.00 0.03 -0.32	30.26 0.09 -0.21	30.66 0.12 -0.29	35.02 0.20 -1.00	40.76 0.23 -1.85	46.50 0.27 -1.90	40.11 0.23 -1.09	36.50 0.14 -0.54	37.38 0.07 -0.75	39.41 0.04 -1.27	39.94 0.04 -1.40	39.07 -0.08 -1.08	42.51 -0.08 -1.42	43.31 -0.04 -1.14	49.36 -0.05 -1.42	57.69 0.28 -1.48	64.77 0.57 -1.13	67.50 0.79 -0.61	63.92 0.69 -0.24	52.81 0.42 0.02	46.63 0.19 0.18	38.42 0.00 -0.07
COXSACKIE__GT 23611	37.15 2.04 0.00	33.80 1.79 0.00	32.37 1.72 0.00	31.61 1.65 0.00	31.82 1.57 0.00	35.54 1.72 0.00	40.53 1.86 0.00	46.19 1.86 0.00	39.95 1.16 0.00	36.72 0.90 0.00	37.47 0.91 0.00	38.93 0.84 0.00	39.50 1.00 0.00	39.25 1.18 0.00	42.54 1.36 0.00	43.65 1.44 0.00	49.67 1.68 0.00	58.38 2.46 0.00	66.35 3.28 0.00	70.06 3.97 0.00	66.58 3.59 0.00	55.07 2.67 0.00	49.04 2.42 0.00	40.77 2.42 0.00
CPV_VALLEY__CC1 323721	36.17 1.05 0.00	32.84 0.83 0.00	31.54 0.89 0.00	30.77 0.81 0.00	31.04 0.79 0.00	34.56 0.74 0.00	39.67 1.00 0.00	45.53 1.20 0.00	39.99 1.20 0.00	36.97 1.15 0.00	37.76 1.20 0.00	39.43 1.33 0.00	40.04 1.54 0.00	39.82 1.75 0.00	43.08 1.90 0.00	44.32 2.11 0.00	50.44 2.45 0.00	58.56 2.63 0.00	65.47 2.40 0.00	68.41 2.31 0.00	65.19 2.20 0.00	54.13 1.73 0.00	48.29 1.68 0.00	39.81 1.46 0.00
CPV_VALLEY__CC2 323722	36.17 1.05 0.00	32.84 0.83 0.00	31.54 0.89 0.00	30.77 0.81 0.00	31.04 0.79 0.00	34.56 0.74 0.00	39.67 1.00 0.00	45.53 1.20 0.00	39.99 1.20 0.00	36.97 1.15 0.00	37.76 1.20 0.00	39.43 1.33 0.00	40.04 1.54 0.00	39.82 1.75 0.00	43.08 1.90 0.00	44.32 2.11 0.00	50.44 2.45 0.00	58.56 2.63 0.00	65.47 2.40 0.00	68.41 2.31 0.00	65.19 2.20 0.00	54.13 1.73 0.00	48.29 1.68 0.00	39.81 1.46 0.00
CRESCENT__HYD 24018	36.62 1.51 0.00	33.36 1.34 0.00	31.94 1.29 0.00	31.22 1.26 0.00	31.49 1.24 0.00	35.20 1.39 0.00	40.18 1.51 0.00	46.01 1.68 0.00	39.99 1.20 0.00	36.93 1.11 0.00	37.72 1.17 0.00	39.28 1.18 0.00	39.77 1.27 0.00	39.48 1.41 0.00	42.62 1.44 0.00	43.73 1.52 0.00	49.67 1.68 0.00	58.05 2.12 0.00	65.47 2.40 0.00	68.74 2.65 0.00	65.57 2.58 0.00	54.60 2.20 0.00	48.72 2.10 0.00	40.08 1.73 0.00
CRICKET__VALLEY_CC1 323756	36.42 1.30 0.00	33.10 1.09 0.00	31.81 1.16 0.00	31.04 1.08 0.00	31.31 1.06 0.00	34.80 0.98 0.00	39.94 1.27 0.00	45.84 1.51 0.00	40.18 1.39 0.00	37.18 1.36 0.00	38.02 1.46 0.00	39.73 1.64 0.00	40.35 1.85 0.00	40.16 2.09 0.00	43.44 2.26 0.00	44.70 2.49 0.00	50.82 2.83 0.00	58.94 3.02 0.00	65.85 2.77 0.00	68.74 2.65 0.00	65.51 2.52 0.00	54.44 2.04 0.00	48.67 2.05 0.00	40.12 1.77 0.00
CRICKET__VALLEY_CC2 323757	36.42 1.30 0.00	33.10 1.09 0.00	31.81 1.16 0.00	31.04 1.08 0.00	31.31 1.06 0.00	34.80 0.98 0.00	39.94 1.27 0.00	45.84 1.51 0.00	40.18 1.39 0.00	37.18 1.36 0.00	38.02 1.46 0.00	39.73 1.64 0.00	40.35 1.85 0.00	40.16 2.09 0.00	43.44 2.26 0.00	44.70 2.49 0.00	50.82 2.83 0.00	58.94 3.02 0.00	65.85 2.77 0.00	68.74 2.65 0.00	65.51 2.52 0.00	54.44 2.04 0.00	48.67 2.05 0.00	40.12 1.77 0.00
CRICKET__VALLEY_CC3 323758	36.42 1.30 0.00	33.10 1.09 0.00	31.81 1.16 0.00	31.04 1.08 0.00	31.31 1.06 0.00	34.80 0.98 0.00	39.94 1.27 0.00	45.84 1.51 0.00	40.18 1.39 0.00	37.18 1.36 0.00	38.02 1.46 0.00	39.73 1.64 0.00	40.35 1.85 0.00	40.16 2.09 0.00	43.44 2.26 0.00	44.70 2.49 0.00	50.82 2.83 0.00	58.94 3.02 0.00	65.85 2.77 0.00	68.74 2.65 0.00	65.51 2.52 0.00	54.44 2.04 0.00	48.67 2.05 0.00	40.12 1.77 0.00
CRUCIBLE__METL_DRP 24180	34.80 -0.32 0.00	31.66 -0.35 0.00	30.28 -0.37 0.00	29.63 -0.33 0.00	29.98 -0.27 0.00	33.55 -0.27 0.00	38.36 -0.31 0.00	43.93 -0.40 0.00	38.52 -0.27 0.00	35.53 -0.29 0.00	36.22 -0.33 0.00	37.72 -0.38 0.00	38.15 -0.35 0.00	37.50 -0.57 0.00	40.56 -0.62 0.00	41.58 -0.63 0.00	47.27 -0.72 0.00	55.31 -0.62 0.00	62.57 -0.50 0.00	65.70 -0.40 0.00	62.61 -0.38 0.00	51.98 -0.42 0.00	46.01 -0.61 0.00	37.74 -0.61 0.00
DAHOWA__HYDRO 323763	37.40 2.28 0.00	34.09 2.08 0.00	32.61 1.96 0.00	31.85 1.89 0.00	32.19 1.94 0.00	35.98 2.17 0.00	41.03 2.36 0.00	46.94 2.61 0.00	40.61 1.82 0.00	37.47 1.65 0.00	38.24 1.68 0.00	39.66 1.56 0.00	40.08 1.58 0.00	39.74 1.67 0.00	42.87 1.69 0.00	44.15 1.94 0.00	50.30 2.30 0.00	59.17 3.24 0.00	67.05 3.98 0.00	70.92 4.82 0.00	67.77 4.78 0.00	56.38 3.98 0.00	50.12 3.50 0.00	41.19 2.84 0.00
DANC__LFGE 323619	35.36 0.25 0.00	32.14 0.13 0.00	30.71 0.06 0.00	30.02 0.06 0.00	30.25 0.00 0.00	33.92 0.10 0.00	38.71 0.04 0.00	44.55 0.22 0.00	38.79 0.00 0.00	35.71 -0.11 0.00	36.19 -0.37 0.00	37.72 -0.38 0.00	37.88 -0.62 0.00	37.34 -0.72 0.00	40.51 -0.82 -0.16	41.55 -0.84 -0.18	47.34 -1.01 -0.36	55.75 -0.73 -0.55	63.66 -0.13 -0.70	66.83 0.07 -0.67	63.71 0.06 -0.66	52.85 0.00 -0.45	46.99 0.05 -0.32	38.12 -0.23 0.00
DANSKAMMER__1 23586	36.94 1.82 0.00	33.52 1.50 0.00	32.18 1.53 0.00	31.37 1.41 0.00	31.61 1.36 0.00	35.24 1.42 0.00	40.45 1.78 0.00	46.37 2.04 0.00	40.73 1.94 0.00	37.61 1.79 0.00	38.45 1.90 0.00	40.15 2.06 0.00	40.81 2.31 0.00	40.66 2.59 0.00	44.02 2.84 0.00	45.29 3.08 0.00	51.59 3.60 0.00	59.96 4.03 0.00	67.12 4.04 0.00	70.13 4.03 0.00	66.83 3.84 0.00	55.39 2.99 0.00	49.46 2.84 0.00	40.73 2.38 0.00
DANSKAMMER__2 23589	36.94 1.82 0.00	33.52 1.50 0.00	32.18 1.53 0.00	31.37 1.41 0.00	31.61 1.36 0.00	35.24 1.42 0.00	40.45 1.78 0.00	46.37 2.04 0.00	40.73 1.94 0.00	37.61 1.79 0.00	38.45 1.90 0.00	40.15 2.06 0.00	40.81 2.31 0.00	40.66 2.59 0.00	44.02 2.84 0.00	45.29 3.08 0.00	51.59 3.60 0.00	59.96 4.03 0.00	67.12 4.04 0.00	70.13 4.03 0.00	66.83 3.84 0.00	55.39 2.99 0.00	49.46 2.84 0.00	40.73 2.38 0.00
DANSKAMMER__3 23590	36.94 1.82 0.00	33.52 1.50 0.00	32.18 1.53 0.00	31.37 1.41 0.00	31.61 1.36 0.00	35.24 1.42 0.00	40.45 1.78 0.00	46.37 2.04 0.00	40.73 1.94 0.00	37.61 1.79 0.00	38.45 1.90 0.00	40.15 2.06 0.00	40.81 2.31 0.00	40.66 2.59 0.00	44.02 2.84 0.00	45.29 3.08 0.00	51.59 3.60 0.00	59.96 4.03 0.00	67.12 4.04 0.00	70.13 4.03 0.00	66.83 3.84 0.00	55.39 2.99 0.00	49.46 2.84 0.00	40.73 2.38 0.00

DANSKAMMER___4 23591	36.94 1.82 0.00	33.52 1.50 0.00	32.18 1.53 0.00	31.37 1.41 0.00	31.61 1.36 0.00	35.24 1.42 0.00	40.45 1.78 0.00	46.37 2.04 0.00	40.73 1.94 0.00	37.61 1.79 0.00	38.45 1.90 0.00	40.15 2.06 0.00	40.81 2.31 0.00	40.66 2.59 0.00	44.02 2.84 0.00	45.29 3.08 0.00	51.59 3.60 0.00	59.96 4.03 0.00	67.12 4.04 0.00	70.13 4.03 0.00	66.83 3.84 0.00	55.39 2.99 0.00	49.46 2.84 0.00	40.73 2.38 0.00
DANSKAMMER___DIESEL 23592	36.94 1.83 0.00	33.52 1.50 0.00	32.18 1.53 0.00	31.37 1.41 0.00	31.61 1.36 0.00	35.24 1.42 0.00	40.45 1.78 0.00	46.46 2.13 0.00	40.73 1.94 0.00	37.61 1.79 0.00	38.45 1.90 0.00	40.19 2.10 0.00	40.62 2.12 0.00	40.58 2.51 0.00	44.02 2.84 0.00	45.29 3.08 0.00	51.64 3.65 0.00	60.07 4.14 0.00	67.24 4.16 0.00	70.26 4.16 0.00	66.89 3.91 0.00	55.44 3.04 0.00	49.46 2.84 0.00	40.69 2.34 0.00
DARBY___SOLAR 323810	37.19 2.07 0.00	33.90 1.89 0.00	32.46 1.81 0.00	31.70 1.74 0.00	32.00 1.75 0.00	35.78 1.96 0.00	40.80 2.13 0.00	46.72 2.39 0.00	40.46 1.67 0.00	37.29 1.47 0.00	38.09 1.53 0.00	39.51 1.41 0.00	39.96 1.46 0.00	39.59 1.52 0.00	42.74 1.56 0.00	43.98 1.77 0.00	50.10 2.11 0.00	58.89 2.96 0.00	66.67 3.59 0.00	70.39 4.29 0.00	67.21 4.22 0.00	55.97 3.57 0.00	49.79 3.17 0.00	40.92 2.57 0.00
DASHVILLE___HYD 23610	37.33 2.21 0.00	33.84 1.82 0.00	32.49 1.84 0.00	31.67 1.71 0.00	31.88 1.63 0.00	35.51 1.69 0.00	40.76 2.09 0.00	46.72 2.39 0.00	40.88 2.09 0.00	37.72 1.90 0.00	38.56 2.01 0.00	40.31 2.21 0.00	40.69 2.19 0.00	40.77 2.70 0.00	44.31 3.13 0.00	45.63 3.42 0.00	52.07 4.08 0.00	60.62 4.70 0.00	68.00 4.92 0.00	71.12 5.02 0.00	67.71 4.72 0.00	56.02 3.62 0.00	50.02 3.40 0.00	41.11 2.76 0.00
DELAWARE___LFGE 323621	37.86 2.53 -0.22	34.71 2.21 -0.49	33.03 2.05 -0.33	32.27 2.10 -0.22	32.60 2.06 -0.29	37.31 2.47 -1.02	43.04 2.47 -1.90	49.60 3.32 -1.95	42.43 2.52 -1.12	38.59 2.22 -0.55	39.15 1.83 -0.77	41.42 2.02 -1.30	41.70 1.77 -1.43	40.78 1.60 -1.11	44.31 1.65 -1.49	45.15 1.73 -1.21	51.43 1.92 -1.52	60.96 3.41 -1.62	69.11 4.73 -1.30	71.93 5.09 -0.74	68.01 4.66 -0.36	56.23 3.77 -0.06	49.66 3.17 0.13	40.76 2.34 -0.07
DERFIELD_115KV_TB7 355931	35.26 0.14 0.00	32.14 0.13 0.00	30.77 0.12 0.00	30.08 0.12 0.00	30.34 0.09 0.00	33.92 0.10 0.00	38.79 0.12 0.00	44.46 0.13 0.00	38.87 0.08 0.00	35.89 0.07 0.00	36.63 0.07 0.00	38.17 0.08 0.00	38.58 0.08 0.00	38.18 0.11 0.00	41.26 0.08 0.00	42.29 0.08 0.00	48.09 0.10 0.00	56.09 0.17 0.00	63.20 0.13 0.00	66.23 0.13 0.00	63.11 0.13 0.00	52.51 0.10 0.00	46.76 0.14 0.00	38.47 0.12 0.00
DOGLEVILLE___HYD 23807	35.50 0.39 0.00	32.30 0.29 0.00	30.90 0.25 0.00	30.14 0.18 0.00	30.40 0.15 0.00	34.02 0.20 0.00	38.90 0.23 0.00	44.64 0.31 0.00	39.02 0.23 0.00	36.07 0.25 0.00	36.77 0.22 0.00	38.36 0.27 0.00	38.69 0.19 0.00	38.30 0.23 0.00	41.39 0.21 0.00	42.46 0.25 0.00	48.28 0.29 0.00	56.26 0.34 0.00	63.52 0.44 0.00	66.56 0.46 0.00	63.37 0.38 0.00	52.66 0.26 0.00	46.94 0.33 0.00	38.51 0.15 0.00
DUNKIRK___115KV_TB_200 55889	30.66 -3.02 1.43	26.00 -2.82 3.20	25.77 -2.73 2.15	25.97 -2.58 1.42	25.71 -2.63 1.91	24.34 -2.81 6.67	23.14 -3.13 12.40	28.34 -3.28 12.71	29.20 -2.29 7.30	30.07 -2.15 3.60	29.27 -2.23 5.05	27.15 -2.44 8.51	26.72 -2.43 9.35	28.59 -2.55 6.93	27.58 -2.72 10.88	29.98 -2.79 9.45	31.69 -3.17 13.13	37.15 -3.13 15.64	46.55 -3.28 13.25	51.27 -3.37 11.46	51.09 -3.65 8.25	43.79 -3.67 4.95	39.94 -4.15 2.53	34.01 -3.87 0.47
DUNKIRK___1 23563	30.66 -3.02 1.43	26.00 -2.82 3.20	25.77 -2.73 2.15	25.97 -2.58 1.42	25.71 -2.63 1.91	24.34 -2.81 6.67	23.14 -3.13 12.40	28.34 -3.28 12.71	29.20 -2.29 7.30	30.07 -2.15 3.60	29.27 -2.23 5.05	27.15 -2.44 8.51	26.72 -2.43 9.35	28.59 -2.55 6.93	27.58 -2.72 10.88	29.98 -2.79 9.45	31.69 -3.17 13.13	37.15 -3.13 15.64	46.55 -3.28 13.25	51.27 -3.37 11.46	51.09 -3.65 8.25	43.79 -3.67 4.95	39.94 -4.15 2.53	34.01 -3.87 0.47
DUNKIRK___2 23564	30.66 -3.02 1.43	26.00 -2.82 3.20	25.77 -2.73 2.15	25.97 -2.58 1.42	25.71 -2.63 1.91	24.34 -2.81 6.67	23.14 -3.13 12.40	28.34 -3.28 12.71	29.20 -2.29 7.30	30.07 -2.15 3.60	29.27 -2.23 5.05	27.15 -2.44 8.51	26.72 -2.43 9.35	28.59 -2.55 6.93	27.58 -2.72 10.88	29.98 -2.79 9.45	31.69 -3.17 13.13	37.15 -3.13 15.64	46.55 -3.28 13.25	51.27 -3.37 11.46	51.09 -3.65 8.25	43.79 -3.67 4.95	39.94 -4.15 2.53	34.01 -3.87 0.47
DUNKIRK___3 23565	30.64 -3.02 1.46	25.93 -2.82 3.26	25.73 -2.73 2.19	25.94 -2.58 1.44	25.70 -2.60 1.95	24.28 -2.74 6.80	22.94 -3.09 12.64	28.18 -3.19 12.96	29.09 -2.25 7.45	30.04 -2.11 3.67	29.17 -2.23 5.15	27.02 -2.40 8.67	26.58 -2.39 9.54	28.46 -2.55 7.06	27.39 -2.72 11.07	29.77 -2.83 9.61	31.33 -3.31 13.35	36.68 -3.36 15.89	46.00 -3.53 13.55	50.78 -3.70 11.62	50.69 -3.91 8.39	43.57 -3.83 5.01	39.87 -4.20 2.55	34.00 -3.87 0.48
DUNKIRK___4 23566	30.64 -3.02 1.46	25.93 -2.82 3.26	25.73 -2.73 2.19	25.94 -2.58 1.44	25.70 -2.60 1.95	24.28 -2.74 6.80	22.94 -3.09 12.64	28.18 -3.19 12.96	29.09 -2.25 7.45	30.04 -2.11 3.67	29.17 -2.23 5.15	27.02 -2.40 8.67	26.58 -2.39 9.54	28.46 -2.55 7.06	27.39 -2.72 11.07	29.77 -2.83 9.61	31.33 -3.31 13.35	36.68 -3.36 15.89	46.00 -3.53 13.55	50.78 -3.70 11.62	50.69 -3.91 8.39	43.57 -3.83 5.01	39.87 -4.20 2.55	34.00 -3.87 0.48
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	36.84 1.72 0.00	33.45 1.44 0.00	32.12 1.47 0.00	31.34 1.38 0.00	31.58 1.33 0.00	35.17 1.35 0.00	40.41 1.74 0.00	46.55 2.22 0.00	40.85 2.06 0.00	37.79 1.97 0.00	38.64 2.08 0.00	40.42 2.32 0.00	40.89 2.39 0.00	40.81 2.74 0.00	44.27 3.09 0.00	45.63 3.42 0.00	51.98 3.98 0.00	60.23 4.31 0.00	67.18 4.10 0.00	70.13 4.03 0.00	66.64 3.65 0.00	55.34 2.93 0.00	49.46 2.84 0.00	40.69 2.34 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	36.62 1.51 0.00	33.23 1.22 0.00	31.94 1.29 0.00	31.13 1.17 0.00	31.37 1.12 0.00	34.97 1.15 0.00	40.14 1.47 0.00	46.10 1.77 0.00	40.42 1.63 0.00	37.36 1.54 0.00	38.20 1.64 0.00	39.92 1.83 0.00	40.35 1.85 0.00	40.28 2.21 0.00	43.69 2.51 0.00	45.00 2.79 0.00	51.30 3.31 0.00	59.56 3.64 0.00	66.61 3.53 0.00	69.60 3.50 0.00	66.26 3.28 0.00	54.97 2.57 0.00	49.04 2.42 0.00	40.35 1.99 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	36.77 1.65 0.00	33.45 1.44 0.00	32.21 1.56 0.00	31.40 1.44 0.00	31.64 1.39 0.00	34.90 1.08 0.00	40.18 1.51 0.00	46.32 1.99 0.00	40.77 1.98 0.00	37.79 1.97 0.00	38.64 2.08 0.00	40.38 2.29 0.00	40.89 2.39 0.00	40.85 2.78 0.00	44.35 3.17 0.00	45.85 3.63 -0.01	52.12 4.13 0.00	60.18 4.25 0.00	66.86 3.78 0.00	69.73 3.64 0.00	66.26 3.28 0.00	55.23 2.83 0.00	49.32 2.70 0.00	40.73 2.38 0.00

E179THST_13_KV_LOAD 356214	36.94 1.83 0.00	33.58 1.57 0.00	32.34 1.69 0.00	31.52 1.56 0.00	31.76 1.51 0.00	35.03 1.22 0.00	40.33 1.66 0.00	46.55 2.22 0.00	41.00 2.21 0.00	37.97 2.15 0.00	38.82 2.27 0.00	40.61 2.51 0.00	41.08 2.58 0.00	41.04 2.97 0.00	44.56 3.38 0.00	46.10 3.88 -0.01	52.36 4.37 0.00	60.51 4.59 0.00	67.24 4.16 0.00	70.13 4.03 0.00	66.64 3.65 0.00	55.49 3.09 0.00	49.56 2.94 0.00	40.92 2.57 0.00
EAST HAMPTON___GT 23717	38.25 3.12 -0.01	34.54 2.53 0.00	33.44 2.79 0.00	32.69 2.73 0.00	33.13 2.88 0.00	37.27 3.45 0.00	42.42 3.75 0.00	48.72 4.39 0.00	43.02 4.23 0.00	40.47 4.65 0.00	42.60 4.53 -1.52	42.67 4.57 0.00	42.96 4.46 0.00	42.83 4.76 -0.01	46.20 5.02 0.00	50.83 5.48 -3.14	54.42 6.43 0.00	62.97 7.05 0.00	69.38 6.31 0.00	72.24 6.15 0.00	68.09 5.10 0.00	56.49 4.09 0.00	51.56 4.94 0.00	42.88 4.52 0.00
EAST RIVER___6 23660	36.97 1.86 0.00	33.55 1.54 0.00	32.24 1.59 0.00	31.46 1.50 0.00	31.70 1.45 0.00	35.20 1.39 0.00	40.53 1.86 0.00	46.59 2.26 0.00	41.08 2.29 0.00	38.00 2.19 0.00	38.89 2.34 0.00	40.65 2.55 0.00	41.39 2.89 0.00	41.19 3.12 0.00	44.60 3.42 0.00	46.10 3.88 -0.01	52.31 4.32 0.00	60.57 4.64 0.00	67.49 4.41 0.00	70.52 4.43 0.00	67.08 4.09 0.00	55.76 3.36 0.00	49.74 3.12 0.00	41.04 2.68 0.00
EAST RIVER___7 23524	36.97 1.86 0.00	33.55 1.54 0.00	32.24 1.59 0.00	31.46 1.50 0.00	31.70 1.45 0.00	35.20 1.39 0.00	40.53 1.86 0.00	46.59 2.26 0.00	41.08 2.29 0.00	38.00 2.19 0.00	38.89 2.34 0.00	40.65 2.55 0.00	41.39 2.89 0.00	41.19 3.12 0.00	44.60 3.42 0.00	46.10 3.88 -0.01	52.31 4.32 0.00	60.57 4.64 0.00	67.49 4.41 0.00	70.52 4.43 0.00	67.08 4.09 0.00	55.76 3.36 0.00	49.74 3.12 0.00	41.04 2.68 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	36.77 1.65 0.00	33.39 1.38 0.00	32.06 1.41 0.00	31.28 1.32 0.00	31.55 1.30 0.00	35.10 1.29 0.00	40.33 1.66 0.00	46.41 2.08 0.00	40.73 1.94 0.00	37.68 1.86 0.00	38.56 2.01 0.00	40.31 2.21 0.00	40.77 2.27 0.00	40.70 2.63 0.00	44.15 2.96 0.00	45.46 3.25 0.00	51.83 3.84 0.00	60.07 4.14 0.00	66.99 3.91 0.00	69.93 3.83 0.00	66.45 3.46 0.00	55.23 2.83 0.00	49.32 2.70 0.00	40.61 2.26 0.00
EAST_HAMPTON___DIESEL 23722	38.21 3.09 -0.01	34.51 2.50 0.00	33.41 2.76 0.00	32.69 2.73 0.00	33.13 2.88 0.00	37.27 3.45 0.00	42.42 3.75 0.00	48.72 4.39 0.00	43.02 4.23 0.00	40.47 4.65 0.00	42.60 4.53 -1.52	42.67 4.57 0.00	42.96 4.46 0.00	42.83 4.76 -0.01	46.16 4.98 0.00	50.83 5.48 -3.14	54.42 6.43 0.00	62.97 7.05 0.00	69.38 6.31 0.00	72.24 6.15 0.00	68.03 5.04 0.00	56.49 4.09 0.00	51.51 4.89 0.00	42.88 4.52 0.00
EAST_POINT___SOLAR 323840	37.64 2.53 0.00	34.25 2.24 0.00	32.76 2.11 0.00	32.03 2.07 0.00	32.37 2.12 0.00	36.32 2.50 0.00	40.95 2.28 0.00	46.63 2.30 0.00	39.87 1.08 0.00	36.57 0.75 0.00	37.10 0.55 0.00	38.67 0.57 0.00	39.08 0.58 0.00	38.45 0.38 0.00	41.30 0.12 0.00	42.72 0.51 0.00	48.90 0.91 0.00	58.22 2.29 0.00	67.43 4.35 0.00	71.98 5.88 0.00	68.78 5.79 0.00	57.06 4.66 0.00	50.54 3.92 0.00	41.42 3.07 0.00
EAST_PULASKI___ESR 323781	34.83 -0.28 0.00	31.69 -0.32 0.00	30.28 -0.37 0.00	29.63 -0.33 0.00	29.92 -0.33 0.00	33.51 -0.30 0.00	38.28 -0.39 0.00	43.93 -0.40 0.00	38.40 -0.39 0.00	35.39 -0.43 0.00	36.01 -0.55 0.00	37.48 -0.61 0.00	37.73 -0.77 0.00	37.15 -0.91 0.00	40.60 -0.99 -0.41	41.68 -1.01 -0.48	47.73 -1.20 -0.93	56.25 -1.12 -1.44	64.04 -0.88 -1.85	67.12 -0.73 -1.75	64.03 -0.69 -1.73	52.95 -0.63 -1.17	46.86 -0.61 -0.85	37.70 -0.65 0.00
EAST_RIVER___1 323558	36.90 1.79 0.00	33.48 1.47 0.00	32.21 1.56 0.00	31.40 1.44 0.00	31.67 1.42 0.00	35.17 1.35 0.00	40.49 1.82 0.00	46.59 2.26 0.00	41.04 2.25 0.00	37.97 2.15 0.00	38.82 2.27 0.00	40.61 2.51 0.00	41.31 2.81 0.00	41.12 3.05 0.00	44.51 3.33 0.00	45.97 3.76 -0.01	52.22 4.22 0.00	60.45 4.53 0.00	67.30 4.23 0.00	70.26 4.17 0.00	66.89 3.91 0.00	55.55 3.14 0.00	49.60 2.99 0.00	40.92 2.57 0.00
EAST_RIVER___2 323559	36.97 1.86 0.00	33.55 1.54 0.00	32.24 1.59 0.00	31.46 1.50 0.00	31.70 1.45 0.00	35.20 1.39 0.00	40.53 1.86 0.00	46.59 2.26 0.00	41.08 2.29 0.00	38.00 2.19 0.00	38.89 2.34 0.00	40.65 2.55 0.00	41.39 2.89 0.00	41.19 3.12 0.00	44.60 3.42 0.00	46.10 3.88 -0.01	52.31 4.32 0.00	60.57 4.64 0.00	67.49 4.41 0.00	70.52 4.43 0.00	67.08 4.09 0.00	55.76 3.36 0.00	49.74 3.12 0.00	41.04 2.68 0.00
EAST___DELAWARE_HYD 23607	36.56 1.44 0.00	33.16 1.15 0.00	31.81 1.16 0.00	31.04 1.08 0.00	31.25 1.00 0.00	34.87 1.05 0.00	39.99 1.32 0.00	45.88 1.55 0.00	40.26 1.47 0.00	37.18 1.36 0.00	37.98 1.42 0.00	39.62 1.53 0.00	40.27 1.77 0.00	40.08 2.02 0.00	43.44 2.26 0.00	44.70 2.49 0.00	50.92 2.93 0.00	59.34 3.41 0.00	66.54 3.47 0.00	69.53 3.43 0.00	66.32 3.34 0.00	54.92 2.52 0.00	48.99 2.38 0.00	40.27 1.92 0.00
EIGHT_POINT___WT_PWR 323820	39.03 -1.30 -5.21	42.32 -1.34 -11.65	37.15 -1.35 -7.84	33.91 -1.20 -5.15	36.15 -1.06 -6.96	57.23 -0.91 -24.32	82.91 -0.97 -45.20	89.52 -1.15 -46.34	64.41 -1.01 -26.63	47.75 -1.18 -13.11	53.61 -1.35 -18.41	67.54 -1.56 -31.01	71.07 -1.54 -34.11	62.41 -1.75 -26.10	77.09 -1.85 -37.77	72.01 -2.07 -31.87	88.20 -2.16 -42.36	102.35 -1.84 -48.27	104.59 -1.13 -42.65	95.32 -0.73 -29.95	82.55 -0.82 -20.38	60.85 -1.26 -9.71	47.43 -2.19 -3.00	37.78 -2.26 -1.70
ELBRIDGE_115KV_TB2 80188	34.59 -0.53 0.00	31.47 -0.54 0.00	30.10 -0.55 0.00	29.48 -0.48 0.00	29.80 -0.45 0.00	33.34 -0.47 0.00	38.13 -0.54 0.00	43.66 -0.66 0.00	38.29 -0.50 0.00	35.32 -0.50 0.00	36.00 -0.55 0.00	37.49 -0.61 0.00	37.88 -0.62 0.00	37.27 -0.80 0.00	40.32 -0.86 0.00	41.32 -0.89 0.00	46.98 -1.01 0.00	54.98 -0.95 0.00	62.19 -0.88 0.00	65.30 -0.79 0.00	62.23 -0.76 0.00	51.62 -0.79 0.00	45.73 -0.89 0.00	37.51 -0.84 0.00
ELEC_TRO_TEK 24086	37.40 2.28 0.00	33.71 1.70 0.00	32.37 1.72 0.00	31.55 1.59 0.00	31.82 1.57 0.00	35.61 1.79 0.00	40.72 2.05 0.00	46.99 2.66 0.00	41.08 2.29 0.00	38.33 2.51 0.00	40.59 2.52 -1.52	40.84 2.74 0.00	41.16 2.66 0.00	41.27 3.20 0.00	44.76 3.58 0.00	49.19 3.84 -3.14	52.41 4.42 0.00	60.87 4.92 -0.02	67.38 4.29 -0.01	70.27 4.16 -0.01	66.39 3.40 0.00	55.23 2.83 0.00	49.93 3.31 0.00	41.27 2.91 0.00
ELLENBURG_WT_PWR 323604	34.48 -0.63 0.00	31.79 -0.22 0.00	30.40 -0.25 0.00	29.75 -0.21 0.00	30.07 -0.18 0.00	33.68 -0.13 0.00	38.52 -0.15 0.00	44.20 -0.13 0.00	38.71 -0.08 0.00	35.75 -0.07 0.00	36.48 -0.07 0.00	38.02 -0.08 0.00	38.46 -0.04 0.00	37.95 -0.11 0.00	41.06 -0.12 0.00	42.08 -0.13 0.00	47.90 -0.10 0.00	55.59 -0.33 0.00	62.95 -0.13 0.00	65.90 -0.20 0.00	62.86 -0.13 0.00	52.24 -0.16 0.00	46.57 -0.05 0.00	38.24 -0.11 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	30.24 -3.41 1.47	25.53 -3.20 3.28	25.35 -3.10 2.21	25.61 -2.91 1.45	25.39 -2.90 1.96	23.93 -3.04 6.84	22.52 -3.44 12.71	27.71 -3.59 13.03	28.74 -2.56 7.49	29.70 -2.44 3.69	28.85 -2.52 5.18	26.59 -2.78 8.72	26.14 -2.77 9.59	28.10 -2.97 7.00	26.89 -3.25 11.04	29.19 -3.46 9.56	30.51 -4.18 13.30	35.62 -4.47 15.84	44.78 -4.79 13.50	49.42 -5.02 11.65	49.32 -5.17 8.50	42.62 -4.72 5.06	39.21 -4.80 2.61	33.58 -4.30 0.48
EMPIRE_CC_1 323656	36.42 1.30 0.00	33.16 1.15 0.00	31.79 1.13 0.00	31.07 1.11 0.00	31.34 1.09 0.00	35.00 1.18 0.00	39.99 1.32 0.00	45.75 1.42 0.00	39.80 1.01 0.00	36.79 0.97 0.00	37.61 1.06 0.00	39.16 1.07 0.00	39.69 1.19 0.00	39.40 1.33 0.00	42.58 1.40 0.00	43.60 1.39 0.00	49.53 1.54 0.00	57.72 1.79 0.00	65.03 1.96 0.00	68.08 1.98 0.00	64.94 1.95 0.00	54.08 1.68 0.00	48.29 1.68 0.00	39.81 1.46 0.00
EMPIRE_CC_2 323658	36.42 1.30 0.00	33.16 1.15 0.00	31.79 1.13 0.00	31.07 1.11 0.00	31.34 1.09 0.00	35.00 1.18 0.00	39.99 1.32 0.00	45.75 1.42 0.00	39.80 1.01 0.00	36.79 0.97 0.00	37.61 1.06 0.00	39.16 1.07 0.00	39.69 1.19 0.00	39.40 1.33 0.00	42.58 1.40 0.00	43.60 1.39 0.00	49.53 1.54 0.00	57.72 1.79 0.00	65.03 1.96 0.00	68.08 1.98 0.00	64.94 1.95 0.00	54.08 1.68 0.00	48.29 1.68 0.00	39.81 1.46 0.00
ENORWICH_115KV_TB1 80156	37.32 1.86 -0.35	34.36 1.57 -0.78	32.61 1.44 -0.52	31.77 1.47 -0.34	32.14 1.42 -0.46	37.26 1.83 -1.62	43.38 1.70 -3.01	49.68 2.26 -3.09	42.19 1.63 -1.77	37.98 1.29 -0.87	38.62 0.84 -1.23	41.15 0.99 -2.07	41.54 0.77 -2.27	40.36 0.53 -1.75	44.17 0.58 -2.41	44.92 0.72 -1.99	51.51 0.96 -2.56	61.08 2.35 -2.80	69.08 3.66 -2.34	71.59 4.03 -1.47	67.56 3.72 -0.85	55.57 2.88 -0.29	48.74 2.19 0.07	39.88 1.42 -0.11
ERIE_ST__34_KV_TB1-2 80199	31.35 -2.42 1.34	26.71 -2.30 3.00	26.39 -2.24 2.02	26.54 -2.10 1.33	26.37 -2.09 1.79	25.44 -2.13 6.25	24.70 -2.36 11.61	30.12 -2.31 11.91	30.51 -1.44 6.84	31.05 -1.40 3.37	30.36 -1.46 4.73	28.49 -1.64 7.97	28.12 -1.62 8.76	29.75 -1.79 6.53	28.97 -1.89 10.32	31.23 -2.03 8.96	33.06 -2.45 12.49	38.54 -2.46 14.93	50.64 -2.52 9.92	52.43 -2.64 11.02	53.22 -2.96 6.80	44.61 -2.99 4.81	40.78 -3.36 2.49	34.80 -3.11 0.44
ERIE_WT_PWR 323693	30.57 -3.09 1.45	25.86 -2.91 3.24	25.65 -2.82 2.18	25.86 -2.67 1.43	25.65 -2.66 1.93	24.29 -2.77 6.75	22.99 -3.13 12.55	28.27 -3.19 12.87	29.14 -2.25 7.40	30.03 -2.15 3.64	29.17 -2.27 5.11	27.01 -2.48 8.61	26.41 -2.62 9.47	28.30 -2.74 7.03	27.21 -2.92 11.05	29.50 -3.12 9.58	31.01 -3.65 13.33	36.19 -3.86 15.88	45.76 -4.10 13.22	50.23 -4.23 11.64	50.28 -4.41 8.29	43.44 -3.93 5.03	39.66 -4.38 2.57	33.93 -3.95 0.47
ESPRGFLD_115KV_TB1 80157	37.50 2.39 0.00	34.09 2.08 0.00	32.58 1.93 0.00	31.91 1.95 0.00	32.19 1.94 0.00	36.18 2.37 0.00	41.03 2.36 0.00	47.25 2.93 0.00	40.85 2.06 0.00	37.54 1.72 0.00	37.94 1.39 0.00	39.62 1.52 0.00	39.81 1.31 0.00	39.22 1.14 -0.01	42.31 1.11 -0.01	43.44 1.22 -0.01	49.49 1.49 -0.01	58.91 2.96 -0.02	67.60 4.48 -0.04	71.39 5.29 -0.01	67.92 4.91 -0.02	56.33 3.93 0.00	49.93 3.31 0.00	40.81 2.45 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	35.97 0.35 -0.50	33.36 0.22 -1.13	31.59 0.18 -0.76	30.67 0.21 -0.50	31.19 0.27 -0.67	36.57 0.41 -2.35	43.46 0.43 -4.37	49.29 0.49 -4.48	41.75 0.39 -2.57	37.30 0.21 -1.27	38.44 0.11 -1.78	41.17 0.08 -3.00	41.87 0.08 -3.30	40.53 -0.08 -2.53	44.69 -0.04 -3.56	45.17 0.00 -2.96	51.94 0.10 -3.85	60.78 0.56 -4.29	67.82 1.07 -3.67	69.84 1.32 -2.42	65.76 1.26 -1.51	53.86 0.84 -0.62	47.14 0.47 -0.05	38.67 0.15 -0.16
ETNA____115KV_TB2 80207	35.97 0.35 -0.50	33.36 0.22 -1.13	31.59 0.18 -0.76	30.67 0.21 -0.50	31.19 0.27 -0.67	36.57 0.41 -2.35	43.46 0.43 -4.37	49.29 0.49 -4.48	41.75 0.39 -2.57	37.30 0.21 -1.27	38.44 0.11 -1.78	41.17 0.08 -3.00	41.87 0.08 -3.30	40.53 -0.08 -2.53	44.69 -0.04 -3.56	45.17 0.00 -2.96	51.94 0.10 -3.85	60.78 0.56 -4.29	67.82 1.07 -3.67	69.84 1.32 -2.42	65.76 1.26 -1.51	53.86 0.84 -0.62	47.14 0.47 -0.05	38.67 0.15 -0.16
EUCLID___115KV_TB2 356179	34.41 -0.70 0.00	31.34 -0.67 0.00	29.98 -0.67 0.00	29.33 -0.63 0.00	29.65 -0.61 0.00	33.17 -0.64 0.00	37.94 -0.73 0.00	43.44 -0.89 0.00	38.13 -0.66 0.00	35.17 -0.64 0.00	35.89 -0.66 0.00	37.33 -0.76 0.00	37.77 -0.73 0.00	37.12 -0.95 0.00	39.74 -1.03 0.41	40.71 -1.01 0.48	45.86 -1.20 0.93	53.26 -1.23 1.44	59.97 -1.26 1.85	63.16 -1.19 1.75	60.06 -1.20 1.73	50.13 -1.10 1.17	44.65 -1.12 0.85	37.32 -1.04 0.00
E_CANADA_CAP_HY 24051	37.47 2.35 0.00	34.09 2.08 0.00	32.61 1.96 0.00	31.88 1.92 0.00	32.22 1.97 0.00	36.12 2.30 0.00	40.91 2.24 0.00	46.81 2.48 0.00	40.30 1.51 0.00	37.00 1.18 0.00	37.57 1.02 0.00	39.12 1.03 0.00	39.46 0.96 0.00	38.94 0.88 0.00	41.96 0.78 0.00	43.18 0.97 0.00	49.29 1.30 0.00	58.50 2.57 0.00	67.17 4.10 0.00	71.38 5.29 0.00	68.09 5.10 0.00	56.54 4.14 0.00	50.16 3.54 0.00	41.11 2.76 0.00
E_CANADA_MHWK_HY 24050	35.50 0.39 0.00	32.30 0.29 0.00	30.89 0.24 0.00	30.14 0.18 0.00	30.40 0.15 0.00	34.02 0.20 0.00	38.90 0.23 0.00	44.64 0.31 0.00	39.02 0.23 0.00	36.07 0.25 0.00	36.77 0.22 0.00	38.36 0.27 0.00	38.73 0.23 0.00	38.30 0.23 0.00	41.39 0.21 0.00	42.46 0.25 0.00	48.28 0.29 0.00	56.26 0.34 0.00	63.52 0.44 0.00	66.56 0.47 0.00	63.37 0.38 0.00	52.66 0.26 0.00	46.95 0.33 0.00	38.51 0.15 0.00
E_FISHKILL___LBMP 23776	36.59 1.47 0.00	33.23 1.22 0.00	31.94 1.29 0.00	31.13 1.17 0.00	31.40 1.15 0.00	34.97 1.15 0.00	40.14 1.47 0.00	46.15 1.82 0.00	40.46 1.67 0.00	37.43 1.61 0.00	38.27 1.72 0.00	40.00 1.90 0.00	40.42 1.92 0.00	40.35 2.28 0.00	43.73 2.55 0.00	45.00 2.79 0.00	51.26 3.26 0.00	59.45 3.52 0.00	66.42 3.34 0.00	69.33 3.24 0.00	65.95 2.96 0.00	54.81 2.41 0.00	48.95 2.33 0.00	40.35 1.99 0.00
FALCON___SEABRD_CC1 323796	34.83 -0.28 0.00	32.11 0.10 0.00	30.71 0.06 0.00	30.05 0.09 0.00	30.37 0.12 0.00	34.06 0.24 0.00	38.94 0.27 0.00	44.68 0.35 0.00	39.14 0.35 0.00	36.14 0.32 0.00	36.88 0.33 0.00	38.44 0.34 0.00	38.88 0.38 0.00	38.41 0.34 0.00	41.55 0.37 0.00	42.55 0.34 0.00	48.42 0.43 0.00	56.21 0.28 0.00	63.71 0.63 0.00	66.76 0.66 0.00	63.68 0.69 0.00	52.87 0.47 0.00	47.08 0.47 0.00	38.66 0.31 0.00
FALCON___SEABRD_CC2 323797	34.83 -0.28 0.00	32.11 0.10 0.00	30.71 0.06 0.00	30.05 0.09 0.00	30.37 0.12 0.00	34.06 0.24 0.00	38.94 0.27 0.00	44.68 0.35 0.00	39.14 0.35 0.00	36.14 0.32 0.00	36.88 0.33 0.00	38.44 0.34 0.00	38.88 0.38 0.00	38.41 0.34 0.00	41.55 0.37 0.00	42.55 0.34 0.00	48.42 0.43 0.00	56.21 0.28 0.00	63.71 0.63 0.00	66.76 0.66 0.00	63.68 0.69 0.00	52.87 0.47 0.00	47.08 0.47 0.00	38.66 0.31 0.00

FAR ROCKAWAY___4 23548	37.82 2.70 0.00	34.06 2.05 0.00	32.70 2.05 0.00	31.85 1.89 0.00	32.16 1.91 0.00	35.98 2.16 0.00	41.15 2.47 0.00	47.52 3.19 0.00	41.58 2.79 0.00	38.76 2.94 0.00	41.10 3.03 -1.52	41.37 3.28 0.00	41.70 3.20 0.00	41.84 3.77 0.00	45.34 4.16 0.00	49.87 4.52 -3.14	53.18 5.18 0.00	61.91 5.93 -0.05	68.54 5.42 -0.04	71.49 5.35 -0.04	67.46 4.47 0.00	56.12 3.72 0.00	50.63 4.01 0.00	41.77 3.41 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	36.91 1.79 0.00	33.48 1.47 0.00	32.21 1.56 0.00	31.40 1.44 0.00	31.67 1.42 0.00	35.17 1.35 0.00	40.49 1.82 0.00	46.68 2.35 0.00	41.04 2.25 0.00	38.00 2.19 0.00	38.82 2.27 0.00	40.65 2.55 0.00	41.12 2.62 0.00	41.04 2.97 0.00	44.52 3.34 0.00	46.02 3.80 -0.01	52.36 4.37 0.00	60.57 4.64 0.00	67.43 4.35 0.00	70.39 4.30 0.00	66.89 3.91 0.00	55.60 3.20 0.00	49.65 3.03 0.00	40.88 2.53 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	36.94 1.83 0.00	33.52 1.50 0.00	32.21 1.56 0.00	31.40 1.44 0.00	31.67 1.42 0.00	35.17 1.35 0.00	40.49 1.82 0.00	46.68 2.35 0.00	41.04 2.25 0.00	38.00 2.19 0.00	38.82 2.27 0.00	40.65 2.55 0.00	41.12 2.62 0.00	41.04 2.97 0.00	44.52 3.34 0.00	46.02 3.80 -0.01	52.36 4.37 0.00	60.57 4.64 0.00	67.43 4.35 0.00	70.46 4.36 0.00	66.89 3.91 0.00	55.65 3.25 0.00	49.70 3.08 0.00	40.88 2.53 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	36.91 1.79 0.00	33.48 1.47 0.00	32.18 1.53 0.00	31.40 1.44 0.00	31.64 1.39 0.00	35.17 1.35 0.00	40.49 1.82 0.00	46.68 2.35 0.00	41.04 2.25 0.00	37.97 2.15 0.00	38.82 2.27 0.00	40.61 2.51 0.00	41.12 2.62 0.00	41.04 2.97 0.00	44.52 3.34 0.00	45.97 3.76 -0.01	52.31 4.32 0.00	60.57 4.64 0.00	67.37 4.29 0.00	70.39 4.30 0.00	66.83 3.84 0.00	55.60 3.20 0.00	49.65 3.03 0.00	40.88 2.53 0.00
FARRAGUT___LBMP 323566	36.87 1.76 0.00	33.45 1.44 0.00	32.18 1.53 0.00	31.37 1.41 0.00	31.64 1.39 0.00	35.14 1.32 0.00	40.45 1.78 0.00	46.63 2.31 0.00	41.00 2.21 0.00	37.93 2.11 0.00	38.78 2.23 0.00	40.57 2.48 0.00	41.08 2.58 0.00	41.00 2.93 0.00	44.47 3.29 0.00	45.93 3.71 -0.01	52.26 4.27 0.00	60.51 4.59 0.00	67.37 4.29 0.00	70.33 4.23 0.00	66.83 3.84 0.00	55.55 3.14 0.00	49.60 2.98 0.00	40.84 2.49 0.00
FARRCKWY_69_KV_BK2 55825	37.82 2.70 0.00	34.06 2.05 0.00	32.70 2.05 0.00	31.85 1.89 0.00	32.16 1.91 0.00	35.98 2.16 0.00	41.15 2.47 0.00	47.52 3.19 0.00	41.58 2.79 0.00	38.76 2.94 0.00	41.10 3.03 -1.52	41.37 3.28 0.00	41.70 3.20 0.00	41.84 3.77 0.00	45.34 4.16 0.00	49.87 4.52 -3.14	53.18 5.18 0.00	61.91 5.93 -0.05	68.54 5.42 -0.04	71.49 5.35 -0.04	67.46 4.47 0.00	56.12 3.72 0.00	50.63 4.01 0.00	41.77 3.41 0.00
FENNER___WINDPWR 24204	35.54 0.42 0.00	32.33 0.32 0.00	30.93 0.28 0.00	30.26 0.30 0.00	30.55 0.30 0.00	34.22 0.41 0.00	39.10 0.43 0.00	44.86 0.53 0.00	39.18 0.39 0.00	36.14 0.32 0.00	36.77 0.22 0.00	38.33 0.23 0.00	38.65 0.15 0.00	38.14 0.08 0.00	41.10 0.08 0.16	42.10 0.08 0.19	47.77 0.14 0.37	55.86 0.50 0.57	63.16 0.82 0.73	66.40 0.99 0.69	63.19 0.88 0.68	52.62 0.68 0.46	46.75 0.47 0.34	38.62 0.27 0.00
FIBERTEK___ENERGY 23856	34.80 -0.32 0.00	31.66 -0.35 0.00	30.28 -0.37 0.00	29.63 -0.33 0.00	29.98 -0.27 0.00	33.55 -0.27 0.00	38.36 -0.31 0.00	43.93 -0.40 0.00	38.52 -0.27 0.00	35.53 -0.29 0.00	36.22 -0.33 0.00	37.72 -0.38 0.00	38.15 -0.35 0.00	37.50 -0.57 0.00	40.56 -0.62 0.00	41.58 -0.63 0.00	47.27 -0.72 0.00	55.31 -0.62 0.00	62.57 -0.50 0.00	65.70 -0.40 0.00	62.61 -0.38 0.00	51.98 -0.42 0.00	46.01 -0.61 0.00	37.74 -0.61 0.00
FITZPATRICK____ 23598	34.10 -1.02 0.00	31.02 -0.99 0.00	29.70 -0.95 0.00	29.03 -0.93 0.00	29.34 -0.91 0.00	32.84 -0.98 0.00	37.55 -1.12 0.00	43.00 -1.33 0.00	37.66 -1.13 0.00	34.75 -1.07 0.00	35.42 -1.13 0.00	36.91 -1.18 0.00	37.15 -1.35 0.00	36.62 -1.45 0.00	39.62 -1.56 0.00	40.61 -1.60 0.00	46.17 -1.82 0.00	53.92 -2.01 0.00	60.93 -2.14 0.00	63.92 -2.18 0.00	60.91 -2.08 0.00	50.62 -1.78 0.00	44.89 -1.72 0.00	36.89 -1.46 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	36.98 1.86 0.00	33.55 1.54 0.00	32.21 1.56 0.00	31.40 1.44 0.00	31.64 1.39 0.00	35.27 1.45 0.00	40.49 1.82 0.00	46.50 2.17 0.00	40.77 1.98 0.00	37.65 1.83 0.00	38.49 1.94 0.00	40.23 2.13 0.00	40.66 2.16 0.00	40.66 2.59 0.00	44.10 2.92 0.00	45.38 3.17 0.00	51.69 3.70 0.00	60.12 4.19 0.00	67.30 4.23 0.00	70.33 4.23 0.00	66.96 3.97 0.00	55.49 3.09 0.00	49.56 2.94 0.00	40.77 2.42 0.00
FORT ORANGE____ 23900	36.13 1.02 0.00	32.91 0.90 0.00	31.54 0.89 0.00	30.83 0.87 0.00	31.07 0.82 0.00	34.69 0.88 0.00	39.60 0.93 0.00	45.30 0.97 0.00	39.41 0.62 0.00	36.39 0.57 0.00	37.17 0.62 0.00	38.70 0.61 0.00	39.23 0.73 0.00	38.94 0.88 0.00	42.08 0.90 0.00	43.14 0.93 0.00	48.95 0.96 0.00	57.16 1.23 0.00	64.46 1.39 0.00	67.75 1.65 0.00	64.56 1.58 0.00	53.71 1.31 0.00	47.88 1.26 0.00	39.62 1.26 0.00
FORT_DRUM_COGEN 23780	36.06 0.95 0.00	32.75 0.74 0.00	31.29 0.64 0.00	30.56 0.60 0.00	30.73 0.48 0.00	34.49 0.68 0.00	39.29 0.62 0.00	45.35 1.02 0.00	39.33 0.54 0.00	36.18 0.36 0.00	36.52 -0.04 0.00	38.10 0.00 0.00	38.27 -0.23 0.00	37.69 -0.38 0.00	40.64 -0.54 0.00	41.70 -0.51 0.00	47.37 -0.62 0.00	55.93 0.00 0.00	64.02 0.95 0.00	67.35 1.26 0.00	64.12 1.13 0.00	53.34 0.94 0.00	47.55 0.93 0.00	38.77 0.42 0.00
FOX_HILLS___ESR 323835	36.73 1.62 0.00	33.32 1.31 0.00	32.00 1.35 0.00	31.19 1.23 0.00	31.43 1.18 0.00	34.80 0.98 0.00	39.80 1.39 0.26	39.78 1.82 6.37	37.92 1.94 2.81	37.67 1.90 0.04	37.96 2.01 0.60	38.20 2.25 2.15	41.08 2.58 0.00	40.96 2.89 0.00	44.48 3.30 0.00	46.06 3.84 -0.01	52.22 4.22 0.00	59.63 4.20 0.50	62.77 3.66 3.96	66.85 3.50 2.75	63.97 3.21 2.23	55.33 2.93 0.00	49.27 2.66 0.00	38.13 2.30 2.53
FPL_FAR_ROCK_GT1 24212	37.83 2.70 -0.01	34.06 2.05 0.00	32.70 2.05 0.00	31.88 1.92 0.00	32.16 1.91 0.00	35.98 2.17 0.00	41.15 2.48 0.00	47.34 3.02 0.00	41.58 2.79 0.00	38.76 2.94 0.00	41.10 3.03 -1.52	41.33 3.24 0.00	41.89 3.39 0.00	41.88 3.81 -0.01	45.34 4.16 0.00	49.87 4.52 -3.14	53.13 5.14 0.00	61.80 5.82 -0.05	68.17 5.05 -0.04	71.30 5.16 -0.04	67.40 4.41 0.00	55.97 3.57 0.00	50.54 3.92 0.00	41.76 3.41 0.00
FPL_FAR_ROCK_GT2 23815	37.83 2.70 -0.01	34.06 2.05 0.00	32.70 2.05 0.00	31.88 1.92 0.00	32.16 1.91 0.00	35.98 2.17 0.00	41.15 2.48 0.00	47.34 3.02 0.00	41.58 2.79 0.00	38.76 2.94 0.00	41.10 3.03 -1.52	41.33 3.24 0.00	41.89 3.39 0.00	41.88 3.81 -0.01	45.34 4.16 0.00	49.87 4.52 -3.14	53.13 5.14 0.00	61.80 5.82 -0.05	68.17 5.05 -0.04	71.30 5.16 -0.04	67.40 4.41 0.00	55.97 3.57 0.00	50.54 3.92 0.00	41.76 3.41 0.00

