

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

06/25/2026

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	41.06	37.57	35.21	34.21	34.60	36.17	38.86	41.58	41.62	40.40	42.20	44.47	51.17	59.20	59.87	60.27	65.83	73.81	74.39	74.34	67.32	59.28	49.35	44.79
24138	2.43	2.26	2.02	2.00	1.90	1.82	2.06	2.57	3.05	2.99	3.41	3.86	4.30	4.44	4.85	5.10	6.03	7.31	6.64	6.20	5.22	4.54	3.61	3.39
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.03	-3.83	-10.41	-7.52	-4.19	-3.94	0.00	0.01	0.01	0.00	0.01	0.00	0.00
74TH STREET_GT_1	41.06	37.57	35.24	34.24	34.64	36.17	38.82	41.54	41.54	40.37	42.16	44.39	51.20	59.38	59.95	60.24	65.77	73.67	74.19	74.21	67.25	59.28	49.35	44.79
24260	2.43	2.26	2.06	2.03	1.93	1.82	2.02	2.54	2.97	2.96	3.37	3.77	4.22	4.30	4.70	4.95	5.86	7.18	6.44	6.07	5.15	4.54	3.61	3.39
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.03	-3.94	-10.72	-7.74	-4.31	-4.06	0.00	0.01	0.01	0.00	0.01	0.00	0.00
74TH STREET_GT_2	41.06	37.57	35.24	34.24	34.64	36.17	38.82	41.54	41.54	40.37	42.16	44.39	51.20	59.38	59.95	60.24	65.77	73.67	74.19	74.21	67.25	59.28	49.35	44.79
24261	2.43	2.26	2.06	2.03	1.93	1.82	2.02	2.54	2.97	2.96	3.37	3.77	4.22	4.30	4.70	4.95	5.86	7.18	6.44	6.07	5.15	4.54	3.61	3.39
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.03	-3.94	-10.72	-7.74	-4.31	-4.06	0.00	0.01	0.01	0.00	0.01	0.00	0.00
ADK HUDSON___FALLS	41.22	37.75	35.44	34.27	34.86	36.65	39.01	41.19	40.38	38.83	39.94	41.93	44.33	45.78	49.26	53.02	58.09	69.42	71.62	72.24	66.32	58.74	48.85	44.38
24011	2.59	2.44	2.26	2.06	2.16	2.30	2.21	2.18	1.81	1.42	1.16	1.34	1.29	1.42	1.76	2.04	2.23	2.93	3.86	4.09	4.22	4.00	3.11	2.98
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	41.49	38.03	35.70	34.50	35.09	36.92	39.30	41.47	40.61	39.02	40.10	42.09	44.54	46.00	49.50	53.33	58.37	69.88	72.16	72.79	66.88	59.28	49.26	44.71
23798	2.86	2.72	2.52	2.29	2.39	2.58	2.50	2.46	2.04	1.61	1.32	1.50	1.51	1.64	1.99	2.35	2.52	3.39	4.40	4.64	4.78	4.54	3.52	3.31
	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
ADK S GLENS___FALLS	41.22	37.75	35.44	34.27	34.86	36.65	39.01	41.19	40.38	38.83	39.94	41.93	44.33	45.78	49.26	53.02	58.09	69.42	71.62	72.24	66.32	58.74	48.85	44.38
24028	2.59	2.44	2.26	2.06	2.16	2.30	2.21	2.18	1.81	1.42	1.16	1.34	1.29	1.42	1.76	2.04	2.23	2.93	3.86	4.09	4.22	4.00	3.11	2.98
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	40.13	36.80	34.54	33.46	33.98	35.68	38.01	40.02	39.50	38.20	39.44	41.44	43.77	45.16	48.36	51.75	56.63	67.55	69.18	69.72	63.53	56.27	46.97	42.85
23527	1.51	1.48	1.36	1.25	1.27	1.34	1.21	1.01	0.92	0.79	0.66	0.85	0.73	0.80	0.86	0.77	0.78	1.06	1.43	1.57	1.43	1.53	1.24	1.45
	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	38.98	35.74	33.55	32.53	33.00	34.62	36.98	39.13	38.69	37.41	38.78	40.71	43.17	44.45	47.60	50.98	55.91	66.56	67.83	68.22	62.10	54.91	45.97	41.81
24190	0.35	0.42	0.36	0.32	0.29	0.27	0.18	0.12	0.12	0.00	0.00	0.12	0.13	0.09	0.10	0.00	0.06	0.07	0.07	0.07	0.00	0.16	0.23	0.41
	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
AKWESSNE_115KV_BK	38.40	35.03	32.98	32.05	32.58	34.28	36.80	39.01	38.53	37.37	38.70	40.59	43.04	44.27	47.36	50.88	55.29	65.96	67.15	67.61	61.54	54.25	45.65	41.19
355683	-0.23	-0.28	-0.20	-0.16	-0.13	-0.07	0.00	0.00	-0.04	-0.04	-0.08	0.00	0.00	-0.09	-0.14	-0.10	-0.56	-0.53	-0.61	-0.55	-0.56	-0.49	-0.09	-0.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	39.75	36.41	34.18	33.11	33.62	35.24	37.57	39.63	39.00	37.64	38.93	40.83	43.34	44.76	47.98	51.54	56.58	67.62	68.98	69.52	63.46	56.11	46.88	42.64
323833	1.12	1.10	0.99	0.90	0.91	0.89	0.77	0.62	0.43	0.23	0.16	0.24	0.30	0.40	0.48	0.56	0.72	1.13	1.22	1.36	1.36	1.37	1.14	1.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	39.71	36.41	34.18	33.11	33.62	35.24	37.57	39.63	39.00	37.64	38.93	40.83	43.34	44.76	47.98	51.54	56.58	67.62	68.98	69.45	63.46	56.11	46.88	42.64
323834	1.08	1.10	0.99	0.90	0.91	0.89	0.77	0.62	0.43	0.23	0.16	0.24	0.30	0.40	0.48	0.56	0.72	1.13	1.22	1.29	1.36	1.37	1.14	1.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	38.98	35.74	33.55	32.53	33.00	34.62	36.98	39.13	38.69	37.41	38.78	40.71	43.17	44.45	47.60	50.98	55.91	66.56	67.83	68.22	62.10	54.91	45.97	41.81
23571	0.35	0.42	0.36	0.32	0.29	0.27	0.18	0.12	0.12	0.00	0.00	0.12	0.13	0.09	0.10	0.00	0.06	0.07	0.07	0.07	0.00	0.16	0.23	0.41
	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

ALBANY___2 23572	38.98 0.35 0.00	35.74 0.42 0.00	33.55 0.36 0.00	32.53 0.32 0.00	33.00 0.29 0.00	34.62 0.27 0.00	36.98 0.18 0.00	39.13 0.12 0.00	38.69 0.12 0.00	37.41 0.00 0.00	38.78 0.00 0.00	40.71 0.12 0.00	43.17 0.13 0.00	44.45 0.09 0.00	47.60 0.10 0.00	50.98 0.00 0.00	55.91 0.06 0.00	66.56 0.07 0.00	67.83 0.07 0.00	68.22 0.07 0.00	62.10 0.00 0.00	54.91 0.16 0.00	45.97 0.23 0.00	41.81 0.41 0.00
ALBANY___3 23573	38.98 0.35 0.00	35.74 0.42 0.00	33.55 0.36 0.00	32.53 0.32 0.00	33.00 0.29 0.00	34.62 0.27 0.00	36.98 0.18 0.00	39.13 0.12 0.00	38.69 0.12 0.00	37.41 0.00 0.00	38.78 0.00 0.00	40.71 0.12 0.00	43.17 0.13 0.00	44.45 0.09 0.00	47.60 0.10 0.00	50.98 0.00 0.00	55.91 0.06 0.00	66.56 0.07 0.00	67.83 0.07 0.00	68.22 0.07 0.00	62.10 0.00 0.00	54.91 0.16 0.00	45.97 0.23 0.00	41.81 0.41 0.00
ALBANY___4 23574	38.98 0.35 0.00	35.74 0.42 0.00	33.55 0.36 0.00	32.53 0.32 0.00	33.00 0.29 0.00	34.62 0.27 0.00	36.98 0.18 0.00	39.13 0.12 0.00	38.69 0.12 0.00	37.41 0.00 0.00	38.78 0.00 0.00	40.71 0.12 0.00	43.17 0.13 0.00	44.45 0.09 0.00	47.60 0.10 0.00	50.98 0.00 0.00	55.91 0.06 0.00	66.56 0.07 0.00	67.83 0.07 0.00	68.22 0.07 0.00	62.10 0.00 0.00	54.91 0.16 0.00	45.97 0.23 0.00	41.81 0.41 0.00
ALBANY___LFGE 323615	39.33 0.70 0.00	36.06 0.74 0.00	33.84 0.66 0.00	32.79 0.58 0.00	33.30 0.59 0.00	34.93 0.58 0.00	37.28 0.48 0.00	39.48 0.47 0.00	39.00 0.43 0.00	37.71 0.30 0.00	39.05 0.27 0.00	40.95 0.36 0.00	43.47 0.43 0.00	44.89 0.53 0.00	47.98 0.48 0.00	51.49 0.51 0.00	56.41 0.56 0.00	67.16 0.66 0.00	68.44 0.68 0.00	68.84 0.68 0.00	62.72 0.62 0.00	55.45 0.71 0.00	46.38 0.64 0.00	42.23 0.83 0.00
ALCOA_PA_115KV_PL-6C 55860	38.40 -0.23 0.00	35.03 -0.28 0.00	32.98 -0.20 0.00	32.02 -0.19 0.00	32.54 -0.16 0.00	34.31 -0.03 0.00	36.87 0.07 0.00	39.01 0.00 0.00	38.49 -0.08 0.00	37.30 -0.11 0.00	38.62 -0.15 0.00	40.51 -0.08 0.00	42.91 -0.13 0.00	44.14 -0.22 0.00	47.27 -0.24 0.00	50.78 -0.20 0.00	55.52 -0.33 0.00	66.16 -0.33 0.00	67.35 -0.40 0.00	67.81 -0.34 0.00	61.73 -0.37 0.00	54.42 -0.33 0.00	45.65 -0.09 0.00	41.19 -0.21 0.00
ALCOA_RYNLDS___DRP 24188	38.40 -0.23 0.00	35.03 -0.28 0.00	32.98 -0.20 0.00	32.05 -0.16 0.00	32.54 -0.16 0.00	34.31 -0.03 0.00	36.80 0.00 0.00	39.01 0.00 0.00	38.49 -0.08 0.00	37.30 -0.11 0.00	38.62 -0.16 0.00	40.51 -0.08 0.00	42.91 -0.13 0.00	44.14 -0.22 0.00	47.27 -0.24 0.00	50.78 -0.20 0.00	55.46 -0.39 0.00	66.16 -0.33 0.00	67.42 -0.34 0.00	67.81 -0.34 0.00	61.73 -0.37 0.00	54.41 -0.33 0.00	45.65 -0.09 0.00	41.19 -0.21 0.00
ALCOA___DSASP 323711	38.40 -0.23 0.00	35.03 -0.28 0.00	32.98 -0.20 0.00	32.05 -0.16 0.00	32.54 -0.16 0.00	34.31 -0.03 0.00	36.80 0.00 0.00	39.01 0.00 0.00	38.49 -0.08 0.00	37.30 -0.11 0.00	38.62 -0.16 0.00	40.51 -0.08 0.00	42.91 -0.13 0.00	44.14 -0.22 0.00	47.27 -0.24 0.00	50.78 -0.20 0.00	55.46 -0.39 0.00	66.16 -0.33 0.00	67.42 -0.34 0.00	67.81 -0.34 0.00	61.73 -0.37 0.00	54.41 -0.33 0.00	45.65 -0.09 0.00	41.19 -0.21 0.00
ALLEGHENY___COGEN 23514	38.40 -0.23 0.00	34.96 -0.35 0.00	32.78 -0.40 0.00	31.89 -0.32 0.00	32.44 -0.26 0.00	34.11 -0.24 0.00	36.17 -0.63 0.00	38.07 -0.97 -0.04	37.14 -1.43 0.00	36.14 -1.27 0.00	37.11 -1.67 0.00	38.68 -1.91 0.00	41.13 -2.15 -0.24	42.14 -2.17 0.04	46.84 -1.99 -1.33	53.93 -1.43 -4.37	60.13 -1.67 -5.95	79.22 -1.86 -14.59	69.19 -1.09 -2.52	64.66 -0.75 2.74	60.09 0.49 2.51	52.83 0.00 1.91	44.76 -0.05 0.94	40.24 -0.49 0.67
ALTAMONT_115KV_TB 2 55880	39.32 0.70 0.00	36.02 0.71 0.00	33.81 0.63 0.00	32.82 0.61 0.00	33.30 0.59 0.00	34.93 0.58 0.00	37.31 0.52 0.00	39.52 0.51 0.00	39.07 0.50 0.00	37.82 0.41 0.00	39.24 0.47 0.00	41.16 0.57 0.00	43.64 0.60 0.00	44.93 0.58 0.00	48.12 0.62 0.00	51.64 0.66 0.00	56.63 0.78 0.00	67.49 1.00 0.00	68.71 0.95 0.00	69.11 0.95 0.00	62.97 0.87 0.00	55.62 0.88 0.00	46.47 0.73 0.00	42.23 0.83 0.00
ALTONA_WT_PWR 323606	38.21 -0.42 0.00	34.79 -0.53 0.00	32.88 -0.30 0.00	31.95 -0.26 0.00	32.48 -0.23 0.00	34.21 -0.14 0.00	36.76 -0.04 0.00	38.97 -0.04 0.00	38.49 -0.08 0.00	37.37 -0.04 0.00	38.70 -0.08 0.00	40.59 0.00 0.00	43.08 0.04 0.00	44.27 -0.09 0.00	47.41 -0.09 0.00	50.88 -0.10 0.00	55.63 -0.22 0.00	66.36 -0.13 0.00	67.69 -0.07 0.00	68.09 -0.07 0.00	61.98 -0.12 0.00	54.47 -0.27 0.00	45.60 -0.14 0.00	41.15 -0.25 0.00
AMERICAN_REF_FUEL 24010	34.34 -4.29 0.00	31.15 -4.17 0.00	29.23 -3.95 0.00	28.54 -3.67 0.00	28.78 -3.93 0.00	30.12 -4.23 0.00	31.90 -4.89 0.00	33.62 -5.38 0.01	33.33 -5.25 0.00	32.66 -4.75 0.00	33.66 -5.12 0.00	35.23 -5.36 0.00	37.05 -5.89 0.09	38.28 -6.03 0.05	40.47 -6.27 0.76	41.40 -6.48 3.11	44.38 -6.98 4.49	50.04 -8.78 7.67	54.28 -8.95 4.54	55.15 -9.41 3.60	51.39 -7.70 3.01	45.12 -7.12 2.51	39.13 -5.49 1.12	35.14 -5.38 0.87
ARKWRIGHT___SUMMIT_WT_PWR 323751	35.96 -2.66 0.00	32.42 -2.90 0.00	30.33 -2.85 0.00	29.44 -2.77 0.00	29.67 -3.04 0.00	31.05 -3.30 0.00	32.94 -3.86 0.00	34.63 -4.37 0.01	34.40 -4.17 0.00	33.71 -3.70 0.00	34.90 -3.88 0.00	36.61 -3.98 0.00	38.51 -4.43 0.09	39.70 -4.61 0.04	42.54 -4.23 0.74	43.05 -4.94 2.99	46.19 -5.36 4.30	53.96 -5.19 7.35	57.51 -5.96 4.29	58.98 -5.86 3.31	54.31 -5.03 2.76	47.12 -5.31 2.31	40.32 -4.39 1.03	36.12 -4.47 0.80
ARTHUR KILL_GT_1 23520	40.41 1.78 0.00	37.12 1.80 0.00	34.77 1.59 0.00	33.72 1.51 0.00	34.08 1.37 0.00	35.55 1.20 0.00	38.12 1.32 0.00	40.72 1.72 0.00	38.32 2.20 2.45	38.36 2.24 1.30	41.58 2.79 -0.01	43.86 3.25 -0.03	50.77 3.79 -3.94	58.98 3.90 -10.72	59.71 4.47 -7.74	60.08 4.79 -4.31	65.05 5.14 -4.06	72.48 5.98 0.00	72.90 5.15 0.01	72.84 4.70 0.02	66.00 3.91 0.01	58.95 4.22 0.01	48.99 3.25 0.00	44.42 3.02 0.00
ARTHUR_KILL_2 23512	40.25 1.62 0.00	36.97 1.66 0.00	34.68 1.49 0.00	33.55 1.35 0.01	33.97 1.27 0.01	35.47 1.13 0.01	37.93 1.14 0.01	40.60 1.60 0.01	38.19 2.08 2.46	38.24 2.13 1.30	41.42 2.64 -0.01	43.78 3.17 -0.03	50.55 3.57 -3.94	58.84 3.77 -10.72	59.52 4.28 -7.74	59.88 4.59 -4.31	64.60 4.69 -4.06	72.14 5.65 0.00	72.56 4.81 0.01	72.56 4.43 0.02	65.75 3.66 0.01	58.73 3.99 0.01	48.85 3.11 0.00	44.29 2.90 0.00
ARTHUR_KILL_3 23513	40.67 2.05 0.01	37.21 1.91 0.01	34.90 1.72 0.01	33.83 1.64 0.02	34.29 1.60 0.02	35.84 1.51 0.02	38.40 1.62 0.02	41.10 2.11 0.02	38.69 2.58 2.47	38.65 2.55 1.31	41.69 2.91 0.00	43.97 3.37 -0.02	50.63 3.70 -3.89	58.80 3.86 -10.59	59.33 4.18 -7.64	59.62 4.39 -4.25	63.76 5.14 -2.77	71.36 6.38 1.52	71.94 5.62 1.44	72.02 5.32 1.46	66.21 4.47 0.36	58.72 3.99 0.02	48.88 3.15 0.01	44.37 2.98 0.01

ARTHUR_KILL_COGEN 323718	40.41 1.78 0.00	37.08 1.76 0.00	34.77 1.59 0.00	33.65 1.45 0.01	34.07 1.37 0.01	35.54 1.20 0.01	38.04 1.25 0.01	40.71 1.71 0.01	38.31 2.20 2.46	38.36 2.24 1.30	41.54 2.75 -0.01	43.90 3.29 -0.03	50.68 3.70 -3.94	59.02 3.95 -10.72	59.71 4.46 -7.74	60.08 4.79 -4.31	64.83 4.92 -4.06	72.41 5.92 0.00	72.84 5.08 0.01	72.83 4.70 0.02	66.01 3.91 0.01	58.95 4.22 0.01	48.99 3.25 0.00	44.42 3.02 0.00
ASHOKAN____ 23654	41.06 2.44 0.00	37.50 2.19 0.00	35.14 1.96 0.00	34.04 1.83 0.00	34.47 1.76 0.00	36.10 1.75 0.00	38.53 1.73 0.00	40.88 1.87 0.00	40.23 1.66 0.00	38.75 1.34 0.00	40.17 1.39 0.00	42.25 1.66 0.00	45.14 2.11 0.00	46.57 2.22 0.00	50.26 2.75 0.00	53.94 2.96 0.00	59.20 3.35 0.00	71.01 4.52 0.00	71.69 3.93 0.00	72.11 3.95 0.00	66.32 4.22 0.00	58.35 3.61 0.00	48.67 2.93 0.00	44.25 2.85 0.00
ASTORIA_EAST_ENERGY_CC1 323581	40.91 2.28 0.00	37.36 2.05 0.00	35.34 2.16 -0.01	34.27 2.06 0.00	34.67 1.96 0.00	35.96 1.61 0.00	38.34 1.55 0.01	41.03 2.03 0.01	41.11 2.55 0.01	39.95 2.55 0.01	41.85 3.06 -0.01	44.10 3.49 -0.02	50.85 3.87 -3.94	59.06 3.99 -10.71	59.56 4.32 -7.73	59.77 4.49 -4.30	65.04 5.14 -4.05	72.60 6.11 0.00	73.03 5.29 0.01	73.11 4.97 0.02	66.19 4.10 0.01	58.73 3.99 0.01	49.07 3.34 0.00	44.83 3.43 0.00
ASTORIA_EAST_ENERGY_CC2 323582	40.91 2.28 0.00	37.36 2.05 0.00	35.34 2.16 -0.01	34.27 2.06 0.00	34.67 1.96 0.00	35.96 1.61 0.00	38.34 1.55 0.01	41.03 2.03 0.01	41.11 2.55 0.01	39.95 2.55 0.01	41.85 3.06 -0.01	44.10 3.49 -0.02	50.85 3.87 -3.94	59.06 3.99 -10.71	59.56 4.32 -7.73	59.77 4.49 -4.30	65.04 5.14 -4.05	72.60 6.11 0.00	73.03 5.29 0.01	73.11 4.97 0.02	66.19 4.10 0.01	58.73 3.99 0.01	49.07 3.34 0.00	44.83 3.43 0.00
ASTORIA_GT2_1 24094	40.91 2.28 0.00	37.40 2.08 0.00	35.38 2.19 -0.01	34.33 2.13 0.00	34.70 2.00 0.00	35.96 1.61 0.00	38.42 1.62 0.00	41.08 2.07 0.00	41.16 2.58 0.00	39.99 2.58 0.00	41.93 3.14 -0.01	44.11 3.49 -0.03	50.89 3.92 -3.94	59.02 3.95 -10.72	59.61 4.37 -7.74	59.83 4.54 -4.31	65.15 5.25 -4.05	72.74 6.25 0.00	73.17 5.42 0.01	73.11 4.98 0.02	66.25 4.16 0.01	58.73 4.00 0.01	49.12 3.38 0.00	44.83 3.44 0.00
ASTORIA_GT2_2 24095	40.91 2.28 0.00	37.40 2.08 0.00	35.38 2.19 -0.01	34.33 2.13 0.00	34.70 2.00 0.00	35.96 1.61 0.00	38.42 1.62 0.00	41.08 2.07 0.00	41.16 2.58 0.00	39.99 2.58 0.00	41.93 3.14 -0.01	44.11 3.49 -0.03	50.89 3.92 -3.94	59.02 3.95 -10.72	59.61 4.37 -7.74	59.83 4.54 -4.31	65.15 5.25 -4.05	72.74 6.25 0.00	73.17 5.42 0.01	73.11 4.98 0.02	66.25 4.16 0.01	58.73 4.00 0.01	49.12 3.38 0.00	44.83 3.44 0.00
ASTORIA_GT2_3 24096	40.91 2.28 0.00	37.40 2.08 0.00	35.38 2.19 -0.01	34.33 2.13 0.00	34.70 2.00 0.00	35.96 1.61 0.00	38.42 1.62 0.00	41.08 2.07 0.00	41.16 2.58 0.00	39.99 2.58 0.00	41.93 3.14 -0.01	44.11 3.49 -0.03	50.89 3.92 -3.94	59.02 3.95 -10.72	59.61 4.37 -7.74	59.83 4.54 -4.31	65.15 5.25 -4.05	72.74 6.25 0.00	73.17 5.42 0.01	73.11 4.98 0.02	66.25 4.16 0.01	58.73 4.00 0.01	49.12 3.38 0.00	44.83 3.44 0.00
ASTORIA_GT2_4 24097	40.91 2.28 0.00	37.40 2.08 0.00	35.38 2.19 -0.01	34.33 2.13 0.00	34.70 2.00 0.00	35.96 1.61 0.00	38.42 1.62 0.00	41.08 2.07 0.00	41.16 2.58 0.00	39.99 2.58 0.00	41.93 3.14 -0.01	44.11 3.49 -0.03	50.89 3.92 -3.94	59.02 3.95 -10.72	59.61 4.37 -7.74	59.83 4.54 -4.31	65.15 5.25 -4.05	72.74 6.25 0.00	73.17 5.42 0.01	73.11 4.98 0.02	66.25 4.16 0.01	58.73 4.00 0.01	49.12 3.38 0.00	44.83 3.44 0.00
ASTORIA_GT3_1 24098	40.91 2.28 0.00	37.40 2.08 0.00	35.38 2.19 -0.01	34.33 2.13 0.00	34.70 2.00 0.00	35.96 1.61 0.00	38.42 1.62 0.00	41.08 2.07 0.00	41.16 2.58 0.00	39.99 2.58 0.00	41.93 3.14 -0.01	44.11 3.49 -0.03	50.89 3.92 -3.94	59.02 3.95 -10.72	59.61 4.37 -7.74	59.83 4.54 -4.31	65.15 5.25 -4.05	72.74 6.25 0.00	73.17 5.42 0.01	73.11 4.98 0.02	66.25 4.16 0.01	58.73 4.00 0.01	49.12 3.38 0.00	44.83 3.44 0.00
ASTORIA_GT3_2 24099	40.91 2.28 0.00	37.40 2.08 0.00	35.38 2.19 -0.01	34.33 2.13 0.00	34.70 2.00 0.00	35.96 1.61 0.00	38.42 1.62 0.00	41.08 2.07 0.00	41.16 2.58 0.00	39.99 2.58 0.00	41.93 3.14 -0.01	44.11 3.49 -0.03	50.89 3.92 -3.94	59.02 3.95 -10.72	59.61 4.37 -7.74	59.83 4.54 -4.31	65.15 5.25 -4.05	72.74 6.25 0.00	73.17 5.42 0.01	73.11 4.98 0.02	66.25 4.16 0.01	58.73 4.00 0.01	49.12 3.38 0.00	44.83 3.44 0.00
ASTORIA_GT3_3 24100	40.91 2.28 0.00	37.40 2.08 0.00	35.38 2.19 -0.01	34.33 2.13 0.00	34.70 2.00 0.00	35.96 1.61 0.00	38.42 1.62 0.00	41.08 2.07 0.00	41.16 2.58 0.00	39.99 2.58 0.00	41.93 3.14 -0.01	44.11 3.49 -0.03	50.89 3.92 -3.94	59.02 3.95 -10.72	59.61 4.37 -7.74	59.83 4.54 -4.31	65.15 5.25 -4.05	72.74 6.25 0.00	73.17 5.42 0.01	73.11 4.98 0.02	66.25 4.16 0.01	58.73 4.00 0.01	49.12 3.38 0.00	44.83 3.44 0.00
ASTORIA_GT3_4 24101	40.91 2.28 0.00	37.40 2.08 0.00	35.38 2.19 -0.01	34.33 2.13 0.00	34.70 2.00 0.00	35.96 1.61 0.00	38.42 1.62 0.00	41.08 2.07 0.00	41.16 2.58 0.00	39.99 2.58 0.00	41.93 3.14 -0.01	44.11 3.49 -0.03	50.89 3.92 -3.94	59.02 3.95 -10.72	59.61 4.37 -7.74	59.83 4.54 -4.31	65.15 5.25 -4.05	72.74 6.25 0.00	73.17 5.42 0.01	73.11 4.98 0.02	66.25 4.16 0.01	58.73 4.00 0.01	49.12 3.38 0.00	44.83 3.44 0.00
ASTORIA_GT4_1 24102	40.91 2.28 0.00	37.40 2.08 0.00	35.38 2.19 -0.01	34.33 2.13 0.00	34.70 2.00 0.00	35.96 1.61 0.00	38.42 1.62 0.00	41.08 2.07 0.00	41.16 2.58 0.00	39.99 2.58 0.00	41.93 3.14 -0.01	44.11 3.49 -0.03	50.89 3.92 -3.94	59.02 3.95 -10.72	59.61 4.37 -7.74	59.83 4.54 -4.31	65.15 5.25 -4.05	72.74 6.25 0.00	73.17 5.42 0.01	73.11 4.98 0.02	66.25 4.16 0.01	58.73 4.00 0.01	49.12 3.38 0.00	44.83 3.44 0.00
ASTORIA_GT4_2 24103	40.91 2.28 0.00	37.40 2.08 0.00	35.38 2.19 -0.01	34.33 2.13 0.00	34.70 2.00 0.00	35.96 1.61 0.00	38.42 1.62 0.00	41.08 2.07 0.00	41.16 2.58 0.00	39.99 2.58 0.00	41.93 3.14 -0.01	44.11 3.49 -0.03	50.89 3.92 -3.94	59.02 3.95 -10.72	59.61 4.37 -7.74	59.83 4.54 -4.31	65.15 5.25 -4.05	72.74 6.25 0.00	73.17 5.42 0.01	73.11 4.98 0.02	66.25 4.16 0.01	58.73 4.00 0.01	49.12 3.38 0.00	44.83 3.44 0.00
ASTORIA_GT4_3 24104	40.91 2.28 0.00	37.40 2.08 0.00	35.38 2.19 -0.01	34.33 2.13 0.00	34.70 2.00 0.00	35.96 1.61 0.00	38.42 1.62 0.00	41.08 2.07 0.00	41.16 2.58 0.00	39.99 2.58 0.00	41.93 3.14 -0.01	44.11 3.49 -0.03	50.89 3.92 -3.94	59.02 3.95 -10.72	59.61 4.37 -7.74	59.83 4.54 -4.31	65.15 5.25 -4.05	72.74 6.25 0.00	73.17 5.42 0.01	73.11 4.98 0.02	66.25 4.16 0.01	58.73 4.00 0.01	49.12 3.38 0.00	44.83 3.44 0.00