FRANKLIN_FALL_HYD 24054	34.66 -0.46 0.00	31.91 -0.10 0.00	30.53 -0.12 0.00	29.84 -0.12 0.00	30.16 -0.09 0.00	33.82 0.00 0.00	38.71 0.04 0.00	44.42 0.09 0.00	38.91 0.12 0.00	35.89 0.07 0.00	36.59 0.04 0.00	38.13 0.04 0.00	38.58 0.08 0.00	38.07 0.00 0.00	41.14 -0.04 0.00	42.13 -0.08 0.00	47.94 -0.05 0.00	55.65 -0.28 0.00	63.20 0.13 0.00	66.29 0.20 0.00	63.18 0.19 0.00	52.51 0.10 0.00	46.81 0.19 0.00	38.43 0.08 0.00
FREEPORT_EQUS_GT1 23764	37.72 2.60 -0.01	33.96 1.95 0.00	32.61 1.96 0.00	31.76 1.80 0.00	32.07 1.81 0.00	35.88 2.06 0.00	41.03 2.36 0.00	47.17 2.84 0.00	41.43 2.64 0.00	38.65 2.83 0.00	40.81 2.74 -1.52	41.03 2.93 0.00	41.54 3.04 0.00	41.58 3.50 -0.01	45.01 3.83 0.00	49.61 4.26 -3.14	52.79 4.80 0.00	61.20 5.26 -0.02	67.50 4.41 -0.01	70.60 4.50 -0.01	66.77 3.78 0.00	55.49 3.09 0.00	50.30 3.68 0.00	41.65 3.30 0.00
FREEPORT___CT2 23818	37.72 2.60 -0.01	33.96 1.95 0.00	32.61 1.96 0.00	31.76 1.80 0.00	32.07 1.81 0.00	35.88 2.06 0.00	41.03 2.36 0.00	47.17 2.84 0.00	41.43 2.64 0.00	38.65 2.83 0.00	40.81 2.74 -1.52	41.03 2.93 0.00	41.54 3.04 0.00	41.58 3.50 -0.01	45.01 3.83 0.00	49.61 4.26 -3.14	52.79 4.80 0.00	61.20 5.26 -0.02	67.50 4.41 -0.01	70.60 4.50 -0.01	66.77 3.78 0.00	55.49 3.09 0.00	50.30 3.68 0.00	41.65 3.30 0.00
FRESHKLS_33_KV_LOAD 356253	36.73 1.62 0.00	33.29 1.28 0.00	31.97 1.32 0.00	31.16 1.20 0.00	31.40 1.15 0.00	34.73 0.91 0.00	39.76 1.35 0.26	39.74 1.77 6.37	37.88 1.90 2.81	37.64 1.86 0.04	37.92 1.97 0.60	38.16 2.21 2.15	41.08 2.58 0.00	40.96 2.89 0.00	44.48 3.30 0.00	46.06 3.84 -0.01	52.26 4.27 0.00	59.63 4.20 0.50	62.77 3.66 3.96	66.85 3.50 2.75	63.97 3.21 2.23	55.39 2.99 0.00	49.23 2.61 0.00	38.09 2.26 2.53
FULTON COGEN____ 23766	34.38 -0.74 0.00	31.27 -0.74 0.00	29.91 -0.74 0.00	29.30 -0.66 0.00	29.62 -0.64 0.00	33.14 -0.68 0.00	37.90 -0.77 0.00	43.35 -0.98 0.00	38.01 -0.78 0.00	35.07 -0.75 0.00	35.79 -0.77 0.00	37.22 -0.88 0.00	37.65 -0.85 0.00	37.00 -1.07 0.00	40.53 -1.19 -0.55	41.68 -1.18 -0.65	47.86 -1.39 -1.26	56.47 -1.40 -1.94	64.18 -1.39 -2.49	67.13 -1.32 -2.36	63.99 -1.32 -2.33	52.82 -1.15 -1.58	46.55 -1.21 -1.15	37.28 -1.07 0.00
FULTON___LFGE 323630	37.36 2.25 0.00	34.03 2.02 0.00	32.52 1.87 0.00	31.79 1.83 0.00	32.13 1.88 0.00	36.01 2.20 0.00	40.80 2.13 0.00	46.54 2.22 0.00	40.07 1.28 0.00	36.79 0.97 0.00	37.36 0.80 0.00	38.86 0.76 0.00	39.23 0.73 0.00	38.75 0.69 0.00	41.76 0.58 0.00	42.97 0.76 0.00	49.10 1.10 0.00	58.17 2.24 0.00	66.80 3.72 0.00	71.19 5.09 0.00	67.96 4.97 0.00	56.49 4.09 0.00	50.12 3.50 0.00	41.11 2.76 0.00
G.F.CEMENT___DRP 24184	37.82 2.70 0.00	34.44 2.43 0.00	32.95 2.30 0.00	32.18 2.22 0.00	32.52 2.27 0.00	36.39 2.57 0.00	41.42 2.75 0.00	47.52 3.19 0.00	41.08 2.29 0.00	37.90 2.08 0.00	38.64 2.08 0.00	39.96 1.87 0.00	40.27 1.77 0.00	39.97 1.90 0.00	43.07 1.89 0.00	43.39 1.18 0.00	49.48 1.49 0.00	58.33 2.40 0.00	66.23 3.15 0.00	70.33 4.23 0.00	67.21 4.22 0.00	55.91 3.51 0.00	49.65 3.03 0.00	41.77 3.41 0.00
GARDENVILLE___LBMP 24039	30.32 -3.20 1.60	25.43 -3.01 3.57	25.33 -2.91 2.40	25.65 -2.73 1.58	25.40 -2.72 2.13	23.49 -2.87 7.45	21.62 -3.21 13.84	26.77 -3.37 14.19	28.27 -2.37 8.16	29.55 -2.26 4.02	28.54 -2.38 5.64	26.01 -2.59 9.50	25.47 -2.58 10.45	27.56 -2.78 7.73	26.11 -3.01 12.07	28.55 -3.21 10.45	29.67 -3.84 14.49	34.64 -4.08 17.20	44.03 -4.35 14.70	49.12 -4.49 12.48	49.32 -4.66 9.01	42.73 -4.35 5.32	39.42 -4.52 2.68	33.77 -4.07 0.52
GARDNVLA_35_KV_LD 355827	30.63 -3.09 1.40	25.98 -2.91 3.11	25.73 -2.82 2.10	25.95 -2.64 1.38	25.76 -2.63 1.86	24.55 -2.77 6.50	23.51 -3.09 12.07	28.76 -3.19 12.37	29.43 -2.25 7.11	30.20 -2.11 3.50	29.41 -2.23 4.92	27.38 -2.44 8.28	26.97 -2.43 9.11	28.67 -2.63 6.77	27.66 -2.84 10.67	29.95 -3.00 9.26	31.50 -3.60 12.90	36.73 -3.80 15.39	46.44 -3.97 12.67	50.61 -4.16 11.32	50.62 -4.35 8.03	43.39 -4.09 4.92	39.80 -4.29 2.53	34.02 -3.87 0.46
GELCKHM___115KV_LOAD 80723	34.55 -0.56 0.00	31.43 -0.58 0.00	30.07 -0.58 0.00	29.42 -0.54 0.00	29.77 -0.48 0.00	33.31 -0.51 0.00	38.09 -0.58 0.00	43.62 -0.71 0.00	38.25 -0.54 0.00	35.32 -0.50 0.00	36.00 -0.55 0.00	37.49 -0.61 0.00	37.92 -0.58 0.00	37.27 -0.80 0.00	40.05 -0.86 0.27	41.01 -0.89 0.32	46.33 -1.06 0.61	53.98 -1.01 0.94	60.92 -0.95 1.21	64.02 -0.93 1.15	60.97 -0.88 1.13	50.80 -0.84 0.77	45.13 -0.93 0.56	37.47 -0.88 0.00
GENERAL___MILLS 23808	30.57 -3.09 1.45	25.86 -2.91 3.24	25.65 -2.82 2.18	25.86 -2.67 1.43	25.65 -2.66 1.93	24.29 -2.77 6.75	22.99 -3.13 12.55	28.22 -3.24 12.87	29.14 -2.25 7.40	30.03 -2.15 3.64	29.17 -2.27 5.11	27.01 -2.48 8.61	26.56 -2.46 9.47	28.37 -2.66 7.03	27.25 -2.88 11.05	29.54 -3.08 9.58	30.97 -3.70 13.33	36.13 -3.91 15.88	45.76 -4.10 13.22	50.16 -4.30 11.64	50.22 -4.47 8.29	43.18 -4.19 5.03	39.71 -4.34 2.57	33.97 -3.91 0.47
GE_PLASTICS___DRP 24183	35.92 0.81 0.00	32.75 0.74 0.00	31.39 0.74 0.00	30.65 0.69 0.00	30.95 0.70 0.00	34.53 0.71 0.00	39.44 0.77 0.00	45.22 0.89 0.00	39.41 0.62 0.00	36.39 0.57 0.00	37.17 0.62 0.00	38.78 0.69 0.00	39.15 0.65 0.00	38.91 0.84 0.00	42.09 0.91 0.00	43.10 0.89 0.00	48.95 0.96 0.00	57.05 1.12 0.00	64.21 1.14 0.00	67.29 1.19 0.00	64.25 1.26 0.00	53.50 1.10 0.00	47.64 1.03 0.00	39.35 1.00 0.00
GILBOA___1 23756	35.92 0.81 0.00	32.81 0.80 0.00	31.48 0.83 0.00	30.74 0.78 0.00	31.01 0.76 0.00	34.63 0.81 0.00	39.48 0.81 0.00	45.26 0.93 0.00	39.61 0.82 0.00	36.57 0.75 0.00	37.36 0.80 0.00	38.97 0.88 0.00	39.46 0.96 0.00	39.13 1.06 0.00	42.33 1.15 0.00	43.39 1.18 0.00	49.29 1.30 0.00	57.38 1.45 0.00	64.40 1.33 0.00	67.42 1.32 0.00	64.25 1.26 0.00	53.50 1.10 0.00	47.74 1.12 0.00	39.39 1.04 0.00
GILBOA___2 23757	35.92 0.81 0.00	32.81 0.80 0.00	31.48 0.83 0.00	30.74 0.78 0.00	31.01 0.76 0.00	34.63 0.81 0.00	39.48 0.81 0.00	45.26 0.93 0.00	39.61 0.82 0.00	36.57 0.75 0.00	37.36 0.80 0.00	38.97 0.88 0.00	39.46 0.96 0.00	39.13 1.06 0.00	42.33 1.15 0.00	43.39 1.18 0.00	49.29 1.30 0.00	57.38 1.45 0.00	64.40 1.33 0.00	67.42 1.32 0.00	64.25 1.26 0.00	53.50 1.10 0.00	47.74 1.12 0.00	39.39 1.04 0.00
GILBOA___3 23758	35.92 0.81 0.00	32.81 0.80 0.00	31.48 0.83 0.00	30.74 0.78 0.00	31.01 0.76 0.00	34.63 0.81 0.00	39.48 0.81 0.00	45.26 0.93 0.00	39.61 0.82 0.00	36.57 0.75 0.00	37.36 0.80 0.00	38.97 0.88 0.00	39.46 0.96 0.00	39.13 1.06 0.00	42.33 1.15 0.00	43.39 1.18 0.00	49.29 1.30 0.00	57.38 1.45 0.00	64.40 1.33 0.00	67.42 1.32 0.00	64.25 1.26 0.00	53.50 1.10 0.00	47.74 1.12 0.00	39.39 1.04 0.00

GILBOA___4 23759	35.92 0.81 0.00	32.81 0.80 0.00	31.48 0.83 0.00	30.74 0.78 0.00	31.01 0.76 0.00	34.63 0.81 0.00	39.48 0.81 0.00	45.26 0.93 0.00	39.61 0.82 0.00	36.57 0.75 0.00	37.36 0.80 0.00	38.97 0.88 0.00	39.46 0.96 0.00	39.13 1.06 0.00	42.33 1.15 0.00	43.39 1.18 0.00	49.29 1.30 0.00	57.38 1.45 0.00	64.40 1.33 0.00	67.42 1.32 0.00	64.25 1.26 0.00	53.50 1.10 0.00	47.74 1.12 0.00	39.39 1.04 0.00
GILBOA____ 23599	35.92 0.81 0.00	32.81 0.80 0.00	31.48 0.83 0.00	30.74 0.78 0.00	31.01 0.76 0.00	34.63 0.81 0.00	39.48 0.81 0.00	45.30 0.98 0.00	39.60 0.81 0.00	36.57 0.75 0.00	37.36 0.80 0.00	38.97 0.88 0.00	39.39 0.89 0.00	39.13 1.07 0.00	42.33 1.15 0.00	43.35 1.14 0.00	49.29 1.30 0.00	57.38 1.45 0.00	64.40 1.32 0.00	67.42 1.32 0.00	64.25 1.26 0.00	53.55 1.15 0.00	47.74 1.12 0.00	39.39 1.04 0.00
GINNA____ 23603	31.41 -3.44 0.26	28.13 -3.30 0.59	27.07 -3.19 0.40	26.71 -3.00 0.26	26.94 -2.96 0.35	29.41 -3.18 1.23	32.79 -3.60 2.28	38.18 -3.81 2.34	34.42 -3.03 1.34	32.33 -2.83 0.66	32.63 -3.00 0.93	33.25 -3.28 1.56	33.39 -3.39 1.72	33.27 -3.46 1.33	34.61 -3.79 2.78	35.65 -3.92 2.64	39.42 -4.46 4.11	45.42 -5.03 5.48	51.88 -5.11 6.09	55.61 -5.29 5.20	53.14 -5.16 4.68	45.16 -4.30 2.94	40.16 -4.52 1.94	34.28 -3.99 0.09
GLEN PARK____ 23778	36.20 1.09 0.00	32.88 0.86 0.00	31.42 0.77 0.00	30.68 0.72 0.00	30.86 0.60 0.00	34.63 0.81 0.00	39.44 0.77 0.00	45.57 1.24 0.00	39.49 0.70 0.00	36.28 0.46 0.00	36.63 0.07 0.00	38.17 0.08 0.00	38.27 -0.23 0.00	37.73 -0.34 0.00	40.69 -0.49 0.00	41.75 -0.46 0.00	47.42 -0.57 0.00	56.04 0.11 0.00	64.21 1.14 0.00	67.62 1.52 0.00	64.44 1.45 0.00	53.61 1.21 0.00	47.74 1.12 0.00	38.93 0.58 0.00
GLENDALE_27_KV_LOAD 356172	37.01 1.90 0.00	33.61 1.60 0.00	32.31 1.66 0.00	31.49 1.53 0.00	31.76 1.51 0.00	35.17 1.35 0.00	40.53 1.86 0.00	46.72 2.39 0.00	41.16 2.37 0.00	38.11 2.29 0.00	38.97 2.41 0.00	40.76 2.67 0.00	41.27 2.77 0.00	41.23 3.16 0.00	44.72 3.54 0.00	46.23 4.01 -0.01	52.60 4.61 0.00	60.74 4.81 0.00	67.56 4.48 0.00	70.46 4.36 0.00	66.96 3.97 0.00	55.70 3.30 0.00	49.74 3.12 0.00	41.00 2.65 0.00
GLENWOOD_IC_1_G5 23712	37.33 2.21 0.00	33.74 1.73 0.00	32.40 1.75 0.00	31.58 1.62 0.00	31.85 1.60 0.00	35.58 1.76 0.00	40.76 2.09 0.00	47.03 2.70 0.00	41.19 2.40 0.00	38.29 2.47 0.00	40.66 2.60 -1.52	40.95 2.86 0.00	41.31 2.81 0.00	41.38 3.31 0.00	44.85 3.67 0.00	49.36 4.01 -3.14	52.60 4.61 0.00	61.02 5.09 -0.01	67.37 4.29 -0.01	70.27 4.16 -0.01	66.52 3.53 0.00	55.65 3.25 0.00	49.98 3.36 0.00	41.23 2.88 0.00
GLENWOOD_IC_2_G1 23688	37.12 2.00 -0.01	33.58 1.57 0.00	32.27 1.62 0.00	31.46 1.50 0.00	31.73 1.48 0.00	35.37 1.56 0.00	40.56 1.89 0.00	46.63 2.30 0.00	41.00 2.21 0.00	38.04 2.22 0.00	40.41 2.34 -1.52	40.65 2.55 0.00	41.27 2.77 0.00	41.16 3.08 -0.01	44.56 3.38 0.00	49.02 3.67 -3.14	52.17 4.17 0.00	60.46 4.53 0.00	67.12 4.04 0.00	70.13 4.03 0.00	66.58 3.59 0.00	55.33 2.93 0.00	49.65 3.03 0.00	41.00 2.64 0.00
GLENWOOD_IC_3_G1 23689	37.12 2.00 -0.01	33.58 1.57 0.00	32.27 1.62 0.00	31.46 1.50 0.00	31.73 1.48 0.00	35.37 1.56 0.00	40.56 1.89 0.00	46.63 2.30 0.00	41.00 2.21 0.00	38.04 2.22 0.00	40.41 2.34 -1.52	40.65 2.55 0.00	41.27 2.77 0.00	41.16 3.08 -0.01	44.56 3.38 0.00	49.02 3.67 -3.14	52.17 4.17 0.00	60.46 4.53 0.00	67.12 4.04 0.00	70.13 4.03 0.00	66.58 3.59 0.00	55.33 2.93 0.00	49.65 3.03 0.00	41.00 2.64 0.00
GLENWOOD___4 23550	37.33 2.21 0.00	33.74 1.73 0.00	32.40 1.75 0.00	31.58 1.62 0.00	31.85 1.60 0.00	35.58 1.76 0.00	40.76 2.09 0.00	47.03 2.70 0.00	41.19 2.40 0.00	38.29 2.47 0.00	40.66 2.60 -1.52	40.95 2.86 0.00	41.31 2.81 0.00	41.38 3.31 0.00	44.85 3.67 0.00	49.36 4.01 -3.14	52.60 4.61 0.00	61.02 5.09 -0.01	67.50 4.42 -0.01	70.40 4.30 -0.01	66.64 3.65 0.00	55.65 3.25 0.00	49.98 3.36 0.00	41.23 2.88 0.00
GLENWOOD___5 23614	37.33 2.21 0.00	33.74 1.73 0.00	32.40 1.75 0.00	31.58 1.62 0.00	31.85 1.60 0.00	35.58 1.76 0.00	40.76 2.09 0.00	47.03 2.70 0.00	41.19 2.40 0.00	38.29 2.47 0.00	40.66 2.60 -1.52	40.95 2.86 0.00	41.31 2.81 0.00	41.38 3.31 0.00	44.85 3.67 0.00	49.36 4.01 -3.14	52.60 4.61 0.00	61.02 5.09 -0.01	67.50 4.42 -0.01	70.40 4.30 -0.01	66.64 3.65 0.00	55.65 3.25 0.00	49.98 3.36 0.00	41.23 2.88 0.00
GLOBAL GREEN_PORT_GT1 23814	38.46 3.34 -0.01	34.64 2.63 0.00	33.50 2.85 0.00	32.72 2.75 0.00	33.13 2.88 0.00	37.23 3.41 0.00	42.38 3.71 0.00	48.68 4.35 0.00	42.98 4.19 0.00	40.41 4.59 0.00	42.53 4.46 -1.52	42.63 4.53 0.00	42.93 4.43 0.00	42.83 4.76 -0.01	46.24 5.06 0.00	50.88 5.53 -3.14	54.47 6.48 0.00	62.97 7.05 0.00	69.32 6.25 0.00	72.24 6.15 0.00	68.09 5.10 0.00	56.54 4.14 0.00	51.56 4.94 0.00	42.88 4.52 0.00
GLOBE___DSASP 323697	29.78 -4.21 1.12	25.60 -3.91 2.50	25.19 -3.77 1.69	25.29 -3.57 1.11	25.19 -3.57 1.50	24.80 -3.79 5.23	24.66 -4.29 9.72	29.85 -4.52 9.96	29.69 -3.37 5.72	29.81 -3.19 2.82	29.27 -3.33 3.96	27.81 -3.62 6.67	27.55 -3.62 7.33	28.66 -3.96 5.45	27.99 -4.37 8.83	29.69 -4.85 7.67	31.15 -6.05 10.80	35.88 -6.93 13.11	42.29 -7.57 13.21	48.22 -7.93 9.94	46.94 -7.87 8.17	41.47 -6.45 4.49	38.23 -5.97 2.43	32.12 -5.87 0.36
GOETHSLN___LBMP 323567	36.70 1.58 0.00	33.29 1.28 0.00	32.03 1.38 0.00	31.22 1.26 0.00	31.49 1.24 0.00	34.97 1.15 0.00	39.99 1.59 0.27	40.04 2.08 6.38	37.99 2.02 2.82	37.70 1.93 0.05	37.99 2.05 0.61	38.23 2.29 2.15	40.89 2.39 0.00	40.81 2.74 0.00	44.27 3.09 0.00	45.72 3.50 -0.01	52.02 4.03 0.00	59.67 4.25 0.51	63.02 3.91 3.97	67.17 3.83 2.75	64.22 3.46 2.24	55.28 2.88 0.00	49.37 2.75 0.00	38.12 2.30 2.53
GOLAH___69_KV_TB 1_2 80279	32.55 -2.28 0.28	29.17 -2.21 0.63	28.02 -2.21 0.43	27.64 -2.04 0.28	27.91 -1.97 0.38	30.47 -2.03 1.32	33.97 -2.24 2.45	39.51 -2.31 2.52	35.68 -1.67 1.45	33.53 -1.58 0.71	33.87 -1.68 1.00	34.51 -1.90 1.68	34.76 -1.89 1.85	34.55 -2.09 1.43	35.88 -2.39 2.91	37.02 -2.45 2.74	40.83 -2.93 4.24	47.13 -3.19 5.61	53.98 -2.96 6.13	57.94 -2.91 5.25	55.36 -2.96 4.67	46.63 -2.83 2.94	41.72 -2.98 1.92	35.54 -2.72 0.09
GOODYEAR_LAKE_HYD 323669	37.90 2.60 -0.18	34.66 2.24 -0.41	33.04 2.11 -0.28	32.30 2.16 -0.18	32.58 2.09 -0.25	37.25 2.57 -0.86	42.82 2.55 -1.60	49.38 3.41 -1.64	42.33 2.60 -0.94	38.54 2.26 -0.46	39.03 1.83 -0.65	41.21 2.02 -1.09	41.47 1.77 -1.20	40.56 1.56 -0.93	44.03 1.61 -1.24	44.91 1.69 -1.01	51.17 1.92 -1.26	60.79 3.52 -1.34	69.06 4.92 -1.06	72.04 5.35 -0.59	68.24 4.98 -0.28	56.41 3.98 -0.03	49.80 3.31 0.13	40.87 2.45 -0.06

GOUDEY___7	35.64	32.75	31.17	30.41	30.82	35.30	41.15	47.00	40.51	36.83	37.75	39.90	40.46	39.59	43.21	43.89	50.11	58.49	65.51	68.00	64.35	53.11	46.77	38.59
23579	0.28	0.19	0.15	0.21	0.24	0.34	0.35	0.49	0.47	0.39	0.33	0.34	0.35	0.27	0.37	0.34	0.43	0.78	1.01	1.12	1.01	0.68	0.33	0.15
	-0.25	-0.55	-0.37	-0.24	-0.33	-1.15	-2.13	-2.19	-1.26	-0.62	-0.87	-1.46	-1.61	-1.25	-1.66	-1.35	-1.68	-1.78	-1.42	-0.78	-0.36	-0.03	0.18	-0.08
GOUDEY___8	35.64	32.75	31.17	30.41	30.82	35.30	41.15	47.00	40.51	36.83	37.75	39.90	40.46	39.59	43.21	43.89	50.11	58.49	65.51	68.00	64.35	53.11	46.77	38.59
23580	0.28	0.19	0.15	0.21	0.24	0.34	0.35	0.49	0.47	0.39	0.33	0.34	0.35	0.27	0.37	0.34	0.43	0.78	1.01	1.12	1.01	0.68	0.33	0.15
	-0.25	-0.55	-0.37	-0.24	-0.33	-1.15	-2.13	-2.19	-1.26	-0.62	-0.87	-1.46	-1.61	-1.25	-1.66	-1.35	-1.68	-1.78	-1.42	-0.78	-0.36	-0.03	0.18	-0.08
GOWANUS_GT1_1	36.91	33.45	32.15	31.34	31.58	34.97	40.26	46.46	40.92	37.90	38.75	40.57	41.08	41.08	44.64	46.19	52.50	60.51	67.18	70.06	66.52	55.55	49.56	40.81
24077	1.79	1.44	1.50	1.38	1.33	1.15	1.59	2.13	2.13	2.08	2.19	2.48	2.58	3.01	3.46	3.97	4.51	4.59	4.10	3.97	3.53	3.14	2.94	2.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GOWANUS_GT1_2	36.91	33.45	32.15	31.34	31.58	34.97	40.26	46.46	40.92	37.90	38.75	40.57	41.08	41.08	44.64	46.19	52.50	60.51	67.18	70.06	66.52	55.55	49.56	40.81
24078	1.79	1.44	1.50	1.38	1.33	1.15	1.59	2.13	2.13	2.08	2.19	2.48	2.58	3.01	3.46	3.97	4.51	4.59	4.10	3.97	3.53	3.14	2.94	2.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GOWANUS_GT1_3	36.91	33.45	32.15	31.34	31.58	34.97	40.26	46.46	40.92	37.90	38.75	40.57	41.08	41.08	44.64	46.19	52.50	60.51	67.18	70.06	66.52	55.55	49.56	40.81
24079	1.79	1.44	1.50	1.38	1.33	1.15	1.59	2.13	2.13	2.08	2.19	2.48	2.58	3.01	3.46	3.97	4.51	4.59	4.10	3.97	3.53	3.14	2.94	2.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GOWANUS_GT1_4	36.91	33.45	32.15	31.34	31.58	34.97	40.26	46.46	40.92	37.90	38.75	40.57	41.08	41.08	44.64	46.19	52.50	60.51	67.18	70.06	66.52	55.55	49.56	40.81
24080	1.79	1.44	1.50	1.38	1.33	1.15	1.59	2.13	2.13	2.08	2.19	2.48	2.58	3.01	3.46	3.97	4.51	4.59	4.10	3.97	3.53	3.14	2.94	2.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GOWANUS_GT1_5	36.91	33.45	32.15	31.34	31.58	34.97	40.26	46.46	40.92	37.90	38.75	40.57	41.08	41.08	44.64	46.19	52.50	60.51	67.18	70.06	66.52	55.55	49.56	40.81
24084	1.79	1.44	1.50	1.38	1.33	1.15	1.59	2.13	2.13	2.08	2.19	2.48	2.58	3.01	3.46	3.97	4.51	4.59	4.10	3.97	3.53	3.14	2.94	2.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GOWANUS_GT1_6	36.91	33.45	32.15	31.34	31.58	34.97	40.26	46.46	40.92	37.90	38.75	40.57	41.08	41.08	44.64	46.19	52.50	60.51	67.18	70.06	66.52	55.55	49.56	40.81
24111	1.79	1.44	1.50	1.38	1.33	1.15	1.59	2.13	2.13	2.08	2.19	2.48	2.58	3.01	3.46	3.97	4.51	4.59	4.10	3.97	3.53	3.14	2.94	2.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GOWANUS_GT1_7	36.91	33.45	32.15	31.34	31.58	34.97	40.26	46.46	40.92	37.90	38.75	40.57	41.08	41.08	44.64	46.19	52.50	60.51	67.18	70.06	66.52	55.55	49.56	40.81
24112	1.79	1.44	1.50	1.38	1.33	1.15	1.59	2.13	2.13	2.08	2.19	2.48	2.58	3.01	3.46	3.97	4.51	4.59	4.10	3.97	3.53	3.14	2.94	2.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GOWANUS_GT1_8	36.91	33.45	32.15	31.34	31.58	34.97	40.26	46.46	40.92	37.90	38.75	40.57	41.08	41.08	44.64	46.19	52.50	60.51	67.18	70.06	66.52	55.55	49.56	40.81
24113	1.79	1.44	1.50	1.38	1.33	1.15	1.59	2.13	2.13	2.08	2.19	2.48	2.58	3.01	3.46	3.97	4.51	4.59	4.10	3.97	3.53	3.14	2.94	2.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GOWANUS_GT2_1	36.87	33.45	32.15	31.34	31.58	34.93	40.26	46.37	40.88	37.90	38.75	40.50	41.27	41.12	44.60	46.18	52.36	60.34	67.05	69.86	66.45	55.49	49.46	40.84
24114	1.76	1.44	1.50	1.38	1.33	1.11	1.59	2.04	2.09	2.08	2.19	2.40	2.77	3.05	3.42	3.97	4.37	4.42	3.98	3.77	3.46	3.09	2.84	2.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GOWANUS_GT2_2	36.87	33.45	32.15	31.34	31.58	34.93	40.26	46.37	40.88	37.90	38.75	40.50	41.27	41.12	44.60	46.18	52.36	60.34	67.05	69.86	66.45	55.49	49.46	40.84
24115	1.76	1.44	1.50	1.38	1.33	1.11	1.59	2.04	2.09	2.08	2.19	2.40	2.77	3.05	3.42	3.97	4.37	4.42	3.98	3.77	3.46	3.09	2.84	2.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GOWANUS_GT2_3	36.87	33.45	32.15	31.34	31.58	34.93	40.26	46.37	40.88	37.90	38.75	40.50	41.27	41.12	44.60	46.18	52.36	60.34	67.05	69.86	66.45	55.49	49.46	40.84
24116	1.76	1.44	1.50	1.38	1.33	1.11	1.59	2.04	2.09	2.08	2.19	2.40	2.77	3.05	3.42	3.97	4.37	4.42	3.98	3.77	3.46	3.09	2.84	2.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GOWANUS_GT2_4	36.87	33.45	32.15	31.34	31.58	34.93	40.26	46.37	40.88	37.90	38.75	40.50	41.27	41.12	44.60	46.18	52.36	60.34	67.05	69.86	66.45	55.49	49.46	40.84
24117	1.76	1.44	1.50	1.38	1.33	1.11	1.59	2.04	2.09	2.08	2.19	2.40	2.77	3.05	3.42	3.97	4.37	4.42	3.98	3.77	3.46	3.09	2.84	2.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

GOWANUS_GT2_5 24118	36.87 1.76 0.00	33.45 1.44 0.00	32.15 1.50 0.00	31.34 1.38 0.00	31.58 1.33 0.00	34.93 1.11 0.00	40.26 1.59 0.00	46.37 2.04 0.00	40.88 2.09 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.50 2.40 0.00	41.27 2.77 0.00	41.12 3.05 0.00	44.60 3.42 0.00	46.18 3.97 -0.01	52.36 4.37 0.00	60.34 4.42 0.00	67.05 3.98 0.00	69.86 3.77 0.00	66.45 3.46 0.00	55.49 3.09 0.00	49.46 2.84 0.00	40.84 2.49 0.00
GOWANUS_GT2_6 24119	36.87 1.76 0.00	33.45 1.44 0.00	32.15 1.50 0.00	31.34 1.38 0.00	31.58 1.33 0.00	34.93 1.11 0.00	40.26 1.59 0.00	46.37 2.04 0.00	40.88 2.09 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.50 2.40 0.00	41.27 2.77 0.00	41.12 3.05 0.00	44.60 3.42 0.00	46.18 3.97 -0.01	52.36 4.37 0.00	60.34 4.42 0.00	67.05 3.98 0.00	69.86 3.77 0.00	66.45 3.46 0.00	55.49 3.09 0.00	49.46 2.84 0.00	40.84 2.49 0.00
GOWANUS_GT2_7 24120	36.87 1.76 0.00	33.45 1.44 0.00	32.15 1.50 0.00	31.34 1.38 0.00	31.58 1.33 0.00	34.93 1.11 0.00	40.26 1.59 0.00	46.37 2.04 0.00	40.88 2.09 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.50 2.40 0.00	41.27 2.77 0.00	41.12 3.05 0.00	44.60 3.42 0.00	46.18 3.97 -0.01	52.36 4.37 0.00	60.34 4.42 0.00	67.05 3.98 0.00	69.86 3.77 0.00	66.45 3.46 0.00	55.49 3.09 0.00	49.46 2.84 0.00	40.84 2.49 0.00
GOWANUS_GT2_8 24121	36.87 1.76 0.00	33.45 1.44 0.00	32.15 1.50 0.00	31.34 1.38 0.00	31.58 1.33 0.00	34.93 1.11 0.00	40.26 1.59 0.00	46.37 2.04 0.00	40.88 2.09 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.50 2.40 0.00	41.27 2.77 0.00	41.12 3.05 0.00	44.60 3.42 0.00	46.18 3.97 -0.01	52.36 4.37 0.00	60.34 4.42 0.00	67.05 3.98 0.00	69.86 3.77 0.00	66.45 3.46 0.00	55.49 3.09 0.00	49.46 2.84 0.00	40.84 2.49 0.00
GOWANUS_GT3_1 24122	36.90 1.79 0.00	33.45 1.44 0.00	32.15 1.50 0.00	31.34 1.38 0.00	31.58 1.33 0.00	34.97 1.15 0.00	40.26 1.59 0.00	46.37 2.04 0.00	40.92 2.13 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.54 2.44 0.00	41.27 2.77 0.00	41.12 3.05 0.00	44.64 3.46 0.00	46.18 3.97 -0.01	52.36 4.37 0.00	60.34 4.42 0.00	67.05 3.98 0.00	69.93 3.83 0.00	66.51 3.53 0.00	55.55 3.14 0.00	49.46 2.84 0.00	40.84 2.49 0.00
GOWANUS_GT3_2 24123	36.90 1.79 0.00	33.45 1.44 0.00	32.15 1.50 0.00	31.34 1.38 0.00	31.58 1.33 0.00	34.97 1.15 0.00	40.26 1.59 0.00	46.37 2.04 0.00	40.92 2.13 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.54 2.44 0.00	41.27 2.77 0.00	41.12 3.05 0.00	44.64 3.46 0.00	46.18 3.97 -0.01	52.36 4.37 0.00	60.34 4.42 0.00	67.05 3.98 0.00	69.93 3.83 0.00	66.51 3.53 0.00	55.55 3.14 0.00	49.46 2.84 0.00	40.84 2.49 0.00
GOWANUS_GT3_3 24124	36.90 1.79 0.00	33.45 1.44 0.00	32.15 1.50 0.00	31.34 1.38 0.00	31.58 1.33 0.00	34.97 1.15 0.00	40.26 1.59 0.00	46.37 2.04 0.00	40.92 2.13 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.54 2.44 0.00	41.27 2.77 0.00	41.12 3.05 0.00	44.64 3.46 0.00	46.18 3.97 -0.01	52.36 4.37 0.00	60.34 4.42 0.00	67.05 3.98 0.00	69.93 3.83 0.00	66.51 3.53 0.00	55.55 3.14 0.00	49.46 2.84 0.00	40.84 2.49 0.00
GOWANUS_GT3_4 24125	36.90 1.79 0.00	33.45 1.44 0.00	32.15 1.50 0.00	31.34 1.38 0.00	31.58 1.33 0.00	34.97 1.15 0.00	40.26 1.59 0.00	46.37 2.04 0.00	40.92 2.13 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.54 2.44 0.00	41.27 2.77 0.00	41.12 3.05 0.00	44.64 3.46 0.00	46.18 3.97 -0.01	52.36 4.37 0.00	60.34 4.42 0.00	67.05 3.98 0.00	69.93 3.83 0.00	66.51 3.53 0.00	55.55 3.14 0.00	49.46 2.84 0.00	40.84 2.49 0.00
GOWANUS_GT3_5 24126	36.90 1.79 0.00	33.45 1.44 0.00	32.15 1.50 0.00	31.34 1.38 0.00	31.58 1.33 0.00	34.97 1.15 0.00	40.26 1.59 0.00	46.37 2.04 0.00	40.92 2.13 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.54 2.44 0.00	41.27 2.77 0.00	41.12 3.05 0.00	44.64 3.46 0.00	46.18 3.97 -0.01	52.36 4.37 0.00	60.34 4.42 0.00	67.05 3.98 0.00	69.93 3.83 0.00	66.51 3.53 0.00	55.55 3.14 0.00	49.46 2.84 0.00	40.84 2.49 0.00
GOWANUS_GT3_6 24127	36.90 1.79 0.00	33.45 1.44 0.00	32.15 1.50 0.00	31.34 1.38 0.00	31.58 1.33 0.00	34.97 1.15 0.00	40.26 1.59 0.00	46.37 2.04 0.00	40.92 2.13 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.54 2.44 0.00	41.27 2.77 0.00	41.12 3.05 0.00	44.64 3.46 0.00	46.18 3.97 -0.01	52.36 4.37 0.00	60.34 4.42 0.00	67.05 3.98 0.00	69.93 3.83 0.00	66.51 3.53 0.00	55.55 3.14 0.00	49.46 2.84 0.00	40.84 2.49 0.00
GOWANUS_GT3_7 24128	36.90 1.79 0.00	33.45 1.44 0.00	32.15 1.50 0.00	31.34 1.38 0.00	31.58 1.33 0.00	34.97 1.15 0.00	40.26 1.59 0.00	46.37 2.04 0.00	40.92 2.13 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.54 2.44 0.00	41.27 2.77 0.00	41.12 3.05 0.00	44.64 3.46 0.00	46.18 3.97 -0.01	52.36 4.37 0.00	60.34 4.42 0.00	67.05 3.98 0.00	69.93 3.83 0.00	66.51 3.53 0.00	55.55 3.14 0.00	49.46 2.84 0.00	40.84 2.49 0.00
GOWANUS_GT3_8 24129	36.90 1.79 0.00	33.45 1.44 0.00	32.15 1.50 0.00	31.34 1.38 0.00	31.58 1.33 0.00	34.97 1.15 0.00	40.26 1.59 0.00	46.37 2.04 0.00	40.92 2.13 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.54 2.44 0.00	41.27 2.77 0.00	41.12 3.05 0.00	44.64 3.46 0.00	46.18 3.97 -0.01	52.36 4.37 0.00	60.34 4.42 0.00	67.05 3.98 0.00	69.93 3.83 0.00	66.51 3.53 0.00	55.55 3.14 0.00	49.46 2.84 0.00	40.84 2.49 0.00
GOWANUS_GT4_1 24130	36.87 1.76 0.00	33.45 1.44 0.00	32.15 1.50 0.00	31.34 1.38 0.00	31.58 1.33 0.00	34.93 1.12 0.00	40.26 1.59 0.00	46.46 2.13 0.00	40.88 2.09 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.53 2.44 0.00	41.08 2.58 0.00	41.04 2.97 0.00	44.60 3.42 0.00	46.14 3.93 -0.01	52.46 4.46 0.00	60.51 4.59 0.00	67.18 4.10 0.00	70.06 3.97 0.00	66.52 3.53 0.00	55.55 3.14 0.00	49.51 2.89 0.00	40.81 2.45 0.00
GOWANUS_GT4_2 24131	36.87 1.76 0.00	33.45 1.44 0.00	32.15 1.50 0.00	31.34 1.38 0.00	31.58 1.33 0.00	34.93 1.12 0.00	40.26 1.59 0.00	46.46 2.13 0.00	40.88 2.09 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.53 2.44 0.00	41.08 2.58 0.00	41.04 2.97 0.00	44.60 3.42 0.00	46.14 3.93 -0.01	52.46 4.46 0.00	60.51 4.59 0.00	67.18 4.10 0.00	70.06 3.97 0.00	66.52 3.53 0.00	55.55 3.14 0.00	49.51 2.89 0.00	40.81 2.45 0.00
GOWANUS_GT4_3 24132	36.87 1.76 0.00	33.45 1.44 0.00	32.15 1.50 0.00	31.34 1.38 0.00	31.58 1.33 0.00	34.93 1.12 0.00	40.26 1.59 0.00	46.46 2.13 0.00	40.88 2.09 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.53 2.44 0.00	41.08 2.58 0.00	41.04 2.97 0.00	44.60 3.42 0.00	46.14 3.93 0.00	52.46 4.46 0.00	60.51 4.59 0.00	67.18 4.10 0.00	70.06 3.97 0.00	66.52 3.53 0.00	55.55 3.14 0.00	49.51 2.89 0.00	40.81 2.45 0.00

GOWANUS_GT4_4 24133	36.87 1.76 0.00	33.45 1.44 0.00	32.15 1.50 0.00	31.34 1.38 0.00	31.58 1.33 0.00	34.93 1.12 0.00	40.26 1.59 0.00	46.46 2.13 0.00	40.88 2.09 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.53 2.44 0.00	41.08 2.58 0.00	41.04 2.97 0.00	44.60 3.42 0.00	46.14 3.93 -0.01	52.46 4.46 0.00	60.51 4.59 0.00	67.18 4.10 0.00	70.06 3.97 0.00	66.52 3.53 0.00	55.55 3.14 0.00	49.51 2.89 0.00	40.81 2.45 0.00
GOWANUS_GT4_5 24134	36.87 1.76 0.00	33.45 1.44 0.00	32.15 1.50 0.00	31.34 1.38 0.00	31.58 1.33 0.00	34.93 1.12 0.00	40.26 1.59 0.00	46.46 2.13 0.00	40.88 2.09 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.53 2.44 0.00	41.08 2.58 0.00	41.04 2.97 0.00	44.60 3.42 0.00	46.14 3.93 -0.01	52.46 4.46 0.00	60.51 4.59 0.00	67.18 4.10 0.00	70.06 3.97 0.00	66.52 3.53 0.00	55.55 3.14 0.00	49.51 2.89 0.00	40.81 2.45 0.00
GOWANUS_GT4_6 24135	36.87 1.76 0.00	33.45 1.44 0.00	32.15 1.50 0.00	31.34 1.38 0.00	31.58 1.33 0.00	34.93 1.12 0.00	40.26 1.59 0.00	46.46 2.13 0.00	40.88 2.09 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.53 2.44 0.00	41.08 2.58 0.00	41.04 2.97 0.00	44.60 3.42 0.00	46.14 3.93 -0.01	52.46 4.46 0.00	60.51 4.59 0.00	67.18 4.10 0.00	70.06 3.97 0.00	66.52 3.53 0.00	55.55 3.14 0.00	49.51 2.89 0.00	40.81 2.45 0.00
GOWANUS_GT4_7 24136	36.87 1.76 0.00	33.45 1.44 0.00	32.15 1.50 0.00	31.34 1.38 0.00	31.58 1.33 0.00	34.93 1.12 0.00	40.26 1.59 0.00	46.46 2.13 0.00	40.88 2.09 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.53 2.44 0.00	41.08 2.58 0.00	41.04 2.97 0.00	44.60 3.42 0.00	46.14 3.93 -0.01	52.46 4.46 0.00	60.51 4.59 0.00	67.18 4.10 0.00	70.06 3.97 0.00	66.52 3.53 0.00	55.55 3.14 0.00	49.51 2.89 0.00	40.81 2.45 0.00
GOWANUS_GT4_8 24137	36.87 1.76 0.00	33.45 1.44 0.00	32.15 1.50 0.00	31.34 1.38 0.00	31.58 1.33 0.00	34.93 1.12 0.00	40.26 1.59 0.00	46.46 2.13 0.00	40.88 2.09 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.53 2.44 0.00	41.08 2.58 0.00	41.04 2.97 0.00	44.60 3.42 0.00	46.14 3.93 -0.01	52.46 4.46 0.00	60.51 4.59 0.00	67.18 4.10 0.00	70.06 3.97 0.00	66.52 3.53 0.00	55.55 3.14 0.00	49.51 2.89 0.00	40.81 2.45 0.00
GREENBSH_115KV_TB3 55895	35.96 0.84 0.00	32.75 0.74 0.00	31.39 0.74 0.00	30.65 0.69 0.00	30.92 0.67 0.00	34.53 0.71 0.00	39.41 0.73 0.00	45.17 0.84 0.00	39.29 0.50 0.00	36.32 0.50 0.00	37.10 0.55 0.00	38.71 0.61 0.00	39.04 0.54 0.00	38.87 0.80 0.00	42.00 0.82 0.00	43.01 0.80 0.00	48.81 0.82 0.00	56.93 1.01 0.00	64.15 1.07 0.00	67.29 1.19 0.00	64.25 1.26 0.00	53.50 1.10 0.00	47.64 1.03 0.00	39.39 1.04 0.00
GREENDGE_115KV_TB5 80291	37.59 0.18 -2.30	37.18 0.03 -5.14	34.05 -0.06 -3.46	32.29 0.06 -2.27	33.50 0.18 -3.07	44.92 0.37 -10.73	59.11 0.50 -19.94	65.30 0.53 -20.44	51.00 0.47 -11.74	41.82 0.21 -5.78	44.78 0.11 -8.12	51.85 0.08 -13.68	53.70 0.15 -15.04	49.52 -0.08 -11.53	57.83 0.04 -16.61	56.20 0.00 -13.99	66.68 0.14 -18.55	77.78 0.78 -21.07	83.21 1.58 -18.56	81.00 1.98 -12.92	73.54 1.83 -8.72	57.11 0.63 -4.08	47.80 0.00 -1.18	38.72 -0.38 -0.75
GREENIDGE___3 23582	37.59 0.18 -2.30	37.18 0.03 -5.14	34.05 -0.06 -3.46	32.29 0.06 -2.27	33.50 0.18 -3.07	44.92 0.37 -10.73	59.11 0.50 -19.94	65.30 0.53 -20.44	51.00 0.47 -11.74	41.82 0.21 -5.78	44.78 0.11 -8.12	51.85 0.08 -13.68	53.70 0.15 -15.04	49.52 -0.08 -11.53	57.83 0.04 -16.61	56.20 0.00 -13.99	66.68 0.14 -18.55	77.78 0.78 -21.07	83.21 1.58 -18.56	81.00 1.98 -12.92	73.54 1.83 -8.72	57.11 0.63 -4.08	47.80 0.00 -1.18	38.72 -0.38 -0.75
GREENIDGE___4 23583	37.59 0.18 -2.30	37.18 0.03 -5.14	34.05 -0.06 -3.46	32.26 0.03 -2.27	33.50 0.18 -3.07	44.92 0.37 -10.73	59.11 0.50 -19.94	65.30 0.53 -20.44	51.00 0.47 -11.74	41.82 0.22 -5.78	44.78 0.11 -8.12	51.85 0.08 -13.68	53.66 0.12 -15.04	49.52 -0.08 -11.53	57.83 0.04 -16.61	56.20 0.00 -13.99	66.68 0.14 -18.55	77.73 0.73 -21.07	83.15 1.51 -18.56	81.00 1.98 -12.92	73.54 1.83 -8.72	57.22 0.73 -4.08	47.75 -0.05 -1.18	38.72 -0.38 -0.75
GREENLWN_69_KV_BK 3 55738	37.64 2.53 0.00	33.87 1.86 0.00	32.55 1.90 0.00	31.70 1.74 0.00	32.01 1.75 0.00	35.88 2.06 0.00	40.91 2.24 0.00	47.17 2.84 0.00	41.12 2.33 0.00	38.47 2.65 0.00	40.70 2.63 -1.52	40.92 2.82 0.00	41.16 2.66 0.00	41.38 3.31 0.00	44.80 3.62 0.00	49.28 3.93 -3.14	52.41 4.42 0.00	60.68 4.75 0.01	67.11 4.04 0.00	69.92 3.83 0.00	66.01 3.02 0.00	54.97 2.57 0.00	50.16 3.54 0.00	41.50 3.14 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	36.91 1.79 0.00	33.45 1.44 0.00	32.15 1.50 0.00	31.34 1.38 0.00	31.58 1.33 0.00	34.97 1.15 0.00	40.26 1.59 0.00	46.46 2.13 0.00	40.92 2.13 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.57 2.48 0.00	41.08 2.58 0.00	41.08 3.01 0.00	44.64 3.46 0.00	46.19 3.97 -0.01	52.50 4.51 0.00	60.51 4.59 0.00	67.18 4.10 0.00	70.06 3.97 0.00	66.52 3.53 0.00	55.55 3.14 0.00	49.56 2.94 0.00	40.81 2.45 0.00
GRISSOM___SOLAR 323813	37.22 2.11 0.00	33.90 1.89 0.00	32.43 1.78 0.00	31.70 1.74 0.00	32.00 1.75 0.00	35.88 2.06 0.00	40.64 1.97 0.00	46.33 2.00 0.00	39.92 1.13 0.00	36.64 0.82 0.00	37.25 0.69 0.00	38.70 0.61 0.00	39.08 0.58 0.00	38.64 0.57 0.00	41.63 0.45 0.00	42.80 0.59 0.00	48.90 0.91 0.00	57.88 1.96 0.00	66.42 3.34 0.00	70.72 4.63 0.00	67.58 4.60 0.00	56.18 3.78 0.00	49.88 3.26 0.00	40.96 2.61 0.00
GROVEVILLE___HYD 323602	36.98 1.86 0.00	33.55 1.54 0.00	32.21 1.56 0.00	31.40 1.44 0.00	31.64 1.39 0.00	35.27 1.45 0.00	40.49 1.82 0.00	46.50 2.17 0.00	40.77 1.98 0.00	37.65 1.83 0.00	38.49 1.94 0.00	40.23 2.13 0.00	40.66 2.16 0.00	40.66 2.59 0.00	44.10 2.92 0.00	45.38 3.17 0.00	51.69 3.70 0.00	60.12 4.19 0.00	67.30 4.23 0.00	70.33 4.23 0.00	66.96 3.97 0.00	55.49 3.09 0.00	49.56 2.94 0.00	40.77 2.42 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	34.80 -0.32 0.00	31.66 -0.35 0.00	30.28 -0.37 0.00	29.63 -0.33 0.00	29.98 -0.27 0.00	33.55 -0.27 0.00	38.36 -0.31 0.00	43.93 -0.40 0.00	38.52 -0.27 0.00	35.53 -0.29 0.00	36.22 -0.33 0.00	37.72 -0.38 0.00	38.15 -0.35 0.00	37.50 -0.57 0.00	40.56 -0.62 0.00	41.58 -0.63 0.00	47.27 -0.72 0.00	55.31 -0.62 0.00	62.57 -0.50 0.00	65.70 -0.40 0.00	62.61 -0.38 0.00	51.98 -0.42 0.00	46.01 -0.61 0.00	37.74 -0.61 0.00
HAMLTNNY_34_KV_TB 80303	34.73 -0.39 0.00	31.59 -0.42 0.00	30.19 -0.46 0.00	29.57 -0.39 0.00	29.92 -0.33 0.00	33.51 -0.30 0.00	38.32 -0.35 0.00	43.84 -0.49 0.00	38.48 -0.31 0.00	35.50 -0.32 0.00	36.19 -0.37 0.00	37.64 -0.46 0.00	38.11 -0.39 0.00	37.46 -0.61 0.00	40.52 -0.66 0.00	41.53 -0.68 0.00	47.18 -0.82 0.00	55.26 -0.67 0.00	62.64 -0.44 0.00	65.76 -0.33 0.00	62.61 -0.38 0.00	51.93 -0.47 0.00	45.97 -0.65 0.00	37.66 -0.69 0.00