ASTORIA_GT4_4 24105	40.91 2.28 0.00	37.40 2.08 0.00	35.38 2.19 -0.01	34.33 2.13 0.00	34.70 2.00 0.00	35.96 1.61 0.00	38.42 1.62 0.00	41.08 2.07 0.00	41.16 2.58 0.00	39.99 2.58 0.00	41.93 3.14 -0.01	44.11 3.49 -0.03	50.89 3.92 -3.94	59.02 3.95 -10.72	59.61 4.37 -7.74	59.83 4.54 -4.31	65.15 5.25 -4.05	72.74 6.25 0.00	73.17 5.42 0.01	73.11 4.98 0.02	66.25 4.16 0.01	58.73 4.00 0.01	49.12 3.38 0.00	44.83 3.44 0.00
ASTORIA_GT_1 23523	40.99 2.36 0.00	37.47 2.15 0.00	35.41 2.22 -0.01	34.37 2.16 0.00	34.73 2.03 0.00	36.03 1.68 0.00	38.45 1.66 0.00	41.15 2.15 0.00	41.23 2.66 0.00	40.07 2.66 0.00	42.00 3.22 -0.01	44.23 3.61 -0.03	50.98 4.00 -3.94	59.15 4.08 -10.72	59.71 4.47 -7.74	59.98 4.69 -4.31	65.32 5.42 -4.05	72.87 6.38 0.00	73.38 5.62 0.01	73.32 5.18 0.02	66.38 4.28 0.01	58.84 4.11 0.01	49.21 3.48 0.00	44.92 3.52 0.00
ASTORIA_GT_10 24110	40.83 2.20 0.00	37.40 2.08 0.00	35.14 1.96 0.00	34.11 1.90 0.00	34.51 1.80 0.00	35.96 1.61 0.00	38.53 1.73 0.00	41.19 2.18 0.00	41.23 2.66 0.00	40.07 2.66 0.00	41.93 3.14 -0.01	44.11 3.49 -0.03	50.85 3.87 -3.94	58.98 3.90 -10.72	59.52 4.28 -7.74	59.78 4.49 -4.31	65.16 5.25 -4.06	72.81 6.32 0.00	73.31 5.56 0.01	73.25 5.11 0.02	66.38 4.28 0.01	58.79 4.05 0.01	49.03 3.29 0.00	44.58 3.19 0.00
ASTORIA_GT_11 24225	40.83 2.20 0.00	37.40 2.08 0.00	35.14 1.96 0.00	34.11 1.90 0.00	34.51 1.80 0.00	35.96 1.61 0.00	38.53 1.73 0.00	41.19 2.18 0.00	41.23 2.66 0.00	40.07 2.66 0.00	41.93 3.14 -0.01	44.11 3.49 -0.03	50.85 3.87 -3.94	58.98 3.90 -10.72	59.52 4.28 -7.74	59.78 4.49 -4.31	65.16 5.25 -4.06	72.81 6.32 0.00	73.31 5.56 0.01	73.25 5.11 0.02	66.38 4.28 0.01	58.79 4.05 0.01	49.03 3.29 0.00	44.58 3.19 0.00
ASTORIA_GT_12 24226	40.83 2.20 0.00	37.40 2.08 0.00	35.14 1.96 0.00	34.11 1.90 0.00	34.51 1.80 0.00	35.96 1.61 0.00	38.53 1.73 0.00	41.19 2.18 0.00	41.23 2.66 0.00	40.07 2.66 0.00	41.93 3.14 -0.01	44.11 3.49 -0.03	50.85 3.87 -3.94	58.98 3.90 -10.72	59.52 4.28 -7.74	59.78 4.49 -4.31	65.16 5.25 -4.06	72.81 6.32 0.00	73.31 5.56 0.01	73.25 5.11 0.02	66.38 4.28 0.01	58.79 4.05 0.01	49.03 3.29 0.00	44.58 3.19 0.00
ASTORIA_GT_13 24227	40.83 2.20 0.00	37.40 2.08 0.00	35.14 1.96 0.00	34.11 1.90 0.00	34.51 1.80 0.00	35.96 1.61 0.00	38.53 1.73 0.00	41.19 2.18 0.00	41.23 2.66 0.00	40.07 2.66 0.00	41.93 3.14 -0.01	44.11 3.49 -0.03	50.85 3.87 -3.94	58.98 3.90 -10.72	59.52 4.28 -7.74	59.78 4.49 -4.31	65.16 5.25 -4.06	72.81 6.32 0.00	73.31 5.56 0.01	73.25 5.11 0.02	66.38 4.28 0.01	58.79 4.05 0.01	49.03 3.29 0.00	44.58 3.19 0.00
ASTORIA_GT_5 24106	40.99 2.36 0.00	37.47 2.15 0.00	35.41 2.22 -0.01	34.37 2.16 0.00	34.73 2.03 0.00	36.03 1.68 0.00	38.45 1.66 0.00	41.15 2.15 0.00	41.23 2.66 0.00	40.07 2.66 0.00	42.00 3.22 -0.01	44.23 3.61 -0.03	50.98 4.00 -3.94	59.15 4.08 -10.72	59.71 4.47 -7.74	59.98 4.69 -4.31	65.32 5.42 -4.05	72.87 6.38 0.00	73.38 5.62 0.01	73.32 5.18 0.02	66.38 4.28 0.01	58.84 4.11 0.01	49.21 3.48 0.00	44.92 3.52 0.00
ASTORIA_GT_7 24107	40.99 2.36 0.00	37.47 2.15 0.00	35.41 2.22 -0.01	34.37 2.16 0.00	34.73 2.03 0.00	36.03 1.68 0.00	38.45 1.66 0.00	41.15 2.15 0.00	41.23 2.66 0.00	40.07 2.66 0.00	42.00 3.22 -0.01	44.23 3.61 -0.03	50.98 4.00 -3.94	59.15 4.08 -10.72	59.71 4.47 -7.74	59.98 4.69 -4.31	65.32 5.42 -4.05	72.87 6.38 0.00	73.38 5.62 0.01	73.32 5.18 0.02	66.38 4.28 0.01	58.84 4.11 0.01	49.21 3.48 0.00	44.92 3.52 0.00
ASTORIA_GT_8 24108	40.99 2.36 0.00	37.47 2.15 0.00	35.41 2.22 -0.01	34.37 2.16 0.00	34.73 2.03 0.00	36.03 1.68 0.00	38.45 1.66 0.00	41.15 2.15 0.00	41.23 2.66 0.00	40.07 2.66 0.00	42.00 3.22 -0.01	44.23 3.61 -0.03	50.98 4.00 -3.94	59.15 4.08 -10.72	59.71 4.47 -7.74	59.98 4.69 -4.31	65.32 5.42 -4.05	72.87 6.38 0.00	73.38 5.62 0.01	73.32 5.18 0.02	66.38 4.28 0.01	58.84 4.11 0.01	49.21 3.48 0.00	44.92 3.52 0.00
ASTORIA___2 24149	40.91 2.28 0.00	37.40 2.08 0.00	35.38 2.19 -0.01	34.27 2.06 0.00	34.70 2.00 0.00	35.96 1.61 0.00	38.37 1.58 0.01	41.07 2.07 0.01	41.15 2.58 0.01	39.98 2.58 0.01	41.89 3.10 -0.01	44.14 3.53 -0.02	50.85 3.87 -3.94	59.06 3.99 -10.71	59.60 4.37 -7.73	59.82 4.54 -4.30	65.10 5.20 -4.05	72.68 6.18 0.00	73.10 5.35 0.01	73.11 4.97 0.02	66.25 4.16 0.01	58.79 4.05 0.01	49.12 3.38 0.00	44.83 3.43 0.00
ASTORIA___3 23516	40.83 2.20 0.00	37.36 2.05 0.00	35.14 1.96 0.00	34.04 1.83 0.00	34.50 1.80 0.00	35.96 1.61 0.00	38.49 1.69 0.00	41.19 2.18 0.00	41.23 2.66 0.00	40.07 2.66 0.00	41.85 3.06 -0.01	44.11 3.49 -0.03	50.81 3.83 -3.94	59.02 3.95 -10.72	59.52 4.28 -7.74	59.78 4.49 -4.31	65.04 5.14 -4.06	72.74 6.25 0.00	73.24 5.49 0.01	73.25 5.11 0.02	66.37 4.28 0.01	58.84 4.11 0.01	49.03 3.29 0.00	44.58 3.19 0.00
ASTORIA___4 23517	40.83 2.20 0.00	37.36 2.05 0.00	35.14 1.96 0.00	34.11 1.90 0.00	34.51 1.80 0.00	35.96 1.61 0.00	38.53 1.73 0.00	41.19 2.18 0.00	41.23 2.66 0.00	40.07 2.66 0.00	41.93 3.14 -0.01	44.11 3.49 -0.03	50.85 3.87 -3.94	58.98 3.90 -10.72	59.52 4.28 -7.74	59.78 4.49 -4.31	65.16 5.25 -4.06	72.81 6.32 0.00	73.31 5.56 0.01	73.25 5.11 0.02	66.38 4.28 0.01	58.79 4.05 0.01	49.03 3.29 0.00	44.58 3.19 0.00
ASTORIA___5 23518	40.83 2.20 0.00	37.36 2.05 0.00	35.14 1.96 0.00	34.04 1.83 0.00	34.50 1.80 0.00	35.96 1.61 0.00	38.49 1.69 0.00	41.19 2.18 0.00	41.23 2.66 0.00	40.07 2.66 0.00	41.85 3.06 -0.01	44.11 3.49 -0.03	50.81 3.83 -3.94	59.02 3.95 -10.72	59.52 4.28 -7.74	59.78 4.49 -4.31	65.04 5.14 -4.06	72.74 6.25 0.00	73.24 5.49 0.01	73.25 5.11 0.02	66.37 4.28 0.01	58.84 4.11 0.01	49.03 3.29 0.00	44.58 3.19 0.00
AST_ENERGY_2_CC3 323677	40.83 2.20 0.00	37.36 2.05 0.00	35.04 1.86 0.00	33.98 1.77 0.00	34.44 1.73 0.00	35.99 1.65 0.00	38.56 1.77 0.00	41.27 2.26 0.00	41.27 2.70 0.00	40.07 2.66 0.00	41.81 3.03 -0.01	44.11 3.49 -0.03	50.80 3.83 -3.93	59.03 3.99 -10.68	59.54 4.32 -7.71	59.81 4.54 -4.29	65.20 5.31 -4.04	73.08 6.58 0.00	73.58 5.83 0.01	73.73 5.59 0.01	66.76 4.66 0.00	58.89 4.16 0.01	49.03 3.29 0.00	44.50 3.11 0.00
AST_ENERGY_2_CC4 323678	40.83 2.20 0.00	37.36 2.05 0.00	35.04 1.86 0.00	33.98 1.77 0.00	34.44 1.73 0.00	35.99 1.65 0.00	38.56 1.77 0.00	41.27 2.26 0.00	41.27 2.70 0.00	40.07 2.66 0.00	41.81 3.03 -0.01	44.11 3.49 -0.03	50.80 3.83 -3.93	59.03 3.99 -10.68	59.54 4.32 -7.71	59.81 4.54 -4.29	65.20 5.31 -4.04	73.08 6.58 0.00	73.58 5.83 0.01	73.73 5.59 0.01	66.76 4.66 0.00	58.89 4.16 0.01	49.03 3.29 0.00	44.50 3.11 0.00

ATHENS_STG_1 23668	39.60 0.97 0.00	36.27 0.95 0.00	34.04 0.86 0.00	33.01 0.81 0.00	33.49 0.78 0.00	35.10 0.75 0.00	37.53 0.74 0.00	39.87 0.86 0.00	39.57 1.00 0.00	38.35 0.94 0.00	39.83 1.05 0.00	41.85 1.26 0.00	44.41 1.38 0.00	45.73 1.38 0.00	48.89 1.38 0.00	52.30 1.32 0.00	57.47 1.62 0.00	68.48 1.99 0.00	69.51 1.76 0.01	69.85 1.70 0.01	63.53 1.43 0.00	56.10 1.37 0.01	46.83 1.10 0.00	42.60 1.20 0.00
ATHENS_STG_2 23670	39.60 0.97 0.00	36.27 0.95 0.00	34.04 0.86 0.00	33.01 0.81 0.00	33.49 0.78 0.00	35.10 0.75 0.00	37.53 0.74 0.00	39.87 0.86 0.00	39.57 1.00 0.00	38.35 0.94 0.00	39.83 1.05 0.00	41.85 1.26 0.00	44.41 1.38 0.00	45.73 1.38 0.00	48.89 1.38 0.00	52.30 1.32 0.00	57.47 1.62 0.00	68.48 1.99 0.00	69.51 1.76 0.01	69.85 1.70 0.01	63.53 1.43 0.00	56.10 1.37 0.01	46.83 1.10 0.00	42.60 1.20 0.00
ATHENS_STG_3 23677	39.60 0.97 0.00	36.27 0.95 0.00	34.04 0.86 0.00	33.01 0.81 0.00	33.49 0.78 0.00	35.10 0.75 0.00	37.53 0.74 0.00	39.87 0.86 0.00	39.57 1.00 0.00	38.35 0.94 0.00	39.83 1.05 0.00	41.85 1.26 0.00	44.41 1.38 0.00	45.73 1.38 0.00	48.89 1.38 0.00	52.30 1.32 0.00	57.47 1.62 0.00	68.48 1.99 0.00	69.51 1.76 0.01	69.85 1.70 0.01	63.53 1.43 0.00	56.10 1.37 0.01	46.83 1.10 0.00	42.60 1.20 0.00
AUBURN____LFGE 323710	38.40 -0.23 0.00	35.10 -0.21 0.00	32.95 -0.23 0.00	31.95 -0.26 0.00	32.51 -0.20 0.00	34.17 -0.17 0.00	36.58 -0.22 0.00	38.74 -0.27 0.00	38.19 -0.39 0.00	37.15 -0.26 0.00	38.47 -0.31 0.00	40.57 -0.41 -0.39	43.61 -0.43 -1.01	45.05 -0.40 -1.09	48.45 -0.38 -1.32	50.90 -0.31 -0.23	55.46 -0.39 0.00	65.85 -0.66 -0.03	67.35 -0.41 0.00	67.88 -0.27 0.00	62.10 0.00 0.00	54.63 -0.11 0.00	45.51 -0.23 0.00	41.15 -0.25 0.00
BABYLON_RES_REC 323704	41.76 3.13 0.00	38.21 2.90 0.00	35.90 2.72 0.00	34.72 2.51 0.00	35.19 2.48 0.00	36.82 2.47 0.00	39.23 2.43 0.00	41.94 2.93 0.00	42.28 3.70 -0.01	41.01 3.59 -0.01	43.60 3.84 -0.98	45.27 4.30 -0.38	47.70 4.65 -0.02	52.23 4.84 -3.04	57.31 5.13 -4.67	65.08 5.30 -8.79	64.88 6.14 -2.88	76.44 7.84 -2.11	76.54 7.25 -1.53	83.82 6.88 -8.78	68.17 5.84 -0.24	60.29 5.31 -0.24	50.23 4.48 -0.01	45.50 4.10 -0.01
BALL_HILL_WT_PWR 323825	35.66 -2.97 0.00	32.31 -3.00 0.00	30.33 -2.85 0.00	29.54 -2.67 0.00	29.76 -2.94 0.00	31.19 -3.16 0.00	33.08 -3.72 0.00	34.82 -4.17 0.01	34.52 -4.05 0.00	33.78 -3.63 0.00	34.90 -3.88 0.00	36.61 -3.98 0.00	38.49 -4.43 0.11	39.74 -4.57 0.05	42.41 -4.23 0.87	42.63 -4.89 3.46	45.58 -5.31 4.96	52.32 -5.45 8.72	56.64 -6.37 4.75	58.14 -6.61 3.40	53.81 -5.47 2.83	47.01 -5.36 2.37	40.34 -4.35 1.06	36.18 -4.39 0.83
BARON_WINDS____WT_PWR 323822	37.39 -1.24 0.00	34.04 -1.27 0.00	31.95 -1.23 0.00	31.05 -1.16 0.00	31.43 -1.28 0.00	33.01 -1.34 0.00	35.14 -1.66 0.00	36.95 -1.99 0.07	36.49 -2.08 0.00	35.65 -1.76 0.00	36.80 -1.98 0.00	38.58 -2.11 -0.10	40.48 -2.37 0.19	42.18 -2.44 -0.26	42.72 -2.18 2.60	37.89 -2.45 10.65	38.19 -2.68 14.98	32.38 -2.86 31.25	53.79 -3.39 10.59	62.73 -3.20 2.22	57.83 -2.36 1.91	50.73 -2.46 1.55	42.92 -2.10 0.71	38.66 -2.20 0.54
BARRETT_IC_1 23704	41.37 2.74 0.00	37.86 2.54 0.00	35.54 2.36 0.00	34.40 2.19 0.00	34.86 2.16 0.00	36.44 2.10 0.00	38.90 2.10 0.00	41.58 2.57 0.00	41.82 3.24 -0.01	40.56 3.14 -0.01	43.13 3.37 -0.98	44.78 3.81 -0.38	47.27 4.22 -0.02	65.37 4.35 -16.66	110.74 4.80 -58.44	165.92 5.00 -109.94	97.67 5.70 -36.12	100.15 7.25 -26.41	93.76 6.71 -19.29	184.56 6.48 -109.93	70.66 5.52 -3.04	62.85 4.98 -3.12	49.68 3.93 -0.01	45.09 3.68 -0.01
BARRETT_IC_10 23701	41.37 2.74 0.00	37.86 2.54 0.00	35.54 2.36 0.00	34.40 2.19 0.00	34.86 2.16 0.00	36.44 2.10 0.00	38.90 2.10 0.00	41.58 2.57 0.00	41.82 3.24 -0.01	40.56 3.14 -0.01	43.13 3.37 -0.98	44.78 3.81 -0.38	47.27 4.22 -0.02	65.37 4.35 -16.66	110.74 4.80 -58.44	165.92 5.00 -109.94	97.67 5.70 -36.12	100.15 7.25 -26.41	93.76 6.71 -19.29	184.56 6.48 -109.93	70.66 5.52 -3.04	62.85 4.98 -3.12	49.68 3.93 -0.01	45.09 3.68 -0.01
BARRETT_IC_11 23702	41.37 2.74 0.00	37.86 2.54 0.00	35.54 2.36 0.00	34.40 2.19 0.00	34.86 2.16 0.00	36.44 2.10 0.00	38.90 2.10 0.00	41.58 2.57 0.00	41.82 3.24 -0.01	40.56 3.14 -0.01	43.13 3.37 -0.98	44.78 3.81 -0.38	47.27 4.22 -0.02	65.37 4.35 -16.66	110.74 4.80 -58.44	165.92 5.00 -109.94	97.67 5.70 -36.12	100.15 7.25 -26.41	93.76 6.71 -19.29	184.56 6.48 -109.93	70.66 5.52 -3.04	62.85 4.98 -3.12	49.68 3.93 -0.01	45.09 3.68 -0.01
BARRETT_IC_12 23703	41.37 2.74 0.00	37.86 2.54 0.00	35.54 2.36 0.00	34.40 2.19 0.00	34.86 2.16 0.00	36.44 2.10 0.00	38.90 2.10 0.00	41.58 2.57 0.00	41.82 3.24 -0.01	40.56 3.14 -0.01	43.13 3.37 -0.98	44.78 3.81 -0.38	47.27 4.22 -0.02	65.37 4.35 -16.66	110.74 4.80 -58.44	165.92 5.00 -109.94	97.67 5.70 -36.12	100.15 7.25 -26.41	93.76 6.71 -19.29	184.56 6.48 -109.93	70.66 5.52 -3.04	62.85 4.98 -3.12	49.68 3.93 -0.01	45.09 3.68 -0.01
BARRETT_IC_2 23705	41.37 2.74 0.00	37.86 2.54 0.00	35.54 2.36 0.00	34.40 2.19 0.00	34.86 2.16 0.00	36.44 2.10 0.00	38.90 2.10 0.00	41.58 2.57 0.00	41.82 3.24 -0.01	40.56 3.14 -0.01	43.13 3.37 -0.98	44.78 3.81 -0.38	47.27 4.22 -0.02	65.37 4.35 -16.66	110.74 4.80 -58.44	165.92 5.00 -109.94	97.67 5.70 -36.12	100.15 7.25 -26.41	93.76 6.71 -19.29	184.56 6.48 -109.93	70.66 5.52 -3.04	62.85 4.98 -3.12	49.68 3.93 -0.01	45.09 3.68 -0.01
BARRETT_IC_3 23706	41.37 2.74 0.00	37.86 2.54 0.00	35.54 2.36 0.00	34.40 2.19 0.00	34.86 2.16 0.00	36.44 2.10 0.00	38.90 2.10 0.00	41.58 2.57 0.00	41.82 3.24 -0.01	40.56 3.14 -0.01	43.13 3.37 -0.98	44.78 3.81 -0.38	47.27 4.22 -0.02	65.37 4.35 -16.66	110.74 4.80 -58.44	165.92 5.00 -109.94	97.67 5.70 -36.12	100.15 7.25 -26.41	93.76 6.71 -19.29	184.56 6.48 -109.93	70.66 5.52 -3.04	62.85 4.98 -3.12	49.68 3.93 -0.01	45.09 3.68 -0.01
BARRETT_IC_4 23707	41.37 2.74 0.00	37.86 2.54 0.00	35.54 2.36 0.00	34.40 2.19 0.00	34.86 2.16 0.00	36.44 2.10 0.00	38.90 2.10 0.00	41.58 2.57 0.00	41.82 3.24 -0.01	40.56 3.14 -0.01	43.13 3.37 -0.98	44.78 3.81 -0.38	47.27 4.22 -0.02	65.37 4.35 -16.66	110.74 4.80 -58.44	165.92 5.00 -109.94	97.67 5.70 -36.12	100.15 7.25 -26.41	93.76 6.71 -19.29	184.56 6.48 -109.93	70.66 5.52 -3.04	62.85 4.98 -3.12	49.68 3.93 -0.01	45.09 3.68 -0.01
BARRETT_IC_5 23708	41.37 2.74 0.00	37.86 2.54 0.00	35.54 2.36 0.00	34.40 2.19 0.00	34.86 2.16 0.00	36.44 2.10 0.00	38.90 2.10 0.00	41.58 2.57 0.00	41.82 3.24 -0.01	40.56 3.14 -0.01	43.13 3.37 -0.98	44.78 3.81 -0.38	47.27 4.22 -0.02	65.37 4.35 -16.66	110.74 4.80 -58.44	165.92 5.00 -109.94	97.67 5.70 -36.12	100.15 7.25 -26.41	93.76 6.71 -19.29	184.56 6.48 -109.93	70.66 5.52 -3.04	62.85 4.98 -3.12	49.68 3.93 -0.01	45.09 3.68 -0.01