HAMPSHIRE___PAPER_HYD 323593	35.12 0.00 0.00	31.98 -0.03 0.00	30.56 -0.09 0.00	29.81 -0.15 0.00	30.01 -0.24 0.00	33.65 -0.17 0.00	38.40 -0.27 0.00	44.15 -0.18 0.00	38.48 -0.31 0.00	35.43 -0.39 0.00	35.97 -0.59 0.00	37.53 -0.57 0.00	37.69 -0.81 0.00	37.23 -0.84 0.00	40.11 -1.07 0.00	41.11 -1.10 0.00	46.79 -1.20 0.00	54.70 -1.23 0.00	62.38 -0.69 0.00	65.50 -0.60 0.00	62.36 -0.63 0.00	51.93 -0.47 0.00	46.39 -0.23 0.00	38.01 -0.35 0.00
HARDSCRABBLE_WT_PWR 323673	35.47 0.35 0.00	32.27 0.25 0.00	30.87 0.22 0.00	30.11 0.15 0.00	30.37 0.12 0.00	33.99 0.17 0.00	38.86 0.19 0.00	44.60 0.27 0.00	38.98 0.19 0.00	36.04 0.22 0.00	36.74 0.18 0.00	38.33 0.23 0.00	38.69 0.19 0.00	38.26 0.19 0.00	41.35 0.17 0.00	42.42 0.21 0.00	48.23 0.24 0.00	56.26 0.34 0.00	63.52 0.44 0.00	66.56 0.47 0.00	63.37 0.38 0.00	52.61 0.21 0.00	46.85 0.23 0.00	38.47 0.12 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	36.66 1.55 0.00	33.26 1.25 0.00	31.94 1.29 0.00	31.16 1.20 0.00	31.40 1.15 0.00	34.97 1.15 0.00	40.14 1.47 0.00	46.15 1.82 0.00	40.50 1.71 0.00	37.40 1.58 0.00	38.27 1.72 0.00	40.00 1.90 0.00	40.42 1.92 0.00	40.35 2.28 0.00	43.77 2.59 0.00	45.08 2.87 0.00	51.40 3.41 0.00	59.73 3.80 0.00	66.74 3.66 0.00	69.73 3.64 0.00	66.33 3.34 0.00	55.02 2.62 0.00	49.09 2.47 0.00	40.42 2.07 0.00
HARSNRAD_115KV_TB1 81005	30.23 -3.79 1.09	26.02 -3.55 2.43	25.58 -3.43 1.64	25.68 -3.21 1.08	25.62 -3.18 1.46	25.37 -3.38 5.07	25.43 -3.83 9.41	30.69 -3.99 9.65	30.37 -2.87 5.55	30.32 -2.76 2.74	29.83 -2.89 3.84	28.43 -3.20 6.46	28.20 -3.20 7.11	29.17 -3.46 5.43	28.70 -3.79 8.69	30.52 -4.05 7.64	32.34 -4.90 10.76	37.41 -5.48 13.03	44.53 -5.93 12.61	49.99 -6.21 9.89	48.95 -6.24 7.80	42.22 -5.71 4.47	38.47 -5.73 2.41	33.12 -4.87 0.36
HARZA MOOSE___RIVER 24016	35.75 0.63 0.00	32.46 0.45 0.00	31.02 0.37 0.00	30.23 0.27 0.00	30.40 0.15 0.00	34.05 0.24 0.00	38.86 0.19 0.00	44.73 0.40 0.00	38.94 0.16 0.00	35.89 0.07 0.00	36.44 -0.11 0.00	38.02 -0.08 0.00	38.31 -0.19 0.00	37.88 -0.19 0.00	40.93 -0.25 0.00	42.00 -0.21 0.00	47.75 -0.24 0.00	56.09 0.17 0.00	63.83 0.76 0.00	67.02 0.93 0.00	63.68 0.69 0.00	52.98 0.58 0.00	47.18 0.56 0.00	38.51 0.15 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	34.59 -0.53 0.00	31.47 -0.54 0.00	30.07 -0.58 0.00	29.45 -0.51 0.00	29.77 -0.48 0.00	33.31 -0.51 0.00	38.13 -0.54 0.00	43.66 -0.66 0.00	38.29 -0.50 0.00	35.35 -0.47 0.00	36.08 -0.48 0.00	37.52 -0.57 0.00	37.96 -0.54 0.00	37.31 -0.76 0.00	40.03 -0.82 0.32	41.02 -0.80 0.38	46.29 -0.96 0.74	53.84 -0.95 1.14	60.73 -0.88 1.47	63.85 -0.86 1.39	60.80 -0.82 1.37	50.69 -0.79 0.93	45.06 -0.89 0.68	37.51 -0.84 0.00
HELLGATE_13_KV_LD 55870	37.01 1.90 0.00	33.61 1.60 0.00	32.34 1.69 0.00	31.52 1.56 0.00	31.76 1.51 0.00	35.14 1.32 0.00	40.49 1.82 0.00	46.68 2.35 0.00	41.12 2.33 0.00	38.11 2.29 0.00	38.93 2.38 0.00	40.72 2.63 0.00	41.23 2.73 0.00	41.19 3.12 0.00	44.72 3.54 0.00	46.23 4.01 -0.01	52.55 4.56 0.00	60.68 4.75 0.00	67.43 4.35 0.00	70.39 4.30 0.00	66.83 3.84 0.00	55.65 3.25 0.00	49.70 3.08 0.00	40.92 2.57 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	37.01 1.90 0.00	33.61 1.60 0.00	32.34 1.69 0.00	31.52 1.56 0.00	31.76 1.51 0.00	35.14 1.32 0.00	40.49 1.82 0.00	46.68 2.35 0.00	41.12 2.33 0.00	38.11 2.29 0.00	38.93 2.38 0.00	40.72 2.63 0.00	41.23 2.73 0.00	41.19 3.12 0.00	44.72 3.54 0.00	46.23 4.01 -0.01	52.55 4.56 0.00	60.68 4.75 0.00	67.43 4.35 0.00	70.39 4.30 0.00	66.83 3.84 0.00	55.65 3.25 0.00	49.70 3.08 0.00	40.92 2.57 0.00
HEMPSTEAD___ 23647	37.44 2.32 -0.01	33.74 1.73 0.00	32.43 1.78 0.00	31.58 1.62 0.00	31.88 1.63 0.00	35.64 1.82 0.00	40.76 2.09 0.00	46.85 2.53 0.00	41.16 2.37 0.00	38.40 2.58 0.00	40.66 2.60 -1.52	40.88 2.78 0.00	41.42 2.92 0.00	41.43 3.35 -0.01	44.84 3.66 0.00	49.28 3.93 -3.14	52.41 4.41 0.00	60.80 4.86 -0.01	67.06 3.98 -0.01	70.07 3.97 -0.01	66.39 3.40 0.00	55.18 2.78 0.00	49.93 3.31 0.00	41.31 2.95 0.00
HICKLING___1 23621	35.74 -0.32 -0.94	33.73 -0.38 -2.10	31.64 -0.43 -1.41	30.56 -0.33 -0.93	31.26 -0.24 -1.25	38.10 -0.10 -4.39	46.75 -0.08 -8.15	52.64 -0.04 -8.36	43.63 0.04 -4.80	38.11 -0.07 -2.37	39.73 -0.15 -3.32	43.54 -0.15 -5.59	44.54 -0.12 -6.15	42.55 -0.27 -4.74	47.67 -0.16 -6.66	47.49 -0.25 -5.53	55.00 -0.19 -7.20	64.17 0.22 -8.02	70.60 0.63 -6.90	71.54 0.93 -4.52	66.58 0.76 -2.84	53.75 0.21 -1.14	46.34 -0.37 -0.09	38.04 -0.61 -0.31
HICKLING___2 23622	35.74 -0.32 -0.94	33.73 -0.38 -2.10	31.64 -0.43 -1.41	30.56 -0.33 -0.93	31.26 -0.24 -1.25	38.10 -0.10 -4.39	46.75 -0.08 -8.15	52.64 -0.04 -8.36	43.63 0.04 -4.80	38.11 -0.07 -2.37	39.73 -0.15 -3.32	43.54 -0.15 -5.59	44.54 -0.12 -6.15	42.55 -0.27 -4.74	47.67 -0.16 -6.66	47.49 -0.25 -5.53	55.00 -0.19 -7.20	64.17 0.22 -8.02	70.60 0.63 -6.90	71.54 0.93 -4.52	66.58 0.76 -2.84	53.75 0.21 -1.14	46.34 -0.37 -0.09	38.04 -0.61 -0.31
HIGH FALLS___HY 23754	37.12 2.00 0.00	33.64 1.63 0.00	32.31 1.66 0.00	31.49 1.53 0.00	31.70 1.45 0.00	35.34 1.52 0.00	40.60 1.93 0.00	46.68 2.35 0.00	40.96 2.17 0.00	37.83 2.01 0.00	38.64 2.08 0.00	40.42 2.32 0.00	40.81 2.78 0.00	40.85 3.21 0.00	44.39 3.21 0.00	45.76 3.55 0.00	52.22 4.22 0.00	60.79 4.87 0.00	68.12 5.05 0.00	71.12 5.02 0.00	67.71 4.72 0.00	55.91 3.51 0.00	49.93 3.31 0.00	40.96 2.61 0.00
HIGH_RIVER___SOLAR 323847	36.66 1.54 0.00	33.39 1.38 0.00	31.97 1.32 0.00	31.22 1.26 0.00	31.55 1.30 0.00	35.27 1.45 0.00	40.14 1.47 0.00	45.79 1.46 0.00	39.61 0.82 0.00	36.47 0.65 0.00	37.21 0.66 0.00	38.67 0.57 0.00	39.11 0.61 0.00	38.75 0.69 0.00	41.80 0.62 0.00	42.88 0.67 0.00	49.00 1.01 0.00	57.72 1.79 0.00	65.66 2.59 0.00	69.40 3.30 0.00	66.20 3.21 0.00	55.02 2.62 0.00	48.95 2.33 0.00	40.23 1.88 0.00
HILLBURN___GT 23639	36.62 1.51 0.00	33.26 1.25 0.00	31.94 1.29 0.00	31.16 1.20 0.00	31.40 1.15 0.00	34.97 1.15 0.00	40.14 1.47 0.00	46.15 1.82 0.00	40.54 1.75 0.00	37.50 1.68 0.00	38.34 1.79 0.00	40.08 1.98 0.00	40.73 2.23 0.00	40.51 2.44 0.00	43.90 2.72 0.00	45.21 3.00 0.00	51.49 3.50 0.00	59.73 3.80 0.00	66.61 3.53 0.00	69.53 3.43 0.00	66.20 3.21 0.00	54.97 2.57 0.00	49.04 2.42 0.00	40.42 2.07 0.00
HILLSIDE_115KV_TB1 80332	35.35 -0.53 -0.76	33.17 -0.54 -1.70	31.21 -0.58 -1.14	30.23 -0.48 -0.75	30.84 -0.42 -1.01	37.03 -0.34 -3.55	44.92 -0.35 -6.60	50.74 -0.35 -6.76	42.44 -0.23 -3.89	37.45 -0.29 -1.91	38.87 -0.37 -2.69	42.28 -0.34 -4.52	43.13 -0.35 -4.98	41.45 -0.46 -3.84	46.17 -0.37 -5.36	46.23 -0.42 -4.44	53.32 -0.43 -5.76	62.13 -0.17 -6.38	68.58 0.06 -5.44	69.80 0.20 -3.51	65.27 0.13 -2.16	52.91 -0.31 -0.83	45.92 -0.70 0.00	37.79 -0.81 -0.25

HISHELDN_WT_PWR 323625	29.13 -2.84 3.14	22.27 -2.72 7.02	23.29 -2.64 4.73	24.40 -2.46 3.10	23.64 -2.42 4.19	16.63 -2.54 14.65	8.54 -2.90 27.23	13.26 -3.15 27.92	20.38 -2.37 16.04	25.63 -2.29 7.90	23.01 -2.45 11.09	16.79 -2.63 18.68	15.26 -2.70 20.55	19.71 -2.82 15.54	14.87 -2.97 23.34	18.97 -3.21 20.03	17.04 -3.69 27.26	20.30 -3.80 31.82	30.96 -3.85 28.26	40.63 -3.84 21.63	43.65 -3.91 15.43	40.60 -3.46 8.34	39.00 -3.96 3.66	33.68 -3.64 1.02
HOLTSVILLE_IC_1 23690	37.97 2.84 -0.01	34.09 2.08 0.00	32.80 2.14 0.00	31.97 2.01 0.00	32.28 2.03 0.00	36.22 2.40 0.00	41.26 2.59 0.00	47.30 2.97 0.00	41.54 2.75 0.00	38.97 3.15 0.00	41.07 3.00 -1.52	41.22 3.12 0.00	41.54 3.04 0.00	41.62 3.54 -0.01	45.01 3.83 0.00	49.49 4.14 -3.14	52.70 4.71 0.00	60.73 4.81 0.00	66.92 3.85 0.01	69.86 3.77 0.01	66.14 3.15 0.00	55.02 2.62 0.00	50.26 3.64 0.00	41.73 3.38 0.00
HOLTSVILLE_IC_10 23699	38.14 3.02 -0.01	34.25 2.24 0.00	32.95 2.30 0.00	32.09 2.13 0.00	32.43 2.18 0.00	36.39 2.57 0.00	41.46 2.79 0.00	47.52 3.19 0.00	41.78 2.99 0.00	39.22 3.40 0.00	41.32 3.25 -1.52	41.45 3.35 0.00	41.77 3.27 0.00	41.88 3.81 -0.01	45.26 4.08 0.00	49.82 4.47 -3.14	53.03 5.04 0.00	61.18 5.26 0.00	67.36 4.29 0.00	70.32 4.23 0.00	66.58 3.59 0.00	55.33 2.93 0.00	50.54 3.92 0.00	41.96 3.60 0.00
HOLTSVILLE_IC_2 23691	37.97 2.84 -0.01	34.09 2.08 0.00	32.80 2.14 0.00	31.97 2.01 0.00	32.28 2.03 0.00	36.22 2.40 0.00	41.26 2.59 0.00	47.30 2.97 0.00	41.54 2.75 0.00	38.97 3.15 0.00	41.07 3.00 -1.52	41.22 3.12 0.00	41.54 3.04 0.00	41.62 3.54 -0.01	45.01 3.83 0.00	49.49 4.14 -3.14	52.70 4.71 0.00	60.73 4.81 0.00	66.92 3.85 0.01	69.86 3.77 0.01	66.14 3.15 0.00	55.02 2.62 0.00	50.26 3.64 0.00	41.73 3.38 0.00
HOLTSVILLE_IC_3 23692	37.97 2.84 -0.01	34.09 2.08 0.00	32.80 2.14 0.00	31.97 2.01 0.00	32.28 2.03 0.00	36.22 2.40 0.00	41.26 2.59 0.00	47.30 2.97 0.00	41.54 2.75 0.00	38.97 3.15 0.00	41.07 3.00 -1.52	41.22 3.12 0.00	41.54 3.04 0.00	41.62 3.54 -0.01	45.01 3.83 0.00	49.49 4.14 -3.14	52.70 4.71 0.00	60.73 4.81 0.00	66.92 3.85 0.01	69.86 3.77 0.01	66.14 3.15 0.00	55.02 2.62 0.00	50.26 3.64 0.00	41.73 3.38 0.00
HOLTSVILLE_IC_4 23693	37.97 2.84 -0.01	34.09 2.08 0.00	32.80 2.14 0.00	31.97 2.01 0.00	32.28 2.03 0.00	36.22 2.40 0.00	41.26 2.59 0.00	47.30 2.97 0.00	41.54 2.75 0.00	38.97 3.15 0.00	41.07 3.00 -1.52	41.22 3.12 0.00	41.54 3.04 0.00	41.62 3.54 -0.01	45.01 3.83 0.00	49.49 4.14 -3.14	52.70 4.71 0.00	60.73 4.81 0.00	66.92 3.85 0.01	69.86 3.77 0.01	66.14 3.15 0.00	55.02 2.62 0.00	50.26 3.64 0.00	41.73 3.38 0.00
HOLTSVILLE_IC_5 23694	37.97 2.84 -0.01	34.09 2.08 0.00	32.80 2.14 0.00	31.97 2.01 0.00	32.28 2.03 0.00	36.22 2.40 0.00	41.26 2.59 0.00	47.30 2.97 0.00	41.54 2.75 0.00	38.97 3.15 0.00	41.07 3.00 -1.52	41.22 3.12 0.00	41.54 3.04 0.00	41.62 3.54 -0.01	45.01 3.83 0.00	49.49 4.14 -3.14	52.70 4.71 0.00	60.73 4.81 0.00	66.92 3.85 0.01	69.86 3.77 0.01	66.14 3.15 0.00	55.02 2.62 0.00	50.26 3.64 0.00	41.73 3.38 0.00
HOLTSVILLE_IC_6 23695	38.14 3.02 -0.01	34.25 2.24 0.00	32.95 2.30 0.00	32.09 2.13 0.00	32.43 2.18 0.00	36.39 2.57 0.00	41.46 2.79 0.00	47.52 3.19 0.00	41.78 2.99 0.00	39.22 3.40 0.00	41.32 3.25 -1.52	41.45 3.35 0.00	41.77 3.27 0.00	41.88 3.81 -0.01	45.26 4.08 0.00	49.82 4.47 -3.14	53.03 5.04 0.00	61.18 5.26 0.00	67.36 4.29 0.00	70.32 4.23 0.00	66.58 3.59 0.00	55.33 2.93 0.00	50.54 3.92 0.00	41.96 3.60 0.00
HOLTSVILLE_IC_7 23696	38.14 3.02 -0.01	34.25 2.24 0.00	32.95 2.30 0.00	32.09 2.13 0.00	32.43 2.18 0.00	36.39 2.57 0.00	41.46 2.79 0.00	47.52 3.19 0.00	41.78 2.99 0.00	39.22 3.40 0.00	41.32 3.25 -1.52	41.45 3.35 0.00	41.77 3.27 0.00	41.88 3.81 -0.01	45.26 4.08 0.00	49.82 4.47 -3.14	53.03 5.04 0.00	61.18 5.26 0.00	67.36 4.29 0.00	70.32 4.23 0.00	66.58 3.59 0.00	55.33 2.93 0.00	50.54 3.92 0.00	41.96 3.60 0.00
HOLTSVILLE_IC_8 23697	38.14 3.02 -0.01	34.25 2.24 0.00	32.95 2.30 0.00	32.09 2.13 0.00	32.43 2.18 0.00	36.39 2.57 0.00	41.46 2.79 0.00	47.52 3.19 0.00	41.78 2.99 0.00	39.22 3.40 0.00	41.32 3.25 -1.52	41.45 3.35 0.00	41.77 3.27 0.00	41.88 3.81 -0.01	45.26 4.08 0.00	49.82 4.47 -3.14	53.03 5.04 0.00	61.18 5.26 0.00	67.36 4.29 0.00	70.32 4.23 0.00	66.58 3.59 0.00	55.33 2.93 0.00	50.54 3.92 0.00	41.96 3.60 0.00
HOLTSVILLE_IC_9 23698	38.14 3.02 -0.01	34.25 2.24 0.00	32.95 2.30 0.00	32.09 2.13 0.00	32.43 2.18 0.00	36.39 2.57 0.00	41.46 2.79 0.00	47.52 3.19 0.00	41.78 2.99 0.00	39.22 3.40 0.00	41.32 3.25 -1.52	41.45 3.35 0.00	41.77 3.27 0.00	41.88 3.81 -0.01	45.26 4.08 0.00	49.82 4.47 -3.14	53.03 5.04 0.00	61.18 5.26 0.00	67.36 4.29 0.00	70.32 4.23 0.00	66.58 3.59 0.00	55.33 2.93 0.00	50.54 3.92 0.00	41.96 3.60 0.00
HOMER_HL_115KV_TB2 355744	32.08 -1.83 1.21	27.56 -1.76 2.69	27.12 -1.72 1.81	27.21 -1.56 1.19	27.10 -1.54 1.61	26.64 -1.56 5.62	26.57 -1.66 10.44	32.03 -1.60 10.70	31.67 -0.97 6.15	31.86 -0.93 3.03	31.28 -1.02 4.25	29.87 -1.07 7.16	29.55 -1.08 7.88	30.99 -1.22 5.86	30.76 -1.15 9.27	32.87 -1.27 8.07	35.23 -1.49 11.27	41.09 -1.34 13.49	50.49 -1.39 11.20	54.63 -1.45 10.01	54.09 -1.76 7.13	45.96 -2.04 4.40	41.81 -2.52 2.29	35.58 -2.38 0.39
HOWARD_WT_PWR 323690	38.68 -1.23 -4.79	41.41 -1.31 -10.71	36.54 -1.32 -7.21	33.53 -1.17 -4.73	35.61 -1.03 -6.39	55.29 -0.88 -22.35	79.28 -0.93 -41.54	85.85 -1.06 -42.59	62.29 -0.97 -24.47	46.72 -1.15 -12.05	52.15 -1.31 -16.92	65.11 -1.49 -28.50	68.34 -1.50 -31.34	60.34 -1.71 -23.98	74.10 -1.77 -34.69	69.45 -2.03 -29.27	84.78 -2.11 -38.90	98.50 -1.73 -44.31	101.13 -1.07 -39.13	92.95 -0.60 -27.45	80.96 -0.69 -18.67	60.12 -1.15 -8.87	47.29 -2.05 -2.72	37.73 -2.18 -1.56
HQ_GEN_CEDARS 23644	34.87 -0.25 0.00	31.91 -0.10 0.00	30.53 -0.12 0.00	29.84 -0.12 0.00	30.13 -0.12 0.00	33.78 -0.03 0.00	38.59 -0.08 0.00	44.24 -0.09 0.00	38.67 -0.12 0.00	35.71 -0.11 0.00	36.41 -0.15 0.00	37.94 -0.15 0.00	38.31 -0.19 0.00	37.84 -0.23 0.00	40.89 -0.29 0.00	41.87 -0.34 0.00	47.61 -0.38 0.00	55.20 -0.73 0.00	62.57 -0.50 0.00	65.63 -0.46 0.00	62.55 -0.44 0.00	52.14 -0.26 0.00	46.57 -0.05 0.00	38.28 -0.08 0.00
HQ_GEN_CEDARS_PROXY 323590	34.87 -0.24 0.00	31.92 -0.10 0.00	30.53 -0.12 0.00	29.87 -0.09 0.00	30.13 -0.12 0.00	33.78 -0.03 0.00	38.59 -0.08 0.00	44.24 -0.09 0.00	38.67 -0.12 0.00	35.71 -0.11 0.00	36.41 -0.15 0.00	37.94 -0.15 0.00	38.35 -0.15 0.00	37.84 -0.23 0.00	40.89 -0.29 0.00	41.87 -0.34 0.00	47.61 -0.39 0.00	55.20 -0.73 0.00	62.57 -0.51 0.00	65.64 -0.46 0.00	62.55 -0.44 0.00	53.04 -0.31 -0.95	45.57 -0.09 0.95	38.28 -0.08 0.00

HQ_GEN_CHPE_PROXY 323851	36.87 1.76 0.00	33.45 1.44 0.00	32.18 1.53 0.00	31.37 1.41 0.00	31.64 1.39 0.00	35.10 1.28 0.00	40.41 1.74 0.00	46.50 2.17 0.00	40.96 2.17 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.50 2.40 0.00	41.19 2.69 0.00	41.04 2.97 0.00	44.43 3.25 0.00	45.89 3.67 -0.01	52.07 4.08 0.00	60.29 4.37 0.00	67.17 4.10 0.00	70.13 4.03 0.00	66.70 3.72 0.00	56.39 3.04 -0.95	48.56 2.89 0.95	40.84 2.49 0.00
HQ_GEN_IMPORT 323601	34.98 -0.14 0.00	31.95 -0.06 0.00	30.59 -0.06 0.00	29.90 -0.06 0.00	30.19 -0.06 0.00	33.78 -0.03 0.00	38.63 -0.04 0.00	44.28 -0.04 0.00	38.75 -0.04 0.00	35.78 -0.04 0.00	36.52 -0.04 0.00	38.06 -0.04 0.00	38.46 -0.04 0.00	38.03 -0.04 0.00	41.10 -0.08 0.00	42.13 -0.08 0.00	47.90 -0.10 0.00	55.76 -0.17 0.00	62.95 -0.13 0.00	65.96 -0.13 0.00	62.86 -0.13 0.00	53.30 -0.05 -0.95	45.62 -0.05 0.95	38.31 -0.04 0.00
HQ_GEN_WHEEL 23651	34.98 -0.14 0.00	31.95 -0.06 0.00	30.59 -0.06 0.00	29.90 -0.06 0.00	30.19 -0.06 0.00	33.78 -0.03 0.00	38.63 -0.04 0.00	44.28 -0.04 0.00	38.75 -0.04 0.00	35.78 -0.04 0.00	36.52 -0.04 0.00	38.06 -0.04 0.00	38.46 -0.04 0.00	38.03 -0.04 0.00	41.10 -0.08 0.00	42.13 -0.08 0.00	47.90 -0.10 0.00	55.76 -0.17 0.00	62.95 -0.13 0.00	65.96 -0.13 0.00	62.86 -0.13 0.00	53.30 -0.05 -0.95	45.62 -0.05 0.95	38.31 -0.04 0.00
HUDSON_AVE_GT_3 23810	36.91 1.79 0.00	33.52 1.50 0.00	32.21 1.56 0.00	31.40 1.44 0.00	31.67 1.42 0.00	35.17 1.35 0.00	40.49 1.82 0.00	46.68 2.35 0.00	41.04 2.25 0.00	38.00 2.19 0.00	38.86 2.30 0.00	40.65 2.55 0.00	41.12 2.62 0.00	41.08 3.01 0.00	44.56 3.38 0.00	46.02 3.80 -0.01	52.36 4.37 0.00	60.62 4.70 0.00	67.49 4.42 0.00	70.46 4.36 0.00	66.89 3.91 0.00	55.60 3.20 0.00	49.70 3.08 0.00	40.88 2.53 0.00
HUDSON_AVE_GT_4 23540	36.91 1.79 0.00	33.52 1.50 0.00	32.21 1.56 0.00	31.40 1.44 0.00	31.67 1.42 0.00	35.17 1.35 0.00	40.49 1.82 0.00	46.68 2.35 0.00	41.04 2.25 0.00	38.00 2.19 0.00	38.86 2.30 0.00	40.65 2.55 0.00	41.12 2.62 0.00	41.08 3.01 0.00	44.56 3.38 0.00	46.02 3.80 -0.01	52.36 4.37 0.00	60.62 4.70 0.00	67.49 4.42 0.00	70.46 4.36 0.00	66.89 3.91 0.00	55.60 3.20 0.00	49.70 3.08 0.00	40.88 2.53 0.00
HUDSON_AVE_GT_5 23657	36.91 1.79 0.00	33.52 1.50 0.00	32.21 1.56 0.00	31.40 1.44 0.00	31.67 1.42 0.00	35.17 1.35 0.00	40.49 1.82 0.00	46.68 2.35 0.00	41.04 2.25 0.00	38.00 2.19 0.00	38.86 2.30 0.00	40.65 2.55 0.00	41.12 2.62 0.00	41.08 3.01 0.00	44.56 3.38 0.00	46.02 3.80 -0.01	52.36 4.37 0.00	60.62 4.70 0.00	67.49 4.42 0.00	70.46 4.36 0.00	66.89 3.91 0.00	55.60 3.20 0.00	49.70 3.08 0.00	40.88 2.53 0.00
HUDSON_AVE_10 24168	36.80 1.69 0.00	33.39 1.38 0.00	32.09 1.44 0.00	31.28 1.32 0.00	31.55 1.30 0.00	35.03 1.22 0.00	40.37 1.70 0.00	46.55 2.22 0.00	40.92 2.13 0.00	37.90 2.08 0.00	38.67 2.12 0.00	40.46 2.36 0.00	40.96 2.46 0.00	40.89 2.82 0.00	44.35 3.17 0.00	45.85 3.63 -0.01	52.17 4.18 0.00	60.40 4.47 0.00	67.18 4.10 0.00	70.13 4.03 0.00	66.64 3.65 0.00	55.39 2.99 0.00	49.56 2.94 0.00	40.77 2.42 0.00
HUDSON___115KV_TB 4 355613	36.62 1.51 0.00	33.36 1.34 0.00	31.94 1.29 0.00	31.19 1.23 0.00	31.46 1.21 0.00	35.14 1.32 0.00	40.06 1.39 0.00	45.79 1.46 0.00	39.72 0.93 0.00	36.61 0.79 0.00	37.32 0.77 0.00	38.90 0.80 0.00	39.27 0.77 0.00	39.13 1.07 0.00	42.37 1.19 0.00	43.39 1.18 0.00	49.34 1.34 0.00	57.77 1.85 0.00	65.47 2.40 0.00	68.94 2.84 0.00	65.89 2.90 0.00	54.81 2.41 0.00	48.76 2.14 0.00	40.23 1.88 0.00
HUNTER MOUNT___DRP 323613	36.77 1.65 0.00	33.48 1.47 0.00	32.06 1.41 0.00	31.28 1.32 0.00	31.55 1.30 0.00	35.24 1.42 0.00	40.14 1.47 0.00	45.84 1.51 0.00	39.72 0.93 0.00	36.57 0.75 0.00	37.32 0.77 0.00	38.86 0.76 0.00	39.19 0.69 0.00	39.10 1.03 0.00	42.33 1.15 0.00	43.35 1.14 0.00	49.34 1.34 0.00	57.83 1.90 0.00	65.60 2.52 0.00	69.14 3.04 0.00	66.07 3.09 0.00	54.92 2.52 0.00	48.90 2.28 0.00	40.35 1.99 0.00
HUNTINGTON_RES_REC 323705	37.90 2.77 -0.01	34.03 2.02 0.00	32.70 2.05 0.00	31.85 1.89 0.00	32.16 1.91 0.00	36.08 2.27 0.00	41.15 2.48 0.00	47.17 2.84 0.00	41.39 2.60 0.00	38.79 2.97 0.00	40.95 2.89 -1.52	41.14 3.05 0.00	41.58 3.08 0.00	41.70 3.62 -0.01	45.09 3.91 0.00	49.61 4.26 -3.14	52.79 4.80 0.00	60.96 5.04 0.00	67.11 4.04 0.00	70.12 4.03 0.00	66.32 3.34 0.00	55.12 2.72 0.00	50.30 3.68 0.00	41.73 3.38 0.00
HUNTLEY___63 23557	30.34 -3.58 1.20	25.98 -3.36 2.67	25.60 -3.25 1.80	25.72 -3.06 1.18	25.60 -3.06 1.60	25.03 -3.21 5.57	24.72 -3.60 10.35	29.95 -3.77 10.61	30.01 -2.68 6.10	30.31 -2.51 3.01	29.59 -2.74 4.22	27.99 -3.01 7.10	27.69 -3.00 7.81	28.98 -3.24 5.85	28.38 -3.46 9.34	30.32 -3.76 8.13	31.97 -4.61 11.41	37.23 -5.03 13.66	46.21 -5.42 11.44	50.12 -5.68 10.29	49.61 -5.86 7.52	42.65 -5.14 4.61	39.03 -5.13 2.46	33.20 -4.76 0.39
HUNTLEY___64 23558	30.34 -3.58 1.20	25.98 -3.36 2.67	25.60 -3.25 1.80	25.72 -3.06 1.18	25.60 -3.06 1.60	25.03 -3.21 5.57	24.72 -3.60 10.35	29.95 -3.77 10.61	30.01 -2.68 6.10	30.31 -2.51 3.01	29.59 -2.74 4.22	27.99 -3.01 7.10	27.69 -3.00 7.81	28.98 -3.24 5.85	28.38 -3.46 9.34	30.32 -3.76 8.13	31.97 -4.61 11.41	37.23 -5.03 13.66	46.21 -5.42 11.44	50.12 -5.68 10.29	49.61 -5.86 7.52	42.65 -5.14 4.61	39.03 -5.13 2.46	33.20 -4.76 0.39
HUNTLEY___65 23559	30.34 -3.58 1.20	25.98 -3.36 2.67	25.60 -3.25 1.80	25.72 -3.06 1.18	25.60 -3.06 1.60	25.03 -3.21 5.57	24.72 -3.60 10.35	29.95 -3.77 10.61	30.01 -2.68 6.10	30.31 -2.51 3.01	29.59 -2.74 4.22	27.99 -3.01 7.10	27.69 -3.00 7.81	28.98 -3.24 5.85	28.38 -3.46 9.34	30.32 -3.76 8.13	31.97 -4.61 11.41	37.23 -5.03 13.66	46.21 -5.42 11.44	50.12 -5.68 10.29	49.61 -5.86 7.52	42.65 -5.14 4.61	39.03 -5.13 2.46	33.20 -4.76 0.39
HUNTLEY___66 23560	30.34 -3.58 1.20	25.98 -3.36 2.67	25.60 -3.25 1.80	25.72 -3.06 1.18	25.60 -3.06 1.60	25.03 -3.21 5.57	24.72 -3.60 10.35	29.95 -3.77 10.61	30.01 -2.68 6.10	30.31 -2.51 3.01	29.59 -2.74 4.22	27.99 -3.01 7.10	27.69 -3.00 7.81	28.98 -3.24 5.85	28.38 -3.46 9.34	30.32 -3.76 8.13	31.97 -4.61 11.41	37.23 -5.03 13.66	46.21 -5.42 11.44	50.12 -5.68 10.29	49.61 -5.86 7.52	42.65 -5.14 4.61	39.03 -5.13 2.46	33.20 -4.76 0.39
HUNTLEY___67 23561	30.11 -3.65 1.36	25.55 -3.43 3.03	25.30 -3.31 2.04	25.47 -3.15 1.34	25.32 -3.12 1.81	24.17 -3.31 6.33	23.20 -3.71 11.76	28.37 -3.90 12.06	29.03 -2.83 6.93	29.72 -2.69 3.41	28.95 -2.81 4.79	26.94 -3.09 8.07	26.55 -3.08 8.87	28.38 -3.31 6.38	27.39 -3.62 10.16	29.56 -3.84 8.81	31.03 -4.66 12.30	36.15 -5.09 14.68	45.07 -5.49 12.52	49.40 -5.75 10.95	49.10 -5.79 8.09	42.31 -5.24 4.85	38.85 -5.22 2.55	33.27 -4.64 0.44

HUNTLEY___68 23562	30.11 -3.65 1.36	25.55 -3.43 3.03	25.30 -3.31 2.04	25.47 -3.15 1.34	25.32 -3.12 1.81	24.17 -3.31 6.33	23.20 -3.71 11.76	28.37 -3.90 12.06	29.03 -2.83 6.93	29.72 -2.69 3.41	28.95 -2.81 4.79	26.94 -3.09 8.07	26.55 -3.08 8.87	28.38 -3.31 6.38	27.39 -3.62 10.16	29.56 -3.84 8.81	31.03 -4.66 12.30	36.15 -5.09 14.68	45.07 -5.49 12.52	49.40 -5.75 10.95	49.10 -5.79 8.09	42.31 -5.24 4.85	38.85 -5.22 2.55	33.27 -4.64 0.44
HYLAND___LFGE 323620	38.59 -0.77 -4.25	40.59 -0.93 -9.50	36.10 -0.95 -6.40	33.44 -0.72 -4.20	35.35 -0.58 -5.67	53.28 -0.37 -19.84	75.15 -0.39 -36.87	81.51 -0.62 -37.80	59.66 -0.85 -21.72	45.19 -1.32 -10.69	49.96 -1.61 -15.01	61.67 -1.71 -25.29	64.63 -1.69 -27.82	57.48 -1.86 -21.27	69.73 -1.98 -30.52	65.85 -2.03 -25.67	79.82 -2.11 -33.93	92.84 -1.51 -38.42	96.50 -0.13 -33.55	90.43 1.05 -23.28	79.74 1.26 -15.49	60.40 0.84 -7.16	48.05 -0.47 -1.90	38.74 -1.00 -1.38
INDECK___CORINTH 23802	37.68 2.56 0.00	34.32 2.31 0.00	32.83 2.18 0.00	32.06 2.10 0.00	32.40 2.15 0.00	36.25 2.44 0.00	41.30 2.63 0.00	47.39 3.06 0.00	41.04 2.25 0.00	37.86 2.04 0.00	38.64 2.08 0.00	39.85 1.75 0.00	40.27 1.77 0.00	39.86 1.79 0.00	42.91 1.73 0.00	44.45 2.24 0.00	50.68 2.69 0.00	59.96 4.03 0.00	68.00 4.92 0.00	72.17 6.08 0.00	68.85 5.86 0.00	57.22 4.82 0.00	50.77 4.15 0.00	41.73 3.38 0.00
INDECK___ILION 23567	35.40 0.28 0.00	32.24 0.22 0.00	30.83 0.18 0.00	30.11 0.15 0.00	30.37 0.12 0.00	33.99 0.17 0.00	38.86 0.19 0.00	44.59 0.27 0.00	38.94 0.16 0.00	36.00 0.18 0.00	36.70 0.15 0.00	38.29 0.19 0.00	38.65 0.15 0.00	38.22 0.15 0.00	41.34 0.16 0.00	42.38 0.17 0.00	48.18 0.19 0.00	56.21 0.28 0.00	63.46 0.38 0.00	66.43 0.33 0.00	63.30 0.31 0.00	52.61 0.21 0.00	46.85 0.23 0.00	38.51 0.15 0.00
INDECK___OLEAN 23982	32.08 -1.83 1.21	27.56 -1.76 2.69	27.12 -1.72 1.81	27.18 -1.59 1.19	27.07 -1.57 1.61	26.61 -1.59 5.62	26.57 -1.66 10.44	32.03 -1.59 10.70	31.71 -0.93 6.15	31.86 -0.93 3.03	31.28 -1.02 4.25	29.87 -1.07 7.16	29.47 -1.15 7.88	30.96 -1.26 5.86	30.76 -1.15 9.27	32.83 -1.31 8.07	35.23 -1.49 11.27	41.09 -1.34 13.49	50.43 -1.45 11.20	54.57 -1.52 10.01	54.09 -1.76 7.13	45.75 -2.25 4.40	41.72 -2.61 2.29	35.58 -2.38 0.39
INDECK___OSWEGO 23783	34.34 -0.77 0.00	31.28 -0.73 0.00	29.91 -0.74 0.00	29.27 -0.69 0.00	29.56 -0.69 0.00	33.11 -0.71 0.00	37.82 -0.85 0.00	43.31 -1.02 0.00	37.94 -0.85 0.00	35.00 -0.82 0.00	35.68 -0.88 0.00	37.15 -0.95 0.00	37.38 -1.12 0.00	36.81 -1.26 0.00	40.83 -1.32 -0.97	42.01 -1.35 -1.15	48.68 -1.54 -2.22	57.73 -1.62 -3.43	65.84 -1.64 -4.41	68.62 -1.65 -4.18	65.54 -1.57 -4.12	53.88 -1.31 -2.79	47.34 -1.31 -2.03	37.20 -1.15 0.00
INDECK___YERKES 23781	30.37 -3.55 1.20	26.01 -3.33 2.67	25.63 -3.22 1.80	25.72 -3.06 1.18	25.63 -3.02 1.60	25.03 -3.21 5.57	24.73 -3.60 10.35	30.04 -3.68 10.61	30.05 -2.64 6.10	30.31 -2.51 3.01	29.63 -2.70 4.22	28.02 -2.97 7.10	27.53 -3.16 7.81	28.94 -3.27 5.85	28.42 -3.42 9.34	30.32 -3.76 8.13	32.02 -4.56 11.41	37.23 -5.03 13.66	46.21 -5.43 11.44	50.12 -5.68 10.29	49.67 -5.79 7.52	43.12 -4.66 4.61	39.03 -5.13 2.46	33.16 -4.80 0.39
INDIAN POINT_GT_1 24139	36.70 1.58 0.00	33.29 1.28 0.00	32.00 1.35 0.00	31.19 1.23 0.00	31.46 1.21 0.00	35.03 1.22 0.00	40.22 1.55 0.00	46.28 1.95 0.00	40.61 1.82 0.00	37.57 1.76 0.00	38.42 1.86 0.00	40.15 2.06 0.00	40.62 2.12 0.00	40.54 2.47 0.00	43.98 2.80 0.00	45.29 3.08 0.00	51.59 3.60 0.00	59.84 3.91 0.00	66.74 3.66 0.00	69.73 3.64 0.00	66.26 3.28 0.00	55.07 2.67 0.00	49.18 2.56 0.00	40.50 2.15 0.00
INDIAN POINT_GT_2 23659	36.70 1.58 0.00	33.29 1.28 0.00	32.00 1.35 0.00	31.19 1.23 0.00	31.46 1.21 0.00	35.03 1.22 0.00	40.22 1.55 0.00	46.28 1.95 0.00	40.61 1.82 0.00	37.57 1.76 0.00	38.42 1.86 0.00	40.15 2.06 0.00	40.62 2.12 0.00	40.54 2.47 0.00	43.98 2.80 0.00	45.29 3.08 0.00	51.59 3.60 0.00	59.84 3.91 0.00	66.74 3.66 0.00	69.73 3.64 0.00	66.26 3.28 0.00	55.07 2.67 0.00	49.18 2.56 0.00	40.50 2.15 0.00
INDIAN POINT_GT_3 24019	36.70 1.58 0.00	33.29 1.28 0.00	32.00 1.35 0.00	31.19 1.23 0.00	31.46 1.21 0.00	35.03 1.22 0.00	40.22 1.55 0.00	46.28 1.95 0.00	40.61 1.82 0.00	37.57 1.76 0.00	38.42 1.86 0.00	40.15 2.06 0.00	40.62 2.12 0.00	40.54 2.47 0.00	43.98 2.80 0.00	45.29 3.08 0.00	51.59 3.60 0.00	59.84 3.91 0.00	66.74 3.66 0.00	69.73 3.64 0.00	66.26 3.28 0.00	55.07 2.67 0.00	49.18 2.56 0.00	40.50 2.15 0.00
INDIAN POINT___2 23530	36.62 1.51 0.00	33.26 1.25 0.00	31.94 1.29 0.00	31.16 1.20 0.00	31.43 1.18 0.00	34.97 1.15 0.00	40.18 1.51 0.00	46.15 1.82 0.00	40.58 1.79 0.00	37.50 1.68 0.00	38.38 1.83 0.00	40.08 1.98 0.00	40.73 2.23 0.00	40.54 2.47 0.00	43.90 2.72 0.00	45.21 3.00 0.00	51.45 3.46 0.00	59.67 3.75 0.00	66.54 3.47 0.00	69.53 3.43 0.00	66.14 3.15 0.00	54.97 2.57 0.00	49.04 2.42 0.00	40.46 2.11 0.00
INDIAN POINT___3 23531	36.66 1.55 0.00	33.26 1.25 0.00	31.97 1.32 0.00	31.16 1.20 0.00	31.43 1.18 0.00	35.00 1.18 0.00	40.18 1.51 0.00	46.23 1.91 0.00	40.57 1.78 0.00	37.54 1.72 0.00	38.38 1.83 0.00	40.12 2.02 0.00	40.58 2.08 0.00	40.51 2.44 0.00	43.90 2.72 0.00	45.21 3.00 0.00	51.54 3.55 0.00	59.73 3.80 0.00	66.67 3.60 0.00	69.60 3.50 0.00	66.20 3.21 0.00	55.02 2.62 0.00	49.09 2.47 0.00	40.42 2.07 0.00
INDIANHD_69_KV_BK1 55831	38.03 2.91 0.00	34.12 2.11 0.00	32.83 2.18 0.00	31.94 1.98 0.00	32.28 2.03 0.00	36.22 2.40 0.00	41.26 2.59 0.00	47.65 3.32 0.00	41.58 2.79 0.00	38.97 3.15 0.00	41.14 3.07 -1.52	41.33 3.24 0.00	41.50 3.00 0.00	41.76 3.69 0.00	45.22 4.04 0.00	49.78 4.43 -3.14	53.03 5.04 0.00	61.29 5.37 0.01	67.87 4.79 0.00	70.59 4.49 0.00	66.64 3.65 0.00	55.44 3.04 0.00	50.58 3.96 0.00	41.84 3.49 0.00
INGHAM_C_115KV_TB7 356103	35.50 0.39 0.00	32.30 0.29 0.00	30.90 0.25 0.00	30.14 0.18 0.00	30.40 0.15 0.00	34.02 0.20 0.00	38.90 0.23 0.00	44.64 0.31 0.00	39.02 0.23 0.00	36.07 0.25 0.00	36.77 0.22 0.00	38.36 0.27 0.00	38.69 0.19 0.00	38.30 0.23 0.00	41.39 0.21 0.00	42.46 0.25 0.00	48.28 0.29 0.00	56.26 0.34 0.00	63.52 0.44 0.00	66.56 0.46 0.00	63.37 0.38 0.00	52.66 0.26 0.00	46.94 0.33 0.00	38.51 0.15 0.00
IP CORINTH___1 23988	37.68 2.56 0.00	34.32 2.30 0.00	32.83 2.18 0.00	32.06 2.10 0.00	32.40 2.15 0.00	36.25 2.43 0.00	41.30 2.63 0.00	47.39 3.06 0.00	41.04 2.25 0.00	37.86 2.04 0.00	38.64 2.08 0.00	39.85 1.75 0.00	40.16 1.66 0.00	39.86 1.79 0.00	42.91 1.73 0.00	43.10 0.89 0.00	49.14 1.15 0.00	58.00 2.07 0.00	65.79 2.71 0.00	69.86 3.77 0.00	66.70 3.72 0.00	55.49 3.09 0.00	49.32 2.70 0.00	41.73 3.37 0.00

IP___TICONDEROGA 23804	38.94 3.83 0.00	35.47 3.46 0.00	33.90 3.25 0.00	33.08 3.12 0.00	33.46 3.21 0.00	37.50 3.69 0.00	42.54 3.87 0.00	48.72 4.39 0.00	41.85 3.06 0.00	38.54 2.72 0.00	39.26 2.70 0.00	40.61 2.51 0.00	40.85 2.35 0.00	40.58 2.51 0.00	43.69 2.51 0.00	43.86 1.65 0.00	50.15 2.16 0.00	59.56 3.64 0.00	67.93 4.86 0.00	72.90 6.81 0.00	69.73 6.74 0.00	58.01 5.61 0.00	51.33 4.71 0.00	43.18 4.83 0.00
ISLIP_RES_REC 323679	38.32 3.20 -0.01	34.35 2.34 0.00	33.07 2.42 0.00	32.21 2.25 0.00	32.52 2.27 0.00	36.52 2.71 0.00	41.61 2.94 0.00	47.74 3.41 0.00	41.97 3.18 0.00	39.40 3.58 0.00	41.54 3.47 -1.52	41.64 3.54 0.00	42.00 3.50 0.00	42.07 4.00 -0.01	45.50 4.32 0.00	50.08 4.73 -3.14	53.32 5.33 0.00	61.57 5.65 0.00	67.74 4.67 0.00	70.78 4.69 0.00	66.96 3.97 0.00	55.65 3.25 0.00	50.77 4.15 0.00	42.15 3.80 0.00
JAMAICA__27_KV_LOAD 355505	36.80 1.69 0.00	33.39 1.38 0.00	32.09 1.44 0.00	31.28 1.32 0.00	31.52 1.27 0.00	35.03 1.22 0.00	40.41 1.74 0.00	46.63 2.31 0.00	41.04 2.25 0.00	37.97 2.15 0.00	38.64 2.08 0.00	40.38 2.29 0.00	40.93 2.43 0.00	40.85 2.78 0.00	44.31 3.13 0.00	45.85 3.63 -0.01	52.17 4.18 0.00	60.46 4.53 0.00	67.18 4.10 0.00	70.13 4.03 0.00	66.64 3.65 0.00	55.39 2.99 0.00	49.70 3.08 0.00	40.88 2.53 0.00
JANIS___SOLAR 323808	36.59 1.05 -0.42	33.81 0.86 -0.93	32.05 0.77 -0.63	31.15 0.78 -0.41	31.63 0.82 -0.56	36.85 1.08 -1.95	43.34 1.04 -3.62	49.28 1.24 -3.71	41.70 0.78 -2.13	37.34 0.46 -1.05	38.14 0.11 -1.48	40.70 0.11 -2.49	41.16 -0.08 -2.73	39.95 -0.23 -2.11	43.94 -0.16 -2.93	44.59 -0.04 -2.43	51.28 0.14 -3.14	60.52 1.12 -3.47	68.22 2.21 -2.94	70.70 2.71 -1.90	66.72 2.58 -1.15	54.78 1.94 -0.43	47.91 1.30 0.01	39.25 0.77 -0.14
JARVIS____ 23743	35.26 0.14 0.00	32.14 0.13 0.00	30.77 0.12 0.00	30.08 0.12 0.00	30.34 0.09 0.00	33.92 0.10 0.00	38.79 0.12 0.00	44.46 0.13 0.00	38.87 0.08 0.00	35.89 0.07 0.00	36.63 0.07 0.00	38.17 0.08 0.00	38.58 0.08 0.00	38.18 0.11 0.00	41.26 0.08 0.00	42.34 0.13 0.00	48.09 0.10 0.00	56.10 0.17 0.00	63.20 0.13 0.00	66.23 0.13 0.00	63.11 0.13 0.00	52.51 0.11 0.00	46.76 0.14 0.00	38.47 0.12 0.00
JENNISON___1 23625	37.11 1.72 -0.28	34.10 1.47 -0.62	32.45 1.38 -0.42	31.64 1.41 -0.27	31.98 1.36 -0.37	36.84 1.72 -1.30	42.55 1.47 -2.41	48.84 2.04 -2.47	41.76 1.55 -1.42	37.84 1.33 -0.70	38.52 0.99 -0.98	40.85 1.10 -1.65	41.20 0.89 -1.82	40.16 0.69 -1.41	43.83 0.74 -1.90	44.57 0.80 -1.56	50.98 1.01 -1.98	60.24 2.18 -2.13	68.11 3.28 -1.75	70.64 3.50 -1.04	66.69 3.15 -0.55	54.95 2.41 -0.14	48.32 1.82 0.12	39.63 1.19 -0.09
JENNISON___2 23626	37.11 1.72 -0.28	34.10 1.47 -0.62	32.45 1.38 -0.42	31.64 1.41 -0.27	31.98 1.36 -0.37	36.84 1.72 -1.30	42.55 1.47 -2.41	48.84 2.04 -2.47	41.76 1.55 -1.42	37.84 1.33 -0.70	38.52 0.99 -0.98	40.85 1.10 -1.65	41.20 0.89 -1.82	40.16 0.69 -1.41	43.83 0.74 -1.90	44.57 0.80 -1.56	50.98 1.01 -1.98	60.24 2.18 -2.13	68.11 3.28 -1.75	70.64 3.50 -1.04	66.69 3.15 -0.55	54.95 2.41 -0.14	48.32 1.82 0.12	39.63 1.19 -0.09
JERICHO_RISE_WT_PWR 323719	34.38 -0.74 0.00	31.75 -0.26 0.00	30.37 -0.28 0.00	29.72 -0.24 0.00	30.04 -0.21 0.00	33.65 -0.17 0.00	38.48 -0.19 0.00	44.15 -0.18 0.00	38.67 -0.12 0.00	35.71 -0.11 0.00	36.44 -0.11 0.00	37.98 -0.11 0.00	38.42 -0.08 0.00	37.95 -0.11 0.00	41.06 -0.12 0.00	42.04 -0.17 0.00	47.85 -0.14 0.00	55.59 -0.33 0.00	62.95 -0.13 0.00	65.90 -0.20 0.00	62.80 -0.19 0.00	52.24 -0.16 0.00	46.53 -0.09 0.00	38.20 -0.15 0.00
KATONAH___115KV_46KV_TB4 355592	36.91 1.79 0.00	33.48 1.47 0.00	32.15 1.50 0.00	31.37 1.41 0.00	31.64 1.39 0.00	35.24 1.42 0.00	40.45 1.78 0.00	46.50 2.17 0.00	40.85 2.06 0.00	37.75 1.93 0.00	38.64 2.08 0.00	40.38 2.29 0.00	40.89 2.39 0.00	40.85 2.78 0.00	44.23 3.05 0.00	45.50 3.29 0.00	51.83 3.84 0.00	60.12 4.19 0.00	67.11 4.04 0.00	70.13 4.03 0.00	66.77 3.78 0.00	55.39 2.99 0.00	49.46 2.84 0.00	40.69 2.34 0.00
KCE_NY_1 323755	37.08 1.97 0.00	33.80 1.79 0.00	32.34 1.68 0.00	31.61 1.65 0.00	31.91 1.66 0.00	35.68 1.86 0.00	40.68 2.01 0.00	46.59 2.26 0.00	40.42 1.63 0.00	37.32 1.50 0.00	38.09 1.53 0.00	39.58 1.48 0.00	40.04 1.54 0.00	39.70 1.64 0.00	42.87 1.69 0.00	44.02 1.81 0.00	50.15 2.16 0.00	58.83 2.91 0.00	66.54 3.47 0.00	70.19 4.10 0.00	67.02 4.03 0.00	55.76 3.36 0.00	49.60 2.99 0.00	40.81 2.46 0.00
KCE_NY_6_ESR 323823	30.57 -3.09 1.45	25.86 -2.91 3.24	25.65 -2.82 2.18	25.86 -2.67 1.43	25.65 -2.66 1.93	24.29 -2.77 6.75	22.99 -3.13 12.55	28.27 -3.19 12.87	29.14 -2.25 7.40	30.03 -2.15 3.64	29.17 -2.27 5.11	27.01 -2.48 8.61	26.41 -2.62 9.47	28.30 -2.74 7.03	27.21 -2.92 11.05	29.50 -3.12 9.58	31.01 -3.65 13.33	36.19 -3.86 15.88	45.76 -4.10 13.22	50.23 -4.23 11.64	50.28 -4.41 8.29	43.44 -3.93 5.03	39.66 -4.38 2.57	33.93 -3.95 0.47
KEDC_PORT_JEFF_GT2 24210	38.11 2.98 -0.01	34.22 2.21 0.00	32.92 2.27 0.00	32.06 2.10 0.00	32.37 2.12 0.00	36.35 2.54 0.00	41.42 2.75 0.00	47.48 3.15 0.00	41.70 2.91 0.00	39.15 3.33 0.00	41.25 3.18 -1.52	41.41 3.31 0.00	41.73 3.23 0.00	41.81 3.73 -0.01	45.22 4.04 0.00	49.74 4.39 -3.14	52.98 4.99 0.00	61.12 5.20 0.00	67.30 4.23 0.00	70.26 4.17 0.00	66.51 3.53 0.00	55.28 2.88 0.00	50.49 3.87 0.00	41.92 3.57 0.00
KEDC_PORT_JEFF_GT3 24211	38.11 2.98 -0.01	34.22 2.21 0.00	32.92 2.27 0.00	32.06 2.10 0.00	32.37 2.12 0.00	36.35 2.54 0.00	41.42 2.75 0.00	47.48 3.15 0.00	41.70 2.91 0.00	39.15 3.33 0.00	41.25 3.18 -1.52	41.41 3.31 0.00	41.73 3.23 0.00	41.81 3.73 -0.01	45.22 4.04 0.00	49.74 4.39 -3.14	52.98 4.99 0.00	61.12 5.20 0.00	67.30 4.23 0.00	70.26 4.17 0.00	66.51 3.53 0.00	55.28 2.88 0.00	50.49 3.87 0.00	41.92 3.57 0.00
KEDC_GLWD_GT4 24219	37.34 2.21 -0.01	33.74 1.73 0.00	32.40 1.75 0.00	31.58 1.62 0.00	31.85 1.60 0.00	35.57 1.76 0.00	40.76 2.09 0.00	46.85 2.53 0.00	41.20 2.41 0.00	38.29 2.47 0.00	40.66 2.60 -1.52	40.92 2.82 0.00	41.50 3.00 0.00	41.43 3.35 -0.01	44.84 3.66 0.00	49.36 4.01 -3.14	52.50 4.51 0.00	60.91 4.98 -0.01	67.06 3.98 -0.01	70.07 3.97 -0.01	66.45 3.46 0.00	55.55 3.14 0.00	49.93 3.31 0.00	41.23 2.88 0.00
KEDC_GLWD_GT5 24220	37.34 2.21 -0.01	33.74 1.73 0.00	32.40 1.75 0.00	31.58 1.62 0.00	31.85 1.60 0.00	35.57 1.76 0.00	40.76 2.09 0.00	46.85 2.53 0.00	41.20 2.41 0.00	38.29 2.47 0.00	40.66 2.60 -1.52	40.92 2.82 0.00	41.50 3.00 0.00	41.43 3.35 -0.01	44.84 3.66 0.00	49.36 4.01 -3.14	52.50 4.51 0.00	60.91 4.98 -0.01	67.06 3.98 -0.01	70.07 3.97 -0.01	66.45 3.46 0.00	55.55 3.14 0.00	49.93 3.31 0.00	41.23 2.88 0.00