BARRETT_IC_6 23709	41.37 2.74 0.00	37.86 2.54 0.00	35.54 2.36 0.00	34.40 2.19 0.00	34.86 2.16 0.00	36.44 2.10 0.00	38.90 2.10 0.00	41.58 2.57 0.00	41.82 3.24 -0.01	40.56 3.14 -0.01	43.13 3.37 -0.98	44.78 3.81 -0.38	47.27 4.22 -0.02	65.37 4.35 -16.66	110.74 4.80 -58.44	165.92 5.00 -109.94	97.67 5.70 -36.12	100.15 7.25 -26.41	93.76 6.71 -19.29	184.56 6.48 -109.93	70.66 5.52 -3.04	62.85 4.98 -3.12	49.68 3.93 -0.01	45.09 3.68 -0.01
BARRETT_IC_7 23710	41.37 2.74 0.00	37.96 2.65 0.00	35.54 2.36 0.00	34.46 2.25 0.00	34.86 2.16 0.00	36.44 2.10 0.00	38.90 2.10 0.00	41.58 2.57 0.00	41.81 3.24 0.00	40.55 3.14 0.00	43.21 3.45 -0.98	44.78 3.82 -0.38	47.27 4.22 -0.02	65.27 4.26 -16.66	110.75 4.80 -58.44	165.97 5.05 -109.94	97.83 5.86 -36.12	100.21 7.31 -26.41	93.83 6.78 -19.29	184.56 6.47 -109.93	70.66 5.53 -3.04	62.68 4.82 -3.12	49.67 3.93 0.00	45.08 3.68 0.00
BARRETT_IC_8 23711	41.37 2.74 0.00	37.86 2.54 0.00	35.54 2.36 0.00	34.40 2.19 0.00	34.86 2.16 0.00	36.44 2.10 0.00	38.90 2.10 0.00	41.58 2.57 0.00	41.82 3.24 -0.01	40.56 3.14 -0.01	43.13 3.37 -0.98	44.78 3.81 -0.38	47.27 4.22 -0.02	65.37 4.35 -16.66	110.74 4.80 -58.44	165.92 5.00 -109.94	97.67 5.70 -36.12	100.15 7.25 -26.41	93.76 6.71 -19.29	184.56 6.48 -109.93	70.66 5.52 -3.04	62.85 4.98 -3.12	49.68 3.93 -0.01	45.09 3.68 -0.01
BARRETT_IC_9 23700	41.37 2.74 0.00	37.86 2.54 0.00	35.54 2.36 0.00	34.40 2.19 0.00	34.86 2.16 0.00	36.44 2.10 0.00	38.90 2.10 0.00	41.58 2.57 0.00	41.82 3.24 -0.01	40.56 3.14 -0.01	43.13 3.37 -0.98	44.78 3.81 -0.38	47.27 4.22 -0.02	65.37 4.35 -16.66	110.74 4.80 -58.44	165.92 5.00 -109.94	97.67 5.70 -36.12	100.15 7.25 -26.41	93.76 6.71 -19.29	184.56 6.48 -109.93	70.66 5.52 -3.04	62.85 4.98 -3.12	49.68 3.93 -0.01	45.09 3.68 -0.01
BARRETT___1 23545	41.37 2.74 0.00	37.86 2.54 0.00	35.54 2.36 0.00	34.40 2.19 0.00	34.86 2.16 0.00	36.44 2.10 0.00	38.90 2.10 0.00	41.58 2.57 0.00	41.82 3.24 -0.01	40.56 3.14 -0.01	43.13 3.37 -0.98	44.78 3.81 -0.38	47.27 4.22 -0.02	65.37 4.35 -16.66	110.74 4.80 -58.44	165.92 5.00 -109.94	97.67 5.70 -36.12	100.15 7.25 -26.41	93.76 6.71 -19.29	184.56 6.48 -109.93	70.66 5.52 -3.04	62.85 4.98 -3.12	49.68 3.93 -0.01	45.09 3.68 -0.01
BARRETT___2 23546	41.37 2.74 0.00	37.86 2.54 0.00	35.54 2.36 0.00	34.40 2.19 0.00	34.86 2.16 0.00	36.44 2.10 0.00	38.90 2.10 0.00	41.58 2.57 0.00	41.82 3.24 -0.01	40.56 3.14 -0.01	43.13 3.37 -0.98	44.78 3.81 -0.38	47.27 4.22 -0.02	65.37 4.35 -16.66	110.74 4.80 -58.44	165.92 5.00 -109.94	97.67 5.70 -36.12	100.15 7.25 -26.41	93.76 6.71 -19.29	184.56 6.48 -109.93	70.66 5.52 -3.04	62.85 4.98 -3.12	49.68 3.93 -0.01	45.09 3.68 -0.01
BATAVIA___115KV_TB1 55881	36.23 -2.40 0.00	32.84 -2.47 0.00	30.86 -2.32 0.00	29.86 -2.35 0.00	30.48 -2.22 0.00	31.98 -2.37 0.00	33.85 -2.94 0.00	35.76 -3.24 0.01	35.41 -3.16 0.00	34.64 -2.77 0.00	35.95 -2.83 0.00	37.34 -3.25 0.00	39.22 -3.74 0.07	41.03 -3.28 0.05	43.15 -3.71 0.66	44.64 -3.62 2.73	47.94 -3.97 3.95	54.91 -5.05 6.52	58.74 -4.88 4.14	59.48 -5.18 3.49	55.35 -3.66 3.08	48.69 -3.61 2.44	41.75 -2.84 1.15	37.53 -3.02 0.85
BAYONEEC___CTG1 323682	40.83 2.20 0.00	37.40 2.08 0.00	35.07 1.89 0.00	34.01 1.80 0.00	34.44 1.73 0.00	35.99 1.65 0.00	38.60 1.80 0.00	41.31 2.30 0.00	41.35 2.78 0.00	40.14 2.73 0.00	41.89 3.10 -0.01	44.14 3.53 -0.03	50.85 3.92 -3.90	59.03 4.08 -10.60	59.57 4.42 -7.65	59.88 4.64 -4.26	65.28 5.42 -4.01	73.14 6.65 0.00	73.72 5.96 0.01	73.80 5.65 0.01	66.88 4.78 0.00	59.01 4.27 0.01	49.07 3.34 0.00	44.54 3.14 0.00
BAYONEEC___CTG10 323750	40.83 2.20 0.00	37.40 2.08 0.00	35.07 1.89 0.00	34.01 1.80 0.00	34.44 1.73 0.00	35.99 1.65 0.00	38.60 1.80 0.00	41.31 2.30 0.00	41.35 2.78 0.00	40.14 2.73 0.00	41.89 3.10 -0.01	44.14 3.53 -0.03	50.85 3.92 -3.90	59.03 4.08 -10.60	59.57 4.42 -7.65	59.88 4.64 -4.26	65.28 5.42 -4.01	73.14 6.65 0.00	73.72 5.96 0.01	73.80 5.65 0.01	66.88 4.78 0.00	59.01 4.27 0.01	49.07 3.34 0.00	44.54 3.14 0.00
BAYONEEC___CTG2 323683	40.83 2.20 0.00	37.40 2.08 0.00	35.07 1.89 0.00	34.01 1.80 0.00	34.44 1.73 0.00	35.99 1.65 0.00	38.60 1.80 0.00	41.31 2.30 0.00	41.35 2.78 0.00	40.14 2.73 0.00	41.89 3.10 -0.01	44.14 3.53 -0.03	50.85 3.92 -3.90	59.03 4.08 -10.60	59.57 4.42 -7.65	59.88 4.64 -4.26	65.28 5.42 -4.01	73.14 6.65 0.00	73.72 5.96 0.01	73.80 5.65 0.01	66.88 4.78 0.00	59.01 4.27 0.01	49.07 3.34 0.00	44.54 3.14 0.00
BAYONEEC___CTG3 323684	40.83 2.20 0.00	37.40 2.08 0.00	35.07 1.89 0.00	34.01 1.80 0.00	34.44 1.73 0.00	35.99 1.65 0.00	38.60 1.80 0.00	41.31 2.30 0.00	41.35 2.78 0.00	40.14 2.73 0.00	41.89 3.10 -0.01	44.14 3.53 -0.03	50.85 3.92 -3.90	59.03 4.08 -10.60	59.57 4.42 -7.65	59.88 4.64 -4.26	65.28 5.42 -4.01	73.14 6.65 0.00	73.72 5.96 0.01	73.80 5.65 0.01	66.88 4.78 0.00	59.01 4.27 0.01	49.07 3.34 0.00	44.54 3.14 0.00
BAYONEEC___CTG4 323685	40.83 2.20 0.00	37.40 2.08 0.00	35.07 1.89 0.00	34.01 1.80 0.00	34.44 1.73 0.00	35.99 1.65 0.00	38.60 1.80 0.00	41.31 2.30 0.00	41.35 2.78 0.00	40.14 2.73 0.00	41.89 3.10 -0.01	44.14 3.53 -0.03	50.85 3.92 -3.90	59.03 4.08 -10.60	59.57 4.42 -7.65	59.88 4.64 -4.26	65.28 5.42 -4.01	73.14 6.65 0.00	73.72 5.96 0.01	73.80 5.65 0.01	66.88 4.78 0.00	59.01 4.27 0.01	49.07 3.34 0.00	44.54 3.14 0.00
BAYONEEC___CTG5 323686	40.83 2.20 0.00	37.40 2.08 0.00	35.07 1.89 0.00	34.01 1.80 0.00	34.44 1.73 0.00	35.99 1.65 0.00	38.60 1.80 0.00	41.31 2.30 0.00	41.35 2.78 0.00	40.14 2.73 0.00	41.89 3.10 -0.01	44.14 3.53 -0.03	50.85 3.92 -3.90	59.03 4.08 -10.60	59.57 4.42 -7.65	59.88 4.64 -4.26	65.28 5.42 -4.01	73.14 6.65 0.00	73.72 5.96 0.01	73.80 5.65 0.01	66.88 4.78 0.00	59.01 4.27 0.01	49.07 3.34 0.00	44.54 3.14 0.00
BAYONEEC___CTG6 323687	40.83 2.20 0.00	37.40 2.08 0.00	35.07 1.89 0.00	34.01 1.80 0.00	34.44 1.73 0.00	35.99 1.65 0.00	38.60 1.80 0.00	41.31 2.30 0.00	41.35 2.78 0.00	40.14 2.73 0.00	41.89 3.10 -0.01	44.14 3.53 -0.03	50.85 3.92 -3.90	59.03 4.08 -10.60	59.57 4.42 -7.65	59.88 4.64 -4.26	65.28 5.42 -4.01	73.14 6.65 0.00	73.72 5.96 0.01	73.80 5.65 0.01	66.88 4.78 0.00	59.01 4.27 0.01	49.07 3.34 0.00	44.54 3.14 0.00
BAYONEEC___CTG7 323688	40.83 2.20 0.00	37.40 2.08 0.00	35.07 1.89 0.00	34.01 1.80 0.00	34.44 1.73 0.00	35.99 1.65 0.00	38.60 1.80 0.00	41.31 2.30 0.00	41.35 2.78 0.00	40.14 2.73 0.00	41.89 3.10 -0.01	44.14 3.53 -0.03	50.85 3.92 -3.90	59.03 4.08 -10.60	59.57 4.42 -7.65	59.88 4.64 -4.26	65.28 5.42 -4.01	73.14 6.65 0.00	73.72 5.96 0.01	73.80 5.65 0.01	66.88 4.78 0.00	59.01 4.27 0.01	49.07 3.34 0.00	44.54 3.14 0.00

BAYONEEC___CTG8 323689	40.83 2.20 0.00	37.40 2.08 0.00	35.07 1.89 0.00	34.01 1.80 0.00	34.44 1.73 0.00	35.99 1.65 0.00	38.60 1.80 0.00	41.31 2.30 0.00	41.35 2.78 0.00	40.14 2.73 0.00	41.89 3.10 -0.01	44.14 3.53 -0.03	50.85 3.92 -3.90	59.03 4.08 -10.60	59.57 4.42 -7.65	59.88 4.64 -4.26	65.28 5.42 -4.01	73.14 6.65 0.00	73.72 5.96 0.01	73.80 5.65 0.01	66.88 4.78 0.00	59.01 4.27 0.01	49.07 3.34 0.00	44.54 3.14 0.00
BAYONEEC___CTG9 323749	40.83 2.20 0.00	37.40 2.08 0.00	35.07 1.89 0.00	34.01 1.80 0.00	34.44 1.73 0.00	35.99 1.65 0.00	38.60 1.80 0.00	41.31 2.30 0.00	41.35 2.78 0.00	40.14 2.73 0.00	41.89 3.10 -0.01	44.14 3.53 -0.03	50.85 3.92 -3.90	59.03 4.08 -10.60	59.57 4.42 -7.65	59.88 4.64 -4.26	65.28 5.42 -4.01	73.14 6.65 0.00	73.72 5.96 0.01	73.80 5.65 0.01	66.88 4.78 0.00	59.01 4.27 0.01	49.07 3.34 0.00	44.54 3.14 0.00
BAYPORT_69_KV_BK 2 356364	42.18 3.55 0.00	38.88 3.57 0.00	36.47 3.28 0.00	35.33 3.12 0.00	35.68 2.98 0.00	37.30 2.95 0.00	39.74 2.94 0.00	42.36 3.35 0.00	42.81 4.24 0.00	41.56 4.15 0.00	44.22 4.46 -0.98	45.72 4.75 -0.38	48.22 5.16 -0.02	52.10 5.23 -2.51	55.69 5.61 -2.58	61.59 5.76 -4.85	64.36 6.93 -1.59	76.23 8.58 -1.16	76.59 8.00 -0.84	80.35 7.36 -4.84	68.37 6.15 -0.13	60.39 5.53 -0.12	50.68 4.94 0.00	45.91 4.51 0.00
BEACON___LESR 323632	39.48 0.85 0.00	36.16 0.85 0.00	33.94 0.76 0.00	32.89 0.68 0.00	33.39 0.69 0.00	35.07 0.72 0.00	37.39 0.59 0.00	39.59 0.59 0.00	39.07 0.50 0.00	37.75 0.34 0.00	39.13 0.35 0.00	41.03 0.45 0.00	43.56 0.52 0.00	44.98 0.62 0.00	48.08 0.57 0.00	51.64 0.66 0.00	56.63 0.78 0.00	67.42 0.93 0.00	68.78 1.02 0.00	69.18 1.02 0.00	62.97 0.87 0.00	55.73 0.99 0.00	46.56 0.82 0.00	42.35 0.95 0.00
BEAVER RIVER___HYD 24048	38.13 -0.50 0.00	34.96 -0.35 0.00	32.88 -0.30 0.00	32.08 -0.13 0.00	32.84 0.13 0.00	34.83 0.48 0.00	37.35 0.55 0.00	39.36 0.35 0.00	38.57 0.00 0.00	37.19 -0.22 0.00	38.55 -0.23 0.00	40.41 -0.41 -0.23	43.11 -0.51 -0.58	44.55 -0.44 -0.63	47.89 -0.38 -0.77	50.60 -0.51 -0.13	55.40 -0.45 0.00	66.04 -0.46 -0.01	67.56 -0.20 0.00	68.09 -0.07 0.00	61.73 -0.37 0.00	54.36 -0.38 0.00	45.56 -0.18 0.00	41.23 -0.16 0.00
BEEBEE_GT_13 23619	36.89 -1.74 0.00	33.58 -1.73 0.00	31.56 -1.63 0.00	30.53 -1.67 0.00	31.17 -1.54 0.00	32.70 -1.65 0.00	34.74 -2.06 0.00	36.86 -2.15 0.00	36.49 -2.08 0.00	35.65 -1.76 0.00	36.96 -1.82 0.00	38.52 -2.07 0.00	40.56 -2.45 0.03	42.31 -2.00 0.05	44.65 -2.47 0.39	47.01 -2.19 1.78	50.44 -2.79 2.62	58.90 -3.92 3.67	61.61 -2.91 3.24	61.52 -3.27 3.36	56.68 -2.17 3.25	50.21 -2.19 2.34	42.74 -1.78 1.21	38.63 -1.95 0.82
BENSHRST_27_KV_BENSHRST_1 355998	40.79 2.16 0.00	37.40 2.08 0.00	35.01 1.82 0.00	33.98 1.77 0.00	34.34 1.64 0.00	35.86 1.51 0.00	38.42 1.62 0.00	41.08 2.07 0.00	41.16 2.58 0.00	40.03 2.62 0.00	41.97 3.18 -0.01	44.27 3.65 -0.03	51.16 4.17 -3.94	59.33 4.26 -10.72	60.04 4.80 -7.74	60.44 5.15 -4.31	65.55 5.64 -4.06	73.21 6.72 0.00	73.65 5.89 0.01	73.52 5.38 0.02	66.62 4.53 0.01	59.28 4.54 0.01	49.31 3.57 0.00	44.79 3.39 0.00
BETHLEHEM___GRP 23843	38.98 0.35 0.00	35.74 0.42 0.00	33.55 0.36 0.00	32.53 0.32 0.00	33.00 0.29 0.00	34.62 0.27 0.00	36.98 0.18 0.00	39.13 0.12 0.00	38.69 0.12 0.00	37.41 0.00 0.00	38.78 0.00 0.00	40.71 0.12 0.00	43.17 0.13 0.00	44.45 0.09 0.00	47.60 0.10 0.00	50.98 0.00 0.00	55.91 0.06 0.00	66.56 0.07 0.00	67.83 0.07 0.00	68.22 0.07 0.00	62.10 0.00 0.00	54.91 0.16 0.00	45.97 0.23 0.00	41.81 0.41 0.00
BETHLEHEM___GS1 323560	38.98 0.35 0.00	35.74 0.43 0.00	33.55 0.37 0.00	32.50 0.29 0.00	33.00 0.29 0.00	34.62 0.27 0.00	36.98 0.18 0.00	39.13 0.12 0.00	38.69 0.12 0.00	37.41 0.00 0.00	38.78 0.00 0.00	40.67 0.08 0.00	43.12 0.09 0.00	44.49 0.13 0.00	47.55 0.05 0.00	50.98 0.00 0.00	55.91 0.06 0.00	66.49 0.00 0.00	67.76 0.00 0.00	68.15 0.00 0.00	62.10 0.00 0.00	54.91 0.16 0.00	45.97 0.23 0.00	41.81 0.41 0.00
BETHLEHEM___GS2 323561	38.98 0.35 0.00	35.74 0.43 0.00	33.55 0.37 0.00	32.50 0.29 0.00	33.00 0.29 0.00	34.62 0.27 0.00	36.98 0.18 0.00	39.13 0.12 0.00	38.69 0.12 0.00	37.41 0.00 0.00	38.78 0.00 0.00	40.67 0.08 0.00	43.12 0.09 0.00	44.49 0.13 0.00	47.55 0.05 0.00	50.98 0.00 0.00	55.91 0.06 0.00	66.49 0.00 0.00	67.76 0.00 0.00	68.15 0.00 0.00	62.10 0.00 0.00	54.91 0.16 0.00	45.97 0.23 0.00	41.81 0.41 0.00
BETHLEHEM___GS3 323562	38.98 0.35 0.00	35.74 0.43 0.00	33.55 0.37 0.00	32.50 0.29 0.00	33.00 0.29 0.00	34.62 0.27 0.00	36.98 0.18 0.00	39.13 0.12 0.00	38.69 0.12 0.00	37.41 0.00 0.00	38.78 0.00 0.00	40.67 0.08 0.00	43.12 0.09 0.00	44.49 0.13 0.00	47.55 0.05 0.00	50.98 0.00 0.00	55.91 0.06 0.00	66.49 0.00 0.00	67.76 0.00 0.00	68.15 0.00 0.00	62.10 0.00 0.00	54.91 0.16 0.00	45.97 0.23 0.00	41.81 0.41 0.00
BETHLEHEM___STEEL 23779	35.58 -3.05 0.00	32.17 -3.14 0.00	30.26 -2.92 0.00	29.28 -2.93 0.00	29.76 -2.94 0.00	31.19 -3.16 0.00	33.05 -3.75 0.00	34.78 -4.21 0.01	34.48 -4.09 0.00	33.78 -3.63 0.00	35.17 -3.61 0.00	36.57 -4.02 0.00	38.58 -4.35 0.11	39.92 -4.39 0.05	42.43 -4.23 0.84	42.56 -5.05 3.38	45.53 -5.47 4.85	52.38 -5.65 8.46	56.22 -6.84 4.69	57.70 -7.02 3.43	53.53 -5.71 2.86	46.87 -5.47 2.40	40.28 -4.39 1.07	36.14 -4.43 0.83
BETHLHEM_115KV_TB1 79974	39.05 0.42 0.00	35.77 0.46 0.00	33.61 0.43 0.00	32.60 0.39 0.00	33.07 0.36 0.00	34.69 0.34 0.00	37.06 0.26 0.00	39.20 0.20 0.00	38.76 0.19 0.00	37.52 0.11 0.00	38.89 0.12 0.00	40.79 0.20 0.00	43.25 0.22 0.00	44.58 0.22 0.00	47.74 0.24 0.00	51.13 0.15 0.00	56.08 0.22 0.00	66.76 0.27 0.00	68.03 0.27 0.00	68.36 0.20 0.00	62.22 0.12 0.00	55.02 0.27 0.00	46.06 0.32 0.00	41.90 0.50 0.00
BETHPAGE_CC_5 323564	41.68 3.05 0.00	38.14 2.83 0.00	35.80 2.62 0.00	34.63 2.42 0.00	35.09 2.39 0.00	36.71 2.37 0.00	39.16 2.36 0.00	41.85 2.85 0.00	42.17 3.59 -0.01	40.93 3.52 -0.01	43.52 3.76 -0.98	45.19 4.22 -0.38	47.66 4.61 -0.02	52.49 4.79 -3.34	58.50 5.13 -5.86	67.26 5.25 -11.03	65.50 6.03 -3.62	76.84 7.71 -2.64	76.73 7.05 -1.92	85.92 6.75 -11.02	68.11 5.71 -0.30	60.25 5.20 -0.30	50.04 4.30 -0.01	45.42 4.01 -0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	35.62 -3.01 0.00	32.21 -3.11 0.00	30.29 -2.89 0.00	29.28 -2.93 0.00	29.76 -2.94 0.00	31.19 -3.16 0.00	33.08 -3.72 0.00	34.78 -4.21 0.01	34.52 -4.05 0.00	33.82 -3.59 0.00	35.25 -3.53 0.00	36.61 -3.98 0.00	38.72 -4.22 0.10	39.92 -4.39 0.04	42.65 -4.04 0.82	42.71 -5.00 3.27	45.78 -5.36 4.71	53.15 -5.19 8.16	56.33 -6.84 4.58	57.80 -6.95 3.40	53.49 -5.78 2.83	46.89 -5.47 2.37	40.20 -4.48 1.06	36.06 -4.51 0.83

BINGHAMTON___COGEN 23790	38.71 0.08 0.00	35.39 0.07 0.00	33.21 0.03 0.00	32.21 0.00 0.00	32.71 0.00 0.00	34.35 0.00 0.00	36.76 -0.04 0.00	38.93 -0.08 0.00	38.49 -0.08 0.00	37.37 -0.04 0.00	38.78 0.00 0.00	40.74 -0.04 -0.19	43.57 0.04 -0.49	44.88 0.00 -0.52	48.36 0.24 -0.62	51.07 0.15 0.06	55.80 0.22 0.28	66.80 0.40 0.09	67.32 0.14 0.58	67.50 0.20 0.86	61.66 0.31 0.75	54.25 0.11 0.60	45.46 0.00 0.28	41.15 -0.04 0.21
BIXINCNT_115KV_LOAD 355685	35.62 -3.01 0.00	32.21 -3.11 0.00	30.26 -2.92 0.00	29.21 -3.00 0.00	29.57 -3.14 0.00	31.01 -3.33 0.00	33.05 -3.75 0.00	34.79 -4.21 0.01	34.44 -4.13 0.00	33.71 -3.70 0.00	35.17 -3.61 0.00	36.45 -4.14 0.00	38.57 -4.39 0.08	39.21 -5.10 0.04	42.90 -3.94 0.66	42.86 -5.40 2.72	46.51 -5.42 3.93	55.61 -4.32 6.56	56.76 -6.98 4.02	57.94 -6.95 3.26	53.42 -5.96 2.72	46.72 -5.75 2.27	39.74 -4.99 1.01	35.52 -5.09 0.79
BLACK RIVER___HYD 24047	38.90 0.27 0.00	35.63 0.32 0.00	33.48 0.30 0.00	32.63 0.42 0.00	33.36 0.65 0.00	35.31 0.96 0.00	37.87 1.07 0.00	39.83 0.82 0.00	39.00 0.43 0.00	37.60 0.19 0.00	38.93 0.16 0.00	40.87 -0.08 -0.37	43.81 -0.17 -0.94	45.33 -0.04 -1.02	48.83 0.10 -1.23	51.25 0.05 -0.21	56.13 0.28 0.00	66.78 0.27 -0.02	68.57 0.82 0.00	69.31 1.16 0.00	63.03 0.93 0.00	55.57 0.82 0.00	46.38 0.64 0.00	42.02 0.62 0.00
BLACKRVR_115KV_TB2 79977	38.90 0.27 0.00	35.63 0.32 0.00	33.48 0.30 0.00	32.63 0.42 0.00	33.36 0.65 0.00	35.31 0.96 0.00	37.87 1.07 0.00	39.83 0.82 0.00	39.00 0.42 0.00	37.60 0.19 0.00	38.93 0.16 0.00	40.87 -0.08 -0.37	43.80 -0.17 -0.94	45.38 0.00 -1.02	48.83 0.10 -1.23	51.25 0.05 -0.21	56.13 0.28 0.00	66.78 0.27 -0.02	68.57 0.81 0.00	69.31 1.16 0.00	63.03 0.93 0.00	55.56 0.82 0.00	46.38 0.64 0.00	42.02 0.62 0.00
BLISS_WT_PWR 323608	35.58 -3.05 0.00	32.24 -3.07 0.00	30.23 -2.95 0.00	29.34 -2.87 0.00	29.50 -3.20 0.00	30.94 -3.40 0.00	33.01 -3.79 0.00	34.75 -4.25 0.01	34.40 -4.17 0.00	33.67 -3.74 0.00	34.86 -3.92 0.00	36.41 -4.18 0.00	38.09 -4.86 0.08	39.03 -5.28 0.04	42.62 -4.23 0.66	42.81 -5.45 2.72	46.40 -5.53 3.93	55.34 -4.59 6.56	56.90 -6.84 4.02	57.94 -6.95 3.26	53.36 -6.02 2.72	46.61 -5.86 2.27	39.64 -5.08 1.01	35.39 -5.22 0.79
BLUESTONE___WT_PWR 323821	40.02 1.39 0.00	36.58 1.27 0.00	34.31 1.13 0.00	33.34 1.13 0.00	33.85 1.14 0.00	35.62 1.27 0.00	38.01 1.21 0.00	40.14 1.13 0.00	39.50 0.92 0.00	38.27 0.86 0.00	39.71 0.93 0.00	41.72 0.97 -0.16	44.50 1.03 -0.43	46.00 1.20 -0.45	49.57 1.52 -0.55	52.35 1.38 0.00	57.41 1.73 0.17	68.88 2.33 -0.06	69.83 2.51 0.44	69.89 2.45 0.71	63.77 2.30 0.63	56.11 1.86 0.50	46.78 1.28 0.23	42.30 1.07 0.17
BLUE_CIRC_CHEM_DRP 24182	39.48 0.85 0.00	36.16 0.85 0.00	33.98 0.80 0.00	32.95 0.74 0.00	33.43 0.72 0.00	35.07 0.72 0.00	37.42 0.63 0.00	39.52 0.51 0.00	39.00 0.42 0.00	37.67 0.26 0.00	39.01 0.23 0.00	40.91 0.32 0.00	43.42 0.39 0.00	44.76 0.40 0.00	47.98 0.48 0.00	51.49 0.51 0.00	56.47 0.61 0.00	67.36 0.86 0.00	68.71 0.95 0.00	69.11 0.95 0.00	63.03 0.93 0.00	55.73 0.99 0.00	46.61 0.87 0.00	42.39 0.99 0.00
BOC_GAS_DRP 24189	39.21 0.58 0.00	35.91 0.60 0.00	33.71 0.53 0.00	32.72 0.52 0.00	33.20 0.49 0.00	34.79 0.45 0.00	37.20 0.40 0.00	39.40 0.39 0.00	39.00 0.42 0.00	37.78 0.37 0.00	39.20 0.43 0.00	41.11 0.53 0.00	43.60 0.56 0.00	44.89 0.53 0.00	48.08 0.57 0.00	51.49 0.51 0.00	56.52 0.67 0.00	67.29 0.80 0.00	68.50 0.75 0.00	68.84 0.68 0.00	62.66 0.56 0.00	55.40 0.66 0.00	46.29 0.55 0.00	42.06 0.66 0.00
BOONVILLE_115KV_TB1 79983	38.82 0.19 0.00	35.56 0.25 0.00	33.41 0.23 0.00	32.53 0.32 0.00	33.23 0.52 0.00	35.14 0.79 0.00	37.65 0.85 0.00	39.75 0.74 0.00	39.07 0.50 0.00	37.75 0.34 0.00	39.13 0.35 0.00	41.01 0.28 -0.14	43.65 0.26 -0.36	45.14 0.40 -0.39	48.50 0.52 -0.47	51.52 0.46 -0.08	56.47 0.61 0.00	67.36 0.86 -0.01	68.77 1.02 0.00	69.24 1.09 0.00	62.84 0.75 0.00	55.34 0.60 0.00	46.20 0.46 0.00	41.85 0.46 0.00
BORALEX_4TH_BRANCH 23824	40.14 1.51 0.00	36.76 1.45 0.00	34.54 1.36 0.00	33.50 1.29 0.00	33.98 1.28 0.00	35.68 1.34 0.00	38.05 1.25 0.00	40.02 1.01 0.00	39.50 0.93 0.00	38.20 0.79 0.00	39.48 0.70 0.00	41.48 0.89 0.00	43.77 0.73 0.00	45.16 0.80 0.00	48.36 0.86 0.00	51.80 0.82 0.00	56.63 0.78 0.00	67.55 1.06 0.00	69.25 1.49 0.00	69.79 1.64 0.00	63.53 1.43 0.00	56.22 1.48 0.00	46.97 1.23 0.00	42.85 1.45 0.00
BOWLINE___1 23526	40.41 1.78 0.00	36.97 1.66 0.00	34.68 1.49 0.00	33.62 1.42 0.00	34.08 1.37 0.00	35.65 1.30 0.00	38.23 1.43 0.00	40.84 1.83 0.00	40.73 2.16 0.00	39.50 2.09 0.00	41.14 2.37 0.00	43.35 2.76 0.00	46.14 3.10 0.00	47.55 3.20 0.00	51.07 3.56 0.00	54.65 3.67 0.00	60.26 4.41 0.00	71.94 5.45 0.00	72.63 4.88 0.01	72.78 4.64 0.01	66.08 3.98 0.00	58.13 3.40 0.01	48.48 2.74 0.00	43.92 2.53 0.00
BOWLINE___2 23595	40.41 1.78 0.00	36.97 1.66 0.00	34.68 1.49 0.00	33.62 1.42 0.00	34.08 1.37 0.00	35.65 1.30 0.00	38.23 1.43 0.00	40.84 1.83 0.00	40.73 2.16 0.00	39.50 2.09 0.00	41.14 2.37 0.00	43.35 2.76 0.00	46.14 3.10 0.00	47.55 3.20 0.00	51.07 3.56 0.00	54.65 3.67 0.00	60.26 4.41 0.00	71.94 5.45 0.00	72.63 4.88 0.01	72.78 4.64 0.01	66.08 3.98 0.00	58.13 3.40 0.01	48.48 2.74 0.00	43.92 2.53 0.00
BRADY___115KV_TB2 356060	38.47 -0.15 0.00	35.10 -0.21 0.00	33.05 -0.13 0.00	32.11 -0.10 0.00	32.67 -0.03 0.00	34.45 0.10 0.00	36.95 0.15 0.00	39.05 0.04 0.00	38.42 -0.15 0.00	37.11 -0.30 0.00	38.43 -0.35 0.00	40.30 -0.28 0.00	42.65 -0.39 0.00	43.87 -0.49 0.00	47.03 -0.48 0.00	50.47 -0.51 0.00	55.24 -0.61 0.00	65.96 -0.53 0.00	67.35 -0.41 0.00	67.88 -0.27 0.00	61.85 -0.25 0.00	54.52 -0.22 0.00	45.74 0.00 0.00	41.27 -0.12 0.00
BRANSCOMB___SOLAR 323811	40.48 1.85 0.00	37.11 1.80 0.00	34.84 1.66 0.00	33.72 1.51 0.00	34.28 1.57 0.00	35.99 1.65 0.00	38.34 1.55 0.00	40.49 1.48 0.00	39.73 1.16 0.00	38.31 0.90 0.00	39.51 0.73 0.00	41.48 0.89 0.00	43.90 0.86 0.00	45.33 0.97 0.00	48.70 1.19 0.00	52.36 1.38 0.00	57.30 1.45 0.00	68.42 1.93 0.00	70.27 2.51 0.00	70.81 2.66 0.00	64.83 2.73 0.00	57.42 2.68 0.00	47.84 2.11 0.00	43.51 2.11 0.00
BRDGHMPT_69_KV_BK1 55812	41.84 3.21 0.00	38.95 3.64 0.00	36.76 3.58 0.00	35.78 3.58 0.00	36.08 3.37 0.00	37.78 3.43 0.00	40.22 3.42 0.00	42.75 3.74 0.00	43.39 4.82 0.00	42.01 4.60 0.00	44.72 4.96 0.00	46.24 5.28 0.00	48.69 5.64 -0.02	52.37 5.59 -2.43	55.69 5.94 -2.24	61.33 6.12 -4.23	64.66 7.43 -1.38	76.68 9.18 -1.01	76.89 8.40 -0.73	79.80 7.43 -4.22	68.11 5.90 -0.11	59.94 5.09 -0.11	50.31 4.57 0.00	45.66 4.26 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	41.99 3.36 0.00	38.60 3.28 0.00	36.17 2.99 0.00	35.04 2.83 0.00	35.42 2.71 0.00	37.06 2.71 0.00	39.49 2.69 0.00	42.13 3.12 0.00	42.54 3.97 0.00	41.30 3.89 0.00	43.94 4.19 -0.98	45.47 4.51 -0.38	48.00 4.95 -0.02	51.90 5.01 -2.53	55.43 5.27 -2.65	61.37 5.40 -4.99	63.79 6.31 -1.63	75.53 7.85 -1.19	75.87 7.25 -0.86	79.95 6.82 -4.98	67.94 5.71 -0.13	60.12 5.26 -0.13	50.45 4.71 0.00	45.70 4.31 0.00
BRISTLHL_115KV_TB1 79998	37.86 -0.77 0.00	34.64 -0.67 0.00	32.52 -0.66 0.00	31.56 -0.64 0.00	32.08 -0.62 0.00	33.73 -0.62 0.00	36.06 -0.74 0.00	38.19 -0.82 0.00	37.72 -0.85 0.00	36.66 -0.75 0.00	37.93 -0.85 0.00	40.36 -1.06 -0.83	44.08 -1.12 -2.16	45.66 -1.06 -2.37	49.45 -1.14 -3.08	51.58 -1.12 -1.72	56.39 -1.28 -1.82	67.36 -1.73 -2.60	68.46 -1.56 -2.26	69.01 -1.50 -2.35	63.11 -1.24 -2.25	55.24 -1.15 -1.64	45.53 -1.05 -0.84	41.02 -0.95 -0.57
BROOKHAVEN___DRP 24191	41.57 2.94 0.00	38.49 3.18 0.00	36.27 3.09 0.00	35.14 2.93 0.00	35.39 2.68 0.00	37.02 2.68 0.00	39.41 2.61 0.00	41.86 2.85 0.00	42.35 3.78 0.00	41.04 3.63 0.00	43.60 3.84 -0.98	44.99 4.02 -0.38	47.44 4.39 -0.02	51.13 4.35 -2.42	54.30 4.56 -2.24	59.89 4.69 -4.21	62.98 5.75 -1.38	74.68 7.18 -1.01	75.06 6.57 -0.73	78.29 5.93 -4.20	67.05 4.84 -0.11	59.17 4.32 -0.10	49.81 4.07 0.00	45.25 3.85 0.00
BROOKLYN_NAVY_YARD 23515	40.83 2.20 0.00	37.36 2.05 0.00	35.04 1.86 0.00	33.98 1.77 0.00	34.41 1.70 0.00	35.99 1.65 0.00	38.60 1.80 0.00	41.35 2.34 0.00	41.39 2.81 0.00	40.18 2.77 0.00	41.93 3.14 -0.01	44.19 3.57 -0.03	50.89 3.96 -3.90	59.03 4.08 -10.60	59.62 4.46 -7.65	59.88 4.64 -4.26	65.34 5.48 -4.01	73.28 6.79 0.00	73.78 6.03 0.01	73.93 5.79 0.01	66.95 4.85 0.00	59.06 4.32 0.01	49.12 3.38 0.00	44.58 3.19 0.00
BROOKLYN___ARMY_DRP 323595	40.60 1.97 0.00	37.26 1.94 0.00	34.91 1.73 0.00	33.88 1.67 0.00	34.24 1.54 0.00	35.72 1.37 0.00	38.31 1.51 0.00	40.92 1.91 0.00	40.96 2.39 0.00	39.84 2.43 0.00	41.77 2.99 -0.01	44.06 3.45 -0.03	50.94 3.96 -3.94	59.11 4.04 -10.72	59.80 4.56 -7.74	60.14 4.84 -4.31	65.22 5.31 -4.06	72.81 6.32 0.00	73.24 5.49 0.01	73.18 5.04 0.02	66.31 4.22 0.01	59.00 4.27 0.01	49.08 3.34 0.00	44.58 3.19 0.00
BROOME_2_LFGE 323671	38.71 0.08 0.00	35.39 0.07 0.00	33.21 0.03 0.00	32.24 0.03 0.00	32.71 0.00 0.00	34.35 0.00 0.00	36.76 -0.04 0.00	38.93 -0.08 0.00	38.49 -0.08 0.00	37.37 -0.04 0.00	38.74 -0.04 0.00	40.78 0.00 -0.19	43.53 0.00 -0.49	44.88 0.00 -0.52	48.36 0.24 -0.62	51.07 0.15 0.06	55.80 0.22 0.28	66.81 0.40 0.09	67.32 0.14 0.58	67.50 0.21 0.86	61.66 0.31 0.75	54.26 0.11 0.60	45.46 0.00 0.28	41.15 0.21 0.21
BROOME___LFGE 323600	38.71 0.08 0.00	35.39 0.07 0.00	33.21 0.03 0.00	32.24 0.03 0.00	32.71 0.00 0.00	34.35 0.00 0.00	36.76 -0.04 0.00	38.93 -0.08 0.00	38.49 -0.08 0.00	37.37 -0.04 0.00	38.74 -0.04 0.00	40.78 0.00 -0.19	43.53 0.00 -0.49	44.88 0.00 -0.52	48.36 0.24 -0.62	51.07 0.15 0.06	55.80 0.22 0.28	66.81 0.40 0.09	67.32 0.14 0.58	67.50 0.21 0.86	61.66 0.31 0.75	54.26 0.11 0.60	45.46 0.00 0.28	41.15 -0.04 0.21
BROWNFLS_115KV_TB_3_5 80003	37.70 -0.93 0.00	34.50 -0.81 0.00	32.48 -0.70 0.00	31.63 -0.58 0.00	32.28 -0.43 0.00	34.17 -0.17 0.00	36.65 -0.15 0.00	38.74 -0.27 0.00	38.03 -0.54 0.00	36.66 -0.75 0.00	37.96 -0.81 0.00	39.85 -0.89 -0.15	42.35 -1.08 -0.39	43.72 -1.06 -0.42	46.93 -1.09 -0.51	49.85 -1.22 -0.09	54.46 -1.40 0.00	64.91 -1.60 -0.01	66.27 -1.49 0.00	66.86 -1.29 0.00	60.67 -1.43 0.00	53.48 -1.26 0.00	44.91 -0.82 0.00	40.61 -0.79 0.00
BROWNSV1_27_KV_LOAD 356125	41.18 2.55 0.00	37.68 2.37 0.00	35.30 2.12 0.00	34.30 2.09 0.00	34.67 1.96 0.00	36.23 1.89 0.00	38.90 2.10 0.00	41.62 2.61 0.00	41.66 3.09 0.00	40.44 3.03 0.00	42.28 3.49 -0.01	44.51 3.90 -0.03	51.28 4.35 -3.90	59.39 4.44 -10.60	60.05 4.89 -7.65	60.39 5.15 -4.26	65.90 6.03 -4.01	73.94 7.45 0.00	74.46 6.71 0.01	74.48 6.34 0.01	67.50 5.40 0.00	59.44 4.71 0.01	49.49 3.75 0.00	44.92 3.52 0.00
BURROWS___LYONSDAL 23803	38.55 -0.08 0.00	35.39 0.07 0.00	33.25 0.07 0.00	32.40 0.19 0.00	33.13 0.43 0.00	35.07 0.72 0.00	37.57 0.77 0.00	39.67 0.66 0.00	38.96 0.39 0.00	37.63 0.22 0.00	39.01 0.12 0.00	40.86 0.12 -0.16	43.52 0.09 -0.40	45.02 0.22 -0.44	48.37 0.33 -0.53	51.33 0.25 -0.09	56.24 0.39 0.00	67.10 0.60 -0.01	68.50 0.75 0.00	68.90 0.75 0.00	62.53 0.43 0.00	55.07 0.33 0.00	45.97 0.23 0.00	41.69 0.29 0.00
CAITHNESS_CC_1 323624	41.53 2.90 0.00	38.28 2.97 0.00	36.17 2.99 0.00	35.01 2.80 0.00	35.32 2.62 0.00	36.95 2.61 0.00	39.30 2.50 0.00	41.82 2.81 0.00	42.28 3.70 -0.01	40.97 3.56 -0.01	43.48 3.72 -0.98	45.07 4.10 -0.38	47.36 4.30 -0.02	51.13 4.35 -2.42	54.34 4.61 -2.23	59.77 4.59 -4.20	62.70 5.48 -1.37	74.54 7.04 -1.00	74.85 6.37 -0.72	78.20 5.86 -4.19	66.99 4.78 -0.11	59.34 4.49 -0.10	49.77 4.03 -0.01	45.21 3.81 -0.01
CALPINE BETH_PAGE_GT4 24209	41.68 3.05 0.00	38.21 2.90 0.00	35.77 2.59 0.00	34.69 2.48 0.00	35.09 2.39 0.00	36.68 2.34 0.00	39.15 2.36 0.00	41.86 2.85 0.00	42.16 3.59 0.00	40.89 3.48 0.00	43.60 3.84 -0.98	45.19 4.22 -0.38	47.62 4.56 -0.02	52.88 4.66 -3.86	60.56 5.13 -7.92	71.04 5.15 -14.91	66.83 6.09 -4.89	77.65 7.58 -3.58	77.34 6.98 -2.61	89.66 6.61 -14.90	68.09 5.59 -0.41	60.24 5.09 -0.41	49.99 4.25 0.00	45.41 4.02 0.00
CALPINE_BETH_PAGE_GT_4 323586	41.68 3.05 0.00	38.10 2.79 0.00	35.77 2.59 0.00	34.63 2.42 0.00	35.09 2.39 0.00	36.68 2.34 0.00	39.12 2.32 0.00	41.85 2.85 0.00	42.13 3.55 -0.01	40.90 3.48 -0.01	43.52 3.76 -0.98	45.19 4.22 -0.38	47.57 4.52 -0.02	52.92 4.70 -3.86	60.52 5.09 -7.92	70.99 5.10 -14.91	66.66 5.92 -4.89	77.64 7.58 -3.58	77.28 6.91 -2.61	89.66 6.61 -14.90	68.10 5.59 -0.41	60.36 5.20 -0.41	50.00 4.25 -0.01	45.42 4.01 -0.01
CALPINE_BP_GT1 23823	41.68 3.05 0.00	38.10 2.79 0.00	35.77 2.59 0.00	34.63 2.42 0.00	35.09 2.39 0.00	36.68 2.34 0.00	39.12 2.32 0.00	41.85 2.85 0.00	42.13 3.55 -0.01	40.90 3.48 -0.01	43.52 3.76 -0.98	45.19 4.22 -0.38	47.57 4.52 -0.02	52.92 4.70 -3.86	60.52 5.09 -7.92	70.99 5.10 -14.91	66.66 5.92 -4.89	77.64 7.58 -3.58	77.28 6.91 -2.61	89.66 6.61 -14.90	68.10 5.59 -0.41	60.36 5.20 -0.41	50.00 4.25 -0.01	45.42 4.01 -0.01
CALSPAN___DRP 24200	35.58 -3.05 0.00	32.17 -3.14 0.00	30.26 -2.92 0.00	29.28 -2.93 0.00	29.76 -2.94 0.00	31.19 -3.16 0.00	33.05 -3.75 0.00	34.78 -4.21 0.01	34.48 -4.09 0.00	33.78 -3.63 0.00	35.17 -3.61 0.00	36.57 -4.02 0.00	38.58 -4.35 0.11	39.92 -4.39 0.05	42.43 -4.23 0.84	42.56 -5.05 3.38	45.53 -5.47 4.85	52.38 -5.65 8.46	56.22 -6.84 4.69	57.70 -7.02 3.43	53.53 -5.71 2.86	46.87 -5.47 2.40	40.28 -4.39 1.07	36.14 -4.43 0.83