KENSICO____ 23655	36.77 1.65 0.00	33.39 1.38 0.00	32.06 1.41 0.00	31.28 1.32 0.00	31.55 1.30 0.00	35.10 1.29 0.00	40.33 1.66 0.00	46.41 2.08 0.00	40.73 1.94 0.00	37.68 1.86 0.00	38.56 2.01 0.00	40.31 2.21 0.00	40.77 2.27 0.00	40.70 2.63 0.00	44.15 2.96 0.00	45.46 3.25 0.00	51.83 3.84 0.00	60.07 4.14 0.00	66.99 3.91 0.00	69.93 3.83 0.00	66.45 3.46 0.00	55.23 2.83 0.00	49.32 2.70 0.00	40.61 2.26 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	36.98 1.86 0.00	33.55 1.54 0.00	32.21 1.56 0.00	31.40 1.44 0.00	31.61 1.36 0.00	35.24 1.42 0.00	40.49 1.82 0.00	46.50 2.17 0.00	40.77 1.98 0.00	37.61 1.79 0.00	38.42 1.86 0.00	40.19 2.10 0.00	40.58 2.08 0.00	40.58 2.51 0.00	44.06 2.88 0.00	45.42 3.21 0.00	51.83 3.84 0.00	60.35 4.42 0.00	67.62 4.54 0.00	70.72 4.63 0.00	67.27 4.28 0.00	55.65 3.25 0.00	49.65 3.03 0.00	40.77 2.42 0.00
KIAC_JFK_GT1 23816	36.62 1.51 0.00	33.23 1.22 0.00	31.94 1.29 0.00	31.13 1.17 0.00	31.37 1.12 0.00	34.87 1.05 0.00	40.22 1.55 0.00	46.41 2.08 0.00	40.81 2.02 0.00	37.75 1.93 0.00	38.42 1.86 0.00	40.19 2.10 0.00	40.69 2.19 0.00	40.62 2.55 0.00	44.06 2.88 0.00	45.59 3.38 -0.01	51.88 3.89 0.00	60.12 4.19 0.00	66.61 3.53 0.00	69.47 3.37 0.00	66.01 3.02 0.00	55.07 2.67 0.00	49.46 2.84 0.00	40.65 2.30 0.00
KIAC_JFK_GT2 23817	36.62 1.51 0.00	33.23 1.22 0.00	31.94 1.29 0.00	31.13 1.17 0.00	31.37 1.12 0.00	34.87 1.05 0.00	40.22 1.55 0.00	46.41 2.08 0.00	40.81 2.02 0.00	37.75 1.93 0.00	38.42 1.86 0.00	40.19 2.10 0.00	40.69 2.19 0.00	40.62 2.55 0.00	44.06 2.88 0.00	45.59 3.38 -0.01	51.88 3.89 0.00	60.12 4.19 0.00	66.61 3.53 0.00	69.47 3.37 0.00	66.01 3.02 0.00	55.07 2.67 0.00	49.46 2.84 0.00	40.65 2.30 0.00
KIAC_JFK____ 323774	36.62 1.51 0.00	33.23 1.22 0.00	31.94 1.29 0.00	31.13 1.17 0.00	31.37 1.12 0.00	34.87 1.05 0.00	40.22 1.55 0.00	46.33 2.00 0.00	40.81 2.02 0.00	37.75 1.93 0.00	38.45 1.90 0.00	40.15 2.06 0.00	40.89 2.39 0.00	40.69 2.62 0.00	44.06 2.88 0.00	45.60 3.38 -0.01	51.74 3.75 0.00	59.67 3.75 0.00	66.48 3.40 0.00	69.33 3.24 0.00	66.01 3.02 0.00	55.02 2.62 0.00	49.37 2.75 0.00	40.69 2.34 0.00
KINTIGH_24_KV_GSU 356498	30.66 -3.69 0.77	26.84 -3.46 1.71	26.16 -3.34 1.15	26.03 -3.18 0.76	26.11 -3.12 1.02	26.89 -3.35 3.58	28.27 -3.75 6.65	33.57 -3.95 6.82	31.89 -2.99 3.92	31.06 -2.83 1.93	30.89 -2.96 2.71	30.34 -3.20 4.56	30.10 -3.39 5.02	30.70 -3.50 3.87	30.94 -3.75 6.49	32.38 -4.05 5.78	34.93 -4.75 8.31	40.32 -5.31 10.30	46.73 -5.74 10.61	51.83 -6.01 8.25	50.12 -5.99 6.88	43.56 -4.87 3.97	39.11 -5.22 2.29	33.50 -4.60 0.25
KINTIGH____ 23543	30.66 -3.69 0.77	26.84 -3.46 1.71	26.16 -3.34 1.15	26.06 -3.15 0.76	26.11 -3.12 1.02	26.89 -3.35 3.58	28.27 -3.75 6.65	33.52 -3.99 6.82	31.89 -2.99 3.92	31.06 -2.83 1.93	30.89 -2.96 2.71	30.34 -3.20 4.56	30.25 -3.23 5.02	30.73 -3.46 3.87	30.94 -3.75 6.49	32.42 -4.01 5.78	34.93 -4.75 8.31	40.32 -5.31 10.30	46.73 -5.74 10.61	51.83 -6.01 8.25	50.12 -5.98 6.88	43.13 -5.29 3.97	39.15 -5.17 2.29	33.54 -4.56 0.25
KNTFSRNC_46_KV_46KV_LOAD 80397	34.87 -0.25 0.00	32.14 0.13 0.00	30.74 0.09 0.00	30.08 0.12 0.00	30.40 0.15 0.00	34.09 0.27 0.00	39.02 0.35 0.00	44.73 0.40 0.00	39.14 0.35 0.00	36.14 0.32 0.00	36.85 0.29 0.00	38.40 0.30 0.00	38.88 0.38 0.00	38.41 0.34 0.00	41.55 0.37 0.00	42.55 0.34 0.00	48.47 0.48 0.00	56.26 0.34 0.00	63.90 0.82 0.00	67.02 0.93 0.00	63.81 0.82 0.00	53.03 0.63 0.00	47.22 0.61 0.00	38.74 0.38 0.00
LACHUTE____HYDRO 323717	38.94 3.83 0.00	35.47 3.46 0.00	33.90 3.25 0.00	33.11 3.15 0.00	33.46 3.21 0.00	37.50 3.69 0.00	42.54 3.87 0.00	48.68 4.35 0.00	41.85 3.06 0.00	38.54 2.72 0.00	39.26 2.70 0.00	40.61 2.51 0.00	40.93 2.43 0.00	40.58 2.51 0.00	43.69 2.51 0.00	45.08 2.87 0.00	51.54 3.55 0.00	61.30 5.37 0.00	69.89 6.81 0.00	74.95 8.86 0.00	71.62 8.63 0.00	59.53 7.13 0.00	52.63 6.02 0.00	43.18 4.83 0.00
LAWRNCV_115KV_TB1 80681	34.69 -0.42 0.00	31.75 -0.26 0.00	30.34 -0.31 0.00	29.66 -0.30 0.00	29.95 -0.30 0.00	33.55 -0.27 0.00	38.32 -0.35 0.00	43.97 -0.35 0.00	38.40 -0.39 0.00	35.43 -0.39 0.00	36.08 -0.48 0.00	37.60 -0.50 0.00	37.85 -0.65 0.00	37.31 -0.76 0.00	40.19 -0.99 0.00	41.15 -1.06 0.00	46.84 -1.15 0.00	54.36 -1.57 0.00	61.75 -1.32 0.00	64.77 -1.32 0.00	61.73 -1.26 0.00	51.46 -0.94 0.00	46.06 -0.56 0.00	37.93 -0.42 0.00
LEDERLE____ 23769	36.73 1.62 0.00	33.36 1.34 0.00	32.03 1.38 0.00	31.25 1.29 0.00	31.49 1.24 0.00	35.07 1.25 0.00	40.29 1.62 0.00	46.32 1.99 0.00	40.65 1.86 0.00	37.61 1.79 0.00	38.45 1.90 0.00	40.23 2.13 0.00	40.66 2.16 0.00	40.58 2.51 0.00	44.02 2.84 0.00	45.33 3.12 0.00	51.69 3.70 0.00	60.01 4.08 0.00	66.92 3.85 0.00	69.86 3.77 0.00	66.45 3.46 0.00	55.18 2.78 0.00	49.28 2.66 0.00	40.54 2.19 0.00
LIGHTHSE_115KV_TB6 355974	34.94 -0.18 0.00	31.79 -0.22 0.00	30.37 -0.28 0.00	29.72 -0.24 0.00	30.01 -0.24 0.00	33.61 -0.20 0.00	38.40 -0.27 0.00	44.06 -0.27 0.00	38.48 -0.31 0.00	35.46 -0.36 0.00	36.04 -0.51 0.00	37.52 -0.57 0.00	37.88 -0.62 0.00	37.23 -0.84 0.00	40.43 -0.95 -0.19	41.51 -0.93 -0.23	47.28 -1.15 -0.44	55.55 -1.06 -0.68	63.20 -0.76 -0.88	66.33 -0.59 -0.83	63.24 -0.57 -0.82	52.38 -0.58 -0.56	46.56 -0.47 -0.40	37.78 -0.58 0.00
LINDEN COGEN____ 23786	36.69 1.58 0.01	33.28 1.28 0.01	31.99 1.35 0.01	31.21 1.26 0.01	31.45 1.21 0.01	34.92 1.11 0.01	39.95 1.55 0.27	39.95 2.00 6.38	37.95 1.98 2.82	37.70 1.93 0.05	37.95 2.01 0.61	38.19 2.25 2.15	41.03 2.54 0.01	40.84 2.78 0.01	44.22 3.05 0.01	45.71 3.50 0.00	51.87 3.89 0.01	59.50 4.08 0.51	62.89 3.78 3.97	67.04 3.70 2.75	64.15 3.40 2.24	55.17 2.78 0.01	49.27 2.66 0.01	38.12 2.30 2.53
LINDHRST_69_KV_BK1 356055	38.06 2.95 0.00	34.19 2.18 0.00	32.86 2.21 0.00	32.00 2.04 0.00	32.31 2.06 0.00	36.22 2.40 0.00	41.34 2.67 0.00	47.79 3.46 0.00	41.70 2.91 0.00	39.01 3.19 0.00	41.25 3.18 -1.52	41.45 3.35 0.00	41.66 3.16 0.00	41.88 3.81 0.00	45.38 4.20 0.00	49.91 4.56 -3.14	53.18 5.18 0.00	61.58 5.65 0.00	68.19 5.11 0.00	71.05 4.96 0.00	67.02 4.03 0.00	55.81 3.41 0.00	50.72 4.10 0.00	41.96 3.61 0.00
LIPA_MISC_IPP 23656	38.06 2.95 0.00	34.19 2.18 0.00	32.92 2.27 0.00	32.06 2.10 0.00	32.40 2.15 0.00	36.39 2.57 0.00	41.42 2.75 0.00	47.87 3.55 0.00	41.74 2.95 0.00	39.19 3.37 0.00	41.21 3.14 -1.52	41.33 3.24 0.00	41.43 2.93 0.00	41.57 3.50 0.00	45.01 3.83 0.00	49.57 4.22 -3.14	52.84 4.85 0.00	60.90 4.98 0.01	67.42 4.35 0.00	70.06 3.97 0.00	66.14 3.15 0.00	55.18 2.78 0.00	50.44 3.82 0.00	41.84 3.49 0.00

LISF___SOLAR 323691	38.14 3.02 -0.01	34.25 2.24 0.00	32.98 2.33 0.00	32.12 2.16 0.00	32.46 2.21 0.00	36.46 2.64 0.00	41.49 2.82 0.00	47.48 3.15 0.00	41.82 3.03 0.00	39.22 3.40 0.00	41.25 3.18 -1.52	41.33 3.24 0.00	41.66 3.16 0.00	41.70 3.62 -0.01	45.05 3.87 0.00	49.61 4.26 -3.14	52.84 4.85 0.00	60.85 4.92 0.00	67.05 3.98 0.00	69.92 3.83 0.00	66.26 3.27 0.00	55.12 2.72 0.00	50.39 3.77 0.00	41.92 3.57 0.00
LITTLE FALLS___HYD 24013	35.50 0.39 0.00	32.30 0.29 0.00	30.90 0.25 0.00	30.14 0.18 0.00	30.40 0.15 0.00	34.02 0.20 0.00	38.90 0.23 0.00	44.64 0.31 0.00	39.02 0.23 0.00	36.07 0.25 0.00	36.77 0.22 0.00	38.36 0.27 0.00	38.69 0.19 0.00	38.30 0.23 0.00	41.39 0.21 0.00	42.46 0.25 0.00	48.28 0.29 0.00	56.26 0.34 0.00	63.52 0.44 0.00	66.56 0.46 0.00	63.37 0.38 0.00	52.66 0.26 0.00	46.94 0.33 0.00	38.51 0.15 0.00
LITTLRIV_115KV_TB1 356100	35.01 -0.11 0.00	32.01 0.00 0.00	30.62 -0.03 0.00	29.93 -0.03 0.00	30.19 -0.06 0.00	33.85 0.03 0.00	38.63 -0.04 0.00	44.33 0.00 0.00	38.60 -0.19 0.00	35.57 -0.25 0.00	36.19 -0.37 0.00	37.72 -0.38 0.00	37.92 -0.58 0.00	37.38 -0.69 0.00	40.27 -0.91 0.00	41.24 -0.97 0.00	46.94 -1.06 0.00	54.53 -1.40 0.00	62.13 -0.95 0.00	65.24 -0.86 0.00	62.23 -0.76 0.00	51.88 -0.52 0.00	46.48 -0.14 0.00	38.24 -0.12 0.00
LI_NEWBRDGE___DRP 323616	37.36 2.25 0.00	33.64 1.63 0.00	32.34 1.69 0.00	31.49 1.53 0.00	31.79 1.54 0.00	35.58 1.76 0.00	40.64 1.97 0.00	46.90 2.57 0.00	41.00 2.21 0.00	38.29 2.47 0.00	40.52 2.45 -1.52	40.76 2.67 0.00	41.00 2.50 0.00	41.19 3.12 0.00	44.64 3.46 0.00	49.06 3.71 -3.14	52.26 4.27 0.00	60.62 4.70 0.01	67.11 4.04 0.01	69.92 3.83 0.01	66.01 3.02 0.00	54.97 2.57 0.00	49.88 3.26 0.00	41.23 2.88 0.00
LOCKPORT_115KV_TB60_63_64 80432	30.37 -3.72 1.03	26.20 -3.52 2.29	25.71 -3.40 1.54	25.77 -3.18 1.02	25.74 -3.15 1.37	25.71 -3.35 4.76	26.04 -3.79 8.84	31.37 -3.90 9.06	30.75 -2.83 5.21	30.56 -2.69 2.57	30.10 -2.85 3.60	28.87 -3.16 6.07	28.67 -3.16 6.67	29.54 -3.43 5.11	29.18 -3.75 8.25	30.96 -4.01 7.24	32.92 -4.85 10.23	38.08 -5.42 12.42	45.08 -5.93 12.07	50.44 -6.15 9.51	49.22 -6.17 7.59	42.40 -5.66 4.35	38.47 -5.78 2.37	33.10 -4.91 0.34
LOCKPORT___CC1 323769	30.23 -3.79 1.09	26.02 -3.55 2.43	25.58 -3.43 1.64	25.64 -3.24 1.08	25.62 -3.18 1.46	25.37 -3.38 5.07	25.43 -3.83 9.41	30.73 -3.95 9.65	30.37 -2.87 5.55	30.33 -2.76 2.74	29.83 -2.89 3.84	28.47 -3.16 6.46	28.01 -3.39 7.11	29.10 -3.54 5.43	28.70 -3.79 8.69	30.43 -4.13 7.64	32.34 -4.90 10.76	37.42 -5.48 13.03	44.53 -5.93 12.61	49.99 -6.22 9.89	48.95 -6.24 7.80	42.53 -5.40 4.47	38.43 -5.78 2.41	33.01 -4.99 0.36
LOCKPORT___CC2 323770	30.23 -3.79 1.09	26.02 -3.55 2.43	25.58 -3.43 1.64	25.64 -3.24 1.08	25.62 -3.18 1.46	25.37 -3.38 5.07	25.43 -3.83 9.41	30.73 -3.95 9.65	30.37 -2.87 5.55	30.33 -2.76 2.74	29.83 -2.89 3.84	28.47 -3.16 6.46	28.01 -3.39 7.11	29.10 -3.54 5.43	28.70 -3.79 8.69	30.43 -4.13 7.64	32.34 -4.90 10.76	37.42 -5.48 13.03	44.53 -5.93 12.61	49.99 -6.22 9.89	48.95 -6.24 7.80	42.53 -5.40 4.47	38.43 -5.78 2.41	33.01 -4.99 0.36
LOCKPORT___CC3 323771	30.23 -3.79 1.09	26.02 -3.55 2.43	25.58 -3.43 1.64	25.64 -3.24 1.08	25.62 -3.18 1.46	25.37 -3.38 5.07	25.43 -3.83 9.41	30.73 -3.95 9.65	30.37 -2.87 5.55	30.33 -2.76 2.74	29.83 -2.89 3.84	28.47 -3.16 6.46	28.01 -3.39 7.11	29.10 -3.54 5.43	28.70 -3.79 8.69	30.43 -4.13 7.64	32.34 -4.90 10.76	37.42 -5.48 13.03	44.53 -5.93 12.61	49.99 -6.22 9.89	48.95 -6.24 7.80	42.53 -5.40 4.47	38.43 -5.78 2.41	33.01 -4.99 0.36
LOCUSVLY_69_KV_BK2 55797	37.61 2.49 0.00	33.90 1.89 0.00	32.55 1.90 0.00	31.73 1.77 0.00	32.01 1.75 0.00	35.81 2.00 0.00	40.95 2.28 0.00	47.25 2.93 0.00	41.35 2.56 0.00	38.54 2.72 0.00	40.88 2.81 -1.52	41.14 3.05 0.00	41.46 2.96 0.00	41.61 3.54 0.00	45.09 3.91 0.00	49.57 4.22 -3.14	52.84 4.85 0.00	61.24 5.31 -0.01	67.81 4.73 0.00	70.66 4.56 0.00	66.77 3.78 0.00	55.65 3.25 0.00	50.25 3.64 0.00	41.50 3.14 0.00
LONG_LAKE_PHOENIX 24014	34.38 -0.74 0.00	31.27 -0.74 0.00	29.91 -0.74 0.00	29.30 -0.66 0.00	29.62 -0.64 0.00	33.14 -0.68 0.00	37.90 -0.77 0.00	43.35 -0.98 0.00	38.01 -0.78 0.00	35.07 -0.75 0.00	35.79 -0.77 0.00	37.22 -0.88 0.00	37.65 -0.85 0.00	37.00 -1.07 0.00	40.53 -1.19 -0.55	41.68 -1.18 -0.65	47.86 -1.39 -1.26	56.47 -1.40 -1.94	64.18 -1.39 -2.49	67.13 -1.32 -2.36	63.99 -1.32 -2.33	52.82 -1.15 -1.58	46.55 -1.21 -1.15	37.28 -1.07 0.00
LOVETT___3 23632	36.59 1.47 0.00	33.23 1.22 0.00	31.94 1.29 0.00	31.13 1.17 0.00	31.40 1.15 0.00	34.93 1.12 0.00	40.14 1.47 0.00	46.19 1.86 0.00	40.54 1.75 0.00	37.47 1.65 0.00	38.31 1.75 0.00	40.08 1.98 0.00	40.50 2.00 0.00	40.43 2.36 0.00	43.82 2.64 0.00	45.12 2.91 0.00	51.50 3.50 0.00	59.67 3.75 0.00	66.55 3.47 0.00	69.53 3.44 0.00	66.07 3.09 0.00	54.92 2.52 0.00	49.04 2.42 0.00	40.38 2.03 0.00
LOVETT___4 23642	36.59 1.47 0.00	33.23 1.22 0.00	31.94 1.29 0.00	31.13 1.17 0.00	31.40 1.15 0.00	34.93 1.12 0.00	40.14 1.47 0.00	46.19 1.86 0.00	40.54 1.75 0.00	37.47 1.65 0.00	38.31 1.75 0.00	40.08 1.98 0.00	40.50 2.00 0.00	40.43 2.36 0.00	43.82 2.64 0.00	45.12 2.91 0.00	51.50 3.50 0.00	59.67 3.75 0.00	66.55 3.47 0.00	69.53 3.44 0.00	66.07 3.09 0.00	54.92 2.52 0.00	49.04 2.42 0.00	40.38 2.03 0.00
LOVETT___5 23593	36.59 1.47 0.00	33.23 1.22 0.00	31.94 1.29 0.00	31.13 1.17 0.00	31.40 1.15 0.00	34.93 1.12 0.00	40.14 1.47 0.00	46.19 1.86 0.00	40.54 1.75 0.00	37.47 1.65 0.00	38.31 1.75 0.00	40.08 1.98 0.00	40.50 2.00 0.00	40.43 2.36 0.00	43.82 2.64 0.00	45.12 2.91 0.00	51.50 3.50 0.00	59.67 3.75 0.00	66.55 3.47 0.00	69.53 3.44 0.00	66.07 3.09 0.00	54.92 2.52 0.00	49.04 2.42 0.00	40.38 2.03 0.00
LOWER RAQUET___HYD 24057	34.62 -0.49 0.00	31.69 -0.32 0.00	30.31 -0.34 0.00	29.60 -0.36 0.00	29.86 -0.39 0.00	33.51 -0.30 0.00	38.25 -0.42 0.00	43.89 -0.44 0.00	38.33 -0.46 0.00	35.32 -0.50 0.00	35.97 -0.59 0.00	37.48 -0.61 0.00	37.69 -0.81 0.00	37.12 -0.95 0.00	39.95 -1.23 0.00	40.94 -1.27 0.00	46.60 -1.39 0.00	54.08 -1.84 0.00	61.50 -1.57 0.00	64.51 -1.59 0.00	61.48 -1.51 0.00	51.25 -1.15 0.00	45.92 -0.70 0.00	37.82 -0.54 0.00
LOWER___HUDSON 24059	36.62 1.51 0.00	33.36 1.34 0.00	31.94 1.29 0.00	31.22 1.26 0.00	31.49 1.24 0.00	35.20 1.39 0.00	40.18 1.51 0.00	46.01 1.68 0.00	39.99 1.20 0.00	36.93 1.11 0.00	37.72 1.17 0.00	39.28 1.18 0.00	39.77 1.27 0.00	39.48 1.41 0.00	42.62 1.44 0.00	43.73 1.52 0.00	49.67 1.68 0.00	58.05 2.12 0.00	65.47 2.40 0.00	68.74 2.65 0.00	65.57 2.58 0.00	54.60 2.20 0.00	48.72 2.10 0.00	40.08 1.73 0.00

LOWVILLE_115KV_TB2 356335	35.78 0.67 0.00	32.46 0.45 0.00	30.99 0.34 0.00	30.11 0.15 0.00	30.25 0.00 0.00	33.88 0.07 0.00	38.67 0.00 0.00	44.55 0.22 0.00	38.75 -0.04 0.00	35.68 -0.14 0.00	36.19 -0.37 0.00	37.72 -0.38 0.00	38.00 -0.50 0.00	37.61 -0.46 0.00	40.60 -0.58 0.00	41.70 -0.51 0.00	47.42 -0.58 0.00	55.76 -0.17 0.00	63.71 0.63 0.00	66.95 0.86 0.00	63.55 0.57 0.00	52.87 0.47 0.00	47.08 0.47 0.00	38.35 0.00 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	37.08 1.97 0.00	33.77 1.76 0.00	32.34 1.69 0.00	31.58 1.62 0.00	31.88 1.63 0.00	35.64 1.83 0.00	40.64 1.97 0.00	46.59 2.26 0.00	40.42 1.63 0.00	37.29 1.47 0.00	38.09 1.54 0.00	39.58 1.49 0.00	39.92 1.42 0.00	39.67 1.60 0.00	42.83 1.65 0.00	43.64 1.44 0.00	49.72 1.73 0.00	58.33 2.40 0.00	65.98 2.90 0.00	69.60 3.50 0.00	66.52 3.53 0.00	55.39 2.99 0.00	49.23 2.61 0.00	40.77 2.42 0.00
LUTHERNY_35_KV_BK2 355980	37.08 1.97 0.00	33.80 1.79 0.00	32.34 1.69 0.00	31.58 1.62 0.00	31.91 1.66 0.00	35.68 1.86 0.00	40.68 2.01 0.00	46.63 2.31 0.00	40.42 1.63 0.00	37.32 1.50 0.00	38.09 1.54 0.00	39.62 1.52 0.00	39.92 1.42 0.00	39.67 1.60 0.00	42.87 1.69 0.00	43.69 1.48 0.00	49.77 1.78 0.00	58.39 2.46 0.00	66.04 2.96 0.00	69.66 3.57 0.00	66.58 3.59 0.00	55.44 3.04 0.00	49.23 2.61 0.00	40.81 2.45 0.00
LWR__OSWEGATCHIE_HYD 23850	35.12 0.00 0.00	31.98 -0.03 0.00	30.56 -0.09 0.00	29.81 -0.15 0.00	30.01 -0.24 0.00	33.65 -0.17 0.00	38.40 -0.27 0.00	44.15 -0.18 0.00	38.48 -0.31 0.00	35.43 -0.39 0.00	35.97 -0.58 0.00	37.52 -0.57 0.00	37.73 -0.77 0.00	37.23 -0.84 0.00	40.11 -1.07 0.00	41.11 -1.10 0.00	46.79 -1.20 0.00	54.70 -1.23 0.00	62.38 -0.69 0.00	65.50 -0.59 0.00	62.36 -0.63 0.00	51.93 -0.47 0.00	46.39 -0.23 0.00	38.01 -0.35 0.00
LYONS_FALL_HYD 23570	35.75 0.63 0.00	32.46 0.45 0.00	31.02 0.37 0.00	30.23 0.27 0.00	30.40 0.15 0.00	34.06 0.24 0.00	38.86 0.19 0.00	44.73 0.40 0.00	38.95 0.16 0.00	35.89 0.07 0.00	36.44 -0.11 0.00	38.02 -0.08 0.00	38.27 -0.23 0.00	37.88 -0.19 0.00	40.93 -0.25 0.00	42.00 -0.21 0.00	47.75 -0.24 0.00	56.10 0.17 0.00	63.84 0.76 0.00	67.02 0.92 0.00	63.68 0.69 0.00	52.98 0.58 0.00	47.18 0.56 0.00	38.51 0.15 0.00
MADISON__COUNTY_LFGE 323628	35.75 0.63 0.00	32.52 0.51 0.00	31.11 0.46 0.00	30.41 0.45 0.00	30.67 0.42 0.00	34.36 0.54 0.00	39.25 0.58 0.00	45.08 0.75 0.00	39.33 0.54 0.00	36.25 0.43 0.00	36.88 0.33 0.00	38.44 0.34 0.00	38.81 0.31 0.00	38.30 0.23 0.00	41.22 0.21 0.16	42.27 0.25 0.19	47.86 0.24 0.37	56.03 0.67 0.57	63.42 1.07 0.73	66.66 1.26 0.69	63.50 1.20 0.68	52.88 0.94 0.46	47.03 0.75 0.34	38.81 0.46 0.00
MALONE__115KV_TB1 356076	34.66 -0.46 0.00	31.91 -0.10 0.00	30.53 -0.12 0.00	29.84 -0.12 0.00	30.16 -0.09 0.00	33.82 0.00 0.00	38.71 0.04 0.00	44.42 0.09 0.00	38.91 0.12 0.00	35.89 0.07 0.00	36.59 0.04 0.00	38.13 0.04 0.00	38.58 0.08 0.00	38.07 0.00 0.00	41.14 -0.04 0.00	42.13 -0.08 0.00	47.94 -0.05 0.00	55.65 -0.28 0.00	63.20 0.13 0.00	66.29 0.20 0.00	63.18 0.19 0.00	52.51 0.10 0.00	46.81 0.19 0.00	38.43 0.08 0.00
MAPLEWOD_115KV_TB3 80458	36.38 1.26 0.00	33.13 1.12 0.00	31.75 1.10 0.00	31.01 1.05 0.00	31.28 1.03 0.00	34.93 1.12 0.00	39.91 1.24 0.00	45.75 1.42 0.00	39.80 1.01 0.00	36.75 0.93 0.00	37.58 1.02 0.00	39.16 1.07 0.00	39.50 1.00 0.00	39.32 1.26 0.00	42.50 1.32 0.00	43.52 1.31 0.00	49.43 1.44 0.00	57.72 1.79 0.00	65.10 2.02 0.00	68.34 2.25 0.00	65.26 2.27 0.00	54.34 1.94 0.00	48.34 1.72 0.00	39.92 1.57 0.00
MAPLE_RIDGE_WT_1 323574	34.73 -0.39 0.00	31.59 -0.42 0.00	30.19 -0.46 0.00	29.48 -0.48 0.00	29.77 -0.49 0.00	33.27 -0.54 0.00	38.09 -0.58 0.00	43.75 -0.58 0.00	38.33 -0.46 0.00	35.43 -0.39 0.00	36.15 -0.40 0.00	37.68 -0.42 0.00	38.12 -0.38 0.00	37.69 -0.38 0.00	40.77 -0.41 0.00	41.79 -0.42 0.00	47.61 -0.39 0.00	55.48 -0.45 0.00	62.76 -0.31 0.00	65.77 -0.33 0.00	62.67 -0.31 0.00	52.04 -0.36 0.00	46.20 -0.42 0.00	37.89 -0.46 0.00
MAPLE_RIDGE_WT_2 323611	34.73 -0.39 0.00	31.59 -0.42 0.00	30.19 -0.46 0.00	29.48 -0.48 0.00	29.77 -0.49 0.00	33.27 -0.54 0.00	38.09 -0.58 0.00	43.75 -0.58 0.00	38.33 -0.46 0.00	35.43 -0.39 0.00	36.15 -0.40 0.00	37.68 -0.42 0.00	38.12 -0.38 0.00	37.69 -0.38 0.00	40.77 -0.41 0.00	41.79 -0.42 0.00	47.61 -0.39 0.00	55.48 -0.45 0.00	62.76 -0.31 0.00	65.77 -0.33 0.00	62.67 -0.31 0.00	52.04 -0.36 0.00	46.20 -0.42 0.00	37.89 -0.46 0.00
MARBLE_RIVER_WT_PWR 323696	34.45 -0.67 0.00	31.79 -0.22 0.00	30.40 -0.25 0.00	29.75 -0.21 0.00	30.07 -0.18 0.00	33.68 -0.13 0.00	38.55 -0.12 0.00	44.20 -0.13 0.00	38.71 -0.08 0.00	35.75 -0.07 0.00	36.48 -0.07 0.00	38.02 -0.08 0.00	38.46 -0.04 0.00	37.99 -0.08 0.00	41.10 -0.08 0.00	42.08 -0.13 0.00	47.90 -0.10 0.00	55.59 -0.33 0.00	62.95 -0.13 0.00	65.96 -0.13 0.00	62.86 -0.13 0.00	52.30 -0.10 0.00	46.57 -0.05 0.00	38.24 -0.11 0.00
MARSHVLE_115KV_TB1 80742	37.50 2.39 0.00	34.12 2.11 0.00	32.64 1.99 0.00	31.91 1.95 0.00	32.25 2.00 0.00	36.15 2.33 0.00	40.95 2.28 0.00	46.81 2.48 0.00	40.26 1.47 0.00	36.97 1.15 0.00	37.54 0.99 0.00	39.09 0.99 0.00	39.39 0.89 0.00	38.91 0.84 0.00	41.92 0.74 0.00	43.10 0.89 0.00	49.24 1.25 0.00	58.44 2.52 0.00	67.18 4.10 0.00	71.45 5.35 0.00	68.15 5.17 0.00	56.59 4.19 0.00	50.21 3.59 0.00	41.19 2.84 0.00
MARSH_HILL_WT_PWR 323713	39.03 -1.30 -5.21	42.32 -1.34 -11.65	37.15 -1.35 -7.84	33.91 -1.20 -5.15	36.15 -1.06 -6.96	57.23 -0.91 -24.32	82.91 -0.97 -45.20	89.52 -1.15 -46.34	64.41 -1.01 -26.63	47.75 -1.18 -13.11	53.61 -1.35 -18.41	67.54 -1.56 -31.01	71.07 -1.54 -34.11	62.41 -1.75 -26.10	77.09 -1.85 -37.77	72.01 -2.07 -31.87	88.20 -2.16 -42.36	102.35 -1.84 -48.27	104.59 -1.13 -42.65	95.32 -0.73 -29.95	82.55 -0.82 -20.38	60.85 -1.26 -9.71	47.43 -2.19 -3.00	37.78 -2.26 -1.70
MCINTYRE_115KV_TB2 80467	35.22 0.11 0.00	32.24 0.22 0.00	30.80 0.15 0.00	30.14 0.18 0.00	30.40 0.15 0.00	34.09 0.27 0.00	38.90 0.23 0.00	44.55 0.22 0.00	38.79 0.00 0.00	35.68 -0.14 0.00	36.30 -0.26 0.00	37.83 -0.27 0.00	38.15 -0.35 0.00	37.61 -0.46 0.00	40.60 -0.58 0.00	41.58 -0.63 0.00	47.32 -0.67 0.00	54.92 -1.01 0.00	62.57 -0.50 0.00	65.76 -0.33 0.00	62.80 -0.19 0.00	52.40 0.00 0.00	46.90 0.28 0.00	38.54 0.19 0.00
MECO____69_KV_BK1 80468	37.71 2.60 0.00	34.35 2.34 0.00	32.86 2.21 0.00	32.09 2.13 0.00	32.46 2.21 0.00	36.39 2.57 0.00	41.22 2.55 0.00	47.03 2.70 0.00	40.46 1.67 0.00	37.11 1.29 0.00	37.69 1.13 0.00	39.20 1.10 0.00	39.50 1.00 0.00	39.10 1.03 0.00	42.17 0.99 0.00	43.26 1.06 0.00	49.53 1.54 0.00	58.78 2.85 0.00	67.49 4.42 0.00	72.04 5.95 0.00	68.85 5.86 0.00	57.17 4.77 0.00	50.63 4.01 0.00	41.57 3.22 0.00

MENANDS__115KV_TB5 355628	36.20 1.09 0.00	32.97 0.96 0.00	31.60 0.95 0.00	30.86 0.90 0.00	31.13 0.88 0.00	34.76 0.95 0.00	39.71 1.04 0.00	45.53 1.20 0.00	39.60 0.81 0.00	36.61 0.79 0.00	37.39 0.84 0.00	38.97 0.88 0.00	39.35 0.85 0.00	39.17 1.10 0.00	42.33 1.15 0.00	43.35 1.14 0.00	49.19 1.20 0.00	57.38 1.45 0.00	64.65 1.58 0.00	67.81 1.72 0.00	64.81 1.83 0.00	53.97 1.57 0.00	48.06 1.45 0.00	39.69 1.34 0.00
MG INDUSTRY__DRP 24185	36.20 1.09 0.00	33.00 0.99 0.00	31.63 0.98 0.00	30.89 0.93 0.00	31.16 0.91 0.00	34.76 0.95 0.00	39.68 1.01 0.00	45.35 1.02 0.00	39.45 0.66 0.00	36.43 0.61 0.00	37.17 0.62 0.00	38.78 0.69 0.00	39.12 0.62 0.00	38.87 0.80 0.00	42.04 0.86 0.00	43.05 0.84 0.00	48.95 0.96 0.00	57.16 1.23 0.00	64.46 1.39 0.00	67.81 1.72 0.00	64.69 1.70 0.00	53.92 1.52 0.00	48.02 1.40 0.00	39.66 1.30 0.00
MID__OSWEGATCHIE_HYD 23849	35.12 0.00 0.00	31.98 -0.03 0.00	30.56 -0.09 0.00	29.81 -0.15 0.00	30.01 -0.24 0.00	33.65 -0.17 0.00	38.40 -0.27 0.00	44.15 -0.18 0.00	38.48 -0.31 0.00	35.43 -0.39 0.00	35.97 -0.58 0.00	37.52 -0.57 0.00	37.73 -0.77 0.00	37.23 -0.84 0.00	40.11 -1.07 0.00	41.11 -1.10 0.00	46.79 -1.20 0.00	54.70 -1.23 0.00	62.38 -0.69 0.00	65.50 -0.59 0.00	62.36 -0.63 0.00	51.93 -0.47 0.00	46.39 -0.23 0.00	38.01 -0.35 0.00
MID__RAQUETTE_HYD 23851	34.62 -0.49 0.00	31.69 -0.32 0.00	30.31 -0.34 0.00	29.60 -0.36 0.00	29.86 -0.39 0.00	33.48 -0.34 0.00	38.25 -0.43 0.00	43.89 -0.44 0.00	38.32 -0.47 0.00	35.32 -0.50 0.00	35.97 -0.58 0.00	37.49 -0.61 0.00	37.69 -0.81 0.00	37.12 -0.95 0.00	39.94 -1.24 0.00	40.90 -1.31 0.00	46.60 -1.39 0.00	54.08 -1.85 0.00	61.50 -1.58 0.00	64.51 -1.59 0.00	61.48 -1.51 0.00	51.25 -1.15 0.00	45.92 -0.70 0.00	37.82 -0.54 0.00
MILLIKEN__1 23584	35.86 0.32 -0.43	33.20 0.22 -0.96	31.45 0.15 -0.65	30.60 0.21 -0.43	31.10 0.27 -0.57	36.23 0.41 -2.01	42.83 0.43 -3.73	48.60 0.44 -3.82	41.38 0.39 -2.20	37.12 0.21 -1.08	38.22 0.15 -1.52	40.73 0.08 -2.56	41.43 0.12 -2.81	40.16 -0.08 -2.16	44.17 -0.04 -3.03	44.73 0.00 -2.52	51.33 0.05 -3.29	60.09 0.50 -3.66	67.21 1.01 -3.12	69.48 1.32 -2.06	65.53 1.26 -1.29	53.76 0.84 -0.52	47.08 0.42 -0.04	38.65 0.15 -0.14
MILLIKEN__2 23585	35.86 0.32 -0.43	33.20 0.22 -0.96	31.45 0.15 -0.65	30.60 0.21 -0.43	31.10 0.27 -0.57	36.23 0.41 -2.01	42.83 0.43 -3.73	48.60 0.44 -3.82	41.38 0.39 -2.20	37.12 0.21 -1.08	38.22 0.15 -1.52	40.73 0.08 -2.56	41.43 0.12 -2.81	40.16 -0.08 -2.16	44.17 -0.04 -3.03	44.73 0.00 -2.52	51.33 0.05 -3.29	60.09 0.50 -3.66	67.21 1.01 -3.12	69.48 1.32 -2.06	65.53 1.26 -1.29	53.76 0.84 -0.52	47.08 0.42 -0.04	38.65 0.15 -0.14
MILLIKEN__DIESEL 23629	35.86 0.32 -0.43	33.20 0.22 -0.96	31.45 0.15 -0.65	30.60 0.21 -0.43	31.10 0.27 -0.57	36.23 0.41 -2.01	42.83 0.43 -3.73	48.60 0.44 -3.82	41.38 0.39 -2.20	37.12 0.21 -1.08	38.22 0.15 -1.52	40.73 0.08 -2.56	41.43 0.12 -2.81	40.16 -0.08 -2.16	44.17 -0.04 -3.03	44.73 0.00 -2.52	51.33 0.05 -3.29	60.09 0.50 -3.66	67.21 1.01 -3.12	69.48 1.32 -2.06	65.53 1.26 -1.29	53.76 0.84 -0.52	47.08 0.42 -0.04	38.65 0.15 -0.14
MILLSEAT__LFGE 323607	31.13 -3.09 0.89	27.08 -2.94 1.99	26.43 -2.88 1.34	26.44 -2.64 0.88	26.49 -2.57 1.19	27.01 -2.67 4.14	28.01 -2.98 7.68	33.49 -2.97 7.87	32.21 -2.06 4.53	31.55 -2.04 2.23	31.23 -2.19 3.13	30.31 -2.52 5.27	30.01 -2.70 5.80	30.81 -2.82 4.44	30.80 -3.09 7.29	32.49 -3.29 6.42	34.97 -3.89 9.14	40.44 -4.31 11.19	47.71 -4.35 11.02	52.93 -4.43 8.74	51.44 -4.47 7.07	44.28 -4.03 4.09	39.71 -4.62 2.29	33.95 -4.10 0.30
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	36.73 1.62 0.00	33.32 1.31 0.00	32.03 1.38 0.00	31.22 1.26 0.00	31.49 1.24 0.00	35.07 1.25 0.00	40.26 1.59 0.00	46.32 1.99 0.00	40.65 1.86 0.00	37.61 1.79 0.00	38.45 1.90 0.00	40.23 2.13 0.00	40.69 2.19 0.00	40.58 2.51 0.00	44.02 2.84 0.00	45.33 3.12 0.00	51.64 3.65 0.00	59.90 3.97 0.00	66.80 3.72 0.00	69.73 3.64 0.00	66.33 3.34 0.00	55.13 2.72 0.00	49.23 2.61 0.00	40.54 2.19 0.00
MILLWOOD_13_KV_LOAD 356217	36.80 1.69 0.00	33.39 1.38 0.00	32.09 1.44 0.00	31.28 1.32 0.00	31.55 1.30 0.00	35.14 1.32 0.00	40.33 1.66 0.00	46.41 2.08 0.00	40.73 1.94 0.00	37.68 1.86 0.00	38.53 1.97 0.00	40.31 2.21 0.00	40.77 2.27 0.00	40.70 2.63 0.00	44.10 2.92 0.00	45.42 3.21 0.00	51.74 3.74 0.00	60.01 4.08 0.00	66.99 3.91 0.00	69.93 3.83 0.00	66.52 3.53 0.00	55.23 2.83 0.00	49.32 2.70 0.00	40.61 2.26 0.00
MODEL_CITY_ENERGY 24167	30.08 -3.97 1.07	25.92 -3.71 2.38	25.46 -3.59 1.60	25.52 -3.39 1.06	25.50 -3.33 1.42	25.32 -3.55 4.95	25.47 -4.02 9.18	30.75 -4.17 9.41	30.31 -3.07 5.41	30.25 -2.90 2.67	29.74 -3.07 3.75	28.44 -3.35 6.30	27.99 -3.58 6.93	29.00 -3.73 5.34	28.51 -4.03 8.64	30.29 -4.39 7.53	32.15 -5.23 10.61	37.06 -5.98 12.89	43.68 -6.56 12.84	49.42 -6.88 9.80	48.14 -6.86 7.98	41.83 -6.13 4.44	37.83 -6.39 2.40	32.59 -5.41 0.36
MODERN_LFGE__ 323580	30.08 -3.97 1.07	25.92 -3.71 2.38	25.46 -3.59 1.60	25.52 -3.39 1.06	25.50 -3.33 1.42	25.32 -3.55 4.95	25.47 -4.02 9.18	30.75 -4.17 9.41	30.31 -3.07 5.41	30.25 -2.90 2.67	29.74 -3.07 3.75	28.44 -3.35 6.30	27.99 -3.58 6.93	29.00 -3.73 5.34	28.51 -4.03 8.64	30.29 -4.39 7.53	32.15 -5.23 10.61	37.06 -5.98 12.89	43.68 -6.56 12.84	49.42 -6.88 9.80	48.14 -6.86 7.98	41.83 -6.13 4.44	37.83 -6.39 2.40	32.59 -5.41 0.36
MOHAWK_PAPER__DRP 24187	36.38 1.26 0.00	33.13 1.12 0.00	31.75 1.10 0.00	31.01 1.05 0.00	31.28 1.03 0.00	34.93 1.12 0.00	39.91 1.24 0.00	45.75 1.42 0.00	39.80 1.01 0.00	36.75 0.93 0.00	37.58 1.02 0.00	39.16 1.07 0.00	39.50 1.00 0.00	39.32 1.26 0.00	42.50 1.32 0.00	43.52 1.31 0.00	49.43 1.44 0.00	57.72 1.79 0.00	65.10 2.02 0.00	68.34 2.25 0.00	65.26 2.27 0.00	54.34 1.94 0.00	48.34 1.72 0.00	39.92 1.57 0.00
MOHICAN__35_KV_115KV_LD 80490	37.82 2.70 0.00	34.44 2.43 0.00	32.95 2.30 0.00	32.18 2.22 0.00	32.52 2.27 0.00	36.39 2.57 0.00	41.42 2.75 0.00	47.52 3.19 0.00	41.08 2.29 0.00	37.90 2.08 0.00	38.64 2.08 0.00	39.96 1.87 0.00	40.27 1.77 0.00	39.97 1.90 0.00	43.07 1.89 0.00	43.39 1.18 0.00	49.48 1.49 0.00	58.33 2.40 0.00	66.23 3.15 0.00	70.33 4.23 0.00	67.21 4.22 0.00	55.91 3.51 0.00	49.65 3.03 0.00	41.77 3.41 0.00
MONGAUP__HYD 23641	36.59 1.47 0.00	33.20 1.19 0.00	31.88 1.23 0.00	31.07 1.11 0.00	31.31 1.06 0.00	34.90 1.08 0.00	40.02 1.35 0.00	45.84 1.51 0.00	40.15 1.36 0.00	37.04 1.22 0.00	37.83 1.28 0.00	39.47 1.37 0.00	40.08 1.58 0.00	39.90 1.83 0.00	43.24 2.06 0.00	44.49 2.28 0.00	50.68 2.69 0.00	59.06 3.13 0.00	66.35 3.28 0.00	69.46 3.37 0.00	66.26 3.27 0.00	54.86 2.46 0.00	48.95 2.33 0.00	40.27 1.92 0.00

MONTAUK___DIESEL 23721	38.24 3.13 0.00	34.54 2.53 0.00	33.44 2.79 0.00	32.69 2.73 0.00	33.12 2.87 0.00	37.27 3.45 0.00	42.42 3.75 0.00	49.20 4.88 0.00	43.02 4.23 0.00	40.48 4.66 0.00	42.64 4.57 -1.52	42.71 4.61 0.00	42.74 4.24 0.00	42.75 4.68 0.00	46.20 5.02 0.00	50.84 5.49 -3.14	54.47 6.48 0.00	63.08 7.16 0.01	69.95 6.88 0.00	72.50 6.41 0.00	68.09 5.10 0.00	56.65 4.24 0.00	51.65 5.03 0.00	42.88 4.53 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	30.65 -3.09 1.37	26.10 -2.85 3.06	25.86 -2.73 2.06	26.00 -2.61 1.35	25.64 -2.78 1.83	24.35 -3.08 6.39	23.36 -3.44 11.87	28.66 -3.50 12.17	29.35 -2.44 6.99	30.12 -2.26 3.44	29.34 -2.38 4.83	27.36 -2.59 8.14	26.97 -2.58 8.95	28.76 -2.66 6.64	27.85 -2.88 10.45	30.39 -2.74 9.07	32.48 -2.88 12.63	38.35 -2.52 15.06	47.92 -2.46 12.69	52.52 -2.51 11.06	52.08 -2.96 7.94	44.25 -3.35 4.80	40.05 -4.10 2.47	33.80 -4.10 0.45
MORRIS_RIDGE___SOLAR 323848	27.92 -1.90 5.30	18.31 -1.86 11.84	20.87 -1.81 7.97	23.05 -1.68 5.24	21.58 -1.60 7.07	7.51 -1.59 24.72	-9.08 -1.82 45.94	-4.85 -2.08 47.10	9.94 -1.78 27.06	20.67 -1.83 13.33	15.87 -1.97 18.71	4.45 -2.13 31.51	1.72 -2.12 34.66	9.43 -2.28 26.36	-0.27 -2.39 39.06	6.37 -2.53 33.31	0.27 -2.78 44.94	1.22 -2.68 52.02	14.32 -2.40 46.36	29.71 -2.12 34.27	36.79 -2.02 24.18	37.84 -2.04 12.51	39.00 -2.61 5.01	34.09 -2.53 1.72
MORTIMER_115KV_TB3 55949	32.51 -2.35 0.25	29.15 -2.30 0.55	28.04 -2.24 0.37	27.65 -2.07 0.25	27.92 -2.00 0.33	30.56 -2.10 1.16	34.16 -2.36 2.15	39.73 -2.39 2.20	35.82 -1.71 1.27	33.58 -1.61 0.62	33.96 -1.72 0.87	34.68 -1.94 1.47	34.95 -1.93 1.62	34.68 -2.13 1.26	36.13 -2.39 2.66	37.23 -2.45 2.53	41.16 -2.88 3.96	47.51 -3.13 5.28	54.11 -3.09 5.87	57.94 -3.11 5.05	55.29 -3.15 4.55	46.54 -2.99 2.87	41.60 -3.12 1.90	35.43 -2.84 0.08
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	36.87 1.76 0.00	33.45 1.44 0.00	32.18 1.53 0.00	31.37 1.41 0.00	31.64 1.39 0.00	35.14 1.32 0.00	40.45 1.78 0.00	46.59 2.26 0.00	40.92 2.13 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.53 2.44 0.00	41.00 2.50 0.00	40.92 2.86 0.00	44.39 3.21 0.00	45.84 3.63 0.00	52.17 4.18 0.00	60.40 4.47 0.00	67.24 4.16 0.00	70.19 4.10 0.00	66.70 3.72 0.00	55.49 3.09 0.00	49.56 2.94 0.00	40.81 2.45 0.00
MUNSVILLE_WIND_PWR 323609	37.43 1.97 -0.35	34.45 1.66 -0.78	32.67 1.50 -0.52	31.83 1.53 -0.34	32.17 1.45 -0.46	37.33 1.89 -1.62	43.46 1.78 -3.01	49.81 2.39 -3.09	42.27 1.70 -1.77	38.05 1.36 -0.87	38.69 0.91 -1.23	41.23 1.07 -2.07	41.54 0.77 -2.27	40.43 0.61 -1.75	44.25 0.66 -2.41	44.96 0.76 -1.99	51.56 1.01 -2.56	61.25 2.52 -2.80	69.33 3.91 -2.34	71.86 4.29 -1.47	67.81 3.97 -0.85	55.78 3.09 -0.29	48.88 2.33 0.07	39.96 1.49 -0.11
N SALMON___HYD 24042	34.66 -0.46 0.00	31.92 -0.10 0.00	30.53 -0.12 0.00	29.84 -0.12 0.00	30.16 -0.09 0.00	33.82 0.00 0.00	38.71 0.04 0.00	44.42 0.09 0.00	38.91 0.12 0.00	35.89 0.07 0.00	36.59 0.04 0.00	38.13 0.04 0.00	38.58 0.08 0.00	38.07 0.00 0.00	41.14 -0.04 0.00	42.13 -0.08 0.00	47.94 -0.05 0.00	55.65 -0.28 0.00	63.20 0.13 0.00	66.29 0.20 0.00	63.24 0.25 0.00	52.45 0.05 0.00	46.81 0.19 0.00	38.43 0.08 0.00
N.AKRON__115KV_KNAPP 355671	31.07 -3.13 0.92	26.95 -3.01 2.05	26.35 -2.91 1.38	26.38 -2.67 0.91	26.39 -2.63 1.23	26.80 -2.74 4.28	27.68 -3.05 7.94	33.13 -3.06 8.14	31.98 -2.13 4.68	31.43 -2.08 2.31	31.08 -2.23 3.24	30.09 -2.55 5.45	29.97 -2.54 5.99	30.66 -2.82 4.59	30.55 -3.13 7.50	32.31 -3.29 6.61	34.63 -3.98 9.38	40.05 -4.42 11.46	47.34 -4.48 11.25	52.62 -4.56 8.91	51.14 -4.66 7.19	43.85 -4.40 4.15	39.60 -4.71 2.31	33.98 -4.07 0.31
N.BELMOR_69_KV_BK1 55787	37.68 2.56 0.00	33.90 1.89 0.00	32.58 1.93 0.00	31.73 1.77 0.00	32.01 1.75 0.00	35.85 2.03 0.00	40.95 2.28 0.00	47.30 2.97 0.00	41.35 2.56 0.00	38.61 2.79 0.00	40.81 2.74 -1.52	41.03 2.93 0.00	41.35 2.85 0.00	41.49 3.43 0.00	44.97 3.79 0.00	49.53 4.18 -3.14	52.74 4.75 0.00	61.20 5.26 -0.01	67.75 4.67 -0.01	70.66 4.56 -0.01	66.70 3.72 0.00	55.49 3.09 0.00	50.30 3.68 0.00	41.57 3.22 0.00
N.E._GEN_SANDY PD 24062	37.71 1.47 -1.12	35.31 1.28 -2.02	35.58 1.29 -3.64	35.30 1.23 -4.11	35.30 1.21 -3.84	40.30 1.28 -5.20	46.20 1.51 -6.02	46.01 1.68 0.00	40.03 1.24 0.00	37.00 1.18 0.00	37.83 1.28 0.00	39.43 1.33 0.00	40.00 1.50 0.00	39.74 1.67 0.00	42.99 1.81 0.00	44.06 1.86 0.00	50.05 2.06 0.00	58.28 2.35 0.00	65.47 2.40 0.00	68.41 2.31 0.00	65.32 2.33 0.00	55.30 1.94 -0.95	47.67 2.00 0.95	40.00 1.65 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	36.66 1.55 0.00	33.26 1.25 0.00	31.97 1.32 0.00	31.16 1.20 0.00	31.43 1.18 0.00	34.97 1.15 0.00	40.18 1.51 0.00	46.23 1.91 0.00	40.57 1.78 0.00	37.50 1.68 0.00	38.34 1.79 0.00	40.12 2.02 0.00	40.54 2.04 0.00	40.47 2.40 0.00	43.90 2.72 0.00	45.21 3.00 0.00	51.54 3.55 0.00	59.79 3.86 0.00	66.74 3.66 0.00	69.66 3.57 0.00	66.26 3.28 0.00	55.02 2.62 0.00	49.14 2.52 0.00	40.42 2.07 0.00
N.QUEENS_27_KV_LOAD 356247	36.80 1.69 0.00	33.52 1.50 0.00	32.31 1.66 0.00	31.46 1.50 0.00	31.73 1.48 0.00	34.90 1.08 0.00	40.22 1.55 0.00	46.41 2.08 0.00	40.88 2.09 0.00	37.90 2.08 0.00	38.67 2.12 0.00	40.53 2.44 0.00	41.00 2.50 0.00	40.96 2.89 0.00	44.47 3.29 0.00	45.97 3.76 -0.01	52.26 4.27 0.00	60.35 4.42 0.00	66.99 3.91 0.00	69.93 3.83 0.00	66.39 3.40 0.00	55.28 2.88 0.00	49.37 2.75 0.00	40.81 2.45 0.00
N.TROY___115KV_TB1 355778	36.62 1.51 0.00	33.36 1.34 0.00	31.94 1.29 0.00	31.19 1.23 0.00	31.49 1.24 0.00	35.20 1.39 0.00	40.18 1.51 0.00	46.06 1.73 0.00	39.99 1.20 0.00	36.93 1.11 0.00	37.72 1.17 0.00	39.28 1.18 0.00	39.65 1.15 0.00	39.44 1.37 0.00	42.62 1.44 0.00	43.56 1.35 0.00	49.58 1.58 0.00	57.88 1.96 0.00	65.35 2.27 0.00	68.54 2.45 0.00	65.57 2.58 0.00	54.65 2.25 0.00	48.62 2.00 0.00	40.12 1.76 0.00
NARROWS_GT1_1 24228	36.90 1.79 0.00	33.45 1.44 0.00	32.15 1.50 0.00	31.34 1.38 0.00	31.58 1.33 0.00	34.97 1.15 0.00	40.26 1.59 0.00	46.37 2.04 0.00	40.92 2.13 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.54 2.44 0.00	41.27 2.77 0.00	41.12 3.05 0.00	44.64 3.46 0.00	46.18 3.97 -0.01	52.36 4.37 0.00	60.34 4.42 0.00	67.05 3.98 0.00	69.93 3.83 0.00	66.51 3.53 0.00	55.55 3.14 0.00	49.46 2.84 0.00	40.84 2.49 0.00
NARROWS_GT1_2 24229	36.90 1.79 0.00	33.45 1.44 0.00	32.15 1.50 0.00	31.34 1.38 0.00	31.58 1.33 0.00	34.97 1.15 0.00	40.26 1.59 0.00	46.37 2.04 0.00	40.92 2.13 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.54 2.44 0.00	41.27 2.77 0.00	41.12 3.05 0.00	44.64 3.46 0.00	46.18 3.97 -0.01	52.36 4.37 0.00	60.34 4.42 0.00	67.05 3.98 0.00	69.93 3.83 0.00	66.51 3.53 0.00	55.55 3.14 0.00	49.46 2.84 0.00	40.84 2.49 0.00

NARROWS_GT1_3 24230	36.90 1.79 0.00	33.45 1.44 0.00	32.15 1.50 0.00	31.34 1.38 0.00	31.58 1.33 0.00	34.97 1.15 0.00	40.26 1.59 0.00	46.37 2.04 0.00	40.92 2.13 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.54 2.44 0.00	41.27 2.77 0.00	41.12 3.05 0.00	44.64 3.46 0.00	46.18 3.97 -0.01	52.36 4.37 0.00	60.34 4.42 0.00	67.05 3.98 0.00	69.93 3.83 0.00	66.51 3.53 0.00	55.55 3.14 0.00	49.46 2.84 0.00	40.84 2.49 0.00
NARROWS_GT1_4 24231	36.90 1.79 0.00	33.45 1.44 0.00	32.15 1.50 0.00	31.34 1.38 0.00	31.58 1.33 0.00	34.97 1.15 0.00	40.26 1.59 0.00	46.37 2.04 0.00	40.92 2.13 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.54 2.44 0.00	41.27 2.77 0.00	41.12 3.05 0.00	44.64 3.46 0.00	46.18 3.97 -0.01	52.36 4.37 0.00	60.34 4.42 0.00	67.05 3.98 0.00	69.93 3.83 0.00	66.51 3.53 0.00	55.55 3.14 0.00	49.46 2.84 0.00	40.84 2.49 0.00
NARROWS_GT1_5 24232	36.90 1.79 0.00	33.45 1.44 0.00	32.15 1.50 0.00	31.34 1.38 0.00	31.58 1.33 0.00	34.97 1.15 0.00	40.26 1.59 0.00	46.37 2.04 0.00	40.92 2.13 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.54 2.44 0.00	41.27 2.77 0.00	41.12 3.05 0.00	44.64 3.46 0.00	46.18 3.97 -0.01	52.36 4.37 0.00	60.34 4.42 0.00	67.05 3.98 0.00	69.93 3.83 0.00	66.51 3.53 0.00	55.55 3.14 0.00	49.46 2.84 0.00	40.84 2.49 0.00
NARROWS_GT1_6 24233	36.90 1.79 0.00	33.45 1.44 0.00	32.15 1.50 0.00	31.34 1.38 0.00	31.58 1.33 0.00	34.97 1.15 0.00	40.26 1.59 0.00	46.37 2.04 0.00	40.92 2.13 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.54 2.44 0.00	41.27 2.77 0.00	41.12 3.05 0.00	44.64 3.46 0.00	46.18 3.97 -0.01	52.36 4.37 0.00	60.34 4.42 0.00	67.05 3.98 0.00	69.93 3.83 0.00	66.51 3.53 0.00	55.55 3.14 0.00	49.46 2.84 0.00	40.84 2.49 0.00
NARROWS_GT1_7 24234	36.90 1.79 0.00	33.45 1.44 0.00	32.15 1.50 0.00	31.34 1.38 0.00	31.58 1.33 0.00	34.97 1.15 0.00	40.26 1.59 0.00	46.37 2.04 0.00	40.92 2.13 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.54 2.44 0.00	41.27 2.77 0.00	41.12 3.05 0.00	44.64 3.46 0.00	46.18 3.97 -0.01	52.36 4.37 0.00	60.34 4.42 0.00	67.05 3.98 0.00	69.93 3.83 0.00	66.51 3.53 0.00	55.55 3.14 0.00	49.46 2.84 0.00	40.84 2.49 0.00
NARROWS_GT1_8 24235	36.90 1.79 0.00	33.45 1.44 0.00	32.15 1.50 0.00	31.34 1.38 0.00	31.58 1.33 0.00	34.97 1.15 0.00	40.26 1.59 0.00	46.37 2.04 0.00	40.92 2.13 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.54 2.44 0.00	41.27 2.77 0.00	41.12 3.05 0.00	44.64 3.46 0.00	46.18 3.97 -0.01	52.36 4.37 0.00	60.34 4.42 0.00	67.05 3.98 0.00	69.93 3.83 0.00	66.51 3.53 0.00	55.55 3.14 0.00	49.46 2.84 0.00	40.84 2.49 0.00
NARROWS_GT2_1 24236	36.90 1.79 0.00	33.45 1.44 0.00	32.15 1.50 0.00	31.34 1.38 0.00	31.58 1.33 0.00	34.97 1.15 0.00	40.26 1.59 0.00	46.37 2.04 0.00	40.92 2.13 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.54 2.44 0.00	41.27 2.77 0.00	41.12 3.05 0.00	44.64 3.46 0.00	46.18 3.97 -0.01	52.36 4.37 0.00	60.34 4.42 0.00	67.05 3.98 0.00	69.93 3.83 0.00	66.51 3.53 0.00	55.55 3.14 0.00	49.46 2.84 0.00	40.84 2.49 0.00
NARROWS_GT2_2 24237	36.90 1.79 0.00	33.45 1.44 0.00	32.15 1.50 0.00	31.34 1.38 0.00	31.58 1.33 0.00	34.97 1.15 0.00	40.26 1.59 0.00	46.37 2.04 0.00	40.92 2.13 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.54 2.44 0.00	41.27 2.77 0.00	41.12 3.05 0.00	44.64 3.46 0.00	46.18 3.97 -0.01	52.36 4.37 0.00	60.34 4.42 0.00	67.05 3.98 0.00	69.93 3.83 0.00	66.51 3.53 0.00	55.55 3.14 0.00	49.46 2.84 0.00	40.84 2.49 0.00
NARROWS_GT2_3 24238	36.90 1.79 0.00	33.45 1.44 0.00	32.15 1.50 0.00	31.34 1.38 0.00	31.58 1.33 0.00	34.97 1.15 0.00	40.26 1.59 0.00	46.37 2.04 0.00	40.92 2.13 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.54 2.44 0.00	41.27 2.77 0.00	41.12 3.05 0.00	44.64 3.46 0.00	46.18 3.97 -0.01	52.36 4.37 0.00	60.34 4.42 0.00	67.05 3.98 0.00	69.93 3.83 0.00	66.51 3.53 0.00	55.55 3.14 0.00	49.46 2.84 0.00	40.84 2.49 0.00
NARROWS_GT2_4 24239	36.90 1.79 0.00	33.45 1.44 0.00	32.15 1.50 0.00	31.34 1.38 0.00	31.58 1.33 0.00	34.97 1.15 0.00	40.26 1.59 0.00	46.37 2.04 0.00	40.92 2.13 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.54 2.44 0.00	41.27 2.77 0.00	41.12 3.05 0.00	44.64 3.46 0.00	46.18 3.97 -0.01	52.36 4.37 0.00	60.34 4.42 0.00	67.05 3.98 0.00	69.93 3.83 0.00	66.51 3.53 0.00	55.55 3.14 0.00	49.46 2.84 0.00	40.84 2.49 0.00
NARROWS_GT2_5 24240	36.90 1.79 0.00	33.45 1.44 0.00	32.15 1.50 0.00	31.34 1.38 0.00	31.58 1.33 0.00	34.97 1.15 0.00	40.26 1.59 0.00	46.37 2.04 0.00	40.92 2.13 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.54 2.44 0.00	41.27 2.77 0.00	41.12 3.05 0.00	44.64 3.46 0.00	46.18 3.97 -0.01	52.36 4.37 0.00	60.34 4.42 0.00	67.05 3.98 0.00	69.93 3.83 0.00	66.51 3.53 0.00	55.55 3.14 0.00	49.46 2.84 0.00	40.84 2.49 0.00
NARROWS_GT2_6 24241	36.90 1.79 0.00	33.45 1.44 0.00	32.15 1.50 0.00	31.34 1.38 0.00	31.58 1.33 0.00	34.97 1.15 0.00	40.26 1.59 0.00	46.37 2.04 0.00	40.92 2.13 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.54 2.44 0.00	41.27 2.77 0.00	41.12 3.05 0.00	44.64 3.46 0.00	46.18 3.97 -0.01	52.36 4.37 0.00	60.34 4.42 0.00	67.05 3.98 0.00	69.93 3.83 0.00	66.51 3.53 0.00	55.55 3.14 0.00	49.46 2.84 0.00	40.84 2.49 0.00
NARROWS_GT2_7 24242	36.90 1.79 0.00	33.45 1.44 0.00	32.15 1.50 0.00	31.34 1.38 0.00	31.58 1.33 0.00	34.97 1.15 0.00	40.26 1.59 0.00	46.37 2.04 0.00	40.92 2.13 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.54 2.44 0.00	41.27 2.77 0.00	41.12 3.05 0.00	44.64 3.46 0.00	46.18 3.97 -0.01	52.36 4.37 0.00	60.34 4.42 0.00	67.05 3.98 0.00	69.93 3.83 0.00	66.51 3.53 0.00	55.55 3.14 0.00	49.46 2.84 0.00	40.84 2.49 0.00
NARROWS_GT2_8 24243	36.90 1.79 0.00	33.45 1.44 0.00	32.15 1.50 0.00	31.34 1.38 0.00	31.58 1.33 0.00	34.97 1.15 0.00	40.26 1.59 0.00	46.37 2.04 0.00	40.92 2.13 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.54 2.44 0.00	41.27 2.77 0.00	41.12 3.05 0.00	44.64 3.46 0.00	46.18 3.97 -0.01	52.36 4.37 0.00	60.34 4.42 0.00	67.05 3.98 0.00	69.93 3.83 0.00	66.51 3.53 0.00	55.55 3.14 0.00	49.46 2.84 0.00	40.84 2.49 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	36.77 1.65 0.00	33.48 1.47 0.00	32.06 1.41 0.00	31.28 1.32 0.00	31.55 1.30 0.00	35.24 1.42 0.00	40.14 1.47 0.00	45.84 1.51 0.00	39.72 0.93 0.00	36.57 0.75 0.00	37.32 0.77 0.00	38.86 0.76 0.00	39.19 0.69 0.00	39.10 1.03 0.00	42.33 1.15 0.00	43.35 1.14 0.00	49.34 1.34 0.00	57.83 1.90 0.00	65.60 2.52 0.00	69.14 3.04 0.00	66.07 3.09 0.00	54.92 2.52 0.00	48.90 2.28 0.00	40.35 1.99 0.00

NCHELSEA_115KV_TR2 355582	36.94 1.83 0.00	33.52 1.50 0.00	32.18 1.53 0.00	31.40 1.44 0.00	31.64 1.39 0.00	35.24 1.42 0.00	40.45 1.78 0.00	46.46 2.13 0.00	40.73 1.94 0.00	37.61 1.79 0.00	38.45 1.90 0.00	40.19 2.10 0.00	40.62 2.12 0.00	40.62 2.55 0.00	44.06 2.88 0.00	45.33 3.12 0.00	51.64 3.65 0.00	60.07 4.14 0.00	67.24 4.16 0.00	70.26 4.16 0.00	66.89 3.91 0.00	55.44 3.04 0.00	49.51 2.89 0.00	40.73 2.38 0.00
NEG CAPITAL___MECHNVIL 23645	37.12 2.00 0.00	33.80 1.79 0.00	32.37 1.72 0.00	31.61 1.65 0.00	31.91 1.66 0.00	35.68 1.86 0.00	40.68 2.01 0.00	46.63 2.30 0.00	40.46 1.67 0.00	37.36 1.54 0.00	38.16 1.61 0.00	39.70 1.60 0.00	40.15 1.65 0.00	39.82 1.75 0.00	42.99 1.81 0.00	44.15 1.94 0.00	50.25 2.26 0.00	58.94 3.02 0.00	66.67 3.59 0.00	70.26 4.17 0.00	67.08 4.09 0.00	55.81 3.40 0.00	49.65 3.03 0.00	40.84 2.49 0.00
NEG CENTRAL_HIGH_ACRES 23767	32.37 -2.53 0.22	29.09 -2.43 0.49	27.96 -2.36 0.33	27.56 -2.19 0.21	27.81 -2.15 0.29	30.54 -2.27 1.01	34.23 -2.55 1.88	39.74 -2.66 1.93	35.66 -2.02 1.11	33.37 -1.90 0.55	33.78 -2.01 0.77	34.59 -2.21 1.29	34.73 -2.35 1.42	34.50 -2.47 1.10	36.15 -2.68 2.36	37.17 -2.79 2.25	41.24 -3.21 3.53	47.67 -3.52 4.73	54.24 -3.53 5.30	57.98 -3.57 4.55	55.34 -3.53 4.12	46.81 -2.98 2.60	41.59 -3.31 1.72	35.29 -2.99 0.07
NEG CENTRAL___DRP 24199	36.10 0.07 -0.92	34.03 -0.03 -2.05	31.91 -0.12 -1.38	30.84 -0.03 -0.91	31.53 0.06 -1.22	38.33 0.24 -4.28	46.93 0.31 -7.95	52.79 0.31 -8.15	43.78 0.31 -4.68	38.27 0.14 -2.31	39.86 0.07 -3.24	43.59 0.04 -5.46	44.62 0.12 -6.00	42.51 -0.15 -4.60	47.82 -0.08 -6.72	47.82 -0.08 -5.70	55.57 -0.05 -7.62	65.13 0.45 -8.75	71.93 1.01 -7.85	73.06 1.39 -5.58	68.14 1.26 -3.90	54.84 0.52 -1.91	47.29 0.00 -0.68	38.34 -0.31 -0.30
NEG CENTRAL___INDECK 23768	38.23 -1.16 -4.27	40.31 -1.25 -9.55	35.82 -1.26 -6.43	33.13 -1.05 -4.22	35.04 -0.91 -5.70	52.97 -0.78 -19.93	74.86 -0.85 -37.04	81.38 -0.93 -37.98	59.76 -0.85 -21.82	45.49 -1.07 -10.75	50.40 -1.24 -15.09	62.10 -1.41 -25.41	65.03 -1.42 -27.95	57.85 -1.60 -21.38	70.16 -1.69 -30.67	66.23 -1.77 -25.79	80.18 -1.92 -34.11	92.98 -1.57 -38.62	96.17 -0.63 -33.73	89.64 0.13 -23.41	78.76 0.19 -15.58	59.50 -0.10 -7.20	47.32 -1.21 -1.92	38.25 -1.50 -1.39
NEG CENTRAL___SENECA 23627	36.95 0.35 -1.49	35.53 0.19 -3.32	32.98 0.09 -2.24	31.64 0.21 -1.47	32.57 0.33 -1.98	41.33 0.57 -6.93	52.25 0.70 -12.89	58.34 0.80 -13.21	47.08 0.70 -7.59	39.99 0.43 -3.74	42.13 0.33 -5.25	47.24 0.30 -8.84	48.61 0.38 -9.72	45.67 0.15 -7.45	52.22 0.29 -10.76	51.53 0.25 -9.07	60.46 0.43 -12.03	70.68 1.06 -13.69	77.11 1.96 -12.08	76.98 2.45 -8.44	70.91 2.20 -5.72	56.14 1.05 -2.69	47.75 0.33 -0.80	38.72 -0.12 -0.48
NEG CENTRAL___STATE_STREET 24147	35.20 -0.21 -0.30	32.41 -0.26 -0.66	30.79 -0.31 -0.44	30.01 -0.24 -0.29	30.46 -0.18 -0.39	35.06 -0.14 -1.38	41.08 -0.15 -2.56	46.73 -0.22 -2.62	40.22 -0.08 -1.51	36.38 -0.18 -0.74	37.38 -0.22 -1.04	39.59 -0.27 -1.76	40.20 -0.23 -1.93	39.09 -0.46 -1.47	42.88 -0.45 -2.16	43.57 -0.46 -1.83	49.91 -0.53 -2.45	58.46 -0.28 -2.81	65.70 0.13 -2.50	68.28 0.40 -1.79	64.55 0.31 -1.24	53.07 0.05 -0.61	46.56 -0.28 -0.22	37.99 -0.46 -0.10
NEG MILLWOOD___DRP 24198	37.05 1.93 0.00	33.61 1.60 0.00	32.27 1.62 0.00	31.46 1.50 0.00	31.73 1.48 0.00	35.37 1.56 0.00	40.60 1.93 0.00	46.63 2.31 0.00	40.92 2.13 0.00	37.83 2.01 0.00	38.67 2.12 0.00	40.42 2.32 0.00	40.93 2.43 0.00	40.92 2.86 0.00	44.31 3.13 0.00	45.59 3.38 0.00	51.93 3.94 0.00	60.29 4.36 0.00	67.43 4.35 0.00	70.52 4.43 0.00	67.15 4.16 0.00	55.60 3.20 0.00	49.70 3.08 0.00	40.84 2.49 0.00
NEG NORTH_FLCN_SEA 23793	34.83 -0.28 0.00	32.11 0.10 0.00	30.71 0.06 0.00	30.05 0.09 0.00	30.37 0.12 0.00	34.05 0.24 0.00	38.94 0.27 0.00	44.68 0.35 0.00	39.14 0.35 0.00	36.14 0.32 0.00	36.88 0.33 0.00	38.44 0.34 0.00	38.88 0.38 0.00	38.41 0.34 0.00	41.55 0.37 0.00	42.55 0.34 0.00	48.42 0.43 0.00	56.21 0.28 0.00	63.71 0.63 0.00	66.76 0.66 0.00	63.62 0.63 0.00	52.87 0.47 0.00	47.08 0.47 0.00	38.66 0.31 0.00
NEG NORTH_KES_CHATEGAY 23792	34.45 -0.67 0.00	31.79 -0.22 0.00	30.44 -0.21 0.00	29.78 -0.18 0.00	30.07 -0.18 0.00	33.68 -0.14 0.00	38.55 -0.12 0.00	44.20 -0.13 0.00	38.67 -0.12 0.00	35.68 -0.14 0.00	36.41 -0.15 0.00	37.94 -0.15 0.00	38.35 -0.15 0.00	37.92 -0.15 0.00	41.02 -0.16 0.00	42.00 -0.21 0.00	47.85 -0.14 0.00	55.59 -0.34 0.00	63.01 -0.06 0.00	66.03 -0.07 0.00	62.93 -0.06 0.00	52.35 -0.05 0.00	46.62 0.00 0.00	38.28 -0.08 0.00
NEG NORTH___ALICE_FALLS 23915	34.87 -0.25 0.00	32.14 0.13 0.00	30.74 0.09 0.00	30.08 0.12 0.00	30.40 0.15 0.00	34.09 0.27 0.00	39.02 0.35 0.00	44.73 0.40 0.00	39.14 0.35 0.00	36.14 0.32 0.00	36.85 0.29 0.00	38.40 0.30 0.00	38.88 0.38 0.00	38.41 0.34 0.00	41.55 0.37 0.00	42.55 0.34 0.00	48.47 0.48 0.00	56.26 0.34 0.00	63.90 0.82 0.00	67.02 0.93 0.00	63.81 0.82 0.00	53.03 0.63 0.00	47.22 0.61 0.00	38.74 0.38 0.00
NEG NORTH___LWR_SARANAC 23913	34.87 -0.25 0.00	32.14 0.13 0.00	30.74 0.09 0.00	30.08 0.12 0.00	30.40 0.15 0.00	34.09 0.27 0.00	39.02 0.35 0.00	44.73 0.40 0.00	39.14 0.35 0.00	36.14 0.32 0.00	36.85 0.29 0.00	38.40 0.30 0.00	38.88 0.38 0.00	38.41 0.34 0.00	41.55 0.37 0.00	42.55 0.34 0.00	48.47 0.48 0.00	56.26 0.34 0.00	63.90 0.82 0.00	67.02 0.93 0.00	63.81 0.82 0.00	53.03 0.63 0.00	47.22 0.61 0.00	38.74 0.38 0.00
NEG NORTH___PLATTSBURG 23628	34.87 -0.24 0.00	32.14 0.13 0.00	30.74 0.09 0.00	30.08 0.12 0.00	30.40 0.15 0.00	34.09 0.27 0.00	39.02 0.35 0.00	44.73 0.40 0.00	39.14 0.35 0.00	36.14 0.32 0.00	36.84 0.29 0.00	38.40 0.30 0.00	38.88 0.38 0.00	38.41 0.34 0.00	41.55 0.37 0.00	42.55 0.34 0.00	48.47 0.48 0.00	56.26 0.34 0.00	63.89 0.82 0.00	67.02 0.92 0.00	63.87 0.88 0.00	53.03 0.63 0.00	47.22 0.60 0.00	38.74 0.38 0.00
NEG WEST_LEA_LOCKPORT 23791	30.23 -3.79 1.09	26.02 -3.55 2.43	25.58 -3.43 1.64	25.68 -3.21 1.08	25.62 -3.18 1.46	25.37 -3.38 5.07	25.43 -3.83 9.41	30.69 -3.99 9.65	30.37 -2.87 5.55	30.32 -2.76 2.74	29.83 -2.89 3.84	28.43 -3.20 6.46	28.20 -3.20 7.11	29.17 -3.46 5.43	28.70 -3.79 8.69	30.52 -4.05 7.64	32.34 -4.90 10.76	37.41 -5.48 13.03	44.53 -5.93 12.61	49.99 -6.21 9.89	48.95 -6.24 7.80	42.22 -5.71 4.47	38.47 -5.73 2.41	33.12 -4.87 0.36
NEG WEST___LANCASTR 23811	31.99 -1.83 1.30	27.33 -1.79 2.89	26.96 -1.75 1.95	27.09 -1.59 1.28	26.95 -1.57 1.73	26.23 -1.56 6.03	25.77 -1.70 11.20	31.25 -1.60 11.49	31.30 -0.89 6.60	31.71 -0.86 3.25	31.04 -0.95 4.56	29.30 -1.10 7.69	28.97 -1.08 8.45	30.48 -1.29 6.29	29.89 -1.36 9.93	32.10 -1.48 8.64	34.13 -1.82 12.04	39.80 -1.73 14.40	50.14 -1.77 11.17	53.61 -1.85 10.64	53.66 -2.08 7.25	45.50 -2.25 4.65	41.60 -2.61 2.41	35.47 -2.45 0.42

NEG_PENN_ALLEGHNY 23528	35.53 0.18 -0.24	32.63 0.10 -0.53	31.07 0.06 -0.35	30.31 0.12 -0.23	30.72 0.15 -0.31	35.15 0.24 -1.10	40.98 0.27 -2.04	46.77 0.35 -2.09	40.38 0.39 -1.20	36.70 0.29 -0.59	37.64 0.26 -0.83	39.76 0.27 -1.40	40.31 0.27 -1.54	39.46 0.19 -1.20	43.06 0.29 -1.59	43.75 0.25 -1.28	49.93 0.34 -1.60	58.23 0.62 -1.69	65.30 0.88 -1.34	67.81 0.99 -0.72	64.19 0.88 -0.32	52.99 0.58 -0.01	46.67 0.23 0.18	38.47 0.04 -0.08
NEG___GEN_MONROE 24207	32.55 -2.28 0.28	29.17 -2.21 0.63	28.02 -2.21 0.43	27.64 -2.04 0.28	27.91 -1.97 0.38	30.47 -2.03 1.32	33.97 -2.24 2.45	39.51 -2.31 2.52	35.68 -1.67 1.45	33.53 -1.58 0.71	33.87 -1.68 1.00	34.51 -1.90 1.68	34.76 -1.89 1.85	34.55 -2.09 1.43	35.88 -2.39 2.91	37.02 -2.45 2.74	40.83 -2.93 4.24	47.13 -3.19 5.61	53.98 -2.96 6.13	57.94 -2.91 5.25	55.36 -2.96 4.67	46.63 -2.83 2.94	41.72 -2.98 1.92	35.54 -2.72 0.09
NEPA___ENERGY 23901	30.99 -2.77 1.35	26.38 -2.62 3.01	26.08 -2.54 2.03	26.26 -2.37 1.33	26.06 -2.39 1.80	25.03 -2.50 6.28	24.22 -2.78 11.67	29.48 -2.88 11.97	29.86 -2.06 6.88	30.50 -1.93 3.39	29.79 -2.01 4.75	27.96 -2.13 8.01	27.58 -2.12 8.81	29.25 -2.28 6.53	28.56 -2.35 10.27	30.83 -2.45 8.93	32.73 -2.83 12.43	38.24 -2.85 14.84	47.18 -3.15 12.74	51.88 -3.30 10.91	51.53 -3.53 7.93	44.10 -3.56 4.74	40.22 -3.96 2.44	34.31 -3.61 0.44
NEVERSINK___HYD 23608	36.59 1.47 0.00	33.20 1.19 0.00	31.84 1.19 0.00	31.07 1.11 0.00	31.28 1.03 0.00	34.90 1.08 0.00	40.02 1.35 0.00	45.92 1.59 0.00	40.30 1.51 0.00	37.22 1.40 0.00	38.02 1.46 0.00	39.70 1.60 0.00	40.31 1.81 0.00	40.08 2.02 0.00	43.48 2.30 0.00	44.74 2.53 0.00	50.97 2.98 0.00	59.34 3.41 0.00	66.61 3.53 0.00	69.60 3.50 0.00	66.39 3.40 0.00	54.97 2.57 0.00	49.04 2.42 0.00	40.31 1.95 0.00
NEWKRMKL_115KV_TB1 55635	36.03 0.91 0.00	32.81 0.80 0.00	31.45 0.80 0.00	30.71 0.75 0.00	30.98 0.73 0.00	34.59 0.78 0.00	39.48 0.81 0.00	45.26 0.93 0.00	39.41 0.62 0.00	36.43 0.61 0.00	37.21 0.66 0.00	38.78 0.69 0.00	39.15 0.65 0.00	38.94 0.88 0.00	42.09 0.91 0.00	43.10 0.89 0.00	48.90 0.91 0.00	57.05 1.12 0.00	64.34 1.26 0.00	67.55 1.45 0.00	64.50 1.51 0.00	53.71 1.31 0.00	47.78 1.17 0.00	39.50 1.15 0.00
NEWTON___FALLS_HYD 23847	35.12 0.00 0.00	31.98 -0.03 0.00	30.56 -0.09 0.00	29.81 -0.15 0.00	30.01 -0.24 0.00	33.65 -0.17 0.00	38.40 -0.27 0.00	44.15 -0.18 0.00	38.48 -0.31 0.00	35.43 -0.39 0.00	35.97 -0.58 0.00	37.52 -0.57 0.00	37.73 -0.77 0.00	37.23 -0.84 0.00	40.11 -1.07 0.00	41.11 -1.10 0.00	46.79 -1.20 0.00	54.70 -1.23 0.00	62.38 -0.69 0.00	65.50 -0.59 0.00	62.36 -0.63 0.00	51.93 -0.47 0.00	46.39 -0.23 0.00	38.01 -0.35 0.00
NGRID_A1_DSASP 323792	29.81 -4.18 1.13	25.59 -3.91 2.52	25.18 -3.77 1.70	25.28 -3.57 1.11	25.21 -3.54 1.50	24.77 -3.79 5.26	24.61 -4.29 9.77	29.79 -4.52 10.02	29.66 -3.37 5.76	29.83 -3.15 2.83	29.28 -3.29 3.98	27.77 -3.62 6.70	27.51 -3.62 7.37	28.69 -3.92 5.46	28.03 -4.32 8.83	29.72 -4.81 7.67	31.24 -5.95 10.80	35.99 -6.82 13.11	42.42 -7.44 13.22	48.35 -7.80 9.94	47.07 -7.75 8.17	41.52 -6.39 4.49	38.27 -5.92 2.43	32.19 -5.79 0.37
NGRID_A2_DSASP 323793	29.81 -4.18 1.13	25.59 -3.91 2.52	25.18 -3.77 1.70	25.28 -3.57 1.11	25.21 -3.54 1.50	24.77 -3.79 5.26	24.61 -4.29 9.77	29.79 -4.52 10.02	29.66 -3.37 5.76	29.83 -3.15 2.83	29.28 -3.29 3.98	27.77 -3.62 6.70	27.51 -3.62 7.37	28.69 -3.92 5.46	28.03 -4.32 8.83	29.72 -4.81 7.67	31.24 -5.95 10.80	35.99 -6.82 13.11	42.42 -7.44 13.22	48.35 -7.80 9.94	47.07 -7.75 8.17	41.52 -6.39 4.49	38.27 -5.92 2.43	32.19 -5.79 0.37
NGRID_A4_DSASP 323807	29.81 -4.18 1.13	25.59 -3.91 2.52	25.18 -3.77 1.70	25.28 -3.57 1.11	25.21 -3.54 1.50	24.77 -3.79 5.26	24.61 -4.29 9.77	29.79 -4.52 10.02	29.66 -3.37 5.76	29.83 -3.15 2.83	29.28 -3.29 3.98	27.77 -3.62 6.70	27.51 -3.62 7.37	28.69 -3.92 5.46	28.03 -4.32 8.83	29.72 -4.81 7.67	31.24 -5.95 10.80	35.99 -6.82 13.11	42.42 -7.44 13.22	48.35 -7.80 9.94	47.07 -7.75 8.17	41.52 -6.39 4.49	38.27 -5.92 2.43	32.19 -5.79 0.37
NIAGARA_115E_LBMP 323715	29.95 -4.07 1.09	25.78 -3.81 2.42	25.34 -3.68 1.64	25.41 -3.47 1.08	25.38 -3.42 1.45	25.13 -3.65 5.04	25.19 -4.14 9.35	30.45 -4.30 9.58	30.10 -3.18 5.51	30.05 -3.04 2.72	29.56 -3.18 3.82	28.21 -3.47 6.42	27.75 -3.70 7.06	28.73 -3.88 5.45	28.20 -4.16 8.83	29.98 -4.56 7.67	31.77 -5.42 10.80	36.55 -6.26 13.11	42.93 -6.94 13.21	48.82 -7.34 9.94	47.58 -7.24 8.17	41.36 -6.55 4.49	37.49 -6.71 2.42	32.35 -5.64 0.37
NIAGARA_115W_LBMP 323714	29.78 -4.21 1.12	25.60 -3.91 2.50	25.19 -3.77 1.69	25.26 -3.60 1.11	25.22 -3.54 1.50	24.80 -3.79 5.23	24.66 -4.29 9.72	29.89 -4.48 9.96	29.69 -3.38 5.72	29.81 -3.19 2.82	29.27 -3.33 3.96	27.85 -3.58 6.67	27.36 -3.81 7.33	28.62 -4.00 5.45	27.99 -4.37 8.83	29.64 -4.90 7.67	31.19 -6.00 10.80	35.93 -6.88 13.11	42.29 -7.57 13.21	48.22 -7.93 9.94	46.94 -7.88 8.17	42.25 -5.66 4.49	38.13 -6.06 2.43	32.08 -5.91 0.36
NIAGARA_230_LBMP 323716	29.93 -4.11 1.07	25.77 -3.84 2.40	25.33 -3.71 1.62	25.40 -3.51 1.06	25.34 -3.48 1.43	25.12 -3.69 5.02	25.17 -4.18 9.33	30.38 -4.39 9.56	30.00 -3.30 5.49	30.00 -3.12 2.70	29.50 -3.25 3.80	28.16 -3.54 6.40	27.73 -3.73 7.04	28.75 -3.88 5.43	28.17 -4.20 8.81	30.00 -4.56 7.65	31.79 -5.42 10.78	36.74 -6.09 13.09	43.26 -6.62 13.19	49.17 -7.01 9.92	47.91 -6.93 8.15	42.27 -5.66 4.47	38.29 -5.92 2.41	32.79 -5.22 0.35
NIAGARA___115KV_198_GIBSON 55903	29.78 -4.21 1.12	25.60 -3.91 2.50	25.19 -3.77 1.69	25.29 -3.57 1.11	25.19 -3.57 1.50	24.80 -3.79 5.23	24.66 -4.29 9.72	29.85 -4.52 9.96	29.69 -3.37 5.72	29.81 -3.19 2.82	29.27 -3.33 3.96	27.81 -3.62 6.67	27.55 -3.62 7.33	28.66 -3.96 5.45	27.99 -4.37 8.83	29.69 -4.85 7.67	31.15 -6.05 10.80	35.88 -6.93 13.11	42.29 -7.57 13.21	48.22 -7.93 9.94	46.94 -7.87 8.17	41.47 -6.45 4.49	38.23 -5.97 2.43	32.12 -5.87 0.36
NIAGARA____ 23760	29.93 -4.11 1.07	25.77 -3.84 2.40	25.32 -3.71 1.62	25.39 -3.51 1.06	25.34 -3.48 1.43	25.11 -3.69 5.02	25.17 -4.18 9.33	30.38 -4.39 9.56	30.00 -3.30 5.49	30.00 -3.12 2.70	29.50 -3.25 3.80	28.16 -3.54 6.40	27.73 -3.73 7.04	28.75 -3.88 5.44	28.17 -4.20 8.81	30.00 -4.56 7.65	31.78 -5.42 10.78	36.73 -6.09 13.10	43.25 -6.62 13.20	49.16 -7.01 9.93	47.90 -6.93 8.16	42.26 -5.66 4.48	38.28 -5.92 2.41	32.77 -5.22 0.36
NINE_MILE_1 23575	34.06 -1.05 0.00	31.02 -0.99 0.00	29.67 -0.98 0.00	29.03 -0.93 0.00	29.34 -0.91 0.00	32.84 -0.98 0.00	37.55 -1.12 0.00	43.00 -1.33 0.00	37.63 -1.16 0.00	34.75 -1.07 0.00	35.42 -1.13 0.00	36.88 -1.22 0.00	37.15 -1.35 0.00	36.62 -1.45 0.00	34.02 -1.56 5.59	33.96 -1.60 6.64	33.37 -1.82 12.80	34.18 -2.01 19.74	35.57 -2.14 25.37	39.86 -2.18 24.05	37.18 -2.08 23.73	34.57 -1.78 16.05	33.20 -1.72 11.69	36.89 -1.46 0.00

NINE_MILE_2 23744	34.06 -1.05 0.00	31.02 -0.99 0.00	29.67 -0.98 0.00	29.03 -0.93 0.00	29.34 -0.91 0.00	32.84 -0.98 0.00	37.55 -1.12 0.00	43.00 -1.33 0.00	37.66 -1.13 0.00	34.75 -1.07 0.00	35.42 -1.13 0.00	36.91 -1.18 0.00	37.15 -1.35 0.00	36.62 -1.45 0.00	33.95 -1.56 5.66	33.88 -1.60 6.73	33.20 -1.82 12.96	33.92 -2.01 20.00	35.24 -2.14 25.70	39.55 -2.18 24.36	36.87 -2.08 24.04	34.36 -1.78 16.26	33.05 -1.72 11.84	36.89 -1.46 0.00
NM_CAPITAL___DRP 24208	36.13 1.02 0.00	32.91 0.90 0.00	31.54 0.89 0.00	30.80 0.84 0.00	31.07 0.82 0.00	34.70 0.88 0.00	39.64 0.97 0.00	45.39 1.06 0.00	39.49 0.70 0.00	36.54 0.72 0.00	37.32 0.77 0.00	38.90 0.80 0.00	39.27 0.77 0.00	39.06 0.99 0.00	42.25 1.07 0.00	43.22 1.01 0.00	49.05 1.06 0.00	57.21 1.29 0.00	64.46 1.39 0.00	67.62 1.52 0.00	64.63 1.64 0.00	53.82 1.41 0.00	47.92 1.31 0.00	39.58 1.23 0.00
NM_CENTRAL___DRP 24181	34.62 -0.49 0.00	31.50 -0.51 0.00	30.10 -0.55 0.00	29.48 -0.48 0.00	29.80 -0.45 0.00	33.34 -0.47 0.00	38.17 -0.50 0.00	43.71 -0.62 0.00	38.36 -0.43 0.00	35.39 -0.43 0.00	36.11 -0.44 0.00	37.60 -0.50 0.00	38.00 -0.50 0.00	37.35 -0.72 0.00	40.09 -0.78 0.31	41.08 -0.76 0.37	46.38 -0.91 0.70	53.95 -0.89 1.09	60.86 -0.82 1.40	64.04 -0.73 1.32	60.93 -0.76 1.31	50.78 -0.73 0.88	45.14 -0.84 0.64	37.55 -0.81 0.00
NM_FRONTIER___DRP 24179	29.78 -4.21 1.12	25.60 -3.91 2.50	25.19 -3.77 1.69	25.29 -3.57 1.11	25.19 -3.57 1.50	24.80 -3.79 5.23	24.66 -4.29 9.72	29.85 -4.52 9.96	29.69 -3.37 5.72	29.81 -3.19 2.82	29.27 -3.33 3.96	27.81 -3.62 6.67	27.55 -3.62 7.33	28.66 -3.96 5.45	27.99 -4.37 8.83	29.69 -4.85 7.67	31.15 -6.05 10.80	35.88 -6.93 13.11	42.29 -7.57 13.21	48.22 -7.93 9.94	46.94 -7.87 8.17	41.47 -6.45 4.49	38.23 -5.97 2.43	32.12 -5.87 0.36
NM_ST_REGIS___HYD 24053	34.66 -0.46 0.00	31.75 -0.26 0.00	30.37 -0.28 0.00	29.69 -0.27 0.00	29.95 -0.30 0.00	33.61 -0.20 0.00	38.40 -0.27 0.00	44.06 -0.27 0.00	38.48 -0.31 0.00	35.50 -0.32 0.00	36.15 -0.40 0.00	37.68 -0.42 0.00	37.92 -0.58 0.00	37.38 -0.69 0.00	40.27 -0.91 0.00	41.24 -0.97 0.00	46.98 -1.01 0.00	54.53 -1.40 0.00	62.00 -1.07 0.00	65.04 -1.06 0.00	61.98 -1.01 0.00	51.62 -0.79 0.00	46.20 -0.42 0.00	38.01 -0.35 0.00
NORTHPORT___1 23551	37.69 2.56 -0.01	33.90 1.89 0.00	32.58 1.93 0.00	31.73 1.77 0.00	32.03 1.78 0.00	35.95 2.13 0.00	40.99 2.32 0.00	46.94 2.61 0.00	41.16 2.37 0.00	38.54 2.72 0.00	40.70 2.63 -1.52	40.88 2.78 0.00	41.35 2.85 0.00	41.43 3.35 -0.01	44.76 3.58 0.00	49.23 3.88 -3.14	52.26 4.27 0.00	60.29 4.37 0.00	66.35 3.28 0.01	69.39 3.30 0.01	65.76 2.77 0.00	54.70 2.30 0.00	50.02 3.40 0.00	41.50 3.15 0.00
NORTHPORT___2 23552	37.69 2.56 -0.01	33.90 1.89 0.00	32.58 1.93 0.00	31.73 1.77 0.00	32.03 1.78 0.00	35.95 2.13 0.00	40.99 2.32 0.00	46.94 2.61 0.00	41.16 2.37 0.00	38.54 2.72 0.00	40.70 2.63 -1.52	40.88 2.78 0.00	41.35 2.85 0.00	41.43 3.35 -0.01	44.76 3.58 0.00	49.23 3.88 -3.14	52.26 4.27 0.00	60.29 4.37 0.00	66.35 3.28 0.01	69.39 3.30 0.01	65.76 2.77 0.00	54.70 2.30 0.00	50.02 3.40 0.00	41.50 3.15 0.00
NORTHPORT___3 23553	37.65 2.53 -0.01	33.83 1.82 0.00	32.55 1.90 0.00	31.70 1.74 0.00	32.00 1.75 0.00	35.88 2.06 0.00	40.91 2.24 0.00	46.85 2.53 0.00	41.08 2.29 0.00	38.43 2.61 0.00	40.63 2.56 -1.52	40.80 2.71 0.00	41.27 2.77 0.00	41.35 3.27 -0.01	44.68 3.50 0.00	49.15 3.80 -3.14	52.22 4.22 0.00	60.23 4.31 0.00	66.35 3.28 0.01	69.39 3.30 0.01	65.69 2.71 0.00	54.65 2.25 0.00	49.93 3.31 0.00	41.46 3.11 0.00
NORTHPORT___4 23650	37.65 2.53 -0.01	33.83 1.82 0.00	32.55 1.90 0.00	31.70 1.74 0.00	32.00 1.75 0.00	35.88 2.06 0.00	40.91 2.24 0.00	46.85 2.53 0.00	41.08 2.29 0.00	38.43 2.61 0.00	40.63 2.56 -1.52	40.80 2.71 0.00	41.27 2.77 0.00	41.35 3.27 -0.01	44.68 3.50 0.00	49.15 3.80 -3.14	52.22 4.22 0.00	60.23 4.31 0.00	66.35 3.28 0.01	69.39 3.30 0.01	65.69 2.71 0.00	54.65 2.25 0.00	49.93 3.31 0.00	41.46 3.11 0.00
NORTHPORT___IC 23718	37.68 2.56 0.00	33.90 1.89 0.00	32.58 1.93 0.00	31.73 1.77 0.00	32.04 1.78 0.00	35.95 2.13 0.00	40.99 2.32 0.00	47.21 2.88 0.00	41.16 2.37 0.00	38.54 2.72 0.00	40.70 2.63 -1.52	40.92 2.82 0.00	41.12 2.62 0.00	41.38 3.31 0.00	44.76 3.58 0.00	49.23 3.88 -3.14	52.31 4.32 0.00	60.39 4.47 0.01	66.86 3.78 0.01	69.66 3.57 0.01	65.82 2.83 0.00	54.81 2.41 0.00	50.11 3.50 0.00	41.46 3.11 0.00
NORTH___COUNTRY_ESR 323785	34.38 -0.74 0.00	31.75 -0.26 0.00	30.37 -0.28 0.00	29.72 -0.24 0.00	30.04 -0.21 0.00	33.65 -0.17 0.00	38.48 -0.19 0.00	44.15 -0.18 0.00	38.67 -0.12 0.00	35.71 -0.11 0.00	36.44 -0.11 0.00	37.98 -0.11 0.00	38.42 -0.08 0.00	37.95 -0.11 0.00	41.06 -0.12 0.00	42.04 -0.17 0.00	47.85 -0.14 0.00	55.59 -0.33 0.00	62.95 -0.13 0.00	65.90 -0.20 0.00	62.80 -0.19 0.00	52.24 -0.16 0.00	46.53 -0.09 0.00	38.20 -0.15 0.00
NPX_GEN_1385_PROXY 323591	37.93 2.81 -0.01	34.09 2.08 0.00	32.80 2.14 0.00	31.94 1.98 0.00	32.25 2.00 0.00	36.42 2.60 0.00	41.80 3.13 0.00	47.30 2.97 0.00	41.16 2.37 0.00	38.79 2.97 0.00	40.63 2.56 -1.52	40.88 2.78 0.00	41.35 2.85 0.00	41.70 3.62 -0.01	44.68 3.50 0.00	49.15 3.80 -3.14	52.16 4.17 0.00	59.89 3.97 0.00	65.91 2.84 0.01	68.93 2.84 0.01	66.26 3.27 0.00	55.97 2.62 -0.95	49.49 3.82 0.95	41.50 3.15 0.00
NPX_GEN_CSC 323557	38.18 3.05 -0.01	34.28 2.27 0.00	33.04 2.39 0.00	32.18 2.22 0.00	32.52 2.27 0.00	36.52 2.71 0.00	41.57 2.90 0.00	47.52 3.19 0.00	41.93 3.14 0.00	39.33 3.51 0.00	41.29 3.22 -1.52	41.37 3.28 0.00	41.69 3.19 0.00	41.65 3.58 -0.01	45.01 3.83 0.00	49.57 4.22 -3.14	52.84 4.85 0.00	60.67 4.75 0.00	66.79 3.72 0.00	69.59 3.50 0.00	65.95 2.96 0.00	55.87 2.52 -0.95	49.35 3.68 0.95	41.92 3.57 0.00
NSINS_S_GLNS_FALLS 23858	37.78 2.67 0.00	34.44 2.43 0.00	32.95 2.30 0.00	32.18 2.22 0.00	32.49 2.24 0.00	36.35 2.54 0.00	41.42 2.75 0.00	47.52 3.19 0.00	41.08 2.29 0.00	37.93 2.11 0.00	38.67 2.12 0.00	39.96 1.87 0.00	40.27 1.77 0.00	39.97 1.90 0.00	43.03 1.85 0.00	43.31 1.10 0.00	49.43 1.44 0.00	58.28 2.35 0.00	66.17 3.09 0.00	70.26 4.16 0.00	67.08 4.09 0.00	55.86 3.46 0.00	49.60 2.98 0.00	41.80 3.45 0.00
NUCOR_STEEL___DRP 24197	35.09 -0.18 -0.15	32.09 -0.26 -0.34	30.60 -0.28 -0.23	29.90 -0.21 -0.15	30.30 -0.15 -0.20	34.42 -0.10 -0.71	39.83 -0.15 -1.32	45.46 -0.22 -1.35	39.45 -0.12 -0.78	35.99 -0.21 -0.38	36.83 -0.26 -0.54	38.66 -0.34 -0.90	39.19 -0.31 -0.99	38.30 -0.53 -0.76	41.76 -0.54 -1.11	42.60 -0.55 -0.94	48.63 -0.62 -1.26	56.93 -0.45 -1.45	64.24 -0.13 -1.29	67.15 0.13 -0.92	63.69 0.06 -0.64	52.61 -0.10 -0.32	46.40 -0.33 -0.11	37.94 -0.46 -0.05

NUMBER_THREE_WT_PWR 323818	35.75 0.63 0.00	32.43 0.42 0.00	30.96 0.31 0.00	30.08 0.12 0.00	30.22 -0.03 0.00	33.85 0.03 0.00	38.63 -0.04 0.00	44.51 0.18 0.00	38.71 -0.08 0.00	35.64 -0.18 0.00	36.15 -0.40 0.00	37.68 -0.42 0.00	37.92 -0.58 0.00	37.57 -0.50 0.00	40.56 -0.62 0.00	41.66 -0.55 0.00	47.37 -0.63 0.00	55.70 -0.22 0.00	63.71 0.63 0.00	66.89 0.80 0.00	63.55 0.57 0.00	52.82 0.42 0.00	47.04 0.42 0.00	38.31 -0.04 0.00
NYISO_LBMP_REFERENCE 24008	35.12 0.00 0.00	32.01 0.00 0.00	30.65 0.00 0.00	29.96 0.00 0.00	30.25 0.00 0.00	33.82 0.00 0.00	38.67 0.00 0.00	44.33 0.00 0.00	38.79 0.00 0.00	35.82 0.00 0.00	36.55 0.00 0.00	38.10 0.00 0.00	38.50 0.00 0.00	38.07 0.00 0.00	41.18 0.00 0.00	42.21 0.00 0.00	47.99 0.00 0.00	55.93 0.00 0.00	63.08 0.00 0.00	66.10 0.00 0.00	62.99 0.00 0.00	52.40 0.00 0.00	46.62 0.00 0.00	38.35 0.00 0.00
NYPA_BRENTWD____GT 24164	38.11 2.98 -0.01	34.22 2.21 0.00	32.89 2.24 0.00	32.03 2.07 0.00	32.34 2.09 0.00	36.28 2.47 0.00	41.42 2.75 0.00	47.48 3.15 0.00	41.70 2.91 0.00	39.04 3.23 0.00	41.25 3.18 -1.52	41.41 3.31 0.00	41.81 3.31 0.00	41.92 3.84 -0.01	45.34 4.16 0.00	49.82 4.47 -3.14	53.03 5.04 0.00	61.07 5.14 0.00	67.30 4.23 0.00	70.32 4.23 0.00	66.58 3.59 0.00	55.49 3.09 0.00	50.58 3.96 0.00	41.96 3.60 0.00
NYPA_GOWANUS____GT5 24156	36.90 1.79 0.00	33.45 1.44 0.00	32.15 1.50 0.00	31.34 1.38 0.00	31.58 1.33 0.00	34.97 1.15 0.00	40.26 1.59 0.00	46.37 2.04 0.00	40.92 2.13 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.54 2.44 0.00	41.27 2.77 0.00	41.12 3.05 0.00	44.64 3.46 0.00	46.18 3.97 -0.01	52.36 4.37 0.00	60.34 4.42 0.00	67.05 3.98 0.00	69.86 3.77 0.00	66.45 3.46 0.00	55.55 3.14 0.00	49.46 2.84 0.00	40.84 2.49 0.00
NYPA_GOWANUS____GT6 24157	36.90 1.79 0.00	33.45 1.44 0.00	32.15 1.50 0.00	31.34 1.38 0.00	31.58 1.33 0.00	34.97 1.15 0.00	40.26 1.59 0.00	46.37 2.04 0.00	40.92 2.13 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.54 2.44 0.00	41.27 2.77 0.00	41.12 3.05 0.00	44.64 3.46 0.00	46.18 3.97 -0.01	52.36 4.37 0.00	60.34 4.42 0.00	67.05 3.98 0.00	69.86 3.77 0.00	66.45 3.46 0.00	55.55 3.14 0.00	49.46 2.84 0.00	40.84 2.49 0.00
NYPA_HARLEM__RVR__GT1 24160	36.73 1.62 0.00	33.45 1.44 0.00	32.24 1.59 0.00	31.43 1.47 0.00	31.67 1.42 0.00	34.86 1.05 0.01	40.13 1.47 0.01	46.23 1.90 0.01	40.80 2.02 0.01	37.78 1.97 0.01	38.59 2.05 0.01	40.37 2.29 0.01	41.11 2.62 0.01	40.95 2.89 0.01	44.39 3.21 0.01	45.89 3.67 -0.01	52.02 4.03 0.01	60.00 4.08 0.01	66.73 3.66 0.01	69.59 3.50 0.01	66.19 3.21 0.01	55.12 2.72 0.01	49.22 2.61 0.01	40.77 2.42 0.00
NYPA_HARLEM__RVR__GT2 24161	36.73 1.62 0.00	33.45 1.44 0.00	32.24 1.59 0.00	31.43 1.47 0.00	31.67 1.42 0.00	34.86 1.05 0.01	40.13 1.47 0.01	46.23 1.90 0.01	40.80 2.02 0.01	37.78 1.97 0.01	38.59 2.05 0.01	40.37 2.29 0.01	41.11 2.62 0.01	40.95 2.89 0.01	44.39 3.21 0.01	45.89 3.67 -0.01	52.02 4.03 0.01	60.00 4.08 0.01	66.73 3.66 0.01	69.59 3.50 0.01	66.19 3.21 0.01	55.12 2.72 0.01	49.22 2.61 0.01	40.77 2.42 0.00
NYPA_KENT____GT 24152	36.87 1.76 0.00	33.48 1.47 0.00	32.18 1.53 0.00	31.37 1.41 0.00	31.61 1.36 0.00	35.00 1.18 0.00	40.29 1.62 0.00	46.41 2.08 0.00	40.96 2.17 0.00	37.93 2.11 0.00	38.78 2.23 0.00	40.54 2.44 0.00	41.27 2.77 0.00	41.12 3.05 0.00	44.60 3.42 0.00	46.10 3.88 -0.01	52.31 4.32 0.00	60.29 4.37 0.00	67.05 3.98 0.00	69.93 3.83 0.00	66.51 3.53 0.00	55.49 3.09 0.00	49.46 2.84 0.00	40.84 2.49 0.00
NYPA_POUCH1____GT 24155	36.73 1.62 0.00	33.32 1.31 0.00	32.00 1.35 0.00	31.19 1.23 0.00	31.43 1.18 0.00	34.80 0.98 0.00	39.80 1.39 0.26	39.78 1.82 6.37	37.92 1.94 2.81	37.67 1.90 0.04	37.96 2.01 0.60	38.20 2.25 2.15	41.08 2.58 0.00	40.96 2.89 0.00	44.48 3.30 0.00	46.06 3.84 -0.01	52.22 4.22 0.00	59.63 4.20 0.50	62.77 3.66 3.96	66.85 3.50 2.75	63.97 3.21 2.23	55.33 2.93 0.00	49.27 2.66 0.00	38.13 2.30 2.53
NYPA_VERNON____GT2 24162	36.87 1.76 0.00	33.48 1.47 0.00	32.21 1.56 0.00	31.40 1.44 0.00	31.64 1.39 0.00	35.07 1.25 0.00	40.37 1.70 0.00	46.46 2.13 0.00	40.96 2.17 0.00	37.97 2.15 0.00	38.78 2.23 0.00	40.57 2.47 0.00	41.27 2.77 0.00	41.12 3.05 0.00	44.56 3.38 0.00	46.06 3.84 -0.01	52.22 4.22 0.00	60.29 4.37 0.00	67.05 3.98 0.00	69.93 3.83 0.00	66.51 3.53 0.00	55.39 2.99 0.00	49.46 2.84 0.00	40.84 2.49 0.00
NYPA_VERNON____GT3 24163	36.87 1.76 0.00	33.48 1.47 0.00	32.21 1.56 0.00	31.40 1.44 0.00	31.64 1.39 0.00	35.07 1.25 0.00	40.37 1.70 0.00	46.46 2.13 0.00	40.96 2.17 0.00	37.97 2.15 0.00	38.78 2.23 0.00	40.57 2.47 0.00	41.27 2.77 0.00	41.12 3.05 0.00	44.56 3.38 0.00	46.06 3.84 -0.01	52.22 4.22 0.00	60.29 4.37 0.00	67.05 3.98 0.00	69.93 3.83 0.00	66.51 3.53 0.00	55.39 2.99 0.00	49.46 2.84 0.00	40.84 2.49 0.00
NYPA__ASTORIA_CC1 323568	36.84 1.72 0.00	33.48 1.47 0.00	32.18 1.53 0.00	31.40 1.44 0.00	31.64 1.39 0.00	35.00 1.18 0.00	40.29 1.62 0.00	46.41 2.08 0.00	40.92 2.13 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.50 2.40 0.00	41.23 2.73 0.00	41.04 2.97 0.00	44.48 3.30 0.00	45.97 3.76 -0.01	52.17 4.17 0.00	60.18 4.25 0.00	66.93 3.85 0.00	69.79 3.70 0.00	66.45 3.46 0.00	55.33 2.93 0.00	49.42 2.80 0.00	40.81 2.46 0.00
NYPA__ASTORIA_CC2 323569	36.84 1.72 0.00	33.48 1.47 0.00	32.18 1.53 0.00	31.40 1.44 0.00	31.64 1.39 0.00	35.00 1.18 0.00	40.29 1.62 0.00	46.41 2.08 0.00	40.92 2.13 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.50 2.40 0.00	41.23 2.73 0.00	41.04 2.97 0.00	44.48 3.30 0.00	45.97 3.76 -0.01	52.17 4.17 0.00	60.18 4.25 0.00	66.93 3.85 0.00	69.79 3.70 0.00	66.45 3.46 0.00	55.33 2.93 0.00	49.42 2.80 0.00	40.81 2.46 0.00
NYPA__HOLTSVILL 23794	37.97 2.84 -0.01	34.09 2.08 0.00	32.80 2.14 0.00	31.97 2.01 0.00	32.28 2.03 0.00	36.22 2.40 0.00	41.26 2.59 0.00	47.30 2.97 0.00	41.54 2.75 0.00	38.97 3.15 0.00	41.07 3.00 -1.52	41.22 3.12 0.00	41.54 3.04 0.00	41.62 3.54 -0.01	44.97 3.79 0.00	49.49 4.14 -3.14	52.65 4.65 0.00	60.73 4.81 0.00	66.86 3.78 0.01	69.86 3.77 0.01	66.14 3.15 0.00	54.97 2.57 0.00	50.21 3.59 0.00	41.73 3.38 0.00
NYPA__HELLGATE_GT1 24158	36.73 1.62 0.00	33.45 1.44 0.00	32.24 1.59 0.00	31.43 1.47 0.00	31.67 1.42 0.00	34.86 1.05 0.01	40.13 1.47 0.01	46.23 1.90 0.01	40.80 2.02 0.01	37.78 1.97 0.01	38.59 2.05 0.01	40.37 2.29 0.01	41.11 2.62 0.01	40.95 2.89 0.01	44.39 3.21 0.01	45.89 3.67 -0.01	52.02 4.03 0.01	60.00 4.08 0.01	66.73 3.66 0.01	69.59 3.50 0.01	66.19 3.21 0.01	55.12 2.72 0.01	49.22 2.61 0.01	40.77 2.42 0.00