CALVERTON___SOLAR 323806	41.60 2.97 0.00	38.46 3.14 0.00	36.37 3.19 0.00	35.20 3.00 0.00	35.48 2.78 0.00	37.13 2.78 0.00	39.48 2.68 0.00	41.94 2.93 0.00	42.44 3.86 -0.01	41.12 3.70 -0.01	43.63 3.88 -0.98	45.23 4.26 -0.38	47.49 4.43 -0.02	51.26 4.48 -2.42	54.50 4.75 -2.24	59.94 4.74 -4.22	62.93 5.70 -1.38	74.88 7.38 -1.01	75.20 6.71 -0.73	78.50 6.14 -4.21	67.18 4.97 -0.11	59.45 4.60 -0.10	49.91 4.16 -0.01	45.34 3.93 -0.01
CANDIGU_WT_PWR 323617	37.39 -1.24 0.00	34.04 -1.27 0.00	31.95 -1.23 0.00	31.05 -1.16 0.00	31.43 -1.28 0.00	33.01 -1.34 0.00	35.14 -1.66 0.00	36.95 -1.99 0.07	36.49 -2.08 0.00	35.65 -1.76 0.00	36.80 -1.98 0.00	38.58 -2.11 -0.10	40.48 -2.37 0.19	42.18 -2.44 -0.26	42.72 -2.18 2.60	37.89 -2.45 10.65	38.19 -2.68 14.98	32.38 -2.86 31.25	53.79 -3.39 10.59	62.73 -3.20 2.22	57.83 -2.36 1.91	50.73 -2.46 1.55	42.92 -2.10 0.71	38.66 -2.20 0.54
CARR STREET_E_SYR 24060	38.05 -0.58 0.00	34.85 -0.46 0.00	32.72 -0.46 0.00	31.76 -0.45 0.00	32.25 -0.46 0.00	33.90 -0.45 0.00	36.25 -0.55 0.00	38.42 -0.58 0.00	37.95 -0.62 0.00	36.89 -0.52 0.00	38.24 -0.54 0.00	40.11 -0.73 -0.26	42.91 -0.77 -0.65	44.30 -0.75 -0.70	47.50 -0.71 -0.71	49.69 -0.71 0.58	53.94 -0.84 1.08	63.81 -1.19 1.49	65.33 -1.09 1.34	65.74 -1.02 1.39	59.96 -0.81 1.33	52.95 -0.82 0.97	44.51 -0.73 0.50	40.35 -0.70 0.34
CARTHAGE___PAPER 23857	38.51 -0.12 0.00	35.28 -0.04 0.00	33.18 0.00 0.00	32.34 0.13 0.00	33.10 0.39 0.00	35.07 0.72 0.00	37.61 0.81 0.00	39.59 0.59 0.00	38.80 0.23 0.00	37.41 0.00 0.00	38.74 -0.04 0.00	40.66 -0.24 -0.31	43.49 -0.35 -0.80	44.96 -0.26 -0.87	48.42 -0.14 -1.05	50.91 -0.25 -0.18	55.74 -0.11 0.00	66.44 -0.07 -0.02	68.10 0.34 0.00	68.70 0.54 0.00	62.41 0.31 0.00	54.96 0.22 0.00	46.01 0.28 0.00	41.65 0.25 0.00
CASSADAGA_WT_PWR 323784	36.12 -2.51 0.00	32.60 -2.72 0.00	30.53 -2.66 0.00	29.63 -2.58 0.00	29.83 -2.88 0.00	31.25 -3.09 0.00	33.15 -3.64 0.00	34.83 -4.17 0.01	34.64 -3.93 0.00	33.93 -3.48 0.00	35.13 -3.65 0.00	36.85 -3.73 0.00	38.82 -4.13 0.09	39.97 -4.35 0.04	42.99 -3.80 0.71	43.30 -4.79 2.89	46.60 -5.08 4.17	54.90 -4.52 7.07	57.87 -5.69 4.19	59.20 -5.66 3.29	54.51 -4.84 2.74	47.41 -5.04 2.30	40.55 -4.16 1.02	36.29 -4.31 0.80
CE_DUNWOOD___DRP 24194	40.64 2.01 0.00	37.19 1.87 0.00	34.87 1.69 0.00	33.88 1.67 0.00	34.28 1.57 0.00	35.86 1.51 0.00	38.45 1.66 0.00	41.04 2.03 0.00	41.00 2.43 0.00	39.80 2.39 0.00	41.49 2.71 0.00	43.67 3.08 0.00	46.52 3.49 0.00	47.91 3.55 0.00	51.40 3.90 0.00	55.06 4.08 0.00	60.71 4.86 0.00	72.54 6.05 0.00	73.17 5.42 0.01	73.25 5.11 0.01	66.38 4.28 0.00	58.46 3.72 0.01	48.76 3.02 0.00	44.21 2.82 0.00
CE_MILLWOOD___DRP 24193	40.56 1.93 0.00	37.12 1.80 0.00	34.81 1.63 0.00	33.82 1.61 0.00	34.21 1.50 0.00	35.79 1.44 0.00	38.38 1.58 0.00	40.96 1.95 0.00	40.89 2.31 0.00	39.69 2.28 0.00	41.38 2.60 0.00	43.55 2.96 0.00	46.35 3.31 0.00	47.77 3.42 0.00	51.26 3.75 0.00	54.91 3.93 0.00	60.54 4.69 0.00	72.34 5.85 0.00	72.97 5.22 0.01	73.05 4.91 0.01	66.20 4.10 0.00	58.35 3.61 0.01	48.62 2.88 0.00	44.09 2.69 0.00
CE_NYC2_DRP 24202	40.83 2.20 0.00	37.40 2.08 0.00	35.11 1.92 0.00	34.11 1.90 0.00	34.51 1.80 0.00	35.96 1.61 0.00	38.57 1.77 0.00	41.23 2.22 0.00	41.27 2.70 0.00	40.10 2.69 0.00	41.93 3.14 -0.01	44.11 3.49 -0.03	50.90 3.92 -3.94	59.02 3.95 -10.72	59.61 4.37 -7.74	59.83 4.54 -4.31	65.22 5.31 -4.06	72.87 6.38 0.00	73.44 5.69 0.01	73.38 5.25 0.02	66.44 4.35 0.01	58.84 4.11 0.01	49.03 3.29 0.00	44.58 3.19 0.00
CE_NYC_DRP 24195	40.91 2.28 0.00	37.43 2.12 0.00	35.11 1.92 0.00	34.11 1.90 0.00	34.47 1.77 0.00	36.03 1.68 0.00	38.68 1.88 0.00	41.35 2.34 0.00	41.39 2.82 0.00	40.18 2.77 0.00	41.97 3.18 -0.01	44.19 3.57 -0.03	50.93 4.00 -3.89	59.01 4.08 -10.57	59.65 4.51 -7.63	59.92 4.69 -4.25	65.44 5.59 -4.00	73.34 6.85 0.00	73.92 6.17 0.01	73.94 5.79 0.01	67.00 4.91 0.00	59.06 4.32 0.01	49.17 3.43 0.00	44.63 3.23 0.00
CHAFFEE___LFGE 323603	35.62 -3.01 0.00	32.28 -3.04 0.00	30.29 -2.89 0.00	29.54 -2.67 0.00	29.80 -2.91 0.00	31.22 -3.13 0.00	33.12 -3.68 0.00	34.83 -4.17 0.01	34.56 -4.01 0.00	33.86 -3.55 0.00	34.98 -3.80 0.00	36.69 -3.90 0.00	38.60 -4.35 0.09	39.83 -4.48 0.05	42.72 -4.04 0.75	43.14 -4.79 3.05	46.27 -5.19 4.38	53.87 -5.12 7.50	56.97 -6.44 4.35	57.99 -6.81 3.35	53.66 -5.65 2.79	46.93 -5.47 2.33	40.31 -4.39 1.04	36.16 -4.43 0.81
CHATEAUG_35_KV_LOAD 355732	38.20 -0.42 0.00	34.78 -0.53 0.00	32.88 -0.30 0.00	31.98 -0.23 0.00	32.51 -0.20 0.00	34.21 -0.14 0.00	36.73 -0.07 0.00	38.97 -0.04 0.00	38.46 -0.12 0.00	37.30 -0.11 0.00	38.62 -0.16 0.00	40.51 -0.08 0.00	42.95 -0.09 0.00	44.14 -0.22 0.00	47.22 -0.29 0.00	50.68 -0.31 0.00	55.52 -0.34 0.00	66.29 -0.20 0.00	67.62 -0.14 0.00	68.09 -0.07 0.00	61.97 -0.12 0.00	54.47 -0.27 0.00	45.55 -0.18 0.00	41.15 -0.25 0.00
CHATEAUG_WT_PWR 323614	38.17 -0.46 0.00	34.79 -0.53 0.00	32.85 -0.33 0.00	31.92 -0.29 0.00	32.44 -0.26 0.00	34.17 -0.17 0.00	36.73 -0.07 0.00	38.93 -0.08 0.00	38.42 -0.15 0.00	37.30 -0.11 0.00	38.62 -0.15 0.00	40.51 -0.08 0.00	42.95 -0.09 0.00	44.18 -0.18 0.00	47.32 -0.19 0.00	50.73 -0.25 0.00	55.52 -0.33 0.00	66.16 -0.33 0.00	67.49 -0.27 0.00	67.88 -0.27 0.00	61.79 -0.31 0.00	54.36 -0.38 0.00	45.51 -0.23 0.00	41.07 -0.33 0.00
CHAT_HIGH_FALL_HYD 323578	38.20 -0.42 0.00	34.78 -0.53 0.00	32.88 -0.30 0.00	31.98 -0.23 0.00	32.51 -0.20 0.00	34.21 -0.14 0.00	36.73 -0.07 0.00	38.97 -0.04 0.00	38.46 -0.12 0.00	37.30 -0.11 0.00	38.62 -0.16 0.00	40.51 -0.08 0.00	42.95 -0.09 0.00	44.14 -0.22 0.00	47.22 -0.29 0.00	50.68 -0.31 0.00	55.52 -0.34 0.00	66.29 -0.20 0.00	67.62 -0.14 0.00	68.09 -0.07 0.00	61.97 -0.12 0.00	54.47 -0.27 0.00	45.55 -0.18 0.00	41.15 -0.25 0.00
CHAUTAUQUA___LFGE 323629	35.92 -2.71 0.00	32.49 -2.83 0.00	30.46 -2.72 0.00	29.63 -2.58 0.00	29.86 -2.85 0.00	31.29 -3.06 0.00	33.19 -3.60 0.00	34.94 -4.06 0.01	34.64 -3.93 0.00	33.89 -3.52 0.00	35.06 -3.72 0.00	36.77 -3.82 0.00	38.68 -4.26 0.10	39.92 -4.39 0.05	42.72 -3.99 0.80	43.09 -4.69 3.20	46.16 -5.08 4.61	53.46 -5.06 7.98	57.43 -5.83 4.50	58.87 -5.93 3.36	54.40 -4.91 2.79	47.37 -5.04 2.34	40.58 -4.12 1.04	36.36 -4.22 0.81
CHERRYST_13_KV_LD 356241	40.99 2.36 0.00	37.54 2.22 0.00	35.17 1.99 0.00	34.17 1.96 0.00	34.57 1.86 0.00	36.13 1.79 0.00	38.79 1.99 0.00	41.50 2.50 0.00	41.54 2.97 0.00	40.33 2.92 0.00	42.12 3.33 -0.01	44.39 3.77 -0.03	51.10 4.17 -3.89	59.23 4.30 -10.57	59.84 4.70 -7.63	60.18 4.95 -4.25	65.66 5.81 -4.00	73.61 7.11 0.00	74.19 6.44 0.01	74.21 6.07 0.01	67.19 5.09 0.00	59.22 4.49 0.01	49.31 3.57 0.00	44.75 3.35 0.00

CHESTROR_138KV_BK263 355645	40.17 1.55 0.00	36.80 1.48 0.00	34.48 1.29 0.00	33.50 1.29 0.00	33.88 1.18 0.00	35.48 1.13 0.00	38.05 1.25 0.00	40.57 1.56 0.00	40.38 1.81 0.00	39.17 1.76 0.00	40.76 1.98 0.00	42.86 2.27 0.00	45.66 2.63 0.00	47.02 2.66 0.00	50.55 3.04 0.00	54.14 3.16 0.00	59.65 3.80 0.00	71.21 4.72 0.00	71.95 4.20 0.01	72.09 3.95 0.01	65.51 3.42 0.00	57.69 2.96 0.01	48.07 2.33 0.00	43.59 2.19 0.00
CH_MIDHUDSON___DRP 24192	40.48 1.85 0.00	37.08 1.77 0.00	34.74 1.56 0.00	33.76 1.55 0.00	34.15 1.44 0.00	35.75 1.41 0.00	38.31 1.51 0.00	40.84 1.83 0.00	40.65 2.08 0.00	39.39 1.98 0.00	41.03 2.25 0.00	43.14 2.56 0.00	45.96 2.93 0.00	47.33 2.97 0.00	50.88 3.37 0.00	54.50 3.52 0.00	59.98 4.13 0.00	71.68 5.19 0.00	72.36 4.61 0.01	72.50 4.36 0.01	65.95 3.85 0.00	58.02 3.28 0.01	48.39 2.65 0.00	43.92 2.53 0.00
CH_MISC_IPPS 23765	40.71 2.08 0.00	37.22 1.91 0.00	34.91 1.72 0.00	33.85 1.64 0.00	34.28 1.57 0.00	35.89 1.55 0.00	38.46 1.66 0.00	41.04 2.03 0.00	40.85 2.28 0.00	39.54 2.13 0.00	41.10 2.33 0.00	43.35 2.76 0.00	46.18 3.14 0.00	47.59 3.24 0.00	51.17 3.66 0.00	54.81 3.83 0.00	60.32 4.47 0.00	72.14 5.65 0.00	72.70 4.94 0.01	72.91 4.77 0.01	66.38 4.28 0.00	58.40 3.67 0.01	48.67 2.93 0.00	44.17 2.77 0.00
CH_RES_BVR_FALLS 23983	38.40 -0.23 0.00	35.10 -0.21 0.00	33.02 -0.17 0.00	32.08 -0.13 0.00	32.58 -0.13 0.00	34.24 -0.10 0.00	36.73 -0.07 0.00	38.93 -0.08 0.00	38.46 -0.12 0.00	37.30 -0.11 0.00	38.66 -0.12 0.00	40.51 -0.08 0.00	42.91 -0.13 0.00	44.22 -0.13 0.00	47.36 -0.14 0.00	50.83 -0.15 0.00	55.63 -0.22 0.00	66.23 -0.26 0.00	67.49 -0.27 0.00	67.88 -0.27 0.00	61.85 -0.25 0.00	54.47 -0.27 0.00	45.51 -0.23 0.00	41.19 -0.21 0.00
CH_RES_NIAGARA 23895	34.92 -3.71 0.00	31.75 -3.57 0.00	29.86 -3.32 0.00	28.89 -3.32 0.00	29.40 -3.30 0.00	30.67 -3.67 0.00	32.05 -4.75 0.00	33.69 -5.31 0.01	33.44 -5.13 0.00	32.73 -4.68 0.00	34.05 -4.73 0.00	35.31 -5.28 0.00	37.01 -5.94 0.09	38.76 -5.54 0.05	40.47 -6.27 0.76	42.21 -5.66 3.11	44.60 -6.76 4.49	49.82 -9.04 7.62	54.30 -8.88 4.58	55.21 -9.27 3.68	51.59 -7.45 3.06	45.30 -6.84 2.60	39.25 -5.35 1.14	35.46 -5.05 0.89
CH_RES_SYRACUSE 23985	38.28 -0.35 0.00	35.03 -0.28 0.00	32.88 -0.30 0.00	31.92 -0.29 0.00	32.44 -0.26 0.00	34.11 -0.24 0.00	36.47 -0.33 0.00	38.66 -0.35 0.00	38.15 -0.42 0.00	37.11 -0.30 0.00	38.43 -0.35 0.00	40.57 -0.49 -0.47	43.72 -0.51 -1.20	45.13 -0.53 -1.30	48.60 -0.48 -1.57	50.84 -0.41 -0.27	55.29 -0.56 0.00	65.65 -0.87 -0.03	67.08 -0.68 0.00	67.54 -0.61 0.00	61.67 -0.43 0.00	54.30 -0.44 0.00	45.28 -0.46 0.00	40.99 -0.41 0.00
CLINTON_WT_PWR 323605	38.17 -0.46 0.00	34.79 -0.53 0.00	32.85 -0.33 0.00	31.92 -0.29 0.00	32.44 -0.26 0.00	34.17 -0.17 0.00	36.73 -0.07 0.00	38.93 -0.08 0.00	38.42 -0.15 0.00	37.30 -0.11 0.00	38.62 -0.15 0.00	40.51 -0.08 0.00	42.95 -0.09 0.00	44.18 -0.18 0.00	47.32 -0.19 0.00	50.73 -0.25 0.00	55.52 -0.33 0.00	66.16 -0.33 0.00	67.49 -0.27 0.00	67.88 -0.27 0.00	61.79 -0.31 0.00	54.36 -0.38 0.00	45.51 -0.23 0.00	41.07 -0.33 0.00
CLINTON___LFGE 323618	38.36 -0.27 0.00	34.93 -0.39 0.00	32.98 -0.20 0.00	32.05 -0.16 0.00	32.61 -0.10 0.00	34.35 0.00 0.00	36.95 0.15 0.00	39.17 0.16 0.00	38.61 0.04 0.00	37.49 0.07 0.00	38.82 0.04 0.00	40.75 0.16 0.00	43.21 0.17 0.00	44.40 0.04 0.00	47.55 0.05 0.00	51.03 0.05 0.00	55.91 0.06 0.00	66.76 0.27 0.00	68.03 0.27 0.00	68.50 0.34 0.00	62.35 0.25 0.00	54.80 0.05 0.00	45.83 0.09 0.00	41.32 -0.08 0.00
COBBLENY_34_KV_TB1 80064	35.62 -3.01 0.00	32.21 -3.11 0.00	30.29 -2.89 0.00	29.31 -2.90 0.00	29.80 -2.91 0.00	31.22 -3.13 0.00	33.12 -3.68 0.00	34.82 -4.17 0.01	34.56 -4.01 0.00	33.82 -3.59 0.00	35.29 -3.49 0.00	36.65 -3.94 0.00	38.73 -4.22 0.09	40.01 -4.30 0.04	42.76 -3.99 0.75	43.04 -4.89 3.05	46.22 -5.25 4.38	53.87 -5.12 7.50	56.70 -6.71 4.35	57.92 -6.88 3.35	53.66 -5.65 2.79	46.99 -5.42 2.33	40.31 -4.39 1.04	36.16 -4.43 0.81
COFFEEN___115KV_TB3 355620	39.05 0.42 0.00	35.77 0.46 0.00	33.61 0.43 0.00	32.76 0.55 0.00	33.46 0.75 0.00	35.44 1.10 0.00	37.98 1.18 0.00	39.98 0.98 0.00	39.11 0.54 0.00	37.71 0.30 0.00	39.01 0.23 0.00	40.96 0.00 -0.37	43.91 -0.09 -0.96	45.49 0.09 -1.05	48.91 0.14 -1.26	51.40 0.20 -0.22	56.30 0.45 0.00	66.98 0.47 -0.02	68.84 1.08 0.00	69.59 1.43 0.00	63.34 1.24 0.00	55.84 1.09 0.00	46.61 0.87 0.00	42.19 0.79 0.00
COLDSPRG_115KV_BK1 355956	36.08 -2.55 0.00	32.56 -2.75 0.00	30.59 -2.59 0.00	29.57 -2.64 0.00	29.99 -2.71 0.00	31.46 -2.89 0.00	33.49 -3.31 0.00	35.14 -3.86 0.01	34.91 -3.66 0.00	34.16 -3.25 0.00	35.64 -3.14 0.00	37.06 -3.53 0.00	39.44 -3.53 0.07	40.19 -4.13 0.04	43.94 -2.99 0.58	43.89 -4.69 2.40	47.79 -4.58 3.48	57.79 -3.06 5.64	58.22 -5.83 3.71	59.17 -5.79 3.19	54.41 -5.03 2.66	47.42 -5.09 2.23	40.44 -4.30 0.99	36.24 -4.39 0.78
COLONIE_LFGE___ 323577	39.83 1.20 0.00	36.48 1.16 0.00	34.27 1.09 0.00	33.21 1.00 0.00	33.72 1.02 0.00	35.41 1.07 0.00	37.75 0.96 0.00	39.87 0.86 0.00	39.34 0.77 0.00	38.01 0.60 0.00	39.32 0.54 0.00	41.23 0.65 0.00	43.68 0.65 0.00	45.11 0.75 0.00	48.31 0.81 0.00	51.80 0.81 0.00	56.74 0.89 0.00	67.69 1.20 0.00	69.18 1.43 0.00	69.65 1.50 0.00	63.46 1.36 0.00	56.16 1.42 0.00	46.92 1.19 0.00	42.68 1.28 0.00
COOPERNY_115KV_TB1 80082	39.71 1.08 0.00	36.34 1.02 0.00	34.08 0.90 0.00	33.11 0.90 0.00	33.52 0.82 0.00	35.14 0.79 0.00	37.65 0.85 0.00	40.10 1.09 0.00	39.84 1.27 0.00	38.64 1.23 0.00	40.21 1.43 0.00	42.21 1.62 0.00	44.89 1.85 0.00	46.26 1.91 0.00	49.64 2.14 0.00	53.22 2.24 0.00	58.53 2.68 0.00	69.82 3.32 0.00	70.73 2.98 0.01	70.93 2.79 0.01	64.52 2.42 0.00	56.81 2.08 0.01	47.38 1.65 0.00	42.93 1.53 0.00
COPENHAGEN_WT_PWR 323753	38.78 0.16 0.00	35.53 0.21 0.00	33.38 0.20 0.00	32.53 0.32 0.00	33.23 0.52 0.00	35.17 0.82 0.00	37.68 0.88 0.00	39.67 0.66 0.00	38.88 0.31 0.00	37.52 0.11 0.00	38.82 0.04 0.00	40.82 -0.16 -0.39	43.79 -0.26 -1.01	45.32 -0.13 -1.09	48.78 -0.05 -1.32	51.16 -0.05 -0.23	55.96 0.11 0.00	66.58 0.07 -0.03	68.37 0.61 0.00	69.04 0.88 0.00	62.85 0.75 0.00	55.35 0.60 0.00	46.24 0.50 0.00	41.86 0.46 0.00
CORNELL_____ 23752	38.98 0.35 0.00	35.63 0.32 0.00	33.45 0.27 0.00	32.43 0.23 0.00	33.00 0.29 0.00	34.69 0.34 0.00	37.13 0.33 0.00	39.29 0.27 0.00	38.69 0.12 0.00	37.52 0.11 0.00	38.82 0.04 0.00	40.84 0.00 -0.25	43.72 0.00 -0.68	45.10 0.04 -0.70	48.64 0.19 -0.94	51.58 0.25 -0.34	56.41 0.34 -0.22	67.99 0.47 -1.03	68.10 0.61 0.27	68.08 0.82 0.89	62.24 0.93 0.79	54.83 0.71 0.62	45.90 0.46 0.30	41.56 0.37 0.22