NYPY____HELLGATE_GT2 24159	36.73	33.45	32.24	31.43	31.67	34.86	40.13	46.23	40.80	37.78	38.59	40.37	41.11	40.95	44.39	45.89	52.02	60.00	66.73	69.59	66.19	55.12	49.22	40.77
	1.62	1.44	1.59	1.47	1.42	1.05	1.47	1.90	2.02	1.97	2.05	2.29	2.62	2.89	3.21	3.67	4.03	4.08	3.66	3.50	3.21	2.72	2.61	2.42
	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00
NYS_BARGE____HYD 23848	30.36	26.20	25.71	25.74	25.74	25.71	26.08	31.41	30.75	30.56	30.10	28.91	28.48	29.50	29.18	30.88	32.92	38.08	45.07	50.44	49.23	42.60	38.42	32.99
	-3.72	-3.52	-3.40	-3.21	-3.15	-3.35	-3.75	-3.86	-2.83	-2.69	-2.85	-3.12	-3.35	-3.46	-3.75	-4.09	-4.85	-5.42	-5.93	-6.14	-6.17	-5.45	-5.83	-5.02
	1.03	2.29	1.54	1.02	1.37	4.76	8.84	9.06	5.21	2.57	3.60	6.07	6.67	5.11	8.25	7.24	10.23	12.42	12.07	9.51	7.59	4.35	2.37	0.34
OAK ORCHARD____HYD 24046	32.51	29.15	28.04	27.65	27.92	30.56	34.20	39.78	35.82	33.58	33.96	34.68	34.80	34.64	36.13	37.19	41.16	47.51	54.12	57.94	55.29	46.91	41.60	35.39
	-2.35	-2.31	-2.24	-2.07	-2.00	-2.10	-2.32	-2.35	-1.71	-1.61	-1.72	-1.94	-2.08	-2.17	-2.39	-2.49	-2.88	-3.13	-3.09	-3.11	-3.15	-2.62	-3.12	-2.88
	0.25	0.55	0.37	0.25	0.33	1.16	2.15	2.20	1.27	0.62	0.87	1.47	1.62	1.26	2.66	2.53	3.96	5.28	5.87	5.05	4.55	2.87	1.90	0.08
OAKDALE____35_KV_LOAD 356122	35.55	32.68	31.10	30.30	30.71	35.21	41.08	46.91	40.40	36.71	37.67	39.84	40.40	39.52	43.11	43.82	50.03	58.34	65.32	67.77	64.12	52.85	46.63	38.44
	0.18	0.10	0.06	0.09	0.12	0.20	0.19	0.31	0.31	0.25	0.22	0.23	0.23	0.15	0.21	0.21	0.29	0.56	0.76	0.86	0.76	0.42	0.19	0.00
	-0.26	-0.57	-0.38	-0.25	-0.34	-1.19	-2.21	-2.27	-1.30	-0.64	-0.90	-1.52	-1.67	-1.30	-1.73	-1.40	-1.75	-1.86	-1.49	-0.82	-0.38	-0.03	0.18	-0.08
OCC_CHEM____DRP 24175	29.81	25.59	25.18	25.28	25.21	24.77	24.61	29.79	29.66	29.83	29.28	27.77	27.51	28.69	28.03	29.72	31.24	35.99	42.42	48.35	47.07	41.52	38.27	32.19
	-4.18	-3.91	-3.77	-3.57	-3.54	-3.79	-4.29	-4.52	-3.37	-3.15	-3.29	-3.62	-3.62	-3.92	-4.32	-4.81	-5.95	-6.82	-7.44	-7.80	-7.75	-6.39	-5.92	-5.79
	1.13	2.52	1.70	1.11	1.50	5.26	9.77	10.02	5.76	2.83	3.98	6.70	7.37	5.46	8.83	7.67	10.80	13.11	13.22	9.94	8.17	4.49	2.43	0.37
OH_GEN_PROXY 24063	30.08	26.00	25.50	25.50	25.50	25.50	25.90	31.14	30.46	30.26	29.84	28.72	28.30	29.22	29.05	30.61	32.63	37.65	44.20	49.90	48.70	43.54	37.48	32.89
	-4.04	-3.78	-3.65	-3.47	-3.42	-3.65	-4.10	-4.30	-3.22	-3.04	-3.18	-3.43	-3.66	-3.81	-4.08	-4.43	-5.23	-5.93	-6.43	-6.74	-6.74	-5.50	-5.83	-5.14
	1.00	2.23	1.50	0.99	1.33	4.66	8.67	8.89	5.11	2.51	3.53	5.95	6.54	5.04	8.05	7.17	10.13	12.35	12.44	9.45	7.55	3.36	3.31	0.32
OLIN_CORP_DRP 24177	29.92	25.71	25.29	25.38	25.34	24.99	24.92	30.13	29.94	29.98	29.45	28.03	27.74	28.73	28.09	29.98	31.65	36.50	42.60	48.88	47.44	41.34	37.62	32.57
	-4.07	-3.81	-3.68	-3.48	-3.42	-3.65	-4.14	-4.34	-3.18	-3.04	-3.18	-3.47	-3.50	-3.81	-4.16	-4.47	-5.42	-6.21	-6.88	-7.20	-7.18	-6.55	-6.57	-5.41
	1.12	2.49	1.68	1.11	1.49	5.18	9.61	9.86	5.67	2.80	3.92	6.60	7.26	5.53	8.93	7.76	10.92	13.22	13.60	10.01	8.37	4.52	2.43	0.37
OLIN_CORP_DSASP 323712	29.81	25.59	25.18	25.28	25.21	24.77	24.61	29.79	29.66	29.83	29.28	27.77	27.51	28.69	28.03	29.72	31.24	35.99	42.42	48.35	47.07	41.52	38.27	32.19
	-4.18	-3.91	-3.77	-3.57	-3.54	-3.79	-4.29	-4.52	-3.37	-3.15	-3.29	-3.62	-3.62	-3.92	-4.32	-4.81	-5.95	-6.82	-7.44	-7.80	-7.75	-6.39	-5.92	-5.79
	1.13	2.52	1.70	1.11	1.50	5.26	9.77	10.02	5.76	2.83	3.98	6.70	7.37	5.46	8.83	7.67	10.80	13.11	13.22	9.94	8.17	4.49	2.43	0.37
ONEIDA_HERK_LFGE 323681	35.75	32.49	31.05	30.29	30.49	34.16	38.98	44.86	39.10	36.04	36.63	38.21	38.50	38.07	41.14	42.21	47.99	56.32	63.96	67.09	63.80	53.08	47.22	38.66
	0.63	0.48	0.40	0.33	0.24	0.34	0.31	0.53	0.31	0.22	0.07	0.11	0.00	0.00	-0.04	0.00	0.00	0.39	0.88	0.99	0.82	0.68	0.60	0.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ONEIDA____115KV_TB4 55905	35.75	32.52	31.11	30.41	30.67	34.36	39.25	45.08	39.33	36.25	36.88	38.44	38.81	38.30	41.22	42.27	47.86	56.03	63.42	66.66	63.50	52.88	47.03	38.81
	0.63	0.51	0.46	0.45	0.42	0.54	0.58	0.75	0.54	0.43	0.33	0.34	0.31	0.23	0.21	0.25	0.24	0.67	1.07	1.26	1.20	0.94	0.75	0.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.19	0.37	0.57	0.73	0.69	0.68	0.46	0.34	0.00
ONONDAGA_REF_OCCRA 23987	34.80	31.63	30.25	29.60	29.92	33.51	38.32	43.93	38.52	35.53	36.26	37.75	38.15	37.54	40.38	41.40	46.81	54.59	61.63	64.81	61.67	51.35	45.60	37.74
	-0.32	-0.38	-0.40	-0.36	-0.33	-0.30	-0.35	-0.40	-0.27	-0.29	-0.29	-0.34	-0.35	-0.53	-0.58	-0.55	-0.67	-0.56	-0.44	-0.33	-0.38	-0.42	-0.56	-0.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.26	0.51	0.78	1.00	0.95	0.94	0.64	0.46	0.00
ONONDAGA____COGEN 23986	34.80	31.66	30.28	29.63	29.98	33.55	38.36	43.93	38.52	35.53	36.22	37.72	38.15	37.50	40.56	41.58	47.27	55.31	62.57	65.70	62.61	51.98	46.01	37.74
	-0.32	-0.35	-0.37	-0.33	-0.27	-0.27	-0.31	-0.40	-0.27	-0.29	-0.33	-0.38	-0.35	-0.57	-0.62	-0.63	-0.72	-0.62	-0.50	-0.40	-0.38	-0.42	-0.61	-0.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ONTARIO____LFGE 23819	36.95	35.53	32.98	31.61	32.57	41.33	52.25	58.34	47.08	39.99	42.13	47.24	48.57	45.67	52.23	51.49	60.46	70.68	77.12	76.91	70.97	56.25	47.70	38.72
	0.35	0.19	0.09	0.18	0.33	0.57	0.70	0.80	0.70	0.43	0.33	0.30	0.35	0.15	0.29	0.21	0.43	1.06	1.96	2.38	2.26	1.15	0.28	-0.11
	-1.49	-3.32	-2.24	-1.47	-1.98	-6.93	-12.89	-13.21	-7.59	-3.74	-5.25	-8.84	-9.72	-7.45	-10.76	-9.07	-12.03	-13.69	-12.08	-8.44	-5.72	-2.69	-0.80	-0.48
ORANGEVILLE_WT_PWR 323706	28.76	21.11	22.57	23.97	23.03	13.98	3.44	7.98	17.34	24.14	20.94	13.22	11.33	16.72	10.49	15.33	12.21	14.79	26.15	37.47	41.71	39.82	38.99	33.79
	-2.60	-2.50	-2.42	-2.28	-2.21	-2.30	-2.63	-2.93	-2.25	-2.22	-2.34	-2.52	-2.58	-2.70	-2.84	-3.04	-3.46	-3.52	-3.47	-3.37	-3.34	-3.04	-3.59	-3.34
	3.76	8.40	5.66	3.72	5.02	17.54	32.60	33.42	19.20	9.46	13.28	22.36	24.60	18.64	27.85	23.84	32.33	37.61	33.45	25.26	17.94	9.54	4.04	1.22
ORANGEVILLE____ESR 323794	28.76	21.11	22.57	23.97	23.03	13.98	3.44	7.98	17.34	24.14	20.94	13.22	11.33	16.72	10.49	15.33	12.21	14.79	26.15	37.47	41.71	39.82	38.99	33.79
	-2.60	-2.50	-2.42	-2.28	-2.21	-2.30	-2.63	-2.93	-2.25	-2.22	-2.34	-2.52	-2.58	-2.70	-2.84	-3.04	-3.46	-3.52	-3.47	-3.37	-3.34	-3.04	-3.59	-3.34
	3.76	8.40	5.66	3.72	5.02	17.54	32.60	33.42	19.20	9.46	13.28	22.36	24.60	18.64	27.85	23.84	32.33	37.61	33.45	25.26	17.94	9.54	4.04	1.22

OSWEGATCHIE___HYD 24044	35.12 0.00 0.00	31.98 -0.03 0.00	30.56 -0.09 0.00	29.81 -0.15 0.00	30.01 -0.24 0.00	33.65 -0.17 0.00	38.40 -0.27 0.00	44.15 -0.18 0.00	38.48 -0.31 0.00	35.43 -0.39 0.00	35.97 -0.59 0.00	37.53 -0.57 0.00	37.69 -0.81 0.00	37.23 -0.84 0.00	40.11 -1.07 0.00	41.11 -1.10 0.00	46.79 -1.20 0.00	54.70 -1.23 0.00	62.38 -0.69 0.00	65.50 -0.60 0.00	62.36 -0.63 0.00	51.93 -0.47 0.00	46.39 -0.23 0.00	38.01 -0.35 0.00
OSWEGO___5 23606	34.27 -0.84 0.00	31.21 -0.80 0.00	29.85 -0.80 0.00	29.21 -0.75 0.00	29.52 -0.73 0.00	33.04 -0.78 0.00	37.78 -0.89 0.00	43.26 -1.06 0.00	37.90 -0.89 0.00	34.96 -0.86 0.00	35.68 -0.88 0.00	37.15 -0.95 0.00	37.42 -1.08 0.00	36.89 -1.18 0.00	42.14 -1.28 -2.24	43.56 -1.31 -2.66	51.63 -1.49 -5.12	62.26 -1.57 -7.90	71.59 -1.64 -10.16	74.07 -1.65 -9.63	70.85 -1.64 -9.50	57.47 -1.36 -6.43	49.90 -1.40 -4.68	37.16 -1.19 0.00
OSWEGO___6 23613	34.27 -0.84 0.00	31.21 -0.80 0.00	29.85 -0.80 0.00	29.21 -0.75 0.00	29.52 -0.73 0.00	33.04 -0.78 0.00	37.78 -0.89 0.00	43.26 -1.06 0.00	37.90 -0.89 0.00	34.96 -0.86 0.00	35.68 -0.88 0.00	37.15 -0.95 0.00	37.42 -1.08 0.00	36.89 -1.18 0.00	42.14 -1.28 -2.24	43.56 -1.31 -2.66	51.63 -1.49 -5.12	62.26 -1.57 -7.90	71.59 -1.64 -10.16	74.07 -1.65 -9.63	70.85 -1.64 -9.50	57.47 -1.36 -6.43	49.90 -1.40 -4.68	37.16 -1.19 0.00
OUTOKUMPU-AB___DRP 24206	30.34 -3.58 1.20	25.98 -3.36 2.67	25.60 -3.25 1.80	25.72 -3.06 1.18	25.60 -3.06 1.60	25.03 -3.21 5.57	24.72 -3.60 10.35	29.95 -3.77 10.61	30.01 -2.68 6.10	30.31 -2.51 3.01	29.59 -2.74 4.22	27.99 -3.01 7.10	27.69 -3.00 7.81	28.98 -3.24 5.85	28.38 -3.46 9.34	30.32 -3.76 8.13	31.97 -4.61 11.41	37.23 -5.03 13.66	46.21 -5.42 11.44	50.12 -5.68 10.29	49.61 -5.86 7.52	42.65 -5.14 4.61	39.03 -5.13 2.46	33.20 -4.76 0.39
OXBOW___BTM 323836	30.09 -3.86 1.16	25.80 -3.62 2.60	25.41 -3.49 1.75	25.52 -3.30 1.15	25.43 -3.27 1.55	24.92 -3.48 5.42	24.70 -3.90 10.07	29.97 -4.03 10.32	29.87 -2.99 5.93	30.10 -2.79 2.92	29.49 -2.96 4.10	27.95 -3.24 6.91	27.48 -3.43 7.60	28.83 -3.58 5.66	28.26 -3.83 9.09	30.04 -4.26 7.91	31.70 -5.18 11.11	36.80 -5.82 13.31	45.63 -6.31 11.14	49.34 -6.67 10.09	48.89 -6.68 7.42	42.77 -5.08 4.55	38.63 -5.55 2.44	32.68 -5.29 0.38
OXBOW___ 24026	30.09 -3.86 1.16	25.80 -3.62 2.60	25.41 -3.49 1.75	25.52 -3.30 1.15	25.43 -3.27 1.55	24.92 -3.48 5.42	24.70 -3.91 10.07	29.93 -4.08 10.32	29.87 -2.99 5.93	30.10 -2.79 2.92	29.49 -2.96 4.10	27.91 -3.28 6.91	27.63 -3.27 7.60	28.87 -3.54 5.66	28.26 -3.83 9.09	30.08 -4.22 7.91	31.65 -5.23 11.11	36.80 -5.82 13.31	45.57 -6.37 11.14	49.40 -6.61 10.09	48.83 -6.74 7.42	42.14 -5.71 4.55	38.72 -5.45 2.44	32.76 -5.22 0.38
OXY_CHEM_DSASP 323612	29.81 -4.18 1.13	25.59 -3.91 2.52	25.18 -3.77 1.70	25.28 -3.57 1.11	25.21 -3.54 1.50	24.77 -3.79 5.26	24.61 -4.29 9.77	29.79 -4.52 10.02	29.66 -3.37 5.76	29.83 -3.15 2.83	29.28 -3.29 3.98	27.77 -3.62 6.70	27.51 -3.62 7.37	28.69 -3.92 5.46	28.03 -4.32 8.83	29.72 -4.81 7.67	31.24 -5.95 10.80	35.99 -6.82 13.11	42.42 -7.44 13.22	48.35 -7.80 9.94	47.07 -7.75 8.17	41.52 -6.39 4.49	38.27 -5.92 2.43	32.19 -5.79 0.37
OZONE_PARK_ESR 323760	37.15 2.04 0.00	33.71 1.70 0.00	32.40 1.75 0.00	31.58 1.62 0.00	31.82 1.57 0.00	35.37 1.56 0.00	40.72 2.05 0.00	46.99 2.66 0.00	41.31 2.52 0.00	38.22 2.40 0.00	39.07 2.52 0.00	40.88 2.78 0.00	41.39 2.89 0.00	41.30 3.24 0.00	44.85 3.67 0.00	46.31 4.09 -0.01	52.70 4.70 0.00	61.07 5.15 0.00	68.00 4.92 0.00	70.99 4.89 0.00	67.46 4.47 0.00	56.02 3.62 0.00	50.02 3.40 0.00	41.15 2.80 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	29.81 -4.18 1.13	25.59 -3.91 2.52	25.18 -3.77 1.70	25.28 -3.57 1.11	25.21 -3.54 1.50	24.77 -3.79 5.26	24.61 -4.29 9.77	29.79 -4.52 10.02	29.66 -3.37 5.76	29.83 -3.15 2.83	29.28 -3.29 3.98	27.77 -3.62 6.70	27.51 -3.62 7.37	28.69 -3.92 5.46	28.03 -4.32 8.83	29.72 -4.81 7.67	31.24 -5.95 10.80	35.99 -6.82 13.11	42.42 -7.44 13.22	48.35 -7.80 9.94	47.07 -7.75 8.17	41.52 -6.39 4.49	38.27 -5.92 2.43	32.19 -5.79 0.37
PACKARD___115KV_DUPONT_184 80571	29.81 -4.18 1.13	25.59 -3.91 2.52	25.18 -3.77 1.70	25.28 -3.57 1.11	25.21 -3.54 1.50	24.77 -3.79 5.26	24.64 -4.25 9.77	29.83 -4.48 10.02	29.70 -3.34 5.76	29.83 -3.15 2.83	29.28 -3.29 3.98	27.81 -3.58 6.70	27.31 -3.81 7.37	28.65 -3.96 5.46	28.03 -4.32 8.83	29.68 -4.85 7.67	31.24 -5.95 10.80	35.99 -6.83 13.11	42.42 -7.44 13.22	48.35 -7.80 9.94	47.06 -7.75 8.17	42.25 -5.66 4.49	38.18 -6.01 2.43	32.16 -5.83 0.37
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	36.77 1.65 0.00	33.45 1.44 0.00	32.21 1.56 0.00	31.37 1.41 0.00	31.64 1.39 0.00	34.90 1.08 0.00	40.14 1.47 0.00	46.32 1.99 0.00	40.77 1.98 0.00	37.75 1.93 0.00	38.60 2.05 0.00	40.38 2.29 0.00	40.89 2.39 0.00	40.85 2.78 0.00	44.31 3.13 0.00	45.85 3.63 -0.01	52.07 4.08 0.00	60.12 4.19 0.00	66.80 3.72 0.00	69.73 3.64 0.00	66.26 3.28 0.00	55.18 2.78 0.00	49.32 2.70 0.00	40.73 2.38 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	37.33 2.21 0.00	33.93 1.92 0.00	32.67 2.02 0.00	31.85 1.89 0.00	32.13 1.88 0.00	35.41 1.59 0.00	40.80 2.13 0.00	47.03 2.70 0.00	41.39 2.60 0.00	38.33 2.51 0.00	39.15 2.60 0.00	40.95 2.86 0.00	41.46 2.96 0.00	41.38 3.31 0.00	44.93 3.75 0.00	46.48 4.26 -0.01	52.79 4.80 0.00	61.07 5.15 0.00	67.87 4.79 0.00	70.85 4.76 0.00	67.33 4.35 0.00	56.02 3.62 0.00	50.07 3.45 0.00	41.34 2.99 0.00
PATROON___115KV_TB1 80586	36.13 1.02 0.00	32.91 0.90 0.00	31.54 0.89 0.00	30.80 0.84 0.00	31.07 0.82 0.00	34.70 0.88 0.00	39.60 0.93 0.00	45.39 1.06 0.00	39.53 0.74 0.00	36.54 0.72 0.00	37.32 0.77 0.00	38.93 0.84 0.00	39.27 0.77 0.00	39.06 0.99 0.00	42.21 1.03 0.00	43.22 1.01 0.00	49.05 1.06 0.00	57.27 1.34 0.00	64.53 1.45 0.00	67.81 1.72 0.00	64.69 1.70 0.00	53.92 1.52 0.00	47.97 1.35 0.00	39.66 1.30 0.00
PATTRSNVILLE___SOLAR 323815	36.52 1.41 0.00	33.29 1.28 0.00	31.88 1.23 0.00	31.13 1.17 0.00	31.43 1.18 0.00	35.13 1.32 0.00	40.06 1.39 0.00	45.79 1.46 0.00	39.72 0.93 0.00	36.61 0.79 0.00	37.32 0.77 0.00	38.82 0.72 0.00	39.27 0.77 0.00	38.91 0.84 0.00	42.00 0.82 0.00	43.10 0.89 0.00	49.14 1.15 0.00	57.72 1.79 0.00	65.47 2.40 0.00	69.07 2.98 0.00	65.89 2.90 0.00	54.81 2.41 0.00	48.72 2.10 0.00	40.12 1.77 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	31.50 -2.28 1.33	26.83 -2.21 2.97	26.50 -2.15 2.00	26.67 -1.98 1.32	26.51 -1.97 1.78	25.59 -2.03 6.20	24.95 -2.20 11.52	30.35 -2.17 11.81	30.65 -1.36 6.79	31.19 -1.29 3.34	30.47 -1.39 4.69	28.63 -1.56 7.90	28.31 -1.50 8.69	29.88 -1.71 6.47	29.10 -1.85 10.23	31.34 -1.98 8.88	33.21 -2.40 12.38	38.72 -2.40 14.80	50.40 -2.46 10.21	52.59 -2.58 10.93	53.18 -2.90 6.91	44.75 -2.88 4.77	40.89 -3.26 2.47	34.92 -2.99 0.44

PAWLING_115_KV_BK3_REV_LBMP_H 345028	37.05 1.93 0.00	33.61 1.60 0.00	32.27 1.62 0.00	31.46 1.50 0.00	31.73 1.48 0.00	35.37 1.56 0.00	40.60 1.93 0.00	46.63 2.31 0.00	40.92 2.13 0.00	37.83 2.01 0.00	38.67 2.12 0.00	40.42 2.32 0.00	40.93 2.43 0.00	40.92 2.86 0.00	44.31 3.13 0.00	45.59 3.38 0.00	51.93 3.94 0.00	60.29 4.36 0.00	67.43 4.35 0.00	70.52 4.43 0.00	67.15 4.16 0.00	55.60 3.20 0.00	49.70 3.08 0.00	40.84 2.49 0.00
PEEKSKILL____ 23653	36.70 1.58 0.00	33.29 1.28 0.00	32.00 1.35 0.00	31.19 1.23 0.00	31.46 1.21 0.00	35.03 1.22 0.00	40.22 1.55 0.00	46.19 1.86 0.00	40.61 1.82 0.00	37.57 1.75 0.00	38.42 1.86 0.00	40.15 2.06 0.00	40.81 2.31 0.00	40.62 2.55 0.00	43.98 2.80 0.00	45.29 3.08 0.00	51.49 3.50 0.00	59.73 3.80 0.00	66.67 3.59 0.00	69.60 3.50 0.00	66.26 3.27 0.00	55.02 2.62 0.00	49.13 2.52 0.00	40.50 2.15 0.00
PGE MADISON__WINDPWR 24146	37.43 1.97 -0.35	34.45 1.66 -0.78	32.68 1.50 -0.52	31.83 1.53 -0.34	32.17 1.45 -0.46	37.33 1.89 -1.62	43.46 1.78 -3.01	49.81 2.39 -3.09	42.27 1.71 -1.77	38.05 1.36 -0.87	38.69 0.91 -1.23	41.23 1.07 -2.07	41.58 0.81 -2.27	40.43 0.61 -1.75	44.25 0.66 -2.41	44.96 0.76 -1.99	51.60 1.06 -2.56	61.24 2.52 -2.80	69.33 3.91 -2.34	71.86 4.30 -1.47	67.81 3.97 -0.85	55.73 3.04 -0.29	48.88 2.33 0.07	39.96 1.50 -0.11
PIERCEFIELD____HYD 23852	34.62 -0.49 0.00	31.69 -0.32 0.00	30.31 -0.34 0.00	29.60 -0.36 0.00	29.86 -0.39 0.00	33.48 -0.34 0.00	38.25 -0.43 0.00	43.89 -0.44 0.00	38.32 -0.47 0.00	35.32 -0.50 0.00	35.97 -0.58 0.00	37.49 -0.61 0.00	37.69 -0.81 0.00	37.12 -0.95 0.00	39.94 -1.24 0.00	40.90 -1.31 0.00	46.60 -1.39 0.00	54.08 -1.85 0.00	61.50 -1.58 0.00	64.51 -1.59 0.00	61.48 -1.51 0.00	51.25 -1.15 0.00	45.92 -0.70 0.00	37.82 -0.54 0.00
PINELAWN_CC_1 323563	37.86 2.74 -0.01	34.03 2.02 0.00	32.70 2.05 0.00	31.85 1.89 0.00	32.16 1.91 0.00	36.05 2.23 0.00	41.15 2.48 0.00	47.21 2.88 0.00	41.46 2.67 0.00	38.79 2.97 0.00	40.99 2.93 -1.52	41.18 3.08 0.00	41.62 3.12 0.00	41.70 3.62 -0.01	45.13 3.95 0.00	49.57 4.22 -3.14	52.74 4.75 0.00	61.02 5.09 0.00	67.24 4.16 0.00	70.33 4.23 0.00	66.58 3.59 0.00	55.28 2.88 0.00	50.35 3.73 0.00	41.73 3.38 0.00
PJM_GEN_HTP_PROXY 323702	36.84 1.72 0.00	33.45 1.44 0.00	32.15 1.50 0.00	31.34 1.38 0.00	31.61 1.36 0.00	35.13 1.32 0.00	40.41 1.74 0.00	46.50 2.17 0.00	40.96 2.17 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.54 2.44 0.00	41.23 2.73 0.00	41.04 2.97 0.00	44.43 3.25 0.00	45.89 3.67 -0.01	52.12 4.13 0.00	60.34 4.42 0.00	67.24 4.16 0.00	70.19 4.10 0.00	66.77 3.78 0.00	56.45 3.09 -0.95	48.56 2.89 0.95	40.84 2.49 0.00
PJM_GEN_KEystone 24065	32.01 -0.70 2.40	28.19 -0.77 3.05	26.34 -0.67 3.64	24.88 -0.66 4.42	25.00 -0.67 4.58	26.88 -0.74 6.19	29.90 -0.74 8.03	32.49 -0.62 11.22	32.82 -0.27 5.70	33.53 -0.25 2.04	34.99 -0.22 1.34	35.56 -0.19 2.34	36.01 -0.08 2.41	36.22 -0.04 1.82	38.30 0.08 2.96	39.71 0.13 2.63	44.39 0.14 3.74	51.48 0.17 4.61	58.39 -0.19 4.50	61.93 -0.39 3.77	59.58 -0.51 2.90	51.05 -0.63 0.72	43.84 -0.89 1.89	37.29 -0.77 0.30
PJM_GEN_NEPTUNE_PROXY 323594	37.34 2.21 -0.01	33.61 1.60 0.00	32.30 1.65 0.00	31.46 1.50 0.00	31.76 1.51 0.00	35.57 1.76 0.00	40.64 1.97 0.00	46.63 2.30 0.00	40.96 2.17 0.00	38.26 2.44 0.00	40.48 2.41 -1.52	40.69 2.59 0.00	41.19 2.69 0.00	41.23 3.16 -0.01	44.60 3.42 0.00	49.06 3.72 -3.14	52.16 4.17 0.00	60.45 4.53 0.01	66.60 3.53 0.01	69.65 3.57 0.01	65.95 2.96 0.00	55.77 2.41 -0.95	48.79 3.12 0.95	41.19 2.84 0.00
PJM_GEN_VFT_PROXY 323633	36.69 1.58 0.01	33.28 1.28 0.01	31.99 1.35 0.01	31.21 1.26 0.01	31.45 1.21 0.01	34.92 1.11 0.01	39.95 1.55 0.27	39.95 2.00 6.38	37.95 1.98 2.82	37.70 1.93 0.05	37.95 2.01 0.61	38.19 2.25 2.15	41.03 2.54 0.01	40.84 2.78 0.01	44.22 3.05 0.01	45.71 3.50 0.00	51.87 3.89 0.01	59.50 4.08 0.51	62.89 3.78 3.97	67.04 3.70 2.75	64.15 3.40 2.24	56.12 2.78 -0.95	48.31 2.66 0.96	38.12 2.30 2.53
PLATSBURG_115KV_PMLD1 355749	34.80 -0.32 0.00	32.08 0.06 0.00	30.68 0.03 0.00	30.05 0.09 0.00	30.34 0.09 0.00	34.02 0.20 0.00	38.94 0.27 0.00	44.64 0.31 0.00	39.10 0.31 0.00	36.14 0.32 0.00	36.85 0.29 0.00	38.40 0.30 0.00	38.85 0.35 0.00	38.37 0.30 0.00	41.51 0.33 0.00	42.50 0.30 0.00	48.42 0.43 0.00	56.21 0.28 0.00	63.71 0.63 0.00	66.69 0.59 0.00	63.55 0.57 0.00	52.82 0.42 0.00	47.08 0.47 0.00	38.66 0.31 0.00
PLEASANTVLY____LBMP 24000	36.55 1.44 0.00	33.23 1.22 0.00	31.91 1.26 0.00	31.13 1.17 0.00	31.40 1.15 0.00	34.93 1.12 0.00	40.10 1.43 0.00	46.10 1.77 0.00	40.42 1.63 0.00	37.36 1.54 0.00	38.20 1.64 0.00	39.96 1.87 0.00	40.39 1.89 0.00	40.28 2.21 0.00	43.65 2.47 0.00	44.91 2.70 0.00	51.16 3.17 0.00	59.34 3.41 0.00	66.29 3.22 0.00	69.27 3.17 0.00	65.89 2.90 0.00	54.76 2.36 0.00	48.90 2.28 0.00	40.31 1.96 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	36.80 1.69 0.00	33.39 1.38 0.00	32.09 1.44 0.00	31.28 1.32 0.00	31.55 1.30 0.00	35.14 1.32 0.00	40.33 1.66 0.00	46.46 2.13 0.00	40.77 1.98 0.00	37.72 1.90 0.00	38.56 2.01 0.00	40.34 2.25 0.00	40.81 2.31 0.00	40.73 2.66 0.00	44.19 3.01 0.00	45.50 3.29 0.00	51.83 3.84 0.00	60.07 4.14 0.00	67.05 3.97 0.00	69.99 3.90 0.00	66.52 3.53 0.00	55.28 2.88 0.00	49.32 2.70 0.00	40.61 2.26 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	36.80 1.69 0.00	33.39 1.38 0.00	32.09 1.44 0.00	31.28 1.32 0.00	31.55 1.30 0.00	35.14 1.32 0.00	40.33 1.66 0.00	46.46 2.13 0.00	40.77 1.98 0.00	37.72 1.90 0.00	38.56 2.01 0.00	40.34 2.25 0.00	40.81 2.31 0.00	40.73 2.66 0.00	44.19 3.01 0.00	45.50 3.29 0.00	51.83 3.84 0.00	60.07 4.14 0.00	67.05 3.97 0.00	69.99 3.90 0.00	66.52 3.53 0.00	55.28 2.88 0.00	49.32 2.70 0.00	40.61 2.26 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	36.91 1.79 0.00	33.48 1.47 0.00	32.18 1.53 0.00	31.37 1.41 0.00	31.61 1.36 0.00	35.24 1.42 0.00	40.41 1.74 0.00	46.41 2.08 0.00	40.65 1.86 0.00	37.54 1.72 0.00	38.42 1.86 0.00	40.12 2.02 0.00	40.54 2.04 0.00	40.51 2.44 0.00	43.94 2.76 0.00	45.16 2.95 0.00	51.45 3.46 0.00	59.84 3.91 0.00	67.05 3.97 0.00	70.06 3.97 0.00	66.70 3.72 0.00	55.34 2.93 0.00	49.42 2.80 0.00	40.65 2.30 0.00
POLETTI____ 23519	36.87 1.76 0.00	33.45 1.44 0.00	32.18 1.53 0.00	31.37 1.41 0.00	31.64 1.39 0.00	35.10 1.29 0.00	40.41 1.74 0.00	46.59 2.26 0.00	40.96 2.17 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.53 2.44 0.00	41.04 2.54 0.00	40.96 2.89 0.00	44.43 3.25 0.00	45.89 3.67 -0.01	52.22 4.22 0.00	60.40 4.47 0.00	67.24 4.16 0.00	70.19 4.10 0.00	66.70 3.72 0.00	55.49 3.09 0.00	49.56 2.94 0.00	40.81 2.45 0.00

POMONA___ESR 323819	36.66 1.54 0.00	33.26 1.25 0.00	31.97 1.32 0.00	31.16 1.20 0.00	31.43 1.18 0.00	34.97 1.15 0.00	40.18 1.51 0.00	46.15 1.82 0.00	40.54 1.75 0.00	37.50 1.68 0.00	38.34 1.79 0.00	40.08 1.98 0.00	40.73 2.23 0.00	40.51 2.44 0.00	43.90 2.72 0.00	45.21 3.00 0.00	51.45 3.46 0.00	59.73 3.80 0.00	66.61 3.53 0.00	69.53 3.43 0.00	66.20 3.21 0.00	54.97 2.57 0.00	49.09 2.47 0.00	40.46 2.11 0.00
PORT_JEFF_3 23555	38.04 2.91 -0.01	34.16 2.14 0.00	32.89 2.24 0.00	32.03 2.07 0.00	32.34 2.09 0.00	36.28 2.47 0.00	41.34 2.67 0.00	47.39 3.06 0.00	41.66 2.87 0.00	39.08 3.26 0.00	41.17 3.11 -1.52	41.33 3.24 0.00	41.66 3.16 0.00	41.73 3.65 -0.01	45.13 3.95 0.00	49.66 4.31 -3.14	52.84 4.85 0.00	60.96 5.04 0.00	67.11 4.04 0.00	70.12 4.03 0.00	66.39 3.40 0.00	55.18 2.78 0.00	50.39 3.77 0.00	41.84 3.49 0.00
PORT_JEFF_4 23616	38.04 2.91 -0.01	34.16 2.14 0.00	32.89 2.24 0.00	32.03 2.07 0.00	32.34 2.09 0.00	36.28 2.47 0.00	41.34 2.67 0.00	47.39 3.06 0.00	41.66 2.87 0.00	39.08 3.26 0.00	41.17 3.11 -1.52	41.33 3.24 0.00	41.66 3.16 0.00	41.73 3.65 -0.01	45.13 3.95 0.00	49.66 4.31 -3.14	52.84 4.85 0.00	60.96 5.04 0.00	67.11 4.04 0.00	70.12 4.03 0.00	66.39 3.40 0.00	55.18 2.78 0.00	50.39 3.77 0.00	41.84 3.49 0.00
PORT_JEFF_IC 23713	38.10 2.98 0.00	34.22 2.21 0.00	32.92 2.27 0.00	32.06 2.10 0.00	32.37 2.12 0.00	36.35 2.54 0.00	41.42 2.75 0.00	47.83 3.50 0.00	41.74 2.95 0.00	39.15 3.33 0.00	41.25 3.18 -1.52	41.41 3.31 0.00	41.54 3.04 0.00	41.76 3.69 0.00	45.22 4.04 0.00	49.74 4.39 -3.14	53.03 5.04 0.00	61.23 5.31 0.01	67.80 4.73 0.00	70.52 4.43 0.00	66.52 3.53 0.00	55.44 3.04 0.00	50.58 3.96 0.00	41.88 3.53 0.00
PPL PILGRIM_ST_GT1 24216	38.11 2.98 -0.01	34.22 2.21 0.00	32.89 2.24 0.00	32.03 2.07 0.00	32.34 2.09 0.00	36.28 2.47 0.00	41.42 2.75 0.00	47.48 3.15 0.00	41.70 2.91 0.00	39.04 3.23 0.00	41.25 3.18 -1.52	41.41 3.31 0.00	41.81 3.31 0.00	41.92 3.84 -0.01	45.34 4.16 0.00	49.82 4.47 -3.14	53.03 5.04 0.00	61.07 5.14 0.00	67.30 4.23 0.00	70.32 4.23 0.00	66.58 3.59 0.00	55.49 3.09 0.00	50.58 3.96 0.00	41.96 3.60 0.00
PPL PILGRIM_ST_GT2 24217	38.11 2.98 -0.01	34.22 2.21 0.00	32.89 2.24 0.00	32.03 2.07 0.00	32.34 2.09 0.00	36.28 2.47 0.00	41.42 2.75 0.00	47.48 3.15 0.00	41.70 2.91 0.00	39.04 3.23 0.00	41.25 3.18 -1.52	41.41 3.31 0.00	41.81 3.31 0.00	41.92 3.84 -0.01	45.34 4.16 0.00	49.82 4.47 -3.14	53.03 5.04 0.00	61.07 5.14 0.00	67.30 4.23 0.00	70.32 4.23 0.00	66.58 3.59 0.00	55.49 3.09 0.00	50.58 3.96 0.00	41.96 3.60 0.00
PPL_SHRM_GT3 24213	38.21 3.09 -0.01	34.28 2.27 0.00	33.04 2.39 0.00	32.18 2.22 0.00	32.52 2.27 0.00	36.52 2.71 0.00	41.57 2.90 0.00	47.52 3.19 0.00	41.93 3.14 0.00	39.37 3.55 0.00	41.29 3.22 -1.52	41.37 3.28 0.00	41.69 3.19 0.00	41.65 3.58 -0.01	45.01 3.83 0.00	49.57 4.22 -3.14	52.84 4.85 0.00	60.73 4.81 0.00	66.86 3.78 0.00	69.66 3.57 0.00	66.01 3.02 0.00	54.97 2.57 0.00	50.35 3.73 0.00	41.92 3.57 0.00
PPL_SHRM_GT4 24214	38.21 3.09 -0.01	34.28 2.27 0.00	33.04 2.39 0.00	32.18 2.22 0.00	32.52 2.27 0.00	36.52 2.71 0.00	41.57 2.90 0.00	47.52 3.19 0.00	41.93 3.14 0.00	39.37 3.55 0.00	41.29 3.22 -1.52	41.37 3.28 0.00	41.69 3.19 0.00	41.65 3.58 -0.01	45.01 3.83 0.00	49.57 4.22 -3.14	52.84 4.85 0.00	60.73 4.81 0.00	66.86 3.78 0.00	69.66 3.57 0.00	66.01 3.02 0.00	54.97 2.57 0.00	50.35 3.73 0.00	41.92 3.57 0.00
PROJECT___ORANGE 1 24174	34.62 -0.49 0.00	31.50 -0.51 0.00	30.13 -0.52 0.00	29.48 -0.48 0.00	29.80 -0.45 0.00	33.38 -0.44 0.00	38.17 -0.50 0.00	43.71 -0.62 0.00	38.36 -0.43 0.00	35.43 -0.39 0.00	36.15 -0.40 0.00	37.60 -0.50 0.00	38.04 -0.46 0.00	37.38 -0.69 0.00	40.13 -0.74 0.31	41.08 -0.76 0.37	46.36 -0.91 0.72	53.98 -0.84 1.11	60.90 -0.76 1.42	64.02 -0.73 1.35	60.97 -0.69 1.33	50.77 -0.73 0.90	45.12 -0.84 0.65	37.55 -0.81 0.00
PROJECT___ORANGE 2 24166	34.62 -0.49 0.00	31.50 -0.51 0.00	30.13 -0.52 0.00	29.48 -0.48 0.00	29.80 -0.45 0.00	33.38 -0.44 0.00	38.17 -0.50 0.00	43.71 -0.62 0.00	38.36 -0.43 0.00	35.43 -0.39 0.00	36.15 -0.40 0.00	37.60 -0.50 0.00	38.04 -0.46 0.00	37.38 -0.69 0.00	40.13 -0.74 0.31	41.08 -0.76 0.37	46.36 -0.91 0.72	53.98 -0.84 1.11	60.90 -0.76 1.42	64.02 -0.73 1.35	60.97 -0.69 1.33	50.77 -0.73 0.90	45.12 -0.84 0.65	37.55 -0.81 0.00
PUCKETT___SOLAR 323809	36.10 0.74 -0.25	33.17 0.61 -0.56	31.58 0.55 -0.37	30.77 0.57 -0.25	31.19 0.60 -0.33	35.75 0.78 -1.16	41.56 0.73 -2.15	47.47 0.93 -2.21	40.76 0.70 -1.27	36.98 0.54 -0.63	37.76 0.33 -0.88	39.92 0.34 -1.48	40.36 0.23 -1.63	39.48 0.15 -1.26	43.07 0.21 -1.69	43.83 0.25 -1.37	50.09 0.38 -1.72	58.76 1.01 -1.83	66.18 1.64 -1.47	68.77 1.85 -0.82	65.14 1.76 -0.39	53.71 1.26 -0.05	47.25 0.79 0.16	38.93 0.50 -0.08
PYRITES___HYD 24023	35.15 0.04 0.00	32.14 0.13 0.00	30.74 0.09 0.00	30.05 0.09 0.00	30.31 0.06 0.00	34.02 0.20 0.00	38.79 0.12 0.00	44.46 0.13 0.00	38.71 -0.08 0.00	35.64 -0.18 0.00	36.26 -0.29 0.00	37.79 -0.30 0.00	38.04 -0.46 0.00	37.46 -0.61 0.00	40.40 -0.78 0.00	41.37 -0.84 0.00	47.08 -0.91 0.00	54.70 -1.23 0.00	62.32 -0.76 0.00	65.50 -0.59 0.00	62.48 -0.50 0.00	52.14 -0.26 0.00	46.67 0.05 0.00	38.39 0.04 0.00
QUAKERRD_115KV_BK1 80622	32.19 -2.67 0.26	28.87 -2.56 0.58	27.78 -2.48 0.39	27.40 -2.31 0.26	27.64 -2.27 0.35	30.17 -2.43 1.21	33.68 -2.75 2.24	39.10 -2.93 2.30	35.26 -2.21 1.32	33.09 -2.08 0.65	33.45 -2.19 0.91	34.12 -2.44 1.54	34.42 -2.39 1.69	34.13 -2.63 1.31	35.56 -2.88 2.74	36.65 -2.95 2.60	40.48 -3.46 4.06	46.72 -3.80 5.41	53.15 -3.91 6.02	56.99 -3.97 5.14	54.39 -3.97 4.63	45.93 -3.56 2.91	41.16 -3.54 1.92	35.08 -3.18 0.08
QUENSBRY_115KV_TB8 356137	37.82 2.70 0.00	34.48 2.46 0.00	32.98 2.33 0.00	32.18 2.22 0.00	32.52 2.27 0.00	36.39 2.57 0.00	41.45 2.78 0.00	47.61 3.28 0.00	41.23 2.44 0.00	38.08 2.26 0.00	38.86 2.30 0.00	40.12 2.02 0.00	40.39 1.89 0.00	40.09 2.02 0.00	43.12 1.94 0.00	43.31 1.10 0.00	49.43 1.44 0.00	58.33 2.40 0.00	66.23 3.15 0.00	70.39 4.30 0.00	67.21 4.22 0.00	55.91 3.51 0.00	49.65 3.03 0.00	41.96 3.61 0.00
RAMAPO___LBMP 323565	36.52 1.40 0.00	33.16 1.15 0.00	31.85 1.20 0.00	31.07 1.11 0.00	31.31 1.06 0.00	34.87 1.05 0.00	40.02 1.35 0.00	46.06 1.73 0.00	40.42 1.63 0.00	37.36 1.54 0.00	38.20 1.64 0.00	39.96 1.87 0.00	40.42 1.92 0.00	40.31 2.25 0.00	43.73 2.55 0.00	45.04 2.83 0.00	51.35 3.36 0.00	59.56 3.64 0.00	66.42 3.34 0.00	69.40 3.30 0.00	65.95 2.96 0.00	54.81 2.41 0.00	48.90 2.28 0.00	40.27 1.92 0.00