CORONA V_69_KV_TB1 355595	41.45 2.82 0.00	38.00 2.68 0.00	35.57 2.39 0.00	34.50 2.29 0.00	34.90 2.19 0.00	36.51 2.16 0.00	38.97 2.17 0.00	41.66 2.65 0.00	41.85 3.28 0.00	40.63 3.22 0.00	43.29 3.53 -0.98	44.86 3.90 -0.38	47.40 4.35 -0.02	58.87 4.44 -10.07	84.93 4.99 -32.44	117.26 5.25 -61.02	82.04 6.14 -20.05	88.86 7.71 -14.65	85.58 7.11 -10.70	135.98 6.82 -61.01	69.62 5.84 -1.68	61.50 5.04 -1.73	49.81 4.07 0.00	45.16 3.77 0.00
CORTLAND_115KV_TB3 80093	38.75 0.12 0.00	35.42 0.11 0.00	33.25 0.07 0.00	32.27 0.06 0.00	32.80 0.10 0.00	34.48 0.14 0.00	36.91 0.11 0.00	39.09 0.08 0.00	38.53 -0.04 0.00	37.41 0.00 0.00	38.74 -0.04 -0.27	40.73 -0.12 -0.68	43.63 -0.09 -0.73	45.05 -0.04 -0.73	48.42 0.10 -0.81	50.79 0.05 0.24	55.38 0.11 0.59	65.90 0.20 0.79	67.22 0.20 0.74	67.71 0.34 0.78	61.81 0.43 0.72	54.47 0.27 0.54	45.61 0.14 0.27	41.29 0.08 0.19
COXSACKIE__GT 23611	40.68 2.05 0.00	37.19 1.87 0.00	34.87 1.69 0.00	33.79 1.58 0.00	34.28 1.57 0.00	35.99 1.65 0.00	38.38 1.58 0.00	40.57 1.56 0.00	39.69 1.12 0.00	38.12 0.71 0.00	39.36 0.58 0.00	41.28 0.69 0.00	43.98 0.95 0.00	45.38 1.02 0.00	48.84 1.33 0.00	52.46 1.48 0.00	57.53 1.67 0.00	68.95 2.46 0.00	70.19 2.44 0.00	70.81 2.66 0.00	65.26 3.17 0.00	57.48 2.74 0.00	47.98 2.24 0.00	43.63 2.23 0.00
CPV_VALLEY__CC1 323721	39.90 1.27 0.00	36.52 1.20 0.00	34.24 1.06 0.00	33.21 1.00 0.00	33.66 0.95 0.00	35.24 0.89 0.00	37.75 0.96 0.00	40.29 1.29 0.00	40.12 1.54 0.00	38.91 1.50 0.00	40.44 1.67 0.00	42.58 1.99 0.00	45.27 2.24 0.00	46.66 2.31 0.00	50.07 2.56 0.00	53.68 2.70 0.00	59.03 3.18 0.00	70.55 4.06 0.00	71.27 3.52 0.01	71.48 3.34 0.01	64.96 2.86 0.00	57.20 2.47 0.01	47.70 1.97 0.00	43.26 1.86 0.00
CPV_VALLEY__CC2 323722	39.90 1.27 0.00	36.52 1.20 0.00	34.24 1.06 0.00	33.21 1.00 0.00	33.66 0.95 0.00	35.24 0.89 0.00	37.75 0.96 0.00	40.29 1.29 0.00	40.12 1.54 0.00	38.91 1.50 0.00	40.44 1.67 0.00	42.58 1.99 0.00	45.27 2.24 0.00	46.66 2.31 0.00	50.07 2.56 0.00	53.68 2.70 0.00	59.03 3.18 0.00	70.55 4.06 0.00	71.27 3.52 0.01	71.48 3.34 0.01	64.96 2.86 0.00	57.20 2.47 0.01	47.70 1.97 0.00	43.26 1.86 0.00
CRESCENT__HYD 24018	39.83 1.20 0.00	36.48 1.16 0.00	34.27 1.09 0.00	33.21 1.00 0.00	33.72 1.02 0.00	35.41 1.07 0.00	37.75 0.96 0.00	39.87 0.86 0.00	39.34 0.77 0.00	38.01 0.60 0.00	39.32 0.54 0.00	41.23 0.65 0.00	43.68 0.65 0.00	45.11 0.75 0.00	48.31 0.81 0.00	51.80 0.81 0.00	56.74 0.89 0.00	67.69 1.20 0.00	69.18 1.43 0.00	69.65 1.50 0.00	63.46 1.36 0.00	56.16 1.42 0.00	46.92 1.19 0.00	42.68 1.28 0.00
CRICKET__VALLEY_CC1 323756	40.10 1.47 0.00	36.73 1.41 0.00	34.44 1.26 0.00	33.40 1.19 0.00	33.85 1.14 0.00	35.44 1.10 0.00	37.94 1.14 0.00	40.45 1.44 0.00	40.31 1.74 0.00	39.10 1.69 0.00	40.68 1.90 0.00	42.86 2.27 0.00	45.53 2.50 0.00	46.97 2.62 0.00	50.36 2.85 0.00	53.89 2.90 0.00	59.31 3.46 0.00	70.81 4.32 0.00	71.54 3.79 0.01	71.75 3.61 0.01	65.14 3.04 0.00	57.42 2.68 0.01	47.93 2.20 0.00	43.51 2.11 0.00
CRICKET__VALLEY_CC2 323757	40.10 1.47 0.00	36.73 1.41 0.00	34.44 1.26 0.00	33.40 1.19 0.00	33.85 1.14 0.00	35.44 1.10 0.00	37.94 1.14 0.00	40.45 1.44 0.00	40.31 1.74 0.00	39.10 1.69 0.00	40.68 1.90 0.00	42.86 2.27 0.00	45.53 2.50 0.00	46.97 2.62 0.00	50.36 2.85 0.00	53.89 2.90 0.00	59.31 3.46 0.00	70.81 4.32 0.00	71.54 3.79 0.01	71.75 3.61 0.01	65.14 3.04 0.00	57.42 2.68 0.01	47.93 2.20 0.00	43.51 2.11 0.00
CRICKET__VALLEY_CC3 323758	40.10 1.47 0.00	36.73 1.41 0.00	34.44 1.26 0.00	33.40 1.19 0.00	33.85 1.14 0.00	35.44 1.10 0.00	37.94 1.14 0.00	40.45 1.44 0.00	40.31 1.74 0.00	39.10 1.69 0.00	40.68 1.90 0.00	42.86 2.27 0.00	45.53 2.50 0.00	46.97 2.62 0.00	50.36 2.85 0.00	53.89 2.90 0.00	59.31 3.46 0.00	70.81 4.32 0.00	71.54 3.79 0.01	71.75 3.61 0.01	65.14 3.04 0.00	57.42 2.68 0.01	47.93 2.20 0.00	43.51 2.11 0.00
CRUCIBLE_METL_DRP 24180	38.28 -0.35 0.00	35.03 -0.28 0.00	32.88 -0.30 0.00	31.92 -0.29 0.00	32.44 -0.26 0.00	34.10 -0.24 0.00	36.50 -0.29 0.00	38.66 -0.35 0.00	38.15 -0.42 0.00	37.07 -0.34 0.00	38.39 -0.39 0.00	40.52 -0.53 -0.47	43.68 -0.56 -1.20	45.17 -0.49 -1.30	48.60 -0.48 -1.57	50.79 -0.46 -0.27	55.29 -0.56 0.00	65.66 -0.86 -0.03	67.01 -0.75 0.00	67.47 -0.68 0.00	61.66 -0.43 0.00	54.30 -0.44 0.00	45.28 -0.46 0.00	40.99 -0.41 0.00
DAHOWA__HYDRO 323763	40.75 2.12 0.00	37.33 2.01 0.00	35.07 1.89 0.00	33.91 1.71 0.00	34.47 1.76 0.00	36.23 1.89 0.00	38.60 1.80 0.00	40.72 1.71 0.00	39.96 1.39 0.00	38.50 1.09 0.00	39.67 0.89 0.00	41.60 1.02 0.00	44.07 1.03 0.00	45.51 1.15 0.00	48.89 1.38 0.00	52.61 1.63 0.00	57.59 1.73 0.00	68.82 2.33 0.00	70.74 2.98 0.00	71.36 3.20 0.00	65.39 3.29 0.00	57.86 3.12 0.00	48.21 2.47 0.00	43.80 2.40 0.00
DANC__LFGE 323619	38.44 -0.19 0.00	35.17 -0.14 0.00	33.05 -0.13 0.00	32.18 -0.03 0.00	32.77 0.07 0.00	34.62 0.27 0.00	37.06 0.26 0.00	39.13 0.12 0.00	38.42 -0.15 0.00	37.15 -0.26 0.00	38.47 -0.31 0.00	40.54 -0.53 -0.48	43.68 -0.60 -1.25	45.19 -0.53 -1.36	48.69 -0.52 -1.71	51.10 -0.51 -0.63	55.86 -0.50 -0.51	66.50 -0.73 -0.74	68.05 -0.34 -0.63	68.68 -0.14 -0.66	62.61 -0.12 -0.63	55.04 -0.16 -0.46	45.88 -0.09 -0.24	41.48 -0.08 -0.16
DANSKAMMER__1 23586	40.71 2.08 0.00	37.22 1.91 0.00	34.91 1.72 0.00	33.85 1.64 0.00	34.28 1.57 0.00	35.89 1.55 0.00	38.46 1.66 0.00	41.04 2.03 0.00	40.85 2.28 0.00	39.54 2.13 0.00	41.10 2.33 0.00	43.35 2.76 0.00	46.18 3.14 0.00	47.59 3.24 0.00	51.17 3.66 0.00	54.81 3.83 0.00	60.32 4.47 0.00	72.14 5.65 0.00	72.70 4.94 0.01	72.91 4.77 0.01	66.38 4.28 0.00	58.40 3.67 0.01	48.67 2.93 0.00	44.17 2.77 0.00
DANSKAMMER__2 23589	40.71 2.08 0.00	37.22 1.91 0.00	34.91 1.72 0.00	33.85 1.64 0.00	34.28 1.57 0.00	35.89 1.55 0.00	38.46 1.66 0.00	41.04 2.03 0.00	40.85 2.28 0.00	39.54 2.13 0.00	41.10 2.33 0.00	43.35 2.76 0.00	46.18 3.14 0.00	47.59 3.24 0.00	51.17 3.66 0.00	54.81 3.83 0.00	60.32 4.47 0.00	72.14 5.65 0.00	72.70 4.94 0.01	72.91 4.77 0.01	66.38 4.28 0.00	58.40 3.67 0.01	48.67 2.93 0.00	44.17 2.77 0.00
DANSKAMMER__3 23590	40.71 2.08 0.00	37.22 1.91 0.00	34.91 1.72 0.00	33.85 1.64 0.00	34.28 1.57 0.00	35.89 1.55 0.00	38.46 1.66 0.00	41.04 2.03 0.00	40.85 2.28 0.00	39.54 2.13 0.00	41.10 2.33 0.00	43.35 2.76 0.00	46.18 3.14 0.00	47.59 3.24 0.00	51.17 3.66 0.00	54.81 3.83 0.00	60.32 4.47 0.00	72.14 5.65 0.00	72.70 4.94 0.01	72.91 4.77 0.01	66.38 4.28 0.00	58.40 3.67 0.01	48.67 2.93 0.00	44.17 2.77 0.00

DANSKAMMER___4 23591	40.71 2.08 0.00	37.22 1.91 0.00	34.91 1.72 0.00	33.85 1.64 0.00	34.28 1.57 0.00	35.89 1.55 0.00	38.46 1.66 0.00	41.04 2.03 0.00	40.85 2.28 0.00	39.54 2.13 0.00	41.10 2.33 0.00	43.35 2.76 0.00	46.18 3.14 0.00	47.59 3.24 0.00	51.17 3.66 0.00	54.81 3.83 0.00	60.32 4.47 0.00	72.14 5.65 0.00	72.70 4.94 0.01	72.91 4.77 0.01	66.38 4.28 0.00	58.40 3.67 0.01	48.67 2.93 0.00	44.17 2.77 0.00
DANSKAMMER___DIESEL 23592	40.72 2.09 0.00	37.26 1.94 0.00	34.91 1.73 0.00	33.88 1.67 0.00	34.28 1.57 0.00	35.89 1.55 0.00	38.49 1.69 0.00	41.04 2.03 0.00	40.85 2.28 0.00	39.54 2.13 0.00	41.18 2.40 0.00	43.31 2.72 0.00	46.18 3.14 0.00	47.60 3.24 0.00	51.16 3.66 0.00	54.86 3.87 0.00	60.37 4.52 0.00	72.21 5.72 0.00	72.77 5.01 0.01	72.91 4.77 0.01	66.38 4.28 0.00	58.40 3.67 0.01	48.66 2.93 0.00	44.17 2.77 0.00
DARBY___SOLAR 323810	40.52 1.89 0.00	37.11 1.80 0.00	34.87 1.69 0.00	33.75 1.55 0.00	34.31 1.60 0.00	36.03 1.68 0.00	38.38 1.58 0.00	40.53 1.52 0.00	39.80 1.23 0.00	38.35 0.94 0.00	39.55 0.78 0.00	41.48 0.89 0.00	43.90 0.86 0.00	45.33 0.97 0.00	48.70 1.19 0.00	52.41 1.43 0.00	57.36 1.51 0.00	68.55 2.06 0.00	70.40 2.64 0.00	70.95 2.80 0.00	64.96 2.86 0.00	57.48 2.74 0.00	47.89 2.15 0.00	43.55 2.15 0.00
DASHVILLE___HYD 23610	40.72 2.09 0.00	37.26 1.94 0.00	34.91 1.73 0.00	33.88 1.67 0.00	34.28 1.57 0.00	35.86 1.51 0.00	38.42 1.62 0.00	41.00 1.99 0.00	40.77 2.20 0.00	39.47 2.06 0.00	41.10 2.33 0.00	43.27 2.68 0.00	46.14 3.10 0.00	47.51 3.15 0.00	51.12 3.61 0.00	54.80 3.82 0.00	60.32 4.47 0.00	72.14 5.65 0.00	72.70 4.95 0.01	72.85 4.70 0.01	66.38 4.28 0.00	58.35 3.61 0.01	48.66 2.93 0.00	44.17 2.77 0.00
DELAWARE___LFGE 323621	39.52 0.89 0.00	36.13 0.81 0.00	33.91 0.73 0.00	32.92 0.71 0.00	33.39 0.69 0.00	35.07 0.72 0.00	37.53 0.74 0.00	39.79 0.78 0.00	39.38 0.81 0.00	38.16 0.75 0.00	39.63 0.85 0.00	41.65 0.97 -0.09	44.39 1.12 -0.23	45.72 1.11 -0.25	49.14 1.33 -0.31	52.31 1.27 -0.05	57.41 1.56 0.01	68.50 1.99 -0.01	69.57 1.83 0.02	69.89 1.77 0.04	63.65 1.55 0.00	56.09 1.37 0.03	46.84 1.10 0.00	42.43 1.03 0.01
DERFIELD_115KV_TB7 355931	38.71 0.08 0.00	35.42 0.11 0.00	33.28 0.10 0.00	32.31 0.10 0.00	32.77 0.07 0.00	34.41 0.07 0.00	36.84 0.04 0.00	39.05 0.04 0.00	38.61 0.04 0.00	37.45 0.04 0.00	38.82 0.04 0.00	40.63 0.04 0.00	43.08 0.04 0.00	44.40 0.04 0.00	47.55 0.05 0.00	51.03 0.05 0.00	55.91 0.06 0.00	66.56 0.07 0.00	67.89 0.14 0.00	68.22 0.07 0.00	62.16 0.06 0.00	54.85 0.11 0.00	45.78 0.05 0.00	41.48 0.08 0.00
DOGLEVILLE___HYD 23807	38.78 0.15 0.00	35.53 0.21 0.00	33.38 0.20 0.00	32.40 0.19 0.00	32.90 0.20 0.00	34.59 0.24 0.00	37.06 0.26 0.00	39.20 0.20 0.00	38.73 0.15 0.00	37.56 0.15 0.00	38.93 0.16 0.00	40.75 0.16 0.00	43.21 0.17 0.00	44.58 0.22 0.00	47.60 0.10 0.00	51.03 0.05 0.00	55.96 0.11 0.00	66.62 0.13 0.00	67.89 0.14 0.00	68.15 0.00 0.00	62.04 -0.06 0.00	54.63 -0.11 0.00	45.69 -0.05 0.00	41.48 0.08 0.00
DUNKIRK__115KV_TB_200 55889	35.89 -2.74 0.00	32.42 -2.90 0.00	30.46 -2.72 0.00	29.41 -2.80 0.00	29.86 -2.85 0.00	31.29 -3.06 0.00	33.19 -3.61 0.00	34.94 -4.06 0.01	34.64 -3.93 0.00	33.89 -3.52 0.00	35.37 -3.41 0.00	36.73 -3.86 0.00	38.80 -4.13 0.10	40.05 -4.26 0.04	42.76 -3.94 0.81	42.96 -4.79 3.23	46.07 -5.14 4.65	53.37 -5.05 8.06	57.13 -6.10 4.53	58.79 -6.00 3.36	54.33 -4.97 2.80	47.36 -5.04 2.35	40.58 -4.12 1.04	36.36 -4.22 0.82
DUNKIRK___1 23563	35.89 -2.74 0.00	32.42 -2.90 0.00	30.46 -2.72 0.00	29.41 -2.80 0.00	29.86 -2.85 0.00	31.29 -3.06 0.00	33.19 -3.61 0.00	34.94 -4.06 0.01	34.64 -3.93 0.00	33.89 -3.52 0.00	35.37 -3.41 0.00	36.73 -3.86 0.00	38.80 -4.13 0.10	40.05 -4.26 0.04	42.76 -3.94 0.81	42.96 -4.79 3.23	46.07 -5.14 4.65	53.37 -5.05 8.06	57.13 -6.10 4.53	58.79 -6.00 3.36	54.33 -4.97 2.80	47.36 -5.04 2.35	40.58 -4.12 1.04	36.36 -4.22 0.82
DUNKIRK___2 23564	35.89 -2.74 0.00	32.42 -2.90 0.00	30.46 -2.72 0.00	29.41 -2.80 0.00	29.86 -2.85 0.00	31.29 -3.06 0.00	33.19 -3.61 0.00	34.94 -4.06 0.01	34.64 -3.93 0.00	33.89 -3.52 0.00	35.37 -3.41 0.00	36.73 -3.86 0.00	38.80 -4.13 0.10	40.05 -4.26 0.04	42.76 -3.94 0.81	42.96 -4.79 3.23	46.07 -5.14 4.65	53.37 -5.05 8.06	57.13 -6.10 4.53	58.79 -6.00 3.36	54.33 -4.97 2.80	47.36 -5.04 2.35	40.58 -4.12 1.04	36.36 -4.22 0.82
DUNKIRK___3 23565	35.73 -2.90 0.00	32.31 -3.00 0.00	30.36 -2.82 0.00	29.34 -2.87 0.00	29.80 -2.91 0.00	31.22 -3.13 0.00	33.12 -3.68 0.00	34.86 -4.13 0.01	34.56 -4.01 0.00	33.82 -3.59 0.00	35.25 -3.53 0.00	36.61 -3.98 0.00	38.67 -4.26 0.11	39.97 -4.35 0.04	42.58 -4.09 0.85	42.71 -4.89 3.38	45.81 -5.19 4.85	52.82 -5.19 8.49	56.72 -6.37 4.67	58.37 -6.41 3.38	54.01 -5.28 2.81	47.13 -5.26 2.36	40.39 -4.30 1.05	36.23 -4.35 0.82
DUNKIRK___4 23566	35.73 -2.90 0.00	32.31 -3.00 0.00	30.36 -2.82 0.00	29.34 -2.87 0.00	29.80 -2.91 0.00	31.22 -3.13 0.00	33.12 -3.68 0.00	34.86 -4.13 0.01	34.56 -4.01 0.00	33.82 -3.59 0.00	35.25 -3.53 0.00	36.61 -3.98 0.00	38.67 -4.26 0.11	39.97 -4.35 0.04	42.58 -4.09 0.85	42.71 -4.89 3.38	45.81 -5.19 4.85	52.82 -5.19 8.49	56.72 -6.37 4.67	58.37 -6.41 3.38	54.01 -5.28 2.81	47.13 -5.26 2.36	40.39 -4.30 1.05	36.23 -4.35 0.82
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	40.72 2.09 0.00	37.29 1.98 0.00	34.94 1.76 0.00	33.95 1.74 0.00	34.34 1.64 0.00	35.93 1.58 0.00	38.53 1.73 0.00	41.15 2.15 0.00	41.12 2.55 0.00	39.92 2.51 0.00	41.65 2.87 0.00	43.83 3.25 0.00	46.69 3.66 0.00	48.08 3.73 0.00	51.59 4.09 0.00	55.26 4.28 0.00	60.93 5.08 0.00	72.81 6.32 0.00	73.38 5.62 0.01	73.46 5.32 0.01	66.57 4.47 0.00	58.62 3.89 0.01	48.89 3.16 0.00	44.34 2.94 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	40.44 1.82 0.00	37.01 1.70 0.00	34.67 1.49 0.00	33.69 1.48 0.00	34.08 1.37 0.00	35.68 1.34 0.00	38.27 1.47 0.00	40.84 1.83 0.00	40.65 2.08 0.00	39.36 1.95 0.00	40.99 2.21 0.00	43.14 2.56 0.00	45.96 2.93 0.00	47.33 2.97 0.00	50.88 3.37 0.00	54.55 3.57 0.00	60.04 4.19 0.00	71.74 5.25 0.00	72.43 4.68 0.01	72.57 4.43 0.01	66.01 3.91 0.00	58.07 3.34 0.01	48.44 2.70 0.00	43.88 2.48 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	40.87 2.24 0.00	37.40 2.08 0.00	35.25 2.06 -0.01	34.24 2.03 0.00	34.60 1.90 0.00	35.93 1.58 0.00	38.42 1.62 0.00	41.04 2.03 0.00	41.12 2.55 0.00	39.95 2.54 0.00	41.89 3.10 -0.01	43.94 3.33 -0.03	46.80 3.74 -0.02	58.84 3.77 -10.72	59.38 4.13 -7.74	59.63 4.33 -4.31	60.95 5.08 -0.02	72.61 6.12 0.00	73.10 5.35 0.01	73.11 4.98 0.02	66.19 4.10 0.01	58.68 3.94 0.01	49.03 3.29 0.00	44.75 3.35 0.00