RANKINE____ 23646	30.57 -3.09 1.45	25.86 -2.91 3.24	25.65 -2.82 2.18	25.86 -2.67 1.43	25.65 -2.66 1.93	24.29 -2.77 6.75	22.99 -3.13 12.55	28.22 -3.24 12.87	29.14 -2.25 7.40	30.03 -2.15 3.64	29.17 -2.27 5.11	27.01 -2.48 8.61	26.56 -2.46 9.47	28.37 -2.66 7.03	27.25 -2.88 11.05	29.54 -3.08 9.58	30.97 -3.70 13.33	36.13 -3.91 15.88	45.76 -4.10 13.22	50.16 -4.30 11.64	50.22 -4.47 8.29	43.18 -4.19 5.03	39.71 -4.34 2.57	33.97 -3.91 0.47
RAVENSWOOD_GT2_1 24244	36.87 1.76 0.00	33.45 1.44 0.00	32.18 1.53 0.00	31.37 1.41 0.00	31.64 1.39 0.00	35.10 1.29 0.00	40.41 1.74 0.00	46.59 2.26 0.00	40.96 2.17 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.53 2.44 0.00	41.04 2.54 0.00	40.96 2.89 0.00	44.43 3.25 0.00	45.89 3.67 -0.01	52.22 4.22 0.00	60.40 4.47 0.00	67.24 4.16 0.00	70.19 4.10 0.00	66.70 3.72 0.00	55.49 3.09 0.00	49.56 2.94 0.00	40.81 2.45 0.00
RAVENSWOOD_GT2_2 24245	36.87 1.76 0.00	33.45 1.44 0.00	32.18 1.53 0.00	31.37 1.41 0.00	31.64 1.39 0.00	35.10 1.29 0.00	40.41 1.74 0.00	46.59 2.26 0.00	40.96 2.17 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.53 2.44 0.00	41.04 2.54 0.00	40.96 2.89 0.00	44.43 3.25 0.00	45.89 3.67 -0.01	52.22 4.22 0.00	60.40 4.47 0.00	67.24 4.16 0.00	70.19 4.10 0.00	66.70 3.72 0.00	55.49 3.09 0.00	49.56 2.94 0.00	40.81 2.45 0.00
RAVENSWOOD_GT2_3 24246	36.87 1.76 0.00	33.48 1.47 0.00	32.18 1.53 0.00	31.37 1.41 0.00	31.64 1.39 0.00	35.14 1.32 0.00	40.45 1.78 0.00	46.59 2.26 0.00	40.96 2.17 0.00	37.93 2.11 0.00	38.78 2.23 0.00	40.57 2.48 0.00	41.04 2.54 0.00	40.96 2.89 0.00	44.43 3.25 0.00	45.89 3.67 -0.01	52.22 4.22 0.00	60.46 4.53 0.00	67.30 4.23 0.00	70.26 4.16 0.00	66.77 3.78 0.00	55.49 3.09 0.00	49.60 2.98 0.00	40.84 2.49 0.00
RAVENSWOOD_GT2_4 24247	36.87 1.76 0.00	33.48 1.47 0.00	32.18 1.53 0.00	31.37 1.41 0.00	31.64 1.39 0.00	35.14 1.32 0.00	40.45 1.78 0.00	46.59 2.26 0.00	40.96 2.17 0.00	37.93 2.11 0.00	38.78 2.23 0.00	40.57 2.48 0.00	41.04 2.54 0.00	40.96 2.89 0.00	44.43 3.25 0.00	45.89 3.67 -0.01	52.22 4.22 0.00	60.46 4.53 0.00	67.30 4.23 0.00	70.26 4.16 0.00	66.77 3.78 0.00	55.49 3.09 0.00	49.60 2.98 0.00	40.84 2.49 0.00
RAVENSWOOD_GT3_1 24248	36.87 1.76 0.00	33.45 1.44 0.00	32.18 1.53 0.00	31.37 1.41 0.00	31.64 1.39 0.00	35.14 1.32 0.00	40.41 1.74 0.00	46.59 2.26 0.00	40.96 2.17 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.53 2.44 0.00	41.04 2.54 0.00	40.96 2.89 0.00	44.43 3.25 0.00	45.89 3.67 -0.01	52.22 4.22 0.00	60.46 4.53 0.00	67.30 4.23 0.00	70.26 4.16 0.00	66.70 3.72 0.00	55.49 3.09 0.00	49.56 2.94 0.00	40.81 2.45 0.00
RAVENSWOOD_GT3_2 24249	36.87 1.76 0.00	33.45 1.44 0.00	32.18 1.53 0.00	31.37 1.41 0.00	31.64 1.39 0.00	35.14 1.32 0.00	40.41 1.74 0.00	46.59 2.26 0.00	40.96 2.17 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.53 2.44 0.00	41.04 2.54 0.00	40.96 2.89 0.00	44.43 3.25 0.00	45.89 3.67 -0.01	52.22 4.22 0.00	60.46 4.53 0.00	67.30 4.23 0.00	70.26 4.16 0.00	66.70 3.72 0.00	55.49 3.09 0.00	49.56 2.94 0.00	40.81 2.45 0.00
RAVENSWOOD_GT3_3 24250	36.91 1.79 0.00	33.48 1.47 0.00	32.21 1.56 0.00	31.40 1.44 0.00	31.67 1.42 0.00	35.17 1.35 0.00	40.45 1.78 0.00	46.63 2.31 0.00	41.00 2.21 0.00	37.97 2.15 0.00	38.82 2.27 0.00	40.61 2.51 0.00	41.08 2.58 0.00	41.04 2.97 0.00	44.52 3.34 0.00	45.97 3.76 -0.01	52.31 4.32 0.00	60.51 4.59 0.00	67.37 4.29 0.00	70.33 4.23 0.00	66.83 3.84 0.00	55.55 3.14 0.00	49.65 3.03 0.00	40.84 2.49 0.00
RAVENSWOOD_GT3_4 24251	36.91 1.79 0.00	33.48 1.47 0.00	32.21 1.56 0.00	31.40 1.44 0.00	31.67 1.42 0.00	35.17 1.35 0.00	40.45 1.78 0.00	46.63 2.31 0.00	41.00 2.21 0.00	37.97 2.15 0.00	38.82 2.27 0.00	40.61 2.51 0.00	41.08 2.58 0.00	41.04 2.97 0.00	44.52 3.34 0.00	45.97 3.76 -0.01	52.31 4.32 0.00	60.51 4.59 0.00	67.37 4.29 0.00	70.33 4.23 0.00	66.83 3.84 0.00	55.55 3.14 0.00	49.65 3.03 0.00	40.84 2.49 0.00
RAVENSWOOD_GT_1 23729	36.87 1.76 0.00	33.48 1.47 0.00	32.21 1.56 0.00	31.40 1.44 0.00	31.64 1.39 0.00	35.07 1.25 0.00	40.37 1.70 0.00	46.55 2.22 0.00	40.96 2.17 0.00	37.97 2.15 0.00	38.78 2.23 0.00	40.57 2.48 0.00	41.08 2.58 0.00	41.04 2.97 0.00	44.56 3.38 0.00	46.02 3.80 -0.01	52.36 4.37 0.00	60.46 4.53 0.00	67.18 4.10 0.00	70.13 4.03 0.00	66.58 3.59 0.00	55.44 3.04 0.00	49.56 2.94 0.00	40.84 2.49 0.00
RAVENSWOOD_GT_10 24258	36.87 1.76 0.00	33.45 1.44 0.00	32.18 1.53 0.00	31.37 1.41 0.00	31.64 1.39 0.00	35.14 1.32 0.00	40.41 1.74 0.00	46.59 2.26 0.00	40.96 2.17 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.53 2.44 0.00	41.04 2.54 0.00	40.96 2.89 0.00	44.43 3.25 0.00	45.89 3.67 -0.01	52.22 4.22 0.00	60.46 4.53 0.00	67.30 4.23 0.00	70.26 4.16 0.00	66.77 3.78 0.00	55.49 3.09 0.00	49.56 2.94 0.00	40.81 2.45 0.00
RAVENSWOOD_GT_11 24259	36.87 1.76 0.00	33.45 1.44 0.00	32.18 1.53 0.00	31.37 1.41 0.00	31.64 1.39 0.00	35.14 1.32 0.00	40.41 1.74 0.00	46.59 2.26 0.00	40.96 2.17 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.53 2.44 0.00	41.04 2.54 0.00	40.96 2.89 0.00	44.43 3.25 0.00	45.89 3.67 -0.01	52.22 4.22 0.00	60.46 4.53 0.00	67.30 4.23 0.00	70.26 4.16 0.00	66.77 3.78 0.00	55.49 3.09 0.00	49.56 2.94 0.00	40.81 2.45 0.00
RAVENSWOOD_GT_4 24252	36.87 1.76 0.00	33.45 1.44 0.00	32.18 1.53 0.00	31.37 1.41 0.00	31.64 1.39 0.00	35.10 1.29 0.00	40.41 1.74 0.00	46.55 2.22 0.00	40.96 2.17 0.00	37.93 2.11 0.00	38.75 2.19 0.00	40.53 2.44 0.00	41.04 2.54 0.00	40.96 2.89 0.00	44.47 3.29 0.00	45.93 3.71 -0.01	52.26 4.27 0.00	60.46 4.53 0.00	67.24 4.16 0.00	70.19 4.10 0.00	66.70 3.72 0.00	55.49 3.09 0.00	49.56 2.94 0.00	40.81 2.45 0.00
RAVENSWOOD_GT_5 24254	36.87 1.76 0.00	33.45 1.44 0.00	32.18 1.53 0.00	31.37 1.41 0.00	31.64 1.39 0.00	35.10 1.29 0.00	40.41 1.74 0.00	46.55 2.22 0.00	40.96 2.17 0.00	37.93 2.11 0.00	38.75 2.19 0.00	40.53 2.44 0.00	41.04 2.54 0.00	40.96 2.89 0.00	44.47 3.29 0.00	45.93 3.71 -0.01	52.26 4.27 0.00	60.46 4.53 0.00	67.24 4.16 0.00	70.19 4.10 0.00	66.70 3.72 0.00	55.49 3.09 0.00	49.56 2.94 0.00	40.81 2.45 0.00
RAVENSWOOD_GT_6 24253	36.87 1.76 0.00	33.45 1.44 0.00	32.18 1.53 0.00	31.37 1.41 0.00	31.64 1.39 0.00	35.10 1.29 0.00	40.41 1.74 0.00	46.55 2.22 0.00	40.96 2.17 0.00	37.93 2.11 0.00	38.75 2.19 0.00	40.53 2.44 0.00	41.04 2.54 0.00	40.96 2.89 0.00	44.47 3.29 0.00	45.93 3.71 -0.01	52.26 4.27 0.00	60.46 4.53 0.00	67.24 4.16 0.00	70.19 4.10 0.00	66.70 3.72 0.00	55.49 3.09 0.00	49.56 2.94 0.00	40.81 2.45 0.00

RAVENSWOOD_GT_7 24255	36.87 1.76 0.00	33.45 1.44 0.00	32.18 1.53 0.00	31.37 1.41 0.00	31.64 1.39 0.00	35.10 1.29 0.00	40.41 1.74 0.00	46.55 2.22 0.00	40.96 2.17 0.00	37.93 2.11 0.00	38.75 2.19 0.00	40.53 2.44 0.00	41.04 2.54 0.00	40.96 2.89 0.00	44.47 3.29 0.00	45.93 3.71 -0.01	52.26 4.27 0.00	60.46 4.53 0.00	67.24 4.16 0.00	70.19 4.10 0.00	66.70 3.72 0.00	55.49 3.09 0.00	49.56 2.94 0.00	40.81 2.45 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	36.87 1.76 0.00	33.45 1.44 0.00	32.18 1.53 0.00	31.37 1.41 0.00	31.64 1.39 0.00	35.14 1.32 0.00	40.41 1.74 0.00	46.59 2.26 0.00	40.96 2.17 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.53 2.44 0.00	41.04 2.54 0.00	40.96 2.89 0.00	44.43 3.25 0.00	45.89 3.67 -0.01	52.22 4.22 0.00	60.46 4.53 0.00	67.30 4.23 0.00	70.26 4.16 0.00	66.77 3.78 0.00	55.49 3.09 0.00	49.56 2.94 0.00	40.81 2.45 0.00
RAVENSWOOD_GT_9 24257	36.87 1.76 0.00	33.45 1.44 0.00	32.18 1.53 0.00	31.37 1.41 0.00	31.64 1.39 0.00	35.14 1.32 0.00	40.41 1.74 0.00	46.59 2.26 0.00	40.96 2.17 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.53 2.44 0.00	41.04 2.54 0.00	40.96 2.89 0.00	44.43 3.25 0.00	45.89 3.67 -0.01	52.22 4.22 0.00	60.46 4.53 0.00	67.30 4.23 0.00	70.26 4.16 0.00	66.77 3.78 0.00	55.49 3.09 0.00	49.56 2.94 0.00	40.81 2.45 0.00
RAVENSWOOD___1 23533	36.87 1.76 0.00	33.48 1.47 0.00	32.18 1.53 0.00	31.40 1.44 0.00	31.64 1.39 0.00	35.03 1.22 0.00	40.37 1.70 0.00	46.46 2.13 0.00	40.96 2.17 0.00	37.93 2.11 0.00	38.78 2.23 0.00	40.54 2.44 0.00	41.27 2.77 0.00	41.08 3.01 0.00	44.51 3.33 0.00	46.02 3.80 -0.01	52.22 4.22 0.00	60.29 4.37 0.00	67.05 3.98 0.00	69.93 3.83 0.00	66.51 3.53 0.00	55.39 2.99 0.00	49.46 2.84 0.00	40.84 2.49 0.00
RAVENSWOOD___2 23534	36.87 1.76 0.00	33.48 1.47 0.00	32.18 1.53 0.00	31.40 1.44 0.00	31.64 1.39 0.00	35.03 1.22 0.00	40.33 1.66 0.00	46.46 2.13 0.00	40.96 2.17 0.00	37.93 2.11 0.00	38.78 2.23 0.00	40.54 2.44 0.00	41.27 2.77 0.00	41.08 3.01 0.00	44.51 3.33 0.00	46.02 3.80 -0.01	52.22 4.22 0.00	60.29 4.37 0.00	67.05 3.98 0.00	69.93 3.83 0.00	66.51 3.53 0.00	55.39 2.99 0.00	49.46 2.84 0.00	40.84 2.49 0.00
RAVENSWOOD___3 23535	36.87 1.76 0.00	33.45 1.44 0.00	32.18 1.53 0.00	31.37 1.41 0.00	31.64 1.39 0.00	35.13 1.32 0.00	40.41 1.74 0.00	46.50 2.17 0.00	40.96 2.17 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.54 2.44 0.00	41.23 2.73 0.00	41.04 2.97 0.00	44.43 3.25 0.00	45.89 3.67 -0.01	52.07 4.08 0.00	60.29 4.37 0.00	67.17 4.10 0.00	70.13 4.03 0.00	66.70 3.72 0.00	55.44 3.04 0.00	49.51 2.89 0.00	40.84 2.49 0.00
RAVENSWOOD___4 23820	36.87 1.76 0.00	33.48 1.47 0.00	32.18 1.53 0.00	31.40 1.44 0.00	31.64 1.39 0.00	35.03 1.22 0.00	40.33 1.66 0.00	46.46 2.13 0.00	40.96 2.17 0.00	37.93 2.11 0.00	38.78 2.23 0.00	40.54 2.44 0.00	41.27 2.77 0.00	41.08 3.01 0.00	44.51 3.33 0.00	46.02 3.80 -0.01	52.17 4.17 0.00	60.29 4.37 0.00	67.05 3.98 0.00	69.93 3.83 0.00	66.51 3.53 0.00	55.39 2.99 0.00	49.46 2.84 0.00	40.81 2.46 0.00
RCPL_TRUST___DRP 24196	36.91 1.79 0.00	33.48 1.47 0.00	32.18 1.53 0.00	31.37 1.41 0.00	31.64 1.39 0.00	35.17 1.35 0.00	40.49 1.82 0.00	46.68 2.35 0.00	41.04 2.25 0.00	37.97 2.15 0.00	38.82 2.27 0.00	40.65 2.55 0.00	41.12 2.62 0.00	41.04 2.97 0.00	44.52 3.34 0.00	46.02 3.80 -0.01	52.36 4.37 0.00	60.57 4.64 0.00	67.43 4.35 0.00	70.39 4.30 0.00	66.89 3.91 0.00	55.60 3.20 0.00	49.65 3.03 0.00	40.88 2.53 0.00
RED___ROCHESTER 323720	32.72 -2.14 0.25	29.33 -2.11 0.57	28.22 -2.05 0.38	27.82 -1.89 0.25	28.10 -1.81 0.34	30.74 -1.89 1.18	34.39 -2.09 2.19	40.04 -2.04 2.25	36.14 -1.36 1.29	33.89 -1.29 0.64	34.23 -1.43 0.89	34.95 -1.64 1.51	35.11 -1.73 1.66	34.92 -1.86 1.28	36.41 -2.06 2.71	37.53 -2.11 2.57	41.57 -2.40 4.02	47.93 -2.63 5.37	54.71 -2.40 5.97	58.53 -2.44 5.12	55.86 -2.52 4.61	47.40 -2.10 2.91	41.95 -2.75 1.92	35.70 -2.57 0.08
REGAN___SOLAR 323812	37.50 2.39 0.00	34.16 2.14 0.00	32.67 2.02 0.00	31.91 1.95 0.00	32.25 2.00 0.00	36.15 2.33 0.00	40.91 2.24 0.00	46.54 2.22 0.00	40.03 1.24 0.00	36.79 0.97 0.00	37.36 0.80 0.00	38.78 0.69 0.00	39.15 0.65 0.00	38.72 0.65 0.00	41.71 0.53 0.00	42.88 0.67 0.00	49.05 1.05 0.00	58.17 2.24 0.00	66.86 3.78 0.00	71.45 5.35 0.00	68.34 5.35 0.00	56.75 4.35 0.00	50.35 3.73 0.00	41.31 2.95 0.00
RENSSELAER___COGEN 23796	35.96 0.84 0.00	32.75 0.74 0.00	31.38 0.73 0.00	30.68 0.72 0.00	30.92 0.66 0.00	34.53 0.71 0.00	39.40 0.73 0.00	45.13 0.80 0.00	39.29 0.50 0.00	36.32 0.50 0.00	37.10 0.55 0.00	38.67 0.57 0.00	39.19 0.69 0.00	38.87 0.80 0.00	42.00 0.82 0.00	43.05 0.84 0.00	48.81 0.82 0.00	56.93 1.01 0.00	64.15 1.07 0.00	67.29 1.19 0.00	64.12 1.13 0.00	53.39 0.99 0.00	47.60 0.98 0.00	39.39 1.04 0.00
REPUBLIC_115KV_BARTNBRK 55605	39.22 4.11 0.00	35.72 3.71 0.00	34.14 3.49 0.00	33.35 3.39 0.00	33.70 3.45 0.00	37.77 3.96 0.00	42.85 4.18 0.00	49.12 4.79 0.00	42.16 3.37 0.00	38.83 3.01 0.00	39.59 3.03 0.00	40.92 2.82 0.00	41.12 2.62 0.00	40.89 2.82 0.00	44.02 2.84 0.00	44.19 1.98 0.00	50.54 2.54 0.00	60.01 4.08 0.00	68.56 5.49 0.00	73.70 7.60 0.00	70.48 7.50 0.00	58.58 6.18 0.00	51.79 5.17 0.00	43.57 5.22 0.00
REVERE_CPPR_DRP 24186	35.99 0.88 0.00	32.75 0.74 0.00	31.32 0.67 0.00	30.59 0.63 0.00	30.83 0.57 0.00	34.53 0.71 0.00	39.41 0.73 0.00	45.35 1.02 0.00	39.53 0.74 0.00	36.43 0.61 0.00	36.99 0.44 0.00	38.55 0.46 0.00	38.88 0.38 0.00	38.37 0.30 0.00	41.38 0.33 0.13	42.39 0.34 0.15	48.08 0.38 0.30	56.42 0.95 0.46	64.00 1.51 0.59	67.19 1.65 0.56	63.95 1.51 0.55	53.23 1.21 0.37	47.37 1.03 0.27	39.00 0.65 0.00
REYNLDDPA_13_KV_LD 356490	34.98 -0.14 0.00	32.01 0.00 0.00	30.62 -0.03 0.00	29.93 -0.03 0.00	30.25 0.00 0.00	33.88 0.07 0.00	38.71 0.04 0.00	44.37 0.04 0.00	38.87 0.08 0.00	35.86 0.04 0.00	36.59 0.04 0.00	38.13 0.04 0.00	38.58 0.08 0.00	38.07 0.00 0.00	41.18 0.00 0.00	42.17 -0.04 0.00	47.99 0.00 0.00	55.09 -0.84 0.00	62.38 -0.69 0.00	65.37 -0.73 0.00	62.36 -0.63 0.00	52.35 -0.05 0.00	46.71 0.09 0.00	38.43 0.08 0.00
REYNOLDS_115KV_TB3 80639	36.24 1.12 0.00	33.00 0.99 0.00	31.63 0.98 0.00	30.89 0.93 0.00	31.16 0.91 0.00	34.80 0.98 0.00	39.75 1.08 0.00	45.57 1.24 0.00	39.64 0.85 0.00	36.64 0.82 0.00	37.43 0.88 0.00	39.01 0.91 0.00	39.39 0.89 0.00	39.21 1.14 0.00	42.37 1.19 0.00	43.39 1.18 0.00	49.24 1.25 0.00	57.44 1.51 0.00	64.72 1.64 0.00	67.81 1.72 0.00	64.81 1.83 0.00	54.03 1.62 0.00	48.06 1.45 0.00	39.69 1.34 0.00

RIVERBAY____ 323610	37.33 2.21 0.00	33.93 1.92 0.00	32.67 2.02 0.00	31.85 1.89 0.00	32.13 1.88 0.00	35.41 1.59 0.00	40.80 2.13 0.00	47.03 2.70 0.00	41.39 2.60 0.00	38.33 2.51 0.00	39.15 2.60 0.00	40.95 2.86 0.00	41.46 2.96 0.00	41.38 3.31 0.00	44.93 3.75 0.00	46.48 4.26 -0.01	52.79 4.80 0.00	61.07 5.15 0.00	67.87 4.79 0.00	70.85 4.76 0.00	67.33 4.35 0.00	56.02 3.62 0.00	50.07 3.45 0.00	41.34 2.99 0.00
RIVERSDE_115KV_TB3 55908	36.13 1.02 0.00	32.91 0.90 0.00	31.54 0.89 0.00	30.80 0.84 0.00	31.07 0.82 0.00	34.70 0.88 0.00	39.64 0.97 0.00	45.39 1.06 0.00	39.49 0.70 0.00	36.54 0.72 0.00	37.32 0.77 0.00	38.90 0.80 0.00	39.27 0.77 0.00	39.06 0.99 0.00	42.25 1.07 0.00	43.22 1.01 0.00	49.05 1.06 0.00	57.21 1.29 0.00	64.46 1.39 0.00	67.62 1.52 0.00	64.63 1.64 0.00	53.82 1.41 0.00	47.92 1.31 0.00	39.58 1.23 0.00
ROARING____BROOK_WT_PWR 323790	34.73 -0.39 0.00	31.59 -0.42 0.00	30.19 -0.46 0.00	29.48 -0.48 0.00	29.77 -0.49 0.00	33.27 -0.54 0.00	38.09 -0.58 0.00	43.75 -0.58 0.00	38.33 -0.46 0.00	35.43 -0.39 0.00	36.15 -0.40 0.00	37.68 -0.42 0.00	38.12 -0.38 0.00	37.69 -0.38 0.00	40.77 -0.41 0.00	41.79 -0.42 0.00	47.61 -0.39 0.00	55.48 -0.45 0.00	62.76 -0.31 0.00	65.77 -0.33 0.00	62.67 -0.31 0.00	52.04 -0.36 0.00	46.20 -0.42 0.00	37.89 -0.46 0.00
ROCHESRG_115KV_T4 355643	32.33 -2.49 0.30	28.95 -2.40 0.66	27.88 -2.33 0.44	27.51 -2.16 0.29	27.74 -2.12 0.39	30.21 -2.23 1.38	33.59 -2.51 2.56	39.08 -2.62 2.63	35.38 -1.90 1.51	33.28 -1.79 0.74	33.61 -1.90 1.04	34.20 -2.13 1.76	34.49 -2.08 1.93	34.25 -2.32 1.49	35.60 -2.55 3.03	36.70 -2.66 2.85	40.47 -3.12 4.41	46.63 -3.47 5.83	53.19 -3.47 6.41	57.08 -3.57 5.44	54.53 -3.59 4.87	46.06 -3.30 3.04	41.28 -3.36 1.98	35.23 -3.03 0.10
ROCHESTER_9_IC 23652	32.58 -2.28 0.25	29.24 -2.21 0.56	28.10 -2.18 0.38	27.74 -1.98 0.25	27.98 -1.94 0.33	30.62 -2.03 1.17	34.26 -2.24 2.17	39.84 -2.26 2.23	35.92 -1.59 1.28	33.68 -1.50 0.63	34.06 -1.61 0.88	34.78 -1.83 1.49	35.05 -1.81 1.64	34.78 -2.02 1.27	36.23 -2.26 2.69	37.33 -2.32 2.55	41.26 -2.74 4.00	47.62 -2.96 5.34	54.30 -2.84 5.94	58.09 -2.91 5.10	55.43 -2.96 4.60	46.72 -2.78 2.90	41.72 -2.98 1.91	35.51 -2.76 0.08
ROCKVIEW_13_KV_LD 356306	36.94 1.83 0.00	33.52 1.50 0.00	32.18 1.53 0.00	31.40 1.44 0.00	31.64 1.39 0.00	35.24 1.42 0.00	40.49 1.82 0.00	46.63 2.31 0.00	40.92 2.13 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.53 2.44 0.00	41.04 2.54 0.00	40.96 2.89 0.00	44.43 3.25 0.00	45.80 3.59 0.00	52.17 4.18 0.00	60.46 4.53 0.00	67.43 4.35 0.00	70.39 4.30 0.00	66.89 3.91 0.00	55.55 3.14 0.00	49.60 2.98 0.00	40.81 2.45 0.00
ROME____115KV_TB2 80656	35.99 0.88 0.00	32.75 0.74 0.00	31.32 0.67 0.00	30.59 0.63 0.00	30.83 0.57 0.00	34.53 0.71 0.00	39.41 0.73 0.00	45.35 1.02 0.00	39.53 0.74 0.00	36.43 0.61 0.00	36.99 0.44 0.00	38.55 0.46 0.00	38.88 0.38 0.00	38.37 0.30 0.00	41.38 0.33 0.13	42.39 0.34 0.15	48.08 0.38 0.30	56.42 0.95 0.46	64.00 1.51 0.59	67.19 1.65 0.56	63.95 1.51 0.55	53.23 1.21 0.37	47.37 1.03 0.27	39.00 0.65 0.00
ROSETON____1 23587	36.52 1.41 0.00	33.16 1.15 0.00	31.88 1.23 0.00	31.10 1.14 0.00	31.34 1.09 0.00	34.90 1.08 0.00	40.06 1.39 0.00	46.01 1.68 0.00	40.38 1.59 0.00	37.36 1.54 0.00	38.20 1.65 0.00	39.89 1.79 0.00	40.54 2.04 0.00	40.31 2.25 0.00	43.65 2.47 0.00	44.91 2.70 0.00	51.07 3.07 0.00	59.23 3.30 0.00	66.23 3.15 0.00	69.14 3.04 0.00	65.83 2.84 0.00	54.70 2.30 0.00	48.86 2.24 0.00	40.27 1.92 0.00
ROSETON____2 23588	36.52 1.41 0.00	33.16 1.15 0.00	31.88 1.23 0.00	31.10 1.14 0.00	31.34 1.09 0.00	34.90 1.08 0.00	40.06 1.39 0.00	46.01 1.68 0.00	40.38 1.59 0.00	37.36 1.54 0.00	38.20 1.65 0.00	39.89 1.79 0.00	40.54 2.04 0.00	40.31 2.25 0.00	43.65 2.47 0.00	44.91 2.70 0.00	51.07 3.07 0.00	59.23 3.30 0.00	66.23 3.15 0.00	69.14 3.04 0.00	65.83 2.84 0.00	54.70 2.30 0.00	48.86 2.24 0.00	40.27 1.92 0.00
ROTTDRAM_115KV_TB3 80664	36.20 1.09 0.00	33.00 0.99 0.00	31.60 0.95 0.00	30.89 0.93 0.00	31.19 0.94 0.00	34.83 1.01 0.00	39.75 1.08 0.00	45.57 1.24 0.00	39.68 0.89 0.00	36.64 0.82 0.00	37.39 0.84 0.00	38.97 0.88 0.00	39.35 0.85 0.00	39.06 0.99 0.00	42.21 1.03 0.00	43.18 0.97 0.00	49.14 1.15 0.00	57.44 1.51 0.00	64.84 1.77 0.00	68.08 1.98 0.00	65.00 2.02 0.00	54.08 1.68 0.00	48.16 1.54 0.00	39.73 1.38 0.00
RUSSELL____1 23602	32.72 -2.14 0.25	29.33 -2.11 0.57	28.22 -2.05 0.38	27.85 -1.86 0.25	28.10 -1.82 0.34	30.74 -1.89 1.18	34.39 -2.09 2.19	40.04 -2.04 2.25	36.14 -1.36 1.29	33.89 -1.29 0.64	34.23 -1.43 0.89	34.95 -1.64 1.51	35.27 -1.58 1.66	35.00 -1.79 1.28	36.41 -2.06 2.71	37.57 -2.07 2.57	41.52 -2.45 4.02	47.93 -2.63 5.37	54.71 -2.40 5.97	58.60 -2.38 5.12	55.86 -2.52 4.61	47.03 -2.46 2.91	42.00 -2.70 1.92	35.70 -2.57 0.08
RUSSELL____2 23532	32.72 -2.14 0.25	29.33 -2.11 0.57	28.22 -2.05 0.38	27.85 -1.86 0.25	28.10 -1.82 0.34	30.74 -1.89 1.18	34.39 -2.09 2.19	40.04 -2.04 2.25	36.14 -1.36 1.29	33.89 -1.29 0.64	34.23 -1.43 0.89	34.95 -1.64 1.51	35.27 -1.58 1.66	35.00 -1.79 1.28	36.41 -2.06 2.71	37.57 -2.07 2.57	41.52 -2.45 4.02	47.93 -2.63 5.37	54.71 -2.40 5.97	58.60 -2.38 5.12	55.86 -2.52 4.61	47.03 -2.46 2.91	42.00 -2.70 1.92	35.70 -2.57 0.08
RUSSELL____3 23549	32.72 -2.14 0.25	29.33 -2.11 0.57	28.22 -2.05 0.38	27.85 -1.86 0.25	28.10 -1.82 0.34	30.74 -1.89 1.18	34.39 -2.09 2.19	40.04 -2.04 2.25	36.14 -1.36 1.29	33.89 -1.29 0.64	34.23 -1.43 0.89	34.95 -1.64 1.51	35.27 -1.58 1.66	35.00 -1.79 1.28	36.41 -2.06 2.71	37.57 -2.07 2.57	41.52 -2.45 4.02	47.93 -2.63 5.37	54.71 -2.40 5.97	58.60 -2.38 5.12	55.86 -2.52 4.61	47.03 -2.46 2.91	42.00 -2.70 1.92	35.70 -2.57 0.08
RUSSELL____4 23556	32.72 -2.14 0.25	29.33 -2.11 0.57	28.22 -2.05 0.38	27.85 -1.86 0.25	28.10 -1.82 0.34	30.74 -1.89 1.18	34.39 -2.09 2.19	40.04 -2.04 2.25	36.14 -1.36 1.29	33.89 -1.29 0.64	34.23 -1.43 0.89	34.95 -1.64 1.51	35.27 -1.58 1.66	35.00 -1.79 1.28	36.41 -2.06 2.71	37.57 -2.07 2.57	41.52 -2.45 4.02	47.93 -2.63 5.37	54.71 -2.40 5.97	58.60 -2.38 5.12	55.86 -2.52 4.61	47.03 -2.46 2.91	42.00 -2.70 1.92	35.70 -2.57 0.08
RUSSELL____STATION 23914	32.72 -2.14 0.25	29.33 -2.11 0.57	28.22 -2.05 0.38	27.85 -1.86 0.25	28.10 -1.82 0.34	30.74 -1.89 1.18	34.39 -2.09 2.19	40.04 -2.04 2.25	36.14 -1.36 1.29	33.89 -1.29 0.64	34.23 -1.43 0.89	34.95 -1.64 1.51	35.27 -1.58 1.66	35.00 -1.79 1.28	36.41 -2.06 2.71	37.57 -2.07 2.57	41.52 -2.45 4.02	47.93 -2.63 5.37	54.71 -2.40 5.97	58.60 -2.38 5.12	55.86 -2.52 4.61	47.03 -2.46 2.91	42.00 -2.70 1.92	35.70 -2.57 0.08

S SALMON___HYD 24043	34.94 -0.17 0.00	31.79 -0.22 0.00	30.37 -0.28 0.00	29.72 -0.24 0.00	30.01 -0.24 0.00	33.62 -0.20 0.00	38.40 -0.27 0.00	44.06 -0.26 0.00	38.48 -0.31 0.00	35.46 -0.36 0.00	36.04 -0.51 0.00	37.56 -0.53 0.00	37.77 -0.73 0.00	37.23 -0.84 0.00	40.43 -0.95 -0.19	41.47 -0.97 -0.23	47.28 -1.15 -0.44	55.55 -1.06 -0.68	63.20 -0.75 -0.88	66.33 -0.60 -0.83	63.24 -0.57 -0.82	52.43 -0.52 -0.56	46.56 -0.47 -0.40	37.78 -0.57 0.00
S.PERRY___115KV_TB1 80734	38.23 -1.16 -4.27	40.31 -1.25 -9.55	35.82 -1.26 -6.43	33.13 -1.05 -4.22	35.04 -0.91 -5.70	52.97 -0.78 -19.93	74.86 -0.85 -37.04	81.33 -0.98 -37.98	59.76 -0.85 -21.82	45.49 -1.07 -10.75	50.40 -1.24 -15.09	62.10 -1.41 -25.41	65.18 -1.27 -27.95	57.88 -1.56 -21.38	70.17 -1.69 -30.67	66.27 -1.73 -25.79	80.18 -1.92 -34.11	92.98 -1.57 -38.62	96.17 -0.63 -33.73	89.64 0.13 -23.41	78.69 0.13 -15.58	59.19 -0.42 -7.20	47.37 -1.17 -1.92	38.25 -1.50 -1.39
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	30.14 -3.62 1.35	25.59 -3.39 3.02	25.33 -3.28 2.04	25.51 -3.12 1.34	25.36 -3.09 1.81	24.22 -3.28 6.31	23.26 -3.67 11.73	28.44 -3.86 12.03	29.08 -2.79 6.91	29.77 -2.65 3.40	29.00 -2.78 4.78	27.04 -3.01 8.05	26.64 -3.00 8.85	28.47 -3.24 6.36	27.50 -3.54 10.14	29.62 -3.80 8.79	31.16 -4.56 12.28	36.30 -4.98 14.65	45.22 -5.36 12.49	49.55 -5.62 10.93	49.18 -5.73 8.08	42.42 -5.14 4.84	38.94 -5.13 2.55	33.31 -4.60 0.44
SAWYER___23_KV_LOAD 55526	30.14 -3.62 1.35	25.59 -3.39 3.02	25.33 -3.28 2.04	25.51 -3.12 1.34	25.36 -3.09 1.81	24.22 -3.28 6.31	23.26 -3.67 11.73	28.44 -3.86 12.03	29.08 -2.79 6.91	29.77 -2.65 3.40	29.00 -2.78 4.78	27.04 -3.01 8.05	26.64 -3.00 8.85	28.47 -3.24 6.36	27.50 -3.54 10.14	29.62 -3.80 8.79	31.16 -4.56 12.28	36.30 -4.98 14.65	45.22 -5.36 12.49	49.55 -5.62 10.93	49.18 -5.73 8.08	42.42 -5.14 4.84	38.94 -5.13 2.55	33.31 -4.60 0.44
SELKIRK___I 23801	36.20 1.09 0.00	33.00 0.99 0.00	31.63 0.98 0.00	30.89 0.93 0.00	31.16 0.91 0.00	34.76 0.95 0.00	39.67 1.00 0.00	45.35 1.02 0.00	39.45 0.66 0.00	36.43 0.61 0.00	37.17 0.62 0.00	38.74 0.65 0.00	39.23 0.73 0.00	38.91 0.84 0.00	42.05 0.87 0.00	43.10 0.89 0.00	48.95 0.96 0.00	57.16 1.23 0.00	64.46 1.39 0.00	67.75 1.65 0.00	64.56 1.58 0.00	53.76 1.36 0.00	47.97 1.35 0.00	39.66 1.30 0.00
SELKIRK___II 23799	35.92 0.81 0.00	32.75 0.74 0.00	31.38 0.73 0.00	30.68 0.72 0.00	30.95 0.70 0.00	34.53 0.71 0.00	39.44 0.77 0.00	45.17 0.84 0.00	39.41 0.62 0.00	36.39 0.57 0.00	37.17 0.62 0.00	38.74 0.65 0.00	39.27 0.77 0.00	38.94 0.88 0.00	42.08 0.90 0.00	43.14 0.93 0.00	48.95 0.96 0.00	57.04 1.12 0.00	64.21 1.14 0.00	67.29 1.19 0.00	64.12 1.13 0.00	53.39 0.99 0.00	47.64 1.02 0.00	39.35 1.00 0.00
SENECA OSWGO___HYD 24041	34.38 -0.74 0.00	31.28 -0.73 0.00	29.91 -0.74 0.00	29.27 -0.69 0.00	29.61 -0.64 0.00	33.14 -0.68 0.00	37.90 -0.77 0.00	43.40 -0.93 0.00	38.01 -0.78 0.00	35.07 -0.75 0.00	35.78 -0.77 0.00	37.26 -0.84 0.00	37.54 -0.96 0.00	36.96 -1.11 0.00	40.53 -1.20 -0.55	41.64 -1.23 -0.65	47.85 -1.39 -1.26	56.47 -1.40 -1.94	64.18 -1.39 -2.49	67.13 -1.32 -2.36	63.99 -1.33 -2.33	52.87 -1.10 -1.58	46.55 -1.21 -1.15	37.28 -1.07 0.00
SENECA___115KV_TB3 355854	30.57 -3.09 1.45	25.86 -2.91 3.24	25.65 -2.82 2.18	25.86 -2.67 1.43	25.68 -2.63 1.93	24.29 -2.77 6.75	23.02 -3.10 12.55	28.31 -3.15 12.87	29.14 -2.25 7.40	30.06 -2.11 3.64	29.21 -2.23 5.11	27.05 -2.44 8.61	26.45 -2.58 9.47	28.37 -2.67 7.03	27.29 -2.84 11.05	29.55 -3.08 9.58	31.06 -3.60 13.33	36.24 -3.80 15.88	45.82 -4.04 13.22	50.23 -4.23 11.64	50.35 -4.35 8.29	43.50 -3.88 5.03	39.71 -4.33 2.57	33.97 -3.91 0.47
SENECA___ENERGY 23797	35.72 -0.04 -0.64	33.31 -0.13 -1.43	31.40 -0.21 -0.96	30.44 -0.15 -0.63	31.07 -0.03 -0.85	36.90 0.10 -2.98	44.37 0.16 -5.54	50.19 0.18 -5.68	42.25 0.19 -3.26	37.46 0.04 -1.61	38.81 0.00 -2.26	41.86 -0.04 -3.80	42.60 -0.08 -4.18	41.04 -0.23 -3.20	45.70 -0.16 -4.68	45.97 -0.21 -3.97	53.16 -0.14 -5.31	62.25 0.22 -6.10	69.30 0.76 -5.47	71.04 1.05 -3.89	66.71 1.00 -2.71	54.15 0.42 -1.33	46.95 -0.14 -0.47	38.18 -0.38 -0.21
SHOEMAKER___GT 23640	36.31 1.19 0.00	32.97 0.96 0.00	31.66 1.01 0.00	30.89 0.93 0.00	31.16 0.91 0.00	34.69 0.88 0.00	39.79 1.12 0.00	45.66 1.33 0.00	40.07 1.28 0.00	37.00 1.18 0.00	37.83 1.28 0.00	39.51 1.41 0.00	40.12 1.62 0.00	39.86 1.79 0.00	43.16 1.98 0.00	44.40 2.19 0.00	50.53 2.54 0.00	58.72 2.80 0.00	65.79 2.71 0.00	68.74 2.65 0.00	65.51 2.52 0.00	54.39 1.99 0.00	48.49 1.87 0.00	39.96 1.61 0.00
SHOEMAKR_138KV_BK 111 55601	36.31 1.19 0.00	32.97 0.96 0.00	31.66 1.01 0.00	30.89 0.93 0.00	31.16 0.91 0.00	34.70 0.88 0.00	39.79 1.12 0.00	45.70 1.37 0.00	40.07 1.28 0.00	37.04 1.22 0.00	37.83 1.28 0.00	39.54 1.45 0.00	39.96 1.46 0.00	39.86 1.79 0.00	43.20 2.02 0.00	44.40 2.19 0.00	50.63 2.64 0.00	58.83 2.91 0.00	65.85 2.78 0.00	68.81 2.71 0.00	65.51 2.52 0.00	54.39 1.99 0.00	48.53 1.91 0.00	39.96 1.61 0.00
SHOREHAM_IC_1 23715	38.21 3.09 -0.01	34.28 2.27 0.00	33.04 2.39 0.00	32.18 2.22 0.00	32.52 2.27 0.00	36.52 2.71 0.00	41.57 2.90 0.00	47.52 3.19 0.00	41.93 3.14 0.00	39.37 3.55 0.00	41.29 3.22 -1.52	41.37 3.28 0.00	41.69 3.19 0.00	41.65 3.58 -0.01	45.01 3.83 0.00	49.57 4.22 -3.14	52.84 4.85 0.00	60.73 4.81 0.00	66.86 3.78 0.00	69.66 3.57 0.00	66.01 3.02 0.00	54.97 2.57 0.00	50.35 3.73 0.00	41.92 3.57 0.00
SHOREHAM_IC_2 23716	38.21 3.09 -0.01	34.28 2.27 0.00	33.04 2.39 0.00	32.18 2.22 0.00	32.52 2.27 0.00	36.52 2.71 0.00	41.57 2.90 0.00	47.52 3.19 0.00	41.93 3.14 0.00	39.37 3.55 0.00	41.29 3.22 -1.52	41.37 3.28 0.00	41.69 3.19 0.00	41.65 3.58 -0.01	45.01 3.83 0.00	49.57 4.22 -3.14	52.84 4.85 0.00	60.73 4.81 0.00	66.86 3.78 0.00	69.66 3.57 0.00	66.01 3.02 0.00	54.97 2.57 0.00	50.35 3.73 0.00	41.92 3.57 0.00
SISSONVILLE____ 23735	34.62 -0.49 0.00	31.69 -0.32 0.00	30.31 -0.34 0.00	29.60 -0.36 0.00	29.86 -0.39 0.00	33.48 -0.34 0.00	38.25 -0.43 0.00	43.89 -0.44 0.00	38.32 -0.47 0.00	35.32 -0.50 0.00	35.97 -0.58 0.00	37.49 -0.61 0.00	37.69 -0.81 0.00	37.12 -0.95 0.00	39.94 -1.24 0.00	40.90 -1.31 0.00	46.60 -1.39 0.00	54.08 -1.85 0.00	61.50 -1.58 0.00	64.51 -1.59 0.00	61.48 -1.51 0.00	51.25 -1.15 0.00	45.92 -0.70 0.00	37.82 -0.54 0.00
SITHE_IND_GS1 24169	34.10 -1.02 0.00	31.05 -0.96 0.00	29.70 -0.95 0.00	29.06 -0.90 0.00	29.37 -0.88 0.00	32.84 -0.98 0.00	37.59 -1.08 0.00	43.00 -1.33 0.00	37.66 -1.13 0.00	34.75 -1.07 0.00	35.46 -1.10 0.00	36.91 -1.18 0.00	37.15 -1.35 0.00	36.58 -1.49 0.00	34.30 -1.61 5.27	34.30 -1.65 6.26	34.05 -1.87 12.07	35.30 -2.01 18.62	36.95 -2.21 23.92	41.17 -2.25 22.68	38.46 -2.14 22.38	35.48 -1.78 15.14	33.87 -1.72 11.02	36.86 -1.50 0.00

SITHE_IND_GS2 24170	34.10 -1.02 0.00	31.05 -0.96 0.00	29.70 -0.95 0.00	29.06 -0.90 0.00	29.37 -0.88 0.00	32.84 -0.98 0.00	37.59 -1.08 0.00	43.00 -1.33 0.00	37.66 -1.13 0.00	34.75 -1.07 0.00	35.46 -1.10 0.00	36.91 -1.18 0.00	37.15 -1.35 0.00	36.58 -1.49 0.00	34.30 -1.61 5.27	34.30 -1.65 6.26	34.05 -1.87 12.07	35.30 -2.01 18.62	36.95 -2.21 23.92	41.17 -2.25 22.68	38.46 -2.14 22.38	35.48 -1.78 15.14	33.87 -1.72 11.02	36.86 -1.50 0.00
SITHE_IND_GS3 24171	34.10 -1.02 0.00	31.05 -0.96 0.00	29.70 -0.95 0.00	29.06 -0.90 0.00	29.37 -0.88 0.00	32.84 -0.98 0.00	37.59 -1.08 0.00	43.00 -1.33 0.00	37.66 -1.13 0.00	34.75 -1.07 0.00	35.46 -1.10 0.00	36.91 -1.18 0.00	37.15 -1.35 0.00	36.58 -1.49 0.00	34.30 -1.61 5.27	34.30 -1.65 6.26	34.05 -1.87 12.07	35.30 -2.01 18.62	36.95 -2.21 23.92	41.17 -2.25 22.68	38.46 -2.14 22.38	35.48 -1.78 15.14	33.87 -1.72 11.02	36.86 -1.50 0.00
SITHE_IND_GS4 24172	34.10 -1.02 0.00	31.05 -0.96 0.00	29.70 -0.95 0.00	29.06 -0.90 0.00	29.37 -0.88 0.00	32.84 -0.98 0.00	37.59 -1.08 0.00	43.00 -1.33 0.00	37.66 -1.13 0.00	34.75 -1.07 0.00	35.46 -1.10 0.00	36.91 -1.18 0.00	37.15 -1.35 0.00	36.58 -1.49 0.00	34.30 -1.61 5.27	34.30 -1.65 6.26	34.05 -1.87 12.07	35.30 -2.01 18.62	36.95 -2.21 23.92	41.17 -2.25 22.68	38.46 -2.14 22.38	35.48 -1.78 15.14	33.87 -1.72 11.02	36.86 -1.50 0.00
SITHE___BATAVIA 24024	31.63 -2.70 0.79	27.64 -2.62 1.75	26.90 -2.57 1.18	26.85 -2.34 0.78	26.93 -2.27 1.05	27.84 -2.33 3.64	29.31 -2.59 6.77	34.91 -2.48 6.94	33.13 -1.67 3.99	32.17 -1.68 1.97	31.93 -1.86 2.76	31.28 -2.17 4.64	31.08 -2.31 5.11	31.68 -2.47 3.91	31.94 -2.72 6.52	33.56 -2.87 5.78	36.35 -3.36 8.28	42.02 -3.69 10.21	49.36 -3.53 10.19	54.46 -3.51 8.13	52.73 -3.59 6.67	45.26 -3.25 3.89	40.48 -3.92 2.22	34.53 -3.57 0.26
SITHE___INDEPEND 23800	34.10 -1.02 0.00	31.05 -0.96 0.00	29.70 -0.95 0.00	29.06 -0.90 0.00	29.37 -0.88 0.00	32.84 -0.98 0.00	37.59 -1.08 0.00	42.95 -1.37 0.00	37.66 -1.12 0.00	34.75 -1.07 0.00	35.46 -1.10 0.00	36.88 -1.22 0.00	37.31 -1.19 0.00	36.62 -1.45 0.00	34.30 -1.61 5.27	34.34 -1.60 6.26	34.05 -1.87 12.07	35.30 -2.01 18.62	36.95 -2.21 23.92	41.17 -2.25 22.68	38.46 -2.14 22.38	35.43 -1.83 15.14	33.87 -1.72 11.02	36.89 -1.46 0.00
SITHE___MASSENA 23902	34.91 -0.21 0.00	31.95 -0.06 0.00	30.56 -0.09 0.00	29.90 -0.06 0.00	30.16 -0.09 0.00	33.82 0.00 0.00	38.63 -0.04 0.00	44.28 -0.04 0.00	38.75 -0.04 0.00	35.75 -0.07 0.00	36.44 -0.11 0.00	37.98 -0.11 0.00	38.42 -0.08 0.00	37.92 -0.15 0.00	40.98 -0.20 0.00	41.96 -0.25 0.00	47.75 -0.24 0.00	55.37 -0.56 0.00	62.76 -0.31 0.00	65.77 -0.33 0.00	62.67 -0.31 0.00	52.24 -0.16 0.00	46.62 0.00 0.00	38.35 0.00 0.00
SITHE___OGDNSBRG 24021	35.19 0.07 0.00	32.20 0.19 0.00	30.77 0.12 0.00	30.11 0.15 0.00	30.37 0.12 0.00	34.05 0.24 0.00	38.86 0.19 0.00	44.51 0.18 0.00	38.75 -0.04 0.00	35.71 -0.11 0.00	36.33 -0.22 0.00	37.87 -0.23 0.00	38.19 -0.31 0.00	37.65 -0.42 0.00	40.64 -0.54 0.00	41.62 -0.59 0.00	47.37 -0.62 0.00	54.98 -0.95 0.00	62.64 -0.44 0.00	65.76 -0.33 0.00	62.80 -0.19 0.00	52.40 0.00 0.00	46.85 0.23 0.00	38.51 0.15 0.00
SITHE___STERLING 23777	35.75 0.63 0.00	32.52 0.51 0.00	31.11 0.46 0.00	30.41 0.45 0.00	30.67 0.42 0.00	34.36 0.54 0.00	39.25 0.58 0.00	45.08 0.75 0.00	39.33 0.54 0.00	36.25 0.43 0.00	36.88 0.33 0.00	38.44 0.34 0.00	38.77 0.27 0.00	38.26 0.19 0.00	41.23 0.21 0.16	42.23 0.21 0.19	47.86 0.24 0.37	56.03 0.67 0.57	63.42 1.07 0.73	66.66 1.25 0.69	63.50 1.19 0.68	52.88 0.94 0.46	47.03 0.74 0.34	38.81 0.46 0.00
SLEIGHT__34_KV_TB1 80719	33.23 -1.72 0.17	29.94 -1.70 0.37	28.71 -1.69 0.25	28.27 -1.53 0.16	28.58 -1.45 0.22	31.55 -1.49 0.78	35.56 -1.66 1.45	41.07 -1.77 1.48	36.66 -1.28 0.85	34.18 -1.22 0.42	34.65 -1.32 0.59	35.58 -1.52 0.99	35.95 -1.46 1.09	35.55 -1.68 0.85	37.44 -1.85 1.89	38.49 -1.90 1.82	42.89 -2.21 2.89	49.66 -2.35 3.92	56.50 -2.14 4.43	60.21 -2.05 3.83	57.41 -2.08 3.50	48.19 -1.99 2.22	42.94 -2.19 1.49	36.23 -2.07 0.05
SOUTH CAIRO___GT 23612	37.01 1.90 0.00	33.68 1.66 0.00	32.27 1.62 0.00	31.49 1.53 0.00	31.73 1.48 0.00	35.44 1.62 0.00	40.37 1.70 0.00	46.06 1.73 0.00	39.88 1.09 0.00	36.68 0.86 0.00	37.39 0.84 0.00	38.97 0.88 0.00	39.27 0.77 0.00	39.17 1.10 0.00	42.46 1.28 0.00	43.52 1.31 0.00	49.53 1.54 0.00	58.16 2.24 0.00	66.10 3.03 0.00	69.73 3.64 0.00	66.70 3.72 0.00	55.34 2.93 0.00	49.28 2.66 0.00	40.65 2.30 0.00
SOUTH HAMPTN___IC 23720	38.35 3.23 -0.01	34.48 2.47 0.00	33.25 2.60 0.00	32.45 2.49 0.00	32.82 2.57 0.00	36.86 3.04 0.00	41.96 3.29 0.00	48.09 3.77 0.00	42.43 3.65 0.00	39.87 4.05 0.00	41.90 3.84 -1.52	41.98 3.89 0.00	42.31 3.81 0.00	42.26 4.19 -0.01	45.67 4.49 0.00	50.29 4.94 -3.14	53.65 5.66 0.00	61.85 5.93 0.00	68.12 5.05 0.00	70.98 4.89 0.00	67.08 4.09 0.00	55.76 3.36 0.00	50.95 4.34 0.00	42.42 4.06 0.00
SOUTHDOW__115KV_TB1 355954	31.31 -2.49 1.31	26.71 -2.37 2.93	26.41 -2.27 1.98	26.50 -2.16 1.30	26.26 -2.24 1.75	25.29 -2.40 6.12	24.70 -2.59 11.38	30.05 -2.62 11.67	30.42 -1.67 6.70	30.94 -1.58 3.30	30.27 -1.64 4.64	28.46 -1.83 7.81	28.10 -1.81 8.59	29.79 -1.90 6.37	29.12 -2.02 10.04	31.54 -1.94 8.73	33.72 -2.11 12.16	39.67 -1.73 14.52	49.25 -1.64 12.18	53.67 -1.72 10.70	53.12 -2.20 7.67	45.23 -2.52 4.66	40.95 -3.26 2.41	34.66 -3.26 0.43
SOUTHOLD_69_KV_BK 2 55809	38.45 3.34 0.00	34.64 2.62 0.00	33.50 2.85 0.00	32.72 2.76 0.00	33.12 2.87 0.00	37.23 3.42 0.00	42.38 3.71 0.00	49.16 4.83 0.00	42.98 4.19 0.00	40.40 4.58 0.00	42.56 4.50 -1.52	42.63 4.53 0.00	42.70 4.20 0.00	42.79 4.72 0.00	46.25 5.07 0.00	50.92 5.57 -3.14	54.52 6.53 0.00	63.08 7.16 0.01	69.88 6.81 0.00	72.50 6.41 0.00	68.15 5.17 0.00	56.70 4.30 0.00	51.70 5.08 0.00	42.88 4.53 0.00
SOUTHOLD___IC 23719	38.46 3.34 -0.01	34.64 2.63 0.00	33.50 2.85 0.00	32.72 2.75 0.00	33.13 2.88 0.00	37.23 3.41 0.00	42.38 3.71 0.00	48.68 4.35 0.00	42.98 4.19 0.00	40.41 4.59 0.00	42.53 4.46 -1.52	42.63 4.53 0.00	42.93 4.43 0.00	42.83 4.76 -0.01	46.24 5.06 0.00	50.88 5.53 -3.14	54.47 6.48 0.00	62.97 7.05 0.00	69.32 6.25 0.00	72.24 6.15 0.00	68.09 5.10 0.00	56.54 4.14 0.00	51.56 4.94 0.00	42.88 4.52 0.00
SOUTH_FORK_WT_PWR 323839	38.21 3.09 -0.01	34.51 2.50 0.00	33.41 2.76 0.00	32.69 2.73 0.00	33.13 2.88 0.00	37.27 3.45 0.00	42.42 3.75 0.00	48.72 4.39 0.00	43.02 4.23 0.00	40.47 4.65 0.00	42.60 4.53 -1.52	42.67 4.57 0.00	42.96 4.46 0.00	42.83 4.76 -0.01	46.16 4.98 0.00	50.83 5.48 -3.14	54.42 6.43 0.00	62.97 7.05 0.00	69.38 6.31 0.00	72.24 6.15 0.00	68.03 5.04 0.00	56.49 4.09 0.00	51.51 4.89 0.00	42.88 4.52 0.00