E179THST_13_KV_LOAD 356214	41.10 2.47 0.00	37.57 2.26 0.00	35.41 2.22 -0.01	34.37 2.16 0.00	34.73 2.03 0.00	36.06 1.72 0.00	38.57 1.77 0.00	41.23 2.22 0.00	41.31 2.74 0.00	40.14 2.73 0.00	42.08 3.30 -0.01	44.19 3.57 -0.03	47.06 4.00 -0.02	59.11 4.04 -10.72	59.66 4.42 -7.74	59.93 4.64 -4.31	61.29 5.42 -0.02	73.07 6.58 0.00	73.51 5.76 0.01	73.52 5.38 0.02	66.56 4.47 0.01	59.00 4.27 0.01	49.26 3.52 0.00	44.96 3.56 0.00
EAST HAMPTON___GT 23717	41.72 3.09 0.00	38.78 3.46 0.00	36.80 3.62 0.00	35.85 3.64 0.00	36.27 3.57 0.00	38.02 3.68 0.00	40.44 3.64 0.00	43.03 4.02 0.00	43.75 5.17 -0.01	42.32 4.90 -0.01	44.99 5.23 -0.98	46.77 5.80 -0.38	49.03 5.98 -0.02	52.77 5.99 -2.43	56.07 6.32 -2.24	61.63 6.42 -4.23	64.83 7.59 -1.38	77.08 9.58 -1.01	77.16 8.68 -0.73	79.94 7.56 -4.22	68.11 5.90 -0.11	60.05 5.20 -0.11	50.18 4.44 -0.01	45.50 4.10 -0.01
EAST RIVER___6 23660	40.99 2.36 0.00	37.50 2.19 0.00	35.14 1.96 0.00	34.11 1.90 0.00	34.54 1.83 0.00	36.10 1.75 0.00	38.67 1.88 0.00	41.35 2.34 0.00	41.43 2.85 0.00	40.22 2.81 0.00	42.00 3.22 -0.01	44.31 3.69 -0.03	51.02 4.09 -3.89	59.19 4.26 -10.57	59.79 4.66 -7.63	60.08 4.85 -4.25	65.55 5.70 -4.00	73.47 6.98 0.00	73.92 6.17 0.01	74.14 6.00 0.01	67.25 5.15 0.00	59.28 4.54 0.01	49.31 3.57 0.00	44.75 3.35 0.00
EAST RIVER___7 23524	40.99 2.36 0.00	37.50 2.19 0.00	35.14 1.96 0.00	34.11 1.90 0.00	34.54 1.83 0.00	36.10 1.75 0.00	38.67 1.88 0.00	41.35 2.34 0.00	41.43 2.85 0.00	40.22 2.81 0.00	42.00 3.22 -0.01	44.31 3.69 -0.03	51.02 4.09 -3.89	59.19 4.26 -10.57	59.79 4.66 -7.63	60.08 4.85 -4.25	65.55 5.70 -4.00	73.47 6.98 0.00	73.92 6.17 0.01	74.14 6.00 0.01	67.25 5.15 0.00	59.28 4.54 0.01	49.31 3.57 0.00	44.75 3.35 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	40.64 2.01 0.00	37.19 1.87 0.00	34.87 1.69 0.00	33.88 1.67 0.00	34.28 1.57 0.00	35.86 1.51 0.00	38.45 1.66 0.00	41.04 2.03 0.00	41.00 2.43 0.00	39.80 2.39 0.00	41.49 2.71 0.00	43.67 3.08 0.00	46.52 3.49 0.00	47.91 3.55 0.00	51.40 3.90 0.00	55.06 4.08 0.00	60.71 4.86 0.00	72.54 6.05 0.00	73.17 5.42 0.01	73.25 5.11 0.01	66.38 4.28 0.00	58.46 3.72 0.01	48.76 3.02 0.00	44.21 2.82 0.00
EAST_HAMPTON___DIESEL 23722	41.68 3.05 0.00	38.74 3.42 0.00	36.80 3.62 0.00	35.82 3.61 0.00	36.27 3.57 0.00	38.02 3.68 0.00	40.44 3.64 0.00	43.07 4.06 0.00	43.75 5.17 -0.01	42.32 4.90 -0.01	44.99 5.23 -0.98	46.77 5.80 -0.38	49.03 5.98 -0.02	52.77 5.99 -2.43	56.07 6.32 -2.24	61.63 6.42 -4.23	64.83 7.59 -1.38	77.01 9.51 -1.01	77.09 8.61 -0.73	79.87 7.50 -4.22	68.04 5.84 -0.11	59.99 5.14 -0.11	50.14 4.39 -0.01	45.46 4.06 -0.01
EAST_POINT___SOLAR 323840	40.87 2.24 0.00	37.40 2.08 0.00	35.10 1.92 0.00	33.98 1.77 0.00	34.57 1.86 0.00	36.37 2.03 0.00	38.53 1.73 0.00	40.34 1.33 0.00	39.00 0.43 0.00	37.56 0.15 0.00	38.97 0.19 0.00	41.03 0.45 0.00	43.81 0.78 0.00	45.33 0.97 0.00	48.60 1.09 0.00	52.46 1.48 0.00	57.86 2.01 0.00	69.35 2.86 0.00	71.21 3.45 0.01	72.16 4.02 0.01	65.89 3.79 0.00	58.24 3.51 0.01	48.57 2.84 0.00	43.96 2.57 0.00
EAST_PULASKI___ESR 323781	38.13 -0.50 0.00	34.89 -0.42 0.00	32.78 -0.40 0.00	31.86 -0.35 0.00	32.41 -0.29 0.00	34.11 -0.24 0.00	36.50 -0.30 0.00	38.62 -0.39 0.00	38.03 -0.54 0.00	36.89 -0.52 0.00	38.20 -0.58 0.00	40.48 -0.81 -0.70	43.96 -0.91 -1.83	45.47 -0.89 -2.00	49.23 -0.85 -2.57	51.44 -0.87 -1.33	56.25 -0.95 -1.35	67.09 -1.33 -1.93	68.35 8.61 -1.68	68.95 -0.95 -1.75	63.03 -0.74 -1.67	55.20 -0.77 -1.22	45.77 -0.60 -0.62	41.29 -0.54 -0.43
EAST_RIVER___1 323558	40.91 2.28 0.00	37.43 2.12 0.00	35.10 1.92 0.00	34.04 1.83 0.00	34.47 1.76 0.00	36.03 1.68 0.00	38.64 1.84 0.00	41.35 2.34 0.00	41.39 2.81 0.00	40.18 2.77 0.00	41.93 3.14 -0.01	44.23 3.61 -0.03	50.88 3.96 -3.89	59.05 4.13 -10.57	59.60 4.46 -7.63	59.92 4.69 -4.25	65.38 5.53 -4.00	73.28 6.79 0.00	73.78 6.03 0.01	73.93 5.79 0.01	67.00 4.90 0.00	59.06 4.32 0.01	49.17 3.43 0.00	44.63 3.23 0.00
EAST_RIVER___2 323559	40.99 2.36 0.00	37.50 2.19 0.00	35.14 1.96 0.00	34.11 1.90 0.00	34.54 1.83 0.00	36.10 1.75 0.00	38.67 1.88 0.00	41.35 2.34 0.00	41.43 2.85 0.00	40.22 2.81 0.00	42.00 3.22 -0.01	44.31 3.69 -0.03	51.02 4.09 -3.89	59.19 4.26 -10.57	59.79 4.66 -7.63	60.08 4.85 -4.25	65.55 5.70 -4.00	73.47 6.98 0.00	73.92 6.17 0.01	74.14 6.00 0.01	67.25 5.15 0.00	59.28 4.54 0.01	49.31 3.57 0.00	44.75 3.35 0.00
EAST___DELAWARE_HYD 23607	40.33 1.70 0.00	36.87 1.55 0.00	34.54 1.36 0.00	33.50 1.29 0.00	33.95 1.24 0.00	35.55 1.20 0.00	38.09 1.29 0.00	40.65 1.64 0.00	40.38 1.81 0.00	39.10 1.69 0.00	40.64 1.86 0.00	42.82 2.23 0.00	45.58 2.54 0.00	47.02 2.66 0.00	50.59 3.09 0.00	54.20 3.21 0.00	59.65 3.80 0.00	71.34 4.85 0.00	72.02 4.27 0.01	72.23 4.09 0.01	65.95 3.85 0.00	57.96 3.23 0.01	48.25 2.51 0.00	43.71 2.32 0.00
EIGHT_POINT___WT_PWR 323820	37.62 -1.00 0.00	34.26 -1.06 0.00	32.12 -1.06 0.00	31.21 -1.00 0.00	31.59 -1.11 0.00	33.21 -1.13 0.00	35.36 -1.44 0.00	37.21 -1.83 -0.04	36.61 -1.97 0.00	35.77 -1.65 0.00	36.88 -1.90 0.00	38.66 -2.03 -0.10	41.17 -2.37 -0.50	42.13 -2.48 -0.25	47.02 -2.18 -1.70	53.11 -2.45 -4.58	59.29 -2.74 -6.17	78.32 -2.99 -14.82	67.09 -3.53 -2.86	62.43 -3.41 2.32	57.67 -2.42 2.01	50.50 -2.63 1.62	42.70 -2.29 0.75	38.35 -2.48 0.56
ELBRIDGE_115KV_TB2 80188	38.09 -0.54 0.00	34.82 -0.49 0.00	32.72 -0.46 0.00	31.73 -0.48 0.00	32.25 -0.46 0.00	33.86 -0.48 0.00	36.25 -0.55 0.00	38.38 -0.62 0.00	37.88 -0.69 0.00	36.81 -0.60 0.00	38.12 -0.66 0.00	40.27 -0.81 -0.49	43.45 -0.86 -1.27	44.94 -0.80 -1.38	48.32 -0.86 -1.66	50.45 -0.82 -0.29	54.90 -0.95 0.00	65.19 -1.33 -0.03	66.61 -1.15 0.00	67.06 -1.09 0.00	61.29 -0.81 0.00	53.98 -0.77 0.00	45.01 -0.73 0.00	40.70 -0.70 0.00
ELEC_TRO_TEK 24086	41.29 2.67 0.00	37.86 2.54 0.00	35.47 2.29 0.00	34.40 2.19 0.00	34.80 2.09 0.00	36.37 2.03 0.00	38.86 2.06 0.00	41.50 2.50 0.00	41.73 3.16 0.00	40.52 3.11 0.00	43.13 3.37 -0.98	44.74 3.77 -0.38	47.23 4.17 -0.02	54.69 4.26 -6.08	68.92 4.75 -16.66	87.33 5.00 -31.35	71.96 5.81 -10.30	81.26 7.25 -7.53	79.89 6.64 -5.49	105.90 6.41 -31.34	68.36 5.40 -0.86	60.33 4.71 -0.88	49.58 3.84 0.00	45.00 3.60 0.00
ELLENBURG_WT_PWR 323604	38.17 -0.46 0.00	34.79 -0.53 0.00	32.85 -0.33 0.00	31.92 -0.29 0.00	32.44 -0.26 0.00	34.17 -0.17 0.00	36.73 -0.07 0.00	38.93 -0.08 0.00	38.42 -0.15 0.00	37.30 -0.11 0.00	38.62 -0.15 0.00	40.51 -0.08 0.00	42.95 -0.09 0.00	44.18 -0.18 0.00	47.32 -0.19 0.00	50.73 -0.25 0.00	55.52 -0.33 0.00	66.16 -0.33 0.00	67.49 -0.27 0.00	67.88 -0.27 0.00	61.79 -0.31 0.00	54.36 -0.38 0.00	45.51 -0.23 0.00	41.07 -0.33 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	35.42 -3.21 0.00	32.07 -3.25 0.00	30.16 -3.02 0.00	29.18 -3.03 0.00	29.66 -3.04 0.00	31.08 -3.26 0.00	32.90 -3.90 0.00	34.63 -4.37 0.01	34.37 -4.20 0.00	33.63 -3.78 0.00	35.02 -3.76 0.00	36.37 -4.22 0.00	38.28 -4.65 0.11	39.79 -4.52 0.05	41.96 -4.66 0.89	42.29 -5.15 3.54	45.07 -5.70 5.08	51.22 -6.38 8.88	55.77 -7.11 4.88	57.34 -7.29 3.52	53.29 -5.90 2.91	46.71 -5.58 2.45	40.17 -4.48 1.09	36.07 -4.47 0.85
EMPIRE_CC_1 323656	39.33 0.70 0.00	36.02 0.71 0.00	33.84 0.66 0.00	32.82 0.61 0.00	33.30 0.59 0.00	34.96 0.62 0.00	37.24 0.44 0.00	39.36 0.35 0.00	38.88 0.31 0.00	37.60 0.19 0.00	38.93 0.16 0.00	40.75 0.16 0.00	43.12 0.09 0.00	44.49 0.13 0.00	47.60 0.10 0.00	51.03 0.05 0.00	55.91 0.06 0.00	66.49 0.00 0.00	67.89 0.14 0.00	68.36 0.21 0.00	62.22 0.12 0.00	55.13 0.39 0.00	46.06 0.32 0.00	42.06 0.66 0.00
EMPIRE_CC_2 323658	39.33 0.70 0.00	36.02 0.71 0.00	33.84 0.66 0.00	32.82 0.61 0.00	33.30 0.59 0.00	34.96 0.62 0.00	37.24 0.44 0.00	39.36 0.35 0.00	38.88 0.31 0.00	37.60 0.19 0.00	38.93 0.16 0.00	40.75 0.16 0.00	43.12 0.09 0.00	44.49 0.13 0.00	47.60 0.10 0.00	51.03 0.05 0.00	55.91 0.06 0.00	66.49 0.00 0.00	67.89 0.14 0.00	68.36 0.21 0.00	62.22 0.12 0.00	55.13 0.39 0.00	46.06 0.32 0.00	42.06 0.66 0.00
ENORWICH_115KV_TB1 80156	40.41 1.78 0.00	36.90 1.59 0.00	34.61 1.43 0.00	33.59 1.38 0.00	34.18 1.47 0.00	35.99 1.65 0.00	38.49 1.69 0.00	40.57 1.56 0.00	39.77 1.20 0.00	38.42 1.01 0.00	39.83 1.05 0.00	41.80 1.01 -0.19	44.67 1.12 -0.51	46.18 1.29 -0.53	49.79 1.62 -0.67	52.59 1.53 -0.08	57.67 1.90 0.08	69.50 2.73 -0.28	70.54 3.18 0.40	70.75 3.34 0.75	64.54 3.10 0.66	56.79 2.57 0.52	47.37 1.88 0.25	42.87 1.66 0.18
ERIE_ST__34_KV_TB1-2 80199	35.54 -3.09 0.00	32.14 -3.18 0.00	30.23 -2.95 0.00	29.21 -3.00 0.00	29.70 -3.01 0.00	31.15 -3.19 0.00	33.08 -3.72 0.00	34.75 -4.25 0.01	34.48 -4.09 0.00	33.78 -3.63 0.00	35.21 -3.57 0.00	36.61 -3.98 0.00	38.94 -4.00 0.10	39.83 -4.48 0.04	43.15 -3.56 0.79	42.65 -5.15 3.18	46.14 -5.14 4.58	54.62 -4.06 7.82	56.28 -6.98 4.50	57.66 -7.09 3.41	53.11 -6.15 2.84	46.51 -5.86 2.38	39.88 -4.80 1.06	35.77 -4.80 0.83
ERIE_WT_PWR 323693	35.58 -3.05 0.00	32.28 -3.04 0.00	30.29 -2.89 0.00	29.50 -2.71 0.00	29.76 -2.94 0.00	31.19 -3.16 0.00	33.08 -3.72 0.00	34.82 -4.17 0.01	34.52 -4.05 0.00	33.82 -3.59 0.00	34.94 -3.84 0.00	36.61 -3.98 0.11	38.50 -4.43 0.05	39.74 -4.57 0.84	42.39 -4.28 0.84	42.71 -4.89 3.38	45.58 -5.42 4.85	52.45 -5.59 8.46	56.49 -6.57 4.69	57.77 -6.95 3.43	53.53 -5.71 2.86	46.87 -5.47 2.40	40.28 -4.39 1.07	36.18 -4.39 0.83
ESPRGFLD_115KV_TB1 80157	40.14 1.51 0.00	36.73 1.41 0.00	34.44 1.26 0.00	33.40 1.19 0.00	33.95 1.24 0.00	35.68 1.34 0.00	38.12 1.32 0.00	40.26 1.25 0.00	39.50 0.93 0.00	38.20 0.79 0.00	39.63 0.85 0.00	41.56 0.97 0.00	44.24 1.21 0.00	45.64 1.29 0.00	48.98 1.47 0.00	52.56 1.58 0.00	57.86 2.01 0.00	69.15 2.66 0.00	70.59 2.85 0.01	71.06 2.93 0.02	64.83 2.73 0.00	57.14 2.41 0.01	47.66 1.92 0.00	43.17 1.78 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	38.94 0.31 0.00	35.60 0.28 0.00	33.41 0.23 0.00	32.40 0.19 0.00	32.97 0.26 0.00	34.65 0.31 0.00	37.09 0.29 0.00	39.25 0.23 0.00	38.65 0.08 0.00	37.49 0.07 0.00	38.82 0.04 0.00	40.81 -0.04 -0.26	43.69 -0.04 -0.70	45.08 0.00 -0.73	48.60 0.14 -0.95	51.41 0.15 -0.27	56.26 0.28 -0.13	67.67 0.40 -0.78	68.00 0.54 0.30	68.01 0.68 0.82	62.17 0.81 0.74	54.83 0.66 0.57	45.83 0.37 0.28	41.49 0.29 0.20
ETNA____115KV_TB2 80207	38.94 0.31 0.00	35.60 0.28 0.00	33.41 0.23 0.00	32.40 0.19 0.00	32.97 0.26 0.00	34.65 0.31 0.00	37.09 0.29 0.00	39.25 0.23 0.00	38.65 0.08 0.00	37.49 0.07 0.00	38.82 0.04 0.00	40.81 -0.04 -0.26	43.69 -0.04 -0.70	45.08 0.00 -0.73	48.60 0.14 -0.95	51.41 0.15 -0.27	56.26 0.28 -0.13	67.67 0.40 -0.78	68.00 0.54 0.30	68.01 0.68 0.82	62.17 0.81 0.74	54.83 0.66 0.57	45.83 0.37 0.28	41.49 0.29 0.20
EUCLID___115KV_TB2 356179	37.90 -0.73 0.00	34.68 -0.64 0.00	32.55 -0.63 0.00	31.60 -0.61 0.00	32.12 -0.59 0.00	33.73 -0.62 0.00	36.10 -0.70 0.00	38.23 -0.78 0.00	37.76 -0.81 0.00	36.70 -0.71 0.00	38.00 -0.78 0.00	39.87 -0.93 -0.22	42.55 -1.03 -0.55	43.97 -0.98 -0.58	47.00 -1.05 -0.53	49.16 -1.02 0.80	53.31 -1.17 1.37	63.00 -1.60 1.90	64.57 -1.49 1.70	64.95 -1.43 1.77	59.23 -1.18 1.69	52.41 -1.09 1.24	44.14 -0.96 0.63	40.06 -0.91 0.43
E_CANADA_CAP_HY 24051	40.60 1.97 0.00	37.15 1.84 0.00	34.87 1.69 0.00	33.79 1.58 0.00	34.34 1.63 0.00	36.10 1.75 0.00	38.42 1.62 0.00	40.41 1.40 0.00	39.42 0.85 0.00	37.97 0.56 0.00	39.32 0.54 0.00	41.32 0.73 0.00	43.98 0.95 0.00	45.51 1.15 0.00	48.70 1.19 0.00	52.46 1.48 0.00	57.69 1.84 0.00	69.08 2.59 0.00	70.80 3.05 0.01	71.55 3.41 0.01	65.33 3.23 0.00	57.69 2.95 0.01	48.21 2.47 0.00	43.67 2.28 0.00
E_CANADA_MHWK_HY 24050	38.78 0.16 0.00	35.53 0.21 0.00	33.38 0.20 0.00	32.40 0.19 0.00	32.90 0.20 0.00	34.59 0.24 0.00	37.02 0.22 0.00	39.20 0.20 0.00	38.73 0.15 0.00	37.56 0.15 0.00	38.93 0.16 0.00	40.75 0.16 0.00	43.21 0.17 0.00	44.58 0.22 0.00	47.60 0.10 0.00	51.03 0.05 0.00	55.96 0.11 0.00	66.62 0.13 0.00	67.89 0.14 0.00	68.15 0.00 0.00	62.04 -0.06 0.00	54.63 -0.11 0.00	45.69 -0.05 0.00	41.48 0.08 0.00
E_FISHKILL___LBMP 23776	40.33 1.70 0.00	36.94 1.62 0.00	34.64 1.46 0.00	33.66 1.45 0.00	34.05 1.34 0.00	35.62 1.27 0.00	38.20 1.40 0.00	40.72 1.72 0.00	40.62 2.04 0.00	39.39 1.98 0.00	41.03 2.25 0.00	43.18 2.60 0.00	45.96 2.93 0.00	47.33 2.97 0.00	50.78 3.28 0.00	54.40 3.42 0.00	59.93 4.08 0.00	71.54 5.05 0.00	72.29 4.54 0.01	72.37 4.23 0.01	65.70 3.60 0.00	57.86 3.12 0.01	48.25 2.52 0.00	43.80 2.40 0.00
FALCON___SEABRD_CC1 323796	38.32 -0.31 0.00	34.89 -0.42 0.00	32.95 -0.23 0.00	32.05 -0.16 0.00	32.58 -0.13 0.00	34.31 -0.03 0.00	36.87 0.07 0.00	39.09 0.08 0.00	38.61 0.04 0.00	37.49 0.07 0.00	38.82 0.04 0.00	40.71 0.12 0.00	43.21 0.17 0.00	44.40 0.04 0.00	47.55 0.05 0.00	51.03 0.05 0.00	55.85 0.00 0.00	66.62 0.13 0.00	67.89 0.14 0.00	68.36 0.21 0.00	62.16 0.06 0.00	54.69 -0.05 0.00	45.74 0.00 0.00	41.28 -0.12 0.00
FALCON___SEABRD_CC2 323797	38.32 -0.31 0.00	34.89 -0.42 0.00	32.95 -0.23 0.00	32.05 -0.16 0.00	32.58 -0.13 0.00	34.31 -0.03 0.00	36.87 0.07 0.00	39.09 0.08 0.00	38.61 0.04 0.00	37.49 0.07 0.00	38.82 0.04 0.00	40.71 0.12 0.00	43.21 0.17 0.00	44.40 0.04 0.00	47.55 0.05 0.00	51.03 0.05 0.00	55.85 0.00 0.00	66.62 0.13 0.00	67.89 0.14 0.00	68.36 0.21 0.00	62.16 0.06 0.00	54.69 -0.05 0.00	45.74 0.00 0.00	41.28 -0.12 0.00

FAR ROCKAWAY___4 23548	41.84 3.21 0.00	38.32 3.00 0.00	35.87 2.69 0.00	34.79 2.58 0.00	35.19 2.49 0.00	36.78 2.44 0.00	39.26 2.47 0.00	41.97 2.96 0.00	42.24 3.66 0.00	41.00 3.59 0.00	43.71 3.96 -0.98	45.31 4.34 -0.38	47.87 4.82 -0.02	60.34 4.97 -11.01	89.22 5.56 -36.15	124.86 5.86 -68.01	85.06 6.87 -22.34	91.40 8.58 -16.33	87.68 8.00 -11.93	143.86 7.70 -68.00	70.56 6.58 -1.88	62.36 5.69 -1.93	50.31 4.57 0.00	45.62 4.22 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	40.91 2.28 0.00	37.47 2.15 0.00	35.11 1.92 0.00	34.11 1.90 0.00	34.51 1.80 0.00	36.03 1.68 0.00	38.68 1.88 0.00	41.35 2.34 0.00	41.39 2.82 0.00	40.18 2.77 0.00	41.97 3.18 -0.01	44.23 3.61 -0.03	50.94 4.00 -3.90	59.08 4.13 -10.60	59.67 4.51 -7.65	59.99 4.74 -4.26	65.45 5.59 -4.01	73.34 6.85 0.00	73.92 6.17 0.01	73.94 5.79 0.01	67.00 4.91 0.00	59.06 4.32 0.01	49.17 3.43 0.00	44.63 3.23 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	40.91 2.28 0.00	37.47 2.15 0.00	35.11 1.92 0.00	34.11 1.90 0.00	34.51 1.80 0.00	36.06 1.72 0.00	38.68 1.88 0.00	41.39 2.38 0.00	41.39 2.82 0.00	40.18 2.77 0.00	41.97 3.18 -0.01	44.23 3.61 -0.03	50.94 4.00 -3.90	59.08 4.13 -10.60	59.67 4.51 -7.65	59.99 4.74 -4.26	65.45 5.59 -4.01	73.34 6.85 0.00	73.92 6.17 0.01	73.94 5.79 0.01	67.00 4.91 0.00	59.06 4.32 0.01	49.17 3.43 0.00	44.63 3.23 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	40.87 2.24 0.00	37.43 2.12 0.00	35.07 1.89 0.00	34.11 1.90 0.00	34.47 1.77 0.00	36.03 1.68 0.00	38.68 1.88 0.00	41.35 2.34 0.00	41.39 2.82 0.00	40.18 2.77 0.00	41.97 3.18 -0.01	44.19 3.57 -0.03	50.94 4.00 -3.90	59.03 4.08 -10.60	59.62 4.47 -7.65	59.93 4.69 -4.26	65.39 5.53 -4.01	73.27 6.78 0.00	73.85 6.10 0.01	73.87 5.72 0.01	66.94 4.84 0.00	59.00 4.27 0.01	49.12 3.38 0.00	44.58 3.19 0.00
FARRAGUT___LBMP 323566	40.87 2.24 0.00	37.40 2.08 0.00	35.07 1.89 0.00	34.08 1.87 0.00	34.47 1.77 0.00	35.99 1.65 0.00	38.64 1.84 0.00	41.31 2.30 0.00	41.35 2.78 0.00	40.14 2.73 0.00	41.93 3.14 -0.01	44.15 3.53 -0.03	50.90 3.96 -3.90	58.99 4.04 -10.60	59.57 4.42 -7.65	59.88 4.64 -4.26	65.34 5.47 -4.01	73.21 6.72 0.00	73.78 6.03 0.01	73.80 5.66 0.01	66.88 4.78 0.00	58.95 4.22 0.01	49.08 3.34 0.00	44.54 3.15 0.00
FARRCKWY_69_KV_BK2 55825	41.84 3.21 0.00	38.32 3.00 0.00	35.87 2.69 0.00	34.79 2.58 0.00	35.19 2.49 0.00	36.78 2.44 0.00	39.26 2.47 0.00	41.97 2.96 0.00	42.24 3.66 0.00	41.00 3.59 0.00	43.71 3.96 -0.98	45.31 4.34 -0.38	47.87 4.82 -0.02	60.34 4.97 -11.01	89.22 5.56 -36.15	124.86 5.86 -68.01	85.06 6.87 -22.34	91.40 8.58 -16.33	87.68 8.00 -11.93	143.86 7.70 -68.00	70.56 6.58 -1.88	62.36 5.69 -1.93	50.31 4.57 0.00	45.62 4.22 0.00
FENNER___WINDPWR 24204	39.02 0.39 0.00	35.70 0.39 0.00	33.51 0.33 0.00	32.56 0.35 0.00	33.10 0.39 0.00	34.83 0.48 0.00	37.28 0.48 0.00	39.44 0.43 0.00	38.88 0.31 0.00	37.67 0.26 0.00	39.05 0.27 0.00	41.00 0.20 -0.21	43.78 0.22 -0.53	45.24 0.31 -0.57	48.55 0.43 -0.62	51.12 0.41 0.26	55.79 0.50 0.57	66.38 0.66 0.78	67.86 0.82 0.71	68.29 0.88 0.75	62.27 0.87 0.70	54.93 0.71 0.52	45.98 0.50 0.26	41.67 0.46 0.18
FIBERTEK___ENERGY 23856	38.28 -0.35 0.00	35.03 -0.28 0.00	32.88 -0.30 0.00	31.92 -0.29 0.00	32.44 -0.26 0.00	34.10 -0.24 0.00	36.50 -0.29 0.00	38.66 -0.35 0.00	38.15 -0.42 0.00	37.07 -0.34 0.00	38.39 -0.39 0.00	40.52 -0.53 -0.47	43.68 -0.56 -1.20	45.17 -0.49 -1.30	48.60 -0.48 -1.57	50.79 -0.46 -0.27	55.29 -0.56 0.00	65.66 -0.86 -0.03	67.01 -0.75 0.00	67.47 -0.68 0.00	61.66 -0.43 0.00	54.30 -0.44 0.00	45.28 -0.46 0.00	40.99 -0.41 0.00
FITZPATRICK___ 23598	37.43 -1.20 0.00	34.26 -1.06 0.00	32.19 -0.99 0.00	31.24 -0.97 0.00	31.73 -0.98 0.00	33.32 -1.03 0.00	35.66 -1.14 0.00	37.76 -1.25 0.00	37.30 -1.27 0.00	36.21 -1.20 0.00	37.50 -1.28 0.00	36.48 -1.54 2.56	34.80 -1.64 6.60	35.50 -1.69 7.17	37.10 -1.76 8.65	47.70 -1.79 1.50	53.84 -2.01 0.00	63.80 -2.53 0.16	65.32 -2.44 0.00	65.77 -2.39 0.00	59.99 -2.11 0.00	52.88 -1.86 0.00	44.14 -1.60 0.00	39.95 -1.45 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	40.75 2.12 0.00	37.29 1.98 0.00	34.94 1.76 0.00	33.95 1.74 0.00	34.34 1.64 0.00	35.96 1.61 0.00	38.53 1.73 0.00	41.11 2.11 0.00	40.89 2.31 0.00	39.58 2.17 0.00	41.22 2.44 0.00	43.35 2.76 0.00	46.26 3.23 0.00	47.64 3.28 0.00	51.26 3.75 0.00	54.96 3.98 0.00	60.49 4.64 0.00	72.28 5.78 0.00	72.90 5.15 0.01	73.05 4.91 0.01	66.51 4.41 0.00	58.46 3.72 0.01	48.76 3.02 0.00	44.21 2.82 0.00
FORT ORANGE___ 23900	39.36 0.73 0.00	36.06 0.74 0.00	33.84 0.66 0.00	32.82 0.61 0.00	33.30 0.59 0.00	34.93 0.58 0.00	37.28 0.48 0.00	39.44 0.43 0.00	38.96 0.39 0.00	37.64 0.23 0.00	38.97 0.19 0.00	40.87 0.29 0.00	43.38 0.34 0.00	44.76 0.40 0.00	47.89 0.38 0.00	51.34 0.36 0.00	56.30 0.44 0.00	67.09 0.60 0.00	68.44 0.68 0.00	68.90 0.75 0.00	62.78 0.68 0.00	55.51 0.77 0.00	46.42 0.69 0.00	42.23 0.83 0.00
FORT_DRUM_COGEN 23780	38.86 0.23 0.00	35.60 0.28 0.00	33.45 0.27 0.00	32.60 0.39 0.00	33.33 0.62 0.00	35.27 0.93 0.00	37.83 1.03 0.00	39.83 0.82 0.00	38.96 0.39 0.00	37.56 0.15 0.00	38.89 0.12 0.00	40.86 -0.08 -0.36	43.78 -0.17 -0.91	45.31 -0.04 -0.99	48.75 0.05 -1.20	51.24 0.05 -0.21	56.08 0.22 0.00	66.71 0.20 -0.02	68.50 0.75 0.00	69.18 1.02 0.00	62.97 0.87 0.00	55.45 0.71 0.00	46.33 0.59 0.00	41.98 0.58 0.00
FOX_HILLS___ESR 323835	40.41 1.78 0.00	37.08 1.76 0.00	34.77 1.59 0.00	33.65 1.45 0.01	34.07 1.37 0.01	35.57 1.23 0.01	38.08 1.29 0.01	40.71 1.71 0.01	38.31 2.20 2.46	38.36 2.24 1.30	41.54 2.75 -0.01	43.90 3.29 -0.03	50.68 3.70 -3.94	58.98 3.90 -10.72	59.66 4.42 -7.74	59.98 4.69 -4.31	64.83 4.92 -4.06	72.41 5.92 0.00	72.84 5.08 0.01	72.83 4.70 0.02	66.01 3.91 0.01	58.89 4.16 0.01	48.94 3.20 0.00	44.42 3.02 0.00
FPL_FAR_ROCK_GT1 24212	41.83 3.20 0.00	38.24 2.93 0.00	35.87 2.69 0.00	34.72 2.51 0.00	35.19 2.48 0.00	36.78 2.44 0.00	39.23 2.43 0.00	41.97 2.96 0.00	42.25 3.67 -0.01	40.97 3.56 -0.01	43.63 3.88 -0.98	45.35 4.38 -0.38	47.87 4.82 -0.02	60.43 5.05 -11.01	89.22 5.56 -36.15	124.86 5.86 -68.01	84.89 6.70 -22.34	91.41 8.58 -16.33	87.61 7.92 -11.93	143.86 7.70 -68.00	70.55 6.58 -1.88	62.47 5.80 -1.93	50.32 4.57 -0.01	45.63 4.22 -0.01
FPL_FAR_ROCK_GT2 23815	41.83 3.20 0.00	38.24 2.93 0.00	35.87 2.69 0.00	34.72 2.51 0.00	35.19 2.48 0.00	36.78 2.44 0.00	39.23 2.43 0.00	41.97 2.96 0.00	42.25 3.67 -0.01	40.97 3.56 -0.01	43.63 3.88 -0.98	45.35 4.38 -0.38	47.87 4.82 -0.02	60.43 5.05 -11.01	89.22 5.56 -36.15	124.86 5.86 -68.01	84.89 6.70 -22.34	91.41 8.58 -16.33	87.61 7.92 -11.93	143.86 7.70 -68.00	70.55 6.58 -1.88	62.47 5.80 -1.93	50.32 4.57 -0.01	45.63 4.22 -0.01