SPIERFLS_115KV_TB 1 80737	37.68 2.56 0.00	34.32 2.30 0.00	32.83 2.18 0.00	32.06 2.10 0.00	32.40 2.15 0.00	36.25 2.43 0.00	41.30 2.63 0.00	47.39 3.06 0.00	41.04 2.25 0.00	37.86 2.04 0.00	38.64 2.08 0.00	39.85 1.75 0.00	40.16 1.66 0.00	39.86 1.79 0.00	42.91 1.73 0.00	43.10 0.89 0.00	49.14 1.15 0.00	58.00 2.07 0.00	65.79 2.71 0.00	69.86 3.77 0.00	66.70 3.72 0.00	55.49 3.09 0.00	49.32 2.70 0.00	41.73 3.37 0.00
ST LAWRENCE____ 23600	34.70 -0.42 0.00	31.75 -0.26 0.00	30.37 -0.28 0.00	29.72 -0.24 0.00	30.01 -0.24 0.00	33.58 -0.24 0.00	38.40 -0.27 0.00	44.02 -0.31 0.00	38.52 -0.27 0.00	35.57 -0.25 0.00	36.30 -0.25 0.00	37.83 -0.26 0.00	38.23 -0.27 0.00	37.80 -0.26 0.00	40.85 -0.33 0.00	41.87 -0.34 0.00	47.61 -0.39 0.00	55.26 -0.67 0.00	62.51 -0.57 0.00	65.50 -0.60 0.00	62.42 -0.57 0.00	52.04 -0.36 0.00	46.34 -0.28 0.00	38.12 -0.23 0.00
STATE_CA_115KV_115_LB 55624	36.13 1.02 0.00	32.91 0.90 0.00	31.54 0.89 0.00	30.80 0.84 0.00	31.07 0.82 0.00	34.70 0.88 0.00	39.60 0.93 0.00	45.44 1.11 0.00	39.53 0.74 0.00	36.54 0.72 0.00	37.32 0.77 0.00	38.93 0.84 0.00	39.27 0.77 0.00	39.06 0.99 0.00	42.25 1.07 0.00	43.22 1.01 0.00	49.05 1.06 0.00	57.27 1.34 0.00	64.53 1.45 0.00	67.81 1.72 0.00	64.75 1.76 0.00	53.92 1.52 0.00	47.97 1.35 0.00	39.66 1.30 0.00
STATE_ST_34_KV_LOAD 55959	35.20 -0.21 -0.30	32.41 -0.26 -0.66	30.79 -0.31 -0.44	30.01 -0.24 -0.29	30.46 -0.18 -0.39	35.06 -0.14 -1.38	41.08 -0.15 -2.56	46.73 -0.22 -2.62	40.22 -0.08 -1.51	36.38 -0.18 -0.74	37.38 -0.22 -1.04	39.59 -0.27 -1.76	40.20 -0.23 -1.93	39.09 -0.46 -1.47	42.88 -0.45 -2.16	43.57 -0.46 -1.83	49.91 -0.53 -2.45	58.46 -0.28 -2.81	65.70 0.13 -2.50	68.28 0.40 -1.79	64.55 0.31 -1.24	53.07 0.05 -0.61	46.56 -0.28 -0.22	37.99 -0.46 -0.10
STATION 5_MISC_HYD 23604	32.58 -2.28 0.25	29.24 -2.21 0.56	28.10 -2.18 0.38	27.71 -2.01 0.25	27.98 -1.94 0.33	30.62 -2.03 1.17	34.26 -2.24 2.17	39.89 -2.22 2.23	35.92 -1.59 1.28	33.69 -1.50 0.63	34.06 -1.61 0.88	34.78 -1.83 1.49	34.94 -1.92 1.64	34.74 -2.06 1.27	36.23 -2.26 2.69	37.29 -2.36 2.55	41.26 -2.73 4.00	47.62 -2.97 5.34	54.30 -2.84 5.94	58.09 -2.91 5.10	55.43 -2.96 4.60	47.04 -2.46 2.90	41.72 -2.98 1.91	35.51 -2.76 0.08
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	33.05 -1.86 0.20	29.71 -1.86 0.45	28.54 -1.81 0.30	28.12 -1.65 0.20	28.38 -1.60 0.27	31.23 -1.66 0.93	35.09 -1.86 1.73	40.65 -1.91 1.77	36.45 -1.32 1.02	34.06 -1.25 0.50	34.50 -1.35 0.70	35.35 -1.56 1.19	35.70 -1.50 1.30	35.31 -1.75 1.01	37.08 -1.94 2.16	38.16 -1.98 2.06	42.45 -2.30 3.24	49.12 -2.46 4.35	55.88 -2.33 4.86	59.60 -2.31 4.18	56.81 -2.39 3.78	47.76 -2.25 2.39	42.61 -2.42 1.58	36.02 -2.26 0.06
STA_56_34_KV_BUS2_REV_LBMP_B 345033	32.51 -2.35 0.26	29.17 -2.27 0.57	28.06 -2.21 0.38	27.67 -2.04 0.25	27.91 -2.00 0.34	30.53 -2.10 1.19	34.14 -2.32 2.21	39.67 -2.39 2.26	35.78 -1.71 1.30	33.57 -1.61 0.64	33.93 -1.72 0.90	34.64 -1.94 1.52	34.95 -1.89 1.67	34.68 -2.09 1.29	36.11 -2.35 2.72	37.22 -2.41 2.58	41.12 -2.83 4.04	47.46 -3.08 5.39	54.06 -3.03 5.99	57.85 -3.11 5.14	55.21 -3.15 4.63	46.55 -2.93 2.92	41.62 -3.08 1.92	35.47 -2.80 0.08
STA_56____34_KV_BUS2 355983	32.51 -2.35 0.26	29.17 -2.27 0.57	28.06 -2.21 0.38	27.67 -2.04 0.25	27.91 -2.00 0.34	30.53 -2.10 1.19	34.14 -2.32 2.21	39.67 -2.39 2.26	35.78 -1.71 1.30	33.57 -1.61 0.64	33.93 -1.72 0.90	34.64 -1.94 1.52	34.95 -1.89 1.67	34.68 -2.09 1.29	36.11 -2.35 2.72	37.22 -2.41 2.58	41.12 -2.83 4.04	47.46 -3.08 5.39	54.06 -3.03 5.99	57.85 -3.11 5.14	55.21 -3.15 4.63	46.55 -2.93 2.92	41.62 -3.08 1.92	35.47 -2.80 0.08
STA_67____115KV_BK2 355882	32.51 -2.35 0.25	29.17 -2.27 0.56	28.06 -2.21 0.38	27.67 -2.04 0.25	27.92 -2.00 0.34	30.54 -2.10 1.18	34.17 -2.32 2.18	39.74 -2.35 2.24	35.83 -1.67 1.29	33.61 -1.58 0.63	33.98 -1.68 0.89	34.65 -1.94 1.50	34.97 -1.89 1.65	34.70 -2.09 1.28	36.13 -2.35 2.70	37.24 -2.41 2.56	41.15 -2.83 4.01	47.44 -3.13 5.36	54.10 -3.03 5.95	57.95 -3.04 5.11	55.30 -3.09 4.60	46.56 -2.93 2.90	41.63 -3.08 1.92	35.43 -2.84 0.08
STA_7____115KV_9TRANS 80674	32.72 -2.14 0.25	29.33 -2.11 0.57	28.22 -2.05 0.38	27.85 -1.86 0.25	28.10 -1.82 0.34	30.74 -1.89 1.18	34.39 -2.09 2.19	40.04 -2.04 2.25	36.14 -1.36 1.29	33.89 -1.29 0.64	34.23 -1.43 0.89	34.95 -1.64 1.51	35.27 -1.58 1.66	35.00 -1.79 1.28	36.41 -2.06 2.71	37.57 -2.07 2.57	41.52 -2.45 4.02	47.93 -2.63 5.37	54.71 -2.40 5.97	58.60 -2.38 5.12	55.86 -2.52 4.61	47.03 -2.46 2.91	42.00 -2.70 1.92	35.70 -2.57 0.08
STA_82____115KV_TB1 80780	32.52 -2.35 0.24	29.17 -2.30 0.53	28.05 -2.24 0.36	27.66 -2.07 0.24	27.90 -2.03 0.32	30.61 -2.10 1.11	34.24 -2.36 2.07	39.81 -2.39 2.12	35.86 -1.71 1.22	33.61 -1.61 0.60	33.99 -1.72 0.84	34.70 -1.98 1.42	35.01 -1.93 1.56	34.73 -2.13 1.21	36.19 -2.39 2.60	37.29 -2.45 2.48	41.23 -2.88 3.89	47.53 -3.19 5.21	54.17 -3.09 5.81	57.98 -3.11 5.00	55.31 -3.15 4.52	46.55 -2.99 2.86	41.60 -3.12 1.90	35.40 -2.88 0.08
STEEL____WIND 323596	30.57 -3.09 1.45	25.86 -2.91 3.24	25.65 -2.82 2.18	25.86 -2.67 1.43	25.65 -2.66 1.93	24.29 -2.77 6.75	22.99 -3.13 12.55	28.27 -3.19 12.87	29.14 -2.25 7.40	30.03 -2.15 3.64	29.17 -2.27 5.11	27.01 -2.48 8.61	26.41 -2.62 9.47	28.30 -2.74 7.03	27.21 -2.92 11.05	29.50 -3.12 9.58	31.01 -3.65 13.33	36.19 -3.86 15.88	45.76 -4.10 13.22	50.23 -4.23 11.64	50.28 -4.41 8.29	43.44 -3.93 5.03	39.66 -4.38 2.57	33.93 -3.95 0.47
STEPHTWN_115KV_BK_2 55603	36.27 1.16 0.00	33.04 1.02 0.00	31.63 0.98 0.00	30.89 0.93 0.00	31.16 0.91 0.00	34.83 1.01 0.00	39.75 1.08 0.00	45.57 1.24 0.00	39.64 0.85 0.00	36.64 0.82 0.00	37.43 0.88 0.00	39.01 0.91 0.00	39.35 0.85 0.00	39.17 1.10 0.00	42.33 1.15 0.00	43.35 1.14 0.00	49.24 1.25 0.00	57.49 1.57 0.00	64.91 1.83 0.00	68.21 2.12 0.00	65.13 2.14 0.00	54.18 1.78 0.00	48.20 1.59 0.00	39.81 1.46 0.00
STEBEN_REC_LFGE 323667	37.65 -0.98 -3.52	38.83 -1.06 -7.87	34.85 -1.10 -5.30	32.51 -0.93 -3.48	34.16 -0.79 -4.70	49.60 -0.64 -16.43	68.59 -0.62 -30.53	74.88 -0.75 -31.31	56.16 -0.62 -17.99	43.85 -0.82 -8.86	48.00 -0.99 -12.44	57.86 -1.18 -20.95	60.50 -1.04 -23.04	54.34 -1.37 -17.64	65.21 -1.44 -25.47	62.07 -1.60 -21.47	74.81 -1.68 -28.49	87.11 -1.23 -32.41	91.15 -0.50 -28.58	86.13 0.07 -19.97	76.38 -0.13 -13.52	57.94 -0.84 -6.38	46.88 -1.63 -1.89	37.66 -1.84 -1.15
STILLWATER____SOLAR 323814	37.08 1.97 0.00	33.77 1.76 0.00	32.34 1.68 0.00	31.58 1.62 0.00	31.88 1.63 0.00	35.64 1.82 0.00	40.64 1.97 0.00	46.54 2.22 0.00	40.38 1.59 0.00	37.25 1.43 0.00	38.02 1.46 0.00	39.51 1.41 0.00	39.96 1.46 0.00	39.63 1.56 0.00	42.78 1.60 0.00	43.94 1.73 0.00	50.05 2.06 0.00	58.72 2.80 0.00	66.42 3.34 0.00	70.06 3.97 0.00	66.89 3.91 0.00	55.70 3.30 0.00	49.56 2.94 0.00	40.77 2.42 0.00

STONY___BROOK 24151	38.14 3.02 -0.01	34.25 2.24 0.00	32.95 2.30 0.00	32.09 2.13 0.00	32.40 2.15 0.00	36.35 2.54 0.00	41.46 2.79 0.00	47.52 3.19 0.00	41.78 2.99 0.00	39.19 3.37 0.00	41.32 3.25 -1.52	41.45 3.35 0.00	41.81 3.31 0.00	41.92 3.84 -0.01	45.34 4.16 0.00	49.87 4.52 -3.14	53.08 5.08 0.00	61.29 5.37 0.00	67.49 4.41 0.00	70.45 4.36 0.00	66.64 3.65 0.00	55.39 2.99 0.00	50.58 3.96 0.00	42.00 3.65 0.00
STURGEON_POOL_HYD 23609	37.33 2.21 0.00	33.84 1.82 0.00	32.52 1.87 0.00	31.67 1.71 0.00	31.91 1.66 0.00	35.54 1.72 0.00	40.84 2.17 0.00	46.90 2.57 0.00	41.12 2.33 0.00	37.93 2.11 0.00	38.78 2.23 0.00	40.53 2.44 0.00	40.96 2.46 0.00	41.04 2.97 0.00	44.60 3.42 0.00	45.92 3.71 0.00	52.41 4.42 0.00	60.96 5.03 0.00	68.31 5.24 0.00	71.38 5.29 0.00	67.96 4.98 0.00	56.17 3.77 0.00	50.16 3.54 0.00	41.19 2.84 0.00
ST_LAW_115_BK7_LBMP 345037	34.66 -0.46 0.00	31.72 -0.29 0.00	30.37 -0.28 0.00	29.69 -0.27 0.00	29.98 -0.27 0.00	33.58 -0.24 0.00	38.36 -0.31 0.00	43.97 -0.36 0.00	38.48 -0.31 0.00	35.53 -0.29 0.00	36.26 -0.29 0.00	37.79 -0.31 0.00	38.23 -0.27 0.00	37.76 -0.31 0.00	40.81 -0.37 0.00	41.83 -0.38 0.00	47.56 -0.43 0.00	55.14 -0.78 0.00	62.38 -0.69 0.00	65.37 -0.73 0.00	62.36 -0.63 0.00	51.98 -0.42 0.00	46.34 -0.28 0.00	38.09 -0.27 0.00
ST_LAW_115_BK8_LBMP 345038	34.66 -0.46 0.00	31.72 -0.29 0.00	30.37 -0.28 0.00	29.69 -0.27 0.00	29.98 -0.27 0.00	33.58 -0.24 0.00	38.36 -0.31 0.00	43.97 -0.36 0.00	38.48 -0.31 0.00	35.53 -0.29 0.00	36.26 -0.29 0.00	37.79 -0.31 0.00	38.23 -0.27 0.00	37.76 -0.31 0.00	40.81 -0.37 0.00	41.83 -0.38 0.00	47.56 -0.43 0.00	55.14 -0.78 0.00	62.38 -0.69 0.00	65.37 -0.73 0.00	62.36 -0.63 0.00	51.98 -0.42 0.00	46.34 -0.28 0.00	38.09 -0.27 0.00
ST_LAW_230_BK5_LBMP 345035	34.70 -0.42 0.00	31.75 -0.26 0.00	30.37 -0.28 0.00	29.72 -0.24 0.00	30.01 -0.24 0.00	33.58 -0.24 0.00	38.40 -0.27 0.00	44.02 -0.31 0.00	38.52 -0.27 0.00	35.57 -0.25 0.00	36.30 -0.25 0.00	37.83 -0.26 0.00	38.23 -0.27 0.00	37.80 -0.26 0.00	40.85 -0.33 0.00	41.87 -0.34 0.00	47.61 -0.39 0.00	55.26 -0.67 0.00	62.51 -0.57 0.00	65.50 -0.60 0.00	62.42 -0.57 0.00	52.04 -0.36 0.00	46.34 -0.28 0.00	38.12 -0.23 0.00
ST_LAW_230_BK6_LBMP 345036	34.70 -0.42 0.00	31.75 -0.26 0.00	30.37 -0.28 0.00	29.72 -0.24 0.00	30.01 -0.24 0.00	33.58 -0.24 0.00	38.40 -0.27 0.00	44.02 -0.31 0.00	38.52 -0.27 0.00	35.57 -0.25 0.00	36.30 -0.25 0.00	37.83 -0.26 0.00	38.23 -0.27 0.00	37.80 -0.26 0.00	40.85 -0.33 0.00	41.87 -0.34 0.00	47.61 -0.39 0.00	55.26 -0.67 0.00	62.51 -0.57 0.00	65.50 -0.60 0.00	62.42 -0.57 0.00	52.04 -0.36 0.00	46.34 -0.28 0.00	38.12 -0.23 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	36.45 1.33 0.00	33.10 1.09 0.00	31.78 1.13 0.00	31.01 1.05 0.00	31.25 1.00 0.00	34.80 0.98 0.00	39.95 1.28 0.00	45.92 1.60 0.00	40.26 1.47 0.00	37.22 1.40 0.00	38.05 1.50 0.00	39.81 1.71 0.00	40.23 1.73 0.00	40.12 2.06 0.00	43.53 2.35 0.00	44.78 2.57 0.00	51.06 3.07 0.00	59.28 3.36 0.00	66.23 3.15 0.00	69.20 3.11 0.00	65.82 2.83 0.00	54.65 2.25 0.00	48.76 2.14 0.00	40.15 1.80 0.00
SWANROAD_115KV_TB1 355699	30.00 -4.04 1.08	25.88 -3.75 2.39	25.42 -3.62 1.61	25.48 -3.42 1.06	25.43 -3.39 1.43	25.27 -3.58 4.97	25.35 -4.10 9.22	30.62 -4.26 9.45	30.25 -3.10 5.44	30.16 -2.97 2.68	29.68 -3.11 3.76	28.34 -3.43 6.33	28.11 -3.43 6.96	28.97 -3.73 5.37	28.42 -4.08 8.68	30.22 -4.43 7.56	32.01 -5.33 10.65	36.89 -6.10 12.94	43.40 -6.75 12.92	49.19 -7.07 9.83	47.91 -7.05 8.02	41.50 -6.45 4.45	37.69 -6.53 2.41	32.62 -5.37 0.36
SYNERGY___BIOGAS 323694	31.62 -2.70 0.79	27.64 -2.62 1.75	26.90 -2.57 1.18	26.85 -2.34 0.78	26.93 -2.27 1.05	27.84 -2.33 3.64	29.31 -2.59 6.77	34.86 -2.53 6.94	33.09 -1.71 3.99	32.17 -1.68 1.97	31.93 -1.86 2.76	31.28 -2.17 4.64	31.24 -2.16 5.11	31.76 -2.40 3.91	31.94 -2.72 6.52	33.60 -2.83 5.78	36.30 -3.41 8.28	42.02 -3.69 10.21	49.36 -3.53 10.19	54.47 -3.50 8.13	52.73 -3.59 6.67	45.00 -3.51 3.89	40.48 -3.92 2.22	34.60 -3.49 0.26
SYRACUSE___ENERGY_ST1 323597	34.80 -0.32 0.00	31.66 -0.35 0.00	30.28 -0.37 0.00	29.63 -0.33 0.00	29.98 -0.27 0.00	33.55 -0.27 0.00	38.36 -0.31 0.00	43.93 -0.40 0.00	38.52 -0.27 0.00	35.53 -0.29 0.00	36.22 -0.33 0.00	37.72 -0.38 0.00	38.15 -0.35 0.00	37.50 -0.57 0.00	40.56 -0.62 0.00	41.58 -0.63 0.00	47.27 -0.72 0.00	55.31 -0.62 0.00	62.57 -0.50 0.00	65.70 -0.40 0.00	62.61 -0.38 0.00	51.98 -0.42 0.00	46.01 -0.61 0.00	37.74 -0.61 0.00
SYRACUSE___ENERGY_ST2 323598	34.80 -0.32 0.00	31.66 -0.35 0.00	30.28 -0.37 0.00	29.63 -0.33 0.00	29.98 -0.27 0.00	33.55 -0.27 0.00	38.36 -0.31 0.00	43.93 -0.40 0.00	38.52 -0.27 0.00	35.53 -0.29 0.00	36.22 -0.33 0.00	37.72 -0.38 0.00	38.15 -0.35 0.00	37.50 -0.57 0.00	40.56 -0.62 0.00	41.58 -0.63 0.00	47.27 -0.72 0.00	55.31 -0.62 0.00	62.57 -0.50 0.00	65.70 -0.40 0.00	62.61 -0.38 0.00	51.98 -0.42 0.00	46.01 -0.61 0.00	37.74 -0.61 0.00
SYRACUSE___POWER 24017	34.76 -0.35 0.00	31.63 -0.38 0.00	30.22 -0.43 0.00	29.60 -0.36 0.00	29.92 -0.33 0.00	33.51 -0.30 0.00	38.32 -0.35 0.00	43.89 -0.44 0.00	38.48 -0.31 0.00	35.53 -0.29 0.00	36.22 -0.33 0.00	37.72 -0.38 0.00	38.15 -0.35 0.00	37.50 -0.57 0.00	40.38 -0.58 0.22	41.35 -0.59 0.27	46.76 -0.72 0.51	54.52 -0.62 0.79	61.56 -0.50 1.02	64.73 -0.40 0.96	61.66 -0.38 0.95	51.29 -0.47 0.64	45.54 -0.61 0.47	37.74 -0.61 0.00
TALLMAN__138KV_BK151 55660	36.62 1.51 0.00	33.23 1.22 0.00	31.91 1.26 0.00	31.13 1.17 0.00	31.40 1.15 0.00	34.93 1.12 0.00	40.14 1.47 0.00	46.19 1.86 0.00	40.54 1.75 0.00	37.47 1.65 0.00	38.31 1.75 0.00	40.08 1.98 0.00	40.50 2.00 0.00	40.43 2.36 0.00	43.86 2.68 0.00	45.16 2.95 0.00	51.54 3.55 0.00	59.79 3.86 0.00	66.67 3.60 0.00	69.60 3.50 0.00	66.14 3.15 0.00	54.97 2.57 0.00	49.04 2.42 0.00	40.38 2.03 0.00
TEALLAVE_115KV_TB7 355573	34.62 -0.49 0.00	31.50 -0.51 0.00	30.10 -0.55 0.00	29.48 -0.48 0.00	29.80 -0.45 0.00	33.34 -0.47 0.00	38.17 -0.50 0.00	43.71 -0.62 0.00	38.36 -0.43 0.00	35.39 -0.43 0.00	36.11 -0.44 0.00	37.60 -0.50 0.00	38.00 -0.50 0.00	37.35 -0.72 0.00	40.09 -0.78 0.31	41.08 -0.76 0.37	46.38 -0.91 0.70	53.95 -0.89 1.09	60.86 -0.82 1.40	64.04 -0.73 1.32	60.93 -0.76 1.31	50.78 -0.73 0.88	45.14 -0.84 0.64	37.55 -0.81 0.00
TELGRAPH_34_KV_EAST 80808	30.90 -3.30 0.92	26.83 -3.14 2.04	26.24 -3.03 1.38	26.24 -2.82 0.91	26.25 -2.78 1.22	26.66 -2.91 4.25	27.49 -3.29 7.89	32.92 -3.32 8.09	31.77 -2.37 4.65	31.27 -2.26 2.29	30.92 -2.41 3.22	29.94 -2.74 5.41	29.81 -2.73 5.95	30.50 -3.01 4.56	30.42 -3.29 7.46	32.13 -3.50 6.57	34.43 -4.22 9.34	39.82 -4.70 11.41	46.95 -4.92 11.21	52.13 -5.09 8.88	50.72 -5.10 7.17	43.44 -4.82 4.14	39.28 -5.03 2.30	33.75 -4.30 0.30

TEMPLE___115KV_TB 2 55572	34.62 -0.49 0.00	31.50 -0.51 0.00	30.13 -0.52 0.00	29.48 -0.48 0.00	29.80 -0.45 0.00	33.38 -0.44 0.00	38.17 -0.50 0.00	43.71 -0.62 0.00	38.36 -0.43 0.00	35.43 -0.39 0.00	36.15 -0.40 0.00	37.60 -0.50 0.00	38.04 -0.46 0.00	37.38 -0.69 0.00	40.13 -0.74 0.31	41.08 -0.76 0.37	46.36 -0.91 0.72	53.98 -0.84 1.11	60.90 -0.76 1.42	64.02 -0.73 1.35	60.97 -0.69 1.33	50.77 -0.73 0.90	45.12 -0.84 0.65	37.55 -0.81 0.00
TIANA___69_KV_BK 1 55817	38.35 3.23 0.00	34.44 2.43 0.00	33.19 2.54 0.00	32.36 2.40 0.00	32.73 2.48 0.00	36.76 2.94 0.00	41.84 3.17 0.00	48.45 4.12 0.00	42.28 3.49 0.00	39.72 3.90 0.00	41.76 3.69 -1.52	41.87 3.77 0.00	41.93 3.43 0.00	42.07 4.00 0.00	45.50 4.32 0.00	50.12 4.77 -3.14	53.51 5.52 0.00	61.74 5.82 0.01	68.37 5.30 0.00	70.92 4.82 0.00	66.89 3.91 0.00	55.76 3.35 0.00	50.95 4.34 0.00	42.26 3.91 0.00
TILDEN___115KV_TB1 80814	34.76 -0.35 0.00	31.63 -0.38 0.00	30.22 -0.43 0.00	29.60 -0.36 0.00	29.92 -0.33 0.00	33.51 -0.30 0.00	38.32 -0.35 0.00	43.89 -0.44 0.00	38.48 -0.31 0.00	35.53 -0.29 0.00	36.22 -0.33 0.00	37.72 -0.38 0.00	38.15 -0.35 0.00	37.50 -0.57 0.00	40.38 -0.58 0.22	41.35 -0.59 0.27	46.76 -0.72 0.51	54.52 -0.62 0.79	61.56 -0.50 1.02	64.73 -0.40 0.96	61.66 -0.38 0.95	51.29 -0.47 0.64	45.54 -0.61 0.47	37.74 -0.61 0.00
TRIGEN___CC 323695	37.40 2.28 0.00	33.71 1.70 0.00	32.37 1.72 0.00	31.55 1.59 0.00	31.82 1.57 0.00	35.61 1.79 0.00	40.72 2.05 0.00	46.99 2.66 0.00	41.08 2.29 0.00	38.33 2.51 0.00	40.59 2.52 -1.52	40.84 2.74 0.00	41.16 2.66 0.00	41.27 3.20 0.00	44.76 3.58 0.00	49.19 3.84 -3.14	52.41 4.42 0.00	60.87 4.92 -0.02	67.38 4.29 -0.01	70.27 4.16 -0.01	66.39 3.40 0.00	55.23 2.83 0.00	49.93 3.31 0.00	41.27 2.91 0.00
TRINITY___115KV___ 4 BK 55933	35.99 0.88 0.00	32.81 0.80 0.00	31.42 0.77 0.00	30.71 0.75 0.00	30.98 0.73 0.00	34.59 0.78 0.00	39.48 0.81 0.00	45.26 0.93 0.00	39.37 0.58 0.00	36.39 0.57 0.00	37.21 0.66 0.00	38.78 0.69 0.00	39.12 0.62 0.00	38.94 0.88 0.00	42.09 0.91 0.00	43.10 0.89 0.00	48.86 0.86 0.00	56.99 1.06 0.00	64.28 1.20 0.00	67.42 1.32 0.00	64.37 1.39 0.00	53.66 1.26 0.00	47.74 1.12 0.00	39.46 1.11 0.00
UNION___PROCESSING_DRP 323587	32.51 -2.35 0.25	29.15 -2.30 0.55	28.04 -2.24 0.37	27.65 -2.07 0.25	27.92 -2.00 0.33	30.56 -2.10 1.16	34.16 -2.36 2.15	39.73 -2.39 2.20	35.82 -1.71 1.27	33.58 -1.61 0.62	33.96 -1.72 0.87	34.68 -1.94 1.47	34.95 -1.93 1.62	34.68 -2.13 1.26	36.13 -2.39 2.66	37.23 -2.45 2.53	41.16 -2.88 3.96	47.51 -3.13 5.28	54.11 -3.09 5.87	57.94 -3.11 5.05	55.29 -3.15 4.55	46.54 -2.99 2.87	41.60 -3.12 1.90	35.43 -2.84 0.08
UPPER HUDSON___HYD 24058	37.68 2.56 0.00	34.32 2.31 0.00	32.83 2.18 0.00	32.06 2.10 0.00	32.40 2.15 0.00	36.25 2.44 0.00	41.30 2.63 0.00	47.39 3.06 0.00	41.04 2.25 0.00	37.86 2.04 0.00	38.64 2.08 0.00	39.85 1.75 0.00	40.27 1.77 0.00	39.86 1.79 0.00	42.91 1.73 0.00	44.45 2.24 0.00	50.68 2.69 0.00	59.96 4.03 0.00	68.00 4.92 0.00	72.17 6.08 0.00	68.85 5.86 0.00	57.22 4.82 0.00	50.77 4.15 0.00	41.73 3.38 0.00
UPPER RAQUET___HYD 24056	34.62 -0.49 0.00	31.69 -0.32 0.00	30.31 -0.34 0.00	29.60 -0.36 0.00	29.86 -0.39 0.00	33.51 -0.30 0.00	38.25 -0.42 0.00	43.89 -0.44 0.00	38.33 -0.46 0.00	35.32 -0.50 0.00	35.97 -0.59 0.00	37.48 -0.61 0.00	37.69 -0.81 0.00	37.12 -0.95 0.00	39.95 -1.23 0.00	40.94 -1.27 0.00	46.60 -1.39 0.00	54.08 -1.84 0.00	61.50 -1.57 0.00	64.51 -1.59 0.00	61.48 -1.51 0.00	51.25 -1.15 0.00	45.92 -0.70 0.00	37.82 -0.54 0.00
VALLEY44___115KV_TB2 355964	31.97 -1.93 1.21	27.45 -1.86 2.71	27.02 -1.81 1.82	27.09 -1.68 1.20	27.00 -1.63 1.62	26.51 -1.66 5.65	26.40 -1.78 10.49	31.85 -1.73 10.75	31.56 -1.05 6.18	31.74 -1.04 3.04	31.18 -1.10 4.27	29.72 -1.18 7.20	29.39 -1.19 7.92	30.81 -1.37 5.89	30.55 -1.32 9.31	32.66 -1.44 8.11	34.94 -1.73 11.33	40.75 -1.62 13.56	50.13 -1.70 11.24	54.26 -1.78 10.05	53.75 -2.08 7.16	45.73 -2.25 4.41	41.61 -2.70 2.30	35.42 -2.53 0.40
VALLEY___115KV_TB 1-4 80826	35.50 0.39 0.00	32.30 0.29 0.00	30.90 0.25 0.00	30.17 0.21 0.00	30.40 0.15 0.00	34.02 0.20 0.00	38.90 0.23 0.00	44.64 0.31 0.00	39.02 0.23 0.00	36.07 0.25 0.00	36.77 0.22 0.00	38.36 0.27 0.00	38.73 0.23 0.00	38.30 0.23 0.00	41.43 0.25 0.00	42.46 0.25 0.00	48.28 0.29 0.00	56.32 0.39 0.00	63.58 0.50 0.00	66.56 0.46 0.00	63.43 0.44 0.00	52.72 0.31 0.00	46.94 0.33 0.00	38.51 0.15 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	38.11 2.77 -0.22	34.93 2.43 -0.49	33.28 2.30 -0.33	32.51 2.34 -0.22	32.81 2.27 -0.29	37.58 2.74 -1.02	43.31 2.75 -1.90	50.00 3.72 -1.95	42.78 2.87 -1.12	38.91 2.54 -0.55	39.41 2.08 -0.77	41.72 2.32 -1.30	41.93 2.00 -1.43	41.01 1.83 -1.11	44.56 1.89 -1.49	45.40 1.98 -1.21	51.72 2.21 -1.52	61.41 3.86 -1.62	69.62 5.24 -1.30	72.39 5.55 -0.74	68.52 5.17 -0.36	56.60 4.14 -0.06	49.98 3.50 0.13	41.03 2.61 -0.07
VISCHER___FERRY HYD 24020	36.62 1.51 0.00	33.36 1.34 0.00	31.94 1.29 0.00	31.22 1.26 0.00	31.49 1.24 0.00	35.20 1.39 0.00	40.18 1.51 0.00	46.01 1.68 0.00	39.99 1.20 0.00	36.93 1.11 0.00	37.72 1.17 0.00	39.28 1.18 0.00	39.77 1.27 0.00	39.48 1.41 0.00	42.62 1.44 0.00	43.73 1.52 0.00	49.67 1.68 0.00	58.05 2.12 0.00	65.47 2.40 0.00	68.74 2.65 0.00	65.57 2.58 0.00	54.60 2.20 0.00	48.72 2.10 0.00	40.08 1.73 0.00
V_A_10_SYNC_DSASP 323832	30.66 -3.69 0.77	26.84 -3.46 1.71	26.16 -3.34 1.15	26.06 -3.15 0.76	26.11 -3.12 1.02	26.89 -3.35 3.58	28.27 -3.75 6.65	33.52 -3.99 6.82	31.89 -2.99 3.92	31.06 -2.83 1.93	30.89 -2.96 2.71	30.34 -3.20 4.56	30.25 -3.23 5.02	30.73 -3.46 3.87	30.94 -3.75 6.49	32.42 -4.01 5.78	34.93 -4.75 8.31	40.32 -5.31 10.30	46.73 -5.74 10.61	51.83 -6.01 8.25	50.12 -5.98 6.88	43.13 -5.29 3.97	39.15 -5.17 2.29	33.54 -4.56 0.25
V_CMM_10_SYNC_DSASP 323787	34.80 -0.32 0.00	31.88 -0.13 0.00	30.50 -0.15 0.00	29.81 -0.15 0.00	30.10 -0.15 0.00	33.72 -0.10 0.00	38.55 -0.12 0.00	44.20 -0.13 0.00	38.67 -0.12 0.00	35.71 -0.11 0.00	36.41 -0.15 0.00	37.98 -0.11 0.00	38.38 -0.12 0.00	37.92 -0.15 0.00	41.02 -0.16 0.00	42.00 -0.21 0.00	47.75 -0.24 0.00	55.14 -0.78 0.00	62.45 -0.63 0.00	65.37 -0.73 0.00	62.36 -0.63 0.00	52.14 -0.26 0.00	46.53 -0.09 0.00	38.28 -0.08 0.00
V_CMP_10_SYNC_DSASP 323788	34.80 -0.32 0.00	32.08 0.06 0.00	30.68 0.03 0.00	30.05 0.09 0.00	30.34 0.09 0.00	34.02 0.20 0.00	38.94 0.27 0.00	44.64 0.31 0.00	39.10 0.31 0.00	36.14 0.32 0.00	36.85 0.29 0.00	38.40 0.30 0.00	38.85 0.35 0.00	38.37 0.30 0.00	41.51 0.33 0.00	42.50 0.30 0.00	48.42 0.43 0.00	56.21 0.28 0.00	63.71 0.63 0.00	66.69 0.59 0.00	63.55 0.57 0.00	52.82 0.42 0.00	47.08 0.47 0.00	38.66 0.31 0.00

V_D_10_SYNC_DSASP 323841	34.90 -0.21 0.00	31.95 -0.06 0.00	30.56 -0.09 0.00	29.87 -0.09 0.00	30.19 -0.06 0.00	33.82 0.00 0.00	38.63 -0.04 0.00	44.28 -0.04 0.00	38.75 -0.04 0.00	35.75 -0.07 0.00	36.44 -0.11 0.00	38.02 -0.08 0.00	38.42 -0.08 0.00	37.92 -0.15 0.00	41.02 -0.16 0.00	41.96 -0.25 0.00	47.75 -0.24 0.00	55.37 -0.56 0.00	62.76 -0.32 0.00	65.76 -0.33 0.00	62.67 -0.31 0.00	52.24 -0.16 0.00	46.62 0.00 0.00	38.35 0.00 0.00
V_E_10_SYNC_DSASP 323830	37.43 1.97 -0.35	34.45 1.66 -0.78	32.68 1.50 -0.52	31.83 1.53 -0.34	32.17 1.45 -0.46	37.33 1.89 -1.62	43.46 1.78 -3.01	49.81 2.39 -3.09	42.27 1.71 -1.77	38.05 1.36 -0.87	38.69 0.91 -1.23	41.23 1.07 -2.07	41.58 0.81 -2.27	40.43 0.61 -1.75	44.25 0.66 -2.41	44.96 0.76 -1.99	51.60 1.06 -2.56	61.24 2.52 -2.80	69.33 3.91 -2.34	71.86 4.30 -1.47	67.81 3.97 -0.85	55.73 3.04 -0.29	48.88 2.33 0.07	39.96 1.50 -0.11
V_F_30_NSYNC___DSASP 323816	37.08 1.97 0.00	33.77 1.76 0.00	32.34 1.69 0.00	31.58 1.62 0.00	31.88 1.63 0.00	35.64 1.83 0.00	40.64 1.97 0.00	46.59 2.26 0.00	40.42 1.63 0.00	37.29 1.47 0.00	38.09 1.54 0.00	39.58 1.49 0.00	39.92 1.42 0.00	39.67 1.60 0.00	42.83 1.65 0.00	43.64 1.44 0.00	49.72 1.73 0.00	58.33 2.40 0.00	65.98 2.90 0.00	69.60 3.50 0.00	66.52 3.53 0.00	55.39 2.99 0.00	49.23 2.61 0.00	40.77 2.42 0.00
V_F_30_SYNC_DSASP 323786	36.13 1.02 0.00	32.91 0.90 0.00	31.54 0.89 0.00	30.80 0.84 0.00	31.07 0.82 0.00	34.70 0.88 0.00	39.60 0.93 0.00	45.39 1.06 0.00	39.53 0.74 0.00	36.54 0.72 0.00	37.32 0.77 0.00	38.93 0.84 0.00	39.27 0.77 0.00	39.06 0.99 0.00	42.21 1.03 0.00	43.22 1.01 0.00	49.05 1.06 0.00	57.27 1.34 0.00	64.53 1.45 0.00	67.81 1.72 0.00	64.69 1.70 0.00	53.92 1.52 0.00	47.97 1.35 0.00	39.66 1.30 0.00
V_XM_10_SYNC_DSASP 323789	34.80 -0.32 0.00	32.08 0.06 0.00	30.68 0.03 0.00	30.05 0.09 0.00	30.34 0.09 0.00	34.02 0.20 0.00	38.94 0.27 0.00	44.64 0.31 0.00	39.10 0.31 0.00	36.14 0.32 0.00	36.85 0.29 0.00	38.40 0.30 0.00	38.85 0.35 0.00	38.37 0.30 0.00	41.51 0.33 0.00	42.50 0.30 0.00	48.42 0.43 0.00	56.21 0.28 0.00	63.71 0.63 0.00	66.69 0.59 0.00	63.55 0.57 0.00	52.82 0.42 0.00	47.08 0.47 0.00	38.66 0.31 0.00
W.BABYLN_69_KV_BK1 56697	38.21 3.09 0.00	34.28 2.27 0.00	32.95 2.30 0.00	32.09 2.13 0.00	32.40 2.15 0.00	36.35 2.54 0.00	41.49 2.82 0.00	47.92 3.59 0.00	41.85 3.06 0.00	39.15 3.33 -1.52	41.39 3.33 0.00	41.60 3.50 0.00	41.77 3.27 0.00	42.03 3.96 0.00	45.55 4.37 0.00	50.03 4.69 -3.14	53.32 5.33 0.00	61.74 5.82 0.00	68.38 5.30 0.00	71.18 5.09 0.00	67.15 4.16 0.00	55.96 3.56 0.00	50.91 4.29 0.00	42.11 3.76 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	36.73 1.62 0.00	33.32 1.31 0.00	32.00 1.35 0.00	31.22 1.26 0.00	31.46 1.21 0.00	35.03 1.22 0.00	40.26 1.59 0.00	46.32 1.99 0.00	40.61 1.82 0.00	37.57 1.76 0.00	38.42 1.86 0.00	40.15 2.06 0.00	40.58 2.08 0.00	40.51 2.44 0.00	43.94 2.76 0.00	45.25 3.04 0.00	51.64 3.65 0.00	59.90 3.97 0.00	66.86 3.78 0.00	69.80 3.70 0.00	66.39 3.40 0.00	55.13 2.72 0.00	49.18 2.56 0.00	40.50 2.15 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	36.91 1.79 0.00	33.48 1.47 0.00	32.18 1.53 0.00	31.37 1.41 0.00	31.64 1.39 0.00	35.17 1.35 0.00	40.49 1.82 0.00	46.68 2.35 0.00	41.04 2.25 0.00	37.97 2.15 0.00	38.82 2.27 0.00	40.65 2.55 0.00	41.12 2.62 0.00	41.04 2.97 0.00	44.52 3.34 0.00	46.02 3.80 -0.01	52.36 4.37 0.00	60.57 4.64 0.00	67.43 4.35 0.00	70.39 4.30 0.00	66.89 3.91 0.00	55.60 3.20 0.00	49.65 3.03 0.00	40.88 2.53 0.00
W50THST__13_KV_LOAD 356117	37.01 1.90 0.00	33.58 1.57 0.00	32.27 1.62 0.00	31.49 1.53 0.00	31.76 1.51 0.00	35.30 1.49 0.00	40.68 2.01 0.00	46.90 2.57 0.00	41.27 2.48 0.00	38.18 2.36 0.00	39.04 2.49 0.00	40.88 2.78 0.00	41.35 2.85 0.00	41.27 3.20 0.00	44.76 3.58 0.00	46.27 4.05 -0.01	52.60 4.61 0.00	60.96 5.03 0.00	67.81 4.73 0.00	70.79 4.69 0.00	67.21 4.22 0.00	55.81 3.41 0.00	49.84 3.22 0.00	41.04 2.68 0.00
WADING RIVER_IC_1 23522	38.21 3.09 -0.01	34.28 2.27 0.00	33.04 2.39 0.00	32.18 2.22 0.00	32.52 2.27 0.00	36.52 2.71 0.00	41.57 2.90 0.00	47.52 3.19 0.00	41.93 3.14 0.00	39.37 3.55 0.00	41.29 3.22 -1.52	41.37 3.28 0.00	41.69 3.19 0.00	41.65 3.58 -0.01	45.01 3.83 0.00	49.57 4.22 -3.14	52.84 4.85 0.00	60.67 4.75 0.00	66.79 3.72 0.00	69.59 3.50 0.00	65.95 2.96 0.00	54.92 2.52 0.00	50.30 3.68 0.00	41.92 3.57 0.00
WADING RIVER_IC_2 23547	38.21 3.09 -0.01	34.28 2.27 0.00	33.04 2.39 0.00	32.18 2.22 0.00	32.52 2.27 0.00	36.52 2.71 0.00	41.57 2.90 0.00	47.52 3.19 0.00	41.93 3.14 0.00	39.37 3.55 0.00	41.29 3.22 -1.52	41.37 3.28 0.00	41.69 3.19 0.00	41.65 3.58 -0.01	45.01 3.83 0.00	49.57 4.22 -3.14	52.84 4.85 0.00	60.67 4.75 0.00	66.79 3.72 0.00	69.59 3.50 0.00	65.95 2.96 0.00	54.92 2.52 0.00	50.30 3.68 0.00	41.92 3.57 0.00
WADING RIVER_IC_3 23601	38.21 3.09 -0.01	34.28 2.27 0.00	33.04 2.39 0.00	32.18 2.22 0.00	32.52 2.27 0.00	36.52 2.71 0.00	41.57 2.90 0.00	47.52 3.19 0.00	41.93 3.14 0.00	39.37 3.55 0.00	41.29 3.22 -1.52	41.37 3.28 0.00	41.69 3.19 0.00	41.65 3.58 -0.01	45.01 3.83 0.00	49.57 4.22 -3.14	52.84 4.85 0.00	60.67 4.75 0.00	66.79 3.72 0.00	69.59 3.50 0.00	65.95 2.96 0.00	54.92 2.52 0.00	50.30 3.68 0.00	41.92 3.57 0.00
WALDENNY_12_KV_BK2 80841	30.54 -3.16 1.41	25.89 -2.98 3.15	25.65 -2.88 2.12	25.84 -2.73 1.39	25.65 -2.72 1.88	24.42 -2.84 6.56	23.31 -3.17 12.19	28.55 -3.28 12.49	29.32 -2.29 7.18	30.10 -2.19 3.54	29.32 -2.27 4.97	27.22 -2.51 8.36	26.84 -2.46 9.20	28.56 -2.66 6.84	27.47 -2.92 10.79	29.77 -3.08 9.36	31.22 -3.74 13.03	36.41 -3.97 15.55	45.59 -4.23 13.27	50.23 -4.43 11.44	50.09 -4.60 8.30	43.09 -4.35 4.97	39.54 -4.52 2.56	33.86 -4.03 0.46
WALDEN___HYDRO 24148	36.62 1.51 0.00	33.26 1.25 0.00	31.94 1.29 0.00	31.13 1.17 0.00	31.40 1.15 0.00	34.97 1.15 0.00	40.14 1.47 0.00	46.10 1.77 0.00	40.46 1.67 0.00	37.36 1.54 0.00	38.20 1.64 0.00	39.92 1.83 0.00	40.35 1.85 0.00	40.31 2.25 0.00	43.69 2.51 0.00	45.00 2.79 0.00	51.30 3.31 0.00	59.62 3.69 0.00	66.67 3.60 0.00	69.66 3.57 0.00	66.26 3.28 0.00	54.97 2.57 0.00	49.09 2.47 0.00	40.38 2.03 0.00
WARRENSBURG____ 23737	37.68 2.56 0.00	34.32 2.30 0.00	32.83 2.18 0.00	32.06 2.10 0.00	32.40 2.15 0.00	36.25 2.43 0.00	41.30 2.63 0.00	47.39 3.06 0.00	41.04 2.25 0.00	37.86 2.04 0.00	38.64 2.08 0.00	39.85 1.75 0.00	40.16 1.66 0.00	39.86 1.79 0.00	42.91 1.73 0.00	43.10 0.89 0.00	49.14 1.15 0.00	58.00 2.07 0.00	65.79 2.71 0.00	69.86 3.77 0.00	66.70 3.72 0.00	55.49 3.09 0.00	49.32 2.70 0.00	41.73 3.37 0.00

WATERSIDE___6 8 9 23538	36.87 1.76 0.00	33.48 1.47 0.00	32.18 1.53 0.00	31.37 1.41 0.00	31.64 1.39 0.00	35.03 1.22 0.00	40.33 1.66 0.00	46.50 2.17 0.00	40.96 2.17 0.00	37.93 2.11 0.00	38.78 2.23 0.00	40.57 2.48 0.00	41.04 2.54 0.00	41.00 2.93 0.00	44.52 3.34 0.00	46.02 3.80 -0.01	52.31 4.32 0.00	60.46 4.53 0.00	67.18 4.10 0.00	70.06 3.97 0.00	66.58 3.59 0.00	55.44 3.04 0.00	49.51 2.89 0.00	40.81 2.45 0.00
WATKINRD_115KV_LN8_ILLION 55919	35.40 0.28 0.00	32.24 0.22 0.00	30.83 0.18 0.00	30.11 0.15 0.00	30.37 0.12 0.00	33.99 0.17 0.00	38.86 0.19 0.00	44.59 0.27 0.00	38.94 0.16 0.00	36.00 0.18 0.00	36.70 0.15 0.00	38.29 0.19 0.00	38.65 0.15 0.00	38.22 0.15 0.00	41.34 0.16 0.00	42.38 0.17 0.00	48.18 0.19 0.00	56.21 0.28 0.00	63.46 0.38 0.00	66.43 0.33 0.00	63.30 0.31 0.00	52.61 0.21 0.00	46.85 0.23 0.00	38.51 0.15 0.00
WDELAWARE___HYD 323627	36.52 1.41 0.00	33.13 1.12 0.00	31.81 1.16 0.00	31.01 1.05 0.00	31.25 1.00 0.00	34.83 1.01 0.00	39.99 1.32 0.00	45.88 1.55 0.00	40.26 1.47 0.00	37.18 1.36 0.00	37.98 1.42 0.00	39.62 1.53 0.00	40.23 1.73 0.00	40.05 1.98 0.00	43.40 2.22 0.00	44.70 2.49 0.00	50.92 2.93 0.00	59.28 3.36 0.00	66.48 3.40 0.00	69.53 3.43 0.00	66.26 3.27 0.00	54.92 2.52 0.00	48.95 2.33 0.00	40.27 1.92 0.00
WEST BABYLON___IC 23714	38.21 3.09 0.00	34.28 2.27 0.00	32.95 2.30 0.00	32.09 2.13 0.00	32.40 2.15 0.00	36.35 2.54 0.00	41.49 2.82 0.00	47.92 3.59 0.00	41.85 3.06 0.00	39.15 3.33 0.00	41.39 3.33 -1.52	41.60 3.50 0.00	41.77 3.27 0.00	42.03 3.96 0.00	45.55 4.37 0.00	50.03 4.69 -3.14	53.32 5.33 0.00	61.74 5.82 0.00	68.38 5.30 0.00	71.18 5.09 0.00	67.15 4.16 0.00	55.96 3.56 0.00	50.91 4.29 0.00	42.11 3.76 0.00
WEST CANADA___HYD 24049	35.26 0.14 0.00	32.14 0.13 0.00	30.77 0.12 0.00	30.08 0.12 0.00	30.34 0.09 0.00	33.92 0.10 0.00	38.79 0.12 0.00	44.46 0.13 0.00	38.87 0.08 0.00	35.89 0.07 0.00	36.63 0.07 0.00	38.17 0.08 0.00	38.58 0.08 0.00	38.18 0.11 0.00	41.26 0.08 0.00	42.34 0.13 0.00	48.09 0.10 0.00	56.10 0.17 0.00	63.20 0.13 0.00	66.23 0.13 0.00	63.11 0.13 0.00	52.51 0.11 0.00	46.76 0.14 0.00	38.47 0.12 0.00
WESTERN_NY_WIND 24143	31.50 -2.77 0.84	27.46 -2.69 1.86	26.79 -2.61 1.26	26.74 -2.40 0.83	26.81 -2.33 1.11	27.54 -2.40 3.88	28.80 -2.67 7.20	34.33 -2.62 7.39	32.80 -1.75 4.25	31.97 -1.76 2.10	31.68 -1.94 2.94	30.90 -2.25 4.95	30.83 -2.23 5.44	31.43 -2.47 4.17	31.49 -2.80 6.89	33.21 -2.91 6.09	35.79 -3.50 8.69	41.44 -3.80 10.68	48.77 -3.72 10.59	54.04 -3.64 8.42	52.41 -3.72 6.86	44.75 -3.67 3.99	40.31 -4.06 2.25	34.51 -3.57 0.28
WESTOVER___LESR 323668	35.64 0.28 -0.25	32.75 0.19 -0.55	31.17 0.15 -0.37	30.41 0.21 -0.24	30.82 0.24 -0.33	35.30 0.34 -1.15	41.15 0.35 -2.13	47.00 0.49 -2.19	40.51 0.47 -1.26	36.83 0.39 -0.62	37.75 0.33 -0.87	39.90 0.34 -1.46	40.46 0.35 -1.61	39.59 0.27 -1.25	43.21 0.37 -1.66	43.89 0.34 -1.35	50.11 0.43 -1.68	58.49 0.78 -1.78	65.51 1.01 -1.42	68.00 1.12 -0.78	64.35 1.01 -0.36	53.11 0.68 -0.03	46.77 0.33 0.18	38.59 0.15 -0.08
WETHRSFD_WT_PWR 323626	28.66 -2.53 3.92	20.81 -2.43 8.77	22.39 -2.36 5.90	23.87 -2.22 3.88	22.87 -2.15 5.23	13.28 -2.23 18.30	2.11 -2.55 34.01	6.62 -2.84 34.87	16.54 -2.21 20.04	23.77 -2.19 9.87	20.40 -2.30 13.85	12.29 -2.48 23.33	10.30 -2.54 25.66	15.94 -2.67 19.46	9.34 -2.80 29.04	14.37 -3.00 24.84	10.92 -3.41 33.66	13.32 -3.47 39.14	24.91 -3.34 34.82	36.65 -3.24 26.21	41.18 -3.21 18.60	39.62 -2.93 9.85	38.97 -3.50 4.15	33.81 -3.26 1.28
WHAVSTOR_138KV_BK127 55557	36.59 1.47 0.00	33.23 1.22 0.00	31.91 1.26 0.00	31.13 1.17 0.00	31.40 1.15 0.00	34.93 1.12 0.00	40.14 1.47 0.00	46.19 1.86 0.00	40.50 1.71 0.00	37.47 1.65 0.00	38.31 1.75 0.00	40.08 1.98 0.00	40.50 2.00 0.00	40.39 2.32 0.00	43.82 2.64 0.00	45.12 2.91 0.00	51.50 3.50 0.00	59.67 3.75 0.00	66.61 3.53 0.00	69.53 3.44 0.00	66.07 3.09 0.00	54.92 2.52 0.00	49.04 2.42 0.00	40.38 2.03 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	36.59 1.47 0.00	33.23 1.22 0.00	31.91 1.26 0.00	31.13 1.17 0.00	31.40 1.15 0.00	34.93 1.12 0.00	40.14 1.47 0.00	46.19 1.86 0.00	40.50 1.71 0.00	37.47 1.65 0.00	38.31 1.75 0.00	40.08 1.98 0.00	40.50 2.00 0.00	40.39 2.32 0.00	43.82 2.64 0.00	45.12 2.91 0.00	51.50 3.50 0.00	59.67 3.75 0.00	66.61 3.53 0.00	69.53 3.44 0.00	66.07 3.09 0.00	54.92 2.52 0.00	49.04 2.42 0.00	40.38 2.03 0.00
WHITEHAL_115KV_TB1 80871	38.42 3.30 0.00	34.99 2.98 0.00	33.44 2.79 0.00	32.66 2.70 0.00	33.00 2.75 0.00	36.96 3.14 0.00	42.03 3.36 0.00	48.19 3.86 0.00	41.51 2.72 0.00	38.26 2.44 0.00	39.00 2.45 0.00	40.31 2.21 0.00	40.58 2.08 0.00	40.31 2.25 0.00	43.45 2.26 0.00	43.60 1.39 0.00	49.82 1.82 0.00	58.95 3.02 0.00	67.05 3.97 0.00	71.58 5.49 0.00	68.41 5.42 0.00	56.91 4.51 0.00	50.39 3.78 0.00	42.46 4.10 0.00
WHITEPLN_13_KV_LOAD 356215	37.05 1.93 0.00	33.61 1.60 0.00	32.27 1.62 0.00	31.49 1.53 0.00	31.73 1.48 0.00	35.34 1.52 0.00	40.64 1.97 0.00	46.81 2.48 0.00	41.08 2.29 0.00	38.04 2.22 0.00	38.89 2.34 0.00	40.72 2.63 0.00	41.27 2.77 0.00	41.23 3.16 0.00	44.68 3.50 0.00	46.05 3.84 0.00	52.50 4.51 0.00	60.85 4.92 0.00	67.93 4.86 0.00	70.85 4.76 0.00	67.27 4.28 0.00	55.81 3.41 0.00	49.79 3.17 0.00	40.92 2.57 0.00
WM_FLOYD_69_KV_BK2 356380	38.21 3.09 0.00	34.28 2.27 0.00	33.04 2.39 0.00	32.18 2.22 0.00	32.52 2.27 0.00	36.49 2.67 0.00	41.53 2.86 0.00	48.05 3.72 0.00	41.89 3.10 0.00	39.29 3.47 0.00	41.32 3.25 -1.52	41.45 3.35 0.00	41.50 3.00 0.00	41.69 3.62 0.00	45.13 3.95 0.00	49.70 4.35 -3.14	53.03 5.04 0.00	61.12 5.20 0.01	67.74 4.67 0.00	70.39 4.30 0.00	66.45 3.46 0.00	55.39 2.99 0.00	50.63 4.01 0.00	42.00 3.64 0.00
WOODARD__115KV_TB2 355635	34.59 -0.53 0.00	31.47 -0.54 0.00	30.10 -0.55 0.00	29.45 -0.51 0.00	29.77 -0.48 0.00	33.34 -0.47 0.00	38.13 -0.54 0.00	43.66 -0.66 0.00	38.29 -0.50 0.00	35.35 -0.47 0.00	36.04 -0.51 0.00	37.52 -0.57 0.00	37.96 -0.54 0.00	37.31 -0.76 0.00	40.16 -0.82 0.20	41.13 -0.84 0.24	46.53 -1.01 0.46	54.27 -0.95 0.71	61.22 -0.95 0.91	64.38 -0.86 0.86	61.26 -0.88 0.85	50.99 -0.84 0.57	45.31 -0.89 0.42	37.51 -0.84 0.00
YORK___WARBASSE 23770	36.91 1.79 0.00	33.45 1.44 0.00	32.15 1.50 0.00	31.34 1.38 0.00	31.58 1.33 0.00	34.97 1.15 0.00	40.26 1.59 0.00	46.46 2.13 0.00	40.92 2.13 0.00	37.90 2.08 0.00	38.75 2.19 0.00	40.57 2.48 0.00	41.08 2.58 0.00	41.08 3.01 0.00	44.64 3.46 0.00	46.19 3.97 -0.01	52.50 4.51 0.00	60.51 4.59 0.00	67.18 4.10 0.00	70.06 3.97 0.00	66.52 3.53 0.00	55.55 3.14 0.00	49.56 2.94 0.00	40.81 2.45 0.00