FRANKLIN_FALL_HYD 24054	38.17 -0.46 0.00	34.78 -0.53 0.00	32.85 -0.33 0.00	31.92 -0.29 0.00	32.44 -0.26 0.00	34.24 -0.10 0.00	36.80 0.00 0.00	39.05 0.04 0.00	38.46 -0.12 0.00	37.30 -0.11 0.00	38.62 -0.16 0.00	40.55 -0.04 0.00	42.95 -0.09 0.00	44.14 -0.22 0.00	47.27 -0.24 0.00	50.78 -0.20 0.00	55.57 -0.28 0.00	66.42 -0.07 0.00	67.62 -0.14 0.00	68.09 -0.07 0.00	61.97 -0.12 0.00	54.47 -0.27 0.00	45.60 -0.14 0.00	41.11 -0.29 0.00
FREEPORT_EQUS_GT1 23764	41.68 3.05 0.00	38.10 2.79 0.00	35.74 2.56 0.00	34.59 2.38 0.00	35.06 2.36 0.00	36.68 2.34 0.00	39.12 2.32 0.00	41.82 2.81 0.00	42.13 3.55 -0.01	40.86 3.44 -0.01	43.48 3.72 -0.98	45.19 4.22 -0.38	47.66 4.61 -0.02	54.68 4.79 -5.53	67.24 5.23 -14.51	83.74 5.46 -27.30	71.07 6.25 -8.96	81.02 7.98 -6.55	79.93 7.39 -4.78	102.53 7.09 -27.29	68.87 6.02 -0.75	60.93 5.42 -0.76	50.09 4.35 -0.01	45.42 4.01 -0.01
FREEPORT___CT2 23818	41.68 3.05 0.00	38.10 2.79 0.00	35.74 2.56 0.00	34.59 2.38 0.00	35.06 2.36 0.00	36.68 2.34 0.00	39.12 2.32 0.00	41.82 2.81 0.00	42.13 3.55 -0.01	40.86 3.44 -0.01	43.48 3.72 -0.98	45.19 4.22 -0.38	47.66 4.61 -0.02	54.68 4.79 -5.53	67.24 5.23 -14.51	83.74 5.46 -27.30	71.07 6.25 -8.96	81.02 7.98 -6.55	79.93 7.39 -4.78	102.53 7.09 -27.29	68.87 6.02 -0.75	60.93 5.42 -0.76	50.09 4.35 -0.01	45.42 4.01 -0.01
FRESHKLS_33_KV_LOAD 356253	40.41 1.78 0.00	37.08 1.76 0.00	34.77 1.59 0.00	33.65 1.45 0.01	34.07 1.37 0.01	35.54 1.20 0.01	38.04 1.25 0.01	40.71 1.71 0.01	38.31 2.20 2.46	38.36 2.24 1.30	41.54 2.75 -0.01	43.90 3.29 -0.03	50.68 3.70 -3.94	59.02 3.95 -10.72	59.71 4.46 -7.74	60.08 4.79 -4.31	64.83 4.92 -4.06	72.41 5.92 0.00	72.84 5.08 0.01	72.83 4.70 0.02	66.01 3.91 0.01	58.95 4.22 0.01	48.99 3.25 0.00	44.42 3.02 0.00
FULTON COGEN____ 23766	37.86 -0.77 0.00	34.64 -0.67 0.00	32.52 -0.66 0.00	31.56 -0.64 0.00	32.08 -0.62 0.00	33.73 -0.62 0.00	36.06 -0.74 0.00	38.19 -0.82 0.00	37.72 -0.85 0.00	36.66 -0.75 0.00	37.93 -0.85 0.00	40.36 -1.06 -0.83	44.08 -1.12 -2.16	45.66 -1.06 -2.37	49.45 -1.14 -3.08	51.58 -1.12 -1.72	56.39 -1.28 -1.82	67.36 -1.73 -2.60	68.46 -1.56 -2.26	69.01 -1.50 -2.35	63.11 -1.24 -2.25	55.24 -1.15 -1.64	45.53 -1.05 -0.84	41.02 -0.95 -0.57
FULTON___LFGE 323630	40.60 1.97 0.00	37.15 1.84 0.00	34.91 1.72 0.00	33.79 1.58 0.00	34.34 1.63 0.00	36.10 1.75 0.00	38.34 1.55 0.00	40.26 1.25 0.00	39.23 0.66 0.00	37.67 0.26 0.00	38.97 0.19 0.00	40.95 0.36 0.00	43.64 0.60 0.00	45.20 0.84 0.00	48.51 1.00 0.00	52.30 1.32 0.00	57.52 1.67 0.00	68.95 2.46 0.00	70.73 2.98 0.01	71.55 3.41 0.01	65.39 3.29 0.00	57.74 3.01 0.01	48.21 2.47 0.00	43.67 2.28 0.00
G.F.CEMENT___DRP 24184	41.22 2.59 0.00	37.75 2.44 0.00	35.44 2.26 0.00	34.27 2.06 0.00	34.86 2.16 0.00	36.65 2.30 0.00	39.01 2.21 0.00	41.19 2.18 0.00	40.38 1.81 0.00	38.83 1.42 0.00	39.94 1.16 0.00	41.93 1.34 0.00	44.33 1.29 0.00	45.78 1.42 0.00	49.26 1.76 0.00	53.02 2.04 0.00	58.09 2.23 0.00	69.42 2.93 0.00	71.62 3.86 0.00	72.24 4.09 0.00	66.32 4.22 0.00	58.74 4.00 0.00	48.85 3.11 0.00	44.38 2.98 0.00
GARDENVILLE___LBMP 24039	35.50 -3.13 0.00	32.14 -3.18 0.00	30.23 -2.95 0.00	29.21 -3.00 0.00	29.70 -3.01 0.00	31.12 -3.23 0.00	32.97 -3.83 0.00	34.70 -4.29 0.01	34.41 -4.17 0.00	33.71 -3.70 0.00	35.09 -3.68 0.00	36.45 -4.14 0.00	38.40 -4.52 0.12	39.83 -4.48 0.05	42.15 -4.42 0.94	42.17 -5.10 3.71	45.01 -5.53 5.32	51.12 -5.92 9.46	55.79 -6.98 4.99	57.62 -7.09 3.45	53.46 -5.78 2.86	46.81 -5.53 2.40	40.23 -4.44 1.07	36.09 -4.47 0.84
GARDNVLA_35_KV_LD 355827	35.65 -2.97 0.00	32.24 -3.07 0.00	30.33 -2.85 0.00	29.34 -2.87 0.00	29.83 -2.88 0.00	31.25 -3.09 0.00	33.16 -3.64 0.00	34.90 -4.10 0.01	34.64 -3.93 0.00	33.89 -3.52 0.00	35.33 -3.45 0.00	36.69 -3.90 0.00	38.76 -4.17 0.10	40.10 -4.21 0.05	42.67 -4.04 0.80	42.93 -4.84 3.21	45.93 -5.31 4.61	53.09 -5.45 7.95	56.65 -6.57 4.54	57.98 -6.75 3.43	53.72 -5.53 2.86	47.10 -5.26 2.39	40.42 -4.25 1.07	36.26 -4.31 0.83
GELCKHM___115KV_LOAD 80723	38.05 -0.58 0.00	34.82 -0.49 0.00	32.68 -0.50 0.00	31.69 -0.52 0.00	32.25 -0.46 0.00	33.86 -0.48 0.00	36.25 -0.55 0.00	38.38 -0.62 0.00	37.92 -0.66 0.00	36.85 -0.56 0.00	38.16 -0.62 0.00	40.12 -0.77 -0.31	42.95 -0.86 -0.78	44.40 -0.80 -0.84	47.60 -0.81 -0.90	49.72 -0.82 0.44	53.98 -0.95 0.92	63.90 -1.33 1.26	65.47 -1.15 1.14	65.81 -1.16 1.19	60.10 -0.87 1.13	53.09 -0.82 0.83	44.54 -0.78 0.42	40.41 -0.70 0.29
GENERAL___MILLS 23808	35.58 -3.05 0.00	32.17 -3.14 0.00	30.26 -2.92 0.00	29.28 -2.93 0.00	29.76 -2.94 0.00	31.19 -3.16 0.00	33.05 -3.75 0.00	34.78 -4.21 0.01	34.48 -4.09 0.00	33.78 -3.63 0.00	35.17 -3.61 0.00	36.57 -4.02 0.00	38.58 -4.35 0.11	39.92 -4.39 0.05	42.43 -4.23 0.84	42.56 -5.05 3.38	45.53 -5.47 4.85	52.38 -5.65 8.46	56.22 -6.84 4.69	57.70 -7.02 3.43	53.53 -5.71 2.86	46.87 -5.47 2.40	40.28 -4.39 1.07	36.14 -4.43 0.83
GE_PLASTICS___DRP 24183	39.21 0.58 0.00	35.91 0.60 0.00	33.71 0.53 0.00	32.72 0.52 0.00	33.20 0.49 0.00	34.83 0.48 0.00	37.20 0.40 0.00	39.40 0.39 0.00	38.96 0.39 0.00	37.67 0.26 0.00	39.09 0.31 0.00	40.99 0.41 0.00	43.47 0.43 0.00	44.76 0.40 0.00	47.93 0.43 0.00	51.39 0.41 0.00	56.35 0.50 0.00	67.09 0.60 0.00	68.37 0.61 0.00	68.70 0.55 0.00	62.60 0.50 0.00	55.34 0.60 0.00	46.24 0.50 0.00	42.06 0.66 0.00
GILBOA___1 23756	39.40 0.77 0.00	36.06 0.74 0.00	33.84 0.66 0.00	32.82 0.61 0.00	33.33 0.62 0.00	34.93 0.58 0.00	37.35 0.55 0.00	39.63 0.62 0.00	39.30 0.73 0.00	38.08 0.67 0.00	39.51 0.73 0.00	41.48 0.89 0.00	44.03 0.99 0.00	45.33 0.97 0.00	48.55 1.04 0.00	52.00 1.02 0.00	57.08 1.23 0.00	67.95 1.46 0.00	69.03 1.28 0.01	69.37 1.23 0.01	63.15 1.05 0.00	55.83 1.09 0.01	46.60 0.87 0.00	42.35 0.95 0.00
GILBOA___2 23757	39.40 0.77 0.00	36.06 0.74 0.00	33.84 0.66 0.00	32.82 0.61 0.00	33.33 0.62 0.00	34.93 0.58 0.00	37.35 0.55 0.00	39.63 0.62 0.00	39.30 0.73 0.00	38.08 0.67 0.00	39.51 0.73 0.00	41.48 0.89 0.00	44.03 0.99 0.00	45.33 0.97 0.00	48.55 1.04 0.00	52.00 1.02 0.00	57.08 1.23 0.00	67.95 1.46 0.00	69.03 1.28 0.01	69.37 1.23 0.01	63.15 1.05 0.00	55.83 1.09 0.01	46.60 0.87 0.00	42.35 0.95 0.00
GILBOA___3 23758	39.40 0.77 0.00	36.06 0.74 0.00	33.84 0.66 0.00	32.82 0.61 0.00	33.33 0.62 0.00	34.93 0.58 0.00	37.35 0.55 0.00	39.63 0.62 0.00	39.30 0.73 0.00	38.08 0.67 0.00	39.51 0.73 0.00	41.48 0.89 0.00	44.03 0.99 0.00	45.33 0.97 0.00	48.55 1.04 0.00	52.00 1.02 0.00	57.08 1.23 0.00	67.95 1.46 0.00	69.03 1.28 0.01	69.37 1.23 0.01	63.15 1.05 0.00	55.83 1.09 0.01	46.60 0.87 0.00	42.35 0.95 0.00

GILBOA___4 23759	39.40 0.77 0.00	36.06 0.74 0.00	33.84 0.66 0.00	32.82 0.61 0.00	33.33 0.62 0.00	34.93 0.58 0.00	37.35 0.55 0.00	39.63 0.62 0.00	39.30 0.73 0.00	38.08 0.67 0.00	39.51 0.73 0.00	41.48 0.89 0.00	44.03 0.99 0.00	45.33 0.97 0.00	48.55 1.04 0.00	52.00 1.02 0.00	57.08 1.23 0.00	67.95 1.46 0.00	69.03 1.28 0.01	69.37 1.23 0.01	63.15 1.05 0.00	55.83 1.09 0.01	46.60 0.87 0.00	42.35 0.95 0.00
GILBOA____ 23599	39.40 0.77 0.00	36.06 0.74 0.00	33.84 0.66 0.00	32.85 0.64 0.00	33.33 0.62 0.00	34.93 0.58 0.00	37.35 0.55 0.00	39.63 0.62 0.00	39.30 0.73 0.00	38.08 0.67 0.00	39.55 0.78 0.00	41.48 0.89 0.00	44.03 0.99 0.00	45.29 0.93 0.00	48.55 1.05 0.00	52.00 1.02 0.00	57.13 1.28 0.00	67.95 1.46 0.00	69.04 1.29 0.01	69.37 1.23 0.01	63.15 1.06 0.00	55.83 1.09 0.01	46.61 0.87 0.00	42.35 0.95 0.00
GINNA____ 23603	35.46 -3.17 0.00	32.31 -3.00 0.00	30.33 -2.85 0.00	29.50 -2.71 0.00	29.99 -2.71 0.00	31.46 -2.88 0.00	33.49 -3.31 0.00	35.54 -3.47 0.00	35.21 -3.36 0.00	34.38 -3.03 0.00	35.48 -3.30 0.00	37.14 -3.45 0.00	39.22 -3.79 0.03	40.54 -3.77 0.05	43.09 -4.04 0.38	45.36 -3.88 1.74	48.59 -4.69 2.57	56.91 -5.98 3.60	59.44 -5.15 3.16	59.22 -5.66 3.28	54.45 -4.47 3.18	48.19 -4.27 2.29	41.07 -3.48 1.19	37.21 -3.39 0.80
GLEN PARK____ 23778	39.02 0.39 0.00	35.74 0.43 0.00	33.58 0.40 0.00	32.72 0.51 0.00	33.42 0.72 0.00	35.41 1.07 0.00	37.94 1.14 0.00	39.91 0.90 0.00	39.07 0.50 0.00	37.67 0.26 0.00	38.97 0.19 0.00	40.92 -0.04 -0.37	43.87 -0.13 -0.96	45.40 0.00 -1.04	48.86 0.10 -1.26	51.35 0.15 -0.22	56.25 0.39 0.00	66.92 0.40 -0.02	68.78 1.02 0.00	69.52 1.36 0.00	63.28 1.18 0.00	55.73 0.99 0.00	46.51 0.78 0.00	42.14 0.75 0.00
GLENDALE_27_KV_LOAD 356172	41.02 2.40 0.00	37.54 2.22 0.00	35.24 2.06 0.00	34.24 2.03 0.00	34.60 1.90 0.00	36.10 1.75 0.00	38.71 1.91 0.00	41.39 2.38 0.00	41.46 2.89 0.00	40.29 2.88 0.00	42.12 3.33 -0.01	44.35 3.73 -0.03	51.16 4.17 -3.94	59.29 4.21 -10.72	59.85 4.61 -7.74	60.14 4.84 -4.31	65.55 5.64 -4.06	73.34 6.85 0.00	73.85 6.10 0.01	73.79 5.66 0.02	66.87 4.78 0.01	59.17 4.43 0.01	49.31 3.57 0.00	44.79 3.39 0.00
GLENWOOD_IC_1_G5 23712	41.22 2.59 0.00	37.75 2.44 0.00	35.37 2.19 0.00	34.30 2.09 0.00	34.70 2.00 0.00	36.30 1.96 0.00	38.82 2.02 0.00	41.50 2.50 0.00	41.66 3.09 0.00	40.44 3.03 0.00	43.13 3.37 -0.98	44.74 3.77 -0.38	47.27 4.22 -0.02	53.27 4.30 -4.61	63.14 4.75 -10.88	76.46 5.00 -20.48	68.44 5.86 -6.72	78.25 6.85 -4.91	77.58 6.23 -3.58	94.49 5.86 -20.47	67.81 5.15 -0.56	59.96 4.65 -0.57	49.53 3.80 0.00	44.87 3.48 0.00
GLENWOOD_IC_2_G1 23688	40.95 2.32 0.00	37.47 2.15 0.00	35.17 1.99 0.00	34.08 1.87 0.00	34.54 1.83 0.00	36.13 1.78 0.00	38.64 1.84 0.00	41.31 2.30 0.00	41.39 2.81 -0.01	40.15 2.73 -0.01	42.78 3.03 -0.98	44.46 3.49 -0.38	46.88 3.83 -0.02	51.69 3.99 -3.34	57.73 4.37 -5.86	66.60 4.59 -11.03	64.78 5.31 -3.62	75.78 6.65 -2.64	75.65 5.96 -1.92	84.90 5.73 -11.02	67.24 4.85 -0.30	59.37 4.32 -0.30	49.22 3.47 -0.01	44.64 3.23 -0.01
GLENWOOD_IC_3_G1 23689	40.95 2.32 0.00	37.47 2.15 0.00	35.17 1.99 0.00	34.08 1.87 0.00	34.54 1.83 0.00	36.13 1.78 0.00	38.64 1.84 0.00	41.31 2.30 0.00	41.39 2.81 -0.01	40.15 2.73 -0.01	42.78 3.03 -0.98	44.46 3.49 -0.38	46.88 3.83 -0.02	51.69 3.99 -3.34	57.73 4.37 -5.86	66.60 4.59 -11.03	64.78 5.31 -3.62	75.78 6.65 -2.64	75.65 5.96 -1.92	84.90 5.73 -11.02	67.24 4.85 -0.30	59.37 4.32 -0.30	49.22 3.47 -0.01	44.64 3.23 -0.01
GLENWOOD___4 23550	41.22 2.59 0.00	37.75 2.44 0.00	35.37 2.19 0.00	34.30 2.09 0.00	34.70 2.00 0.00	36.30 1.96 0.00	38.82 2.02 0.00	41.50 2.50 0.00	41.66 3.09 0.00	40.44 3.03 0.00	43.13 3.37 -0.98	44.74 3.77 -0.38	47.27 4.22 -0.02	53.27 4.30 -4.61	63.14 4.75 -10.88	76.46 5.00 -20.48	68.44 5.86 -6.72	78.45 7.05 -4.91	77.71 6.37 -3.58	94.69 6.07 -20.47	67.87 5.22 -0.56	59.96 4.65 -0.57	49.53 3.80 0.00	44.87 3.48 0.00
GLENWOOD___5 23614	41.22 2.59 0.00	37.75 2.44 0.00	35.37 2.19 0.00	34.30 2.09 0.00	34.70 2.00 0.00	36.30 1.96 0.00	38.82 2.02 0.00	41.50 2.50 0.00	41.66 3.09 0.00	40.44 3.03 0.00	43.13 3.37 -0.98	44.74 3.77 -0.38	47.27 4.22 -0.02	53.27 4.30 -4.61	63.14 4.75 -10.88	76.46 5.00 -20.48	68.44 5.86 -6.72	78.45 7.05 -4.91	77.71 6.37 -3.58	94.69 6.07 -20.47	67.87 5.22 -0.56	59.96 4.65 -0.57	49.53 3.80 0.00	44.87 3.48 0.00
GLOBAL GREEN_PORT_GT1 23814	41.95 3.32 0.00	38.92 3.60 0.00	36.90 3.72 0.00	35.85 3.64 0.00	36.24 3.53 0.00	37.98 3.64 0.00	40.41 3.61 0.00	42.99 3.98 0.00	43.67 5.09 -0.01	42.13 4.71 -0.01	44.80 5.04 -0.98	46.69 5.72 -0.38	48.95 5.90 -0.02	52.77 5.99 -2.43	56.07 6.32 -2.25	61.64 6.42 -4.23	64.89 7.65 -1.38	77.21 9.71 -1.01	77.29 8.80 -0.73	80.14 7.77 -4.22	68.42 6.21 -0.11	60.37 5.53 -0.11	50.46 4.71 -0.01	45.75 4.35 -0.01
GLOBE___DSASP 323697	34.84 -3.79 0.00	31.71 -3.60 0.00	29.83 -3.35 0.00	28.86 -3.35 0.00	29.37 -3.34 0.00	30.64 -3.71 0.00	32.01 -4.78 0.00	33.62 -5.38 0.01	33.36 -5.21 0.00	32.66 -4.75 0.00	33.97 -4.81 0.00	35.23 -5.36 0.00	36.88 -6.07 0.09	38.68 -5.63 0.05	40.33 -6.41 0.76	42.16 -5.71 3.11	44.61 -6.76 4.49	49.69 -9.18 7.62	54.17 -9.01 4.58	55.06 -9.41 3.69	51.40 -7.64 3.07	45.13 -7.01 2.60	39.16 -5.44 1.14	35.41 -5.09 0.89
GOETHSLN___LBMP 323567	40.68 2.05 0.00	37.26 1.94 0.00	34.91 1.73 0.00	33.90 1.71 0.01	34.29 1.60 0.01	35.81 1.48 0.01	38.44 1.66 0.01	41.10 2.11 0.01	38.69 2.58 2.46	38.65 2.54 1.31	41.73 2.95 -0.01	43.94 3.33 -0.03	50.68 3.74 -3.90	58.77 3.81 -10.60	59.34 4.18 -7.65	59.63 4.38 -4.26	63.82 5.19 -2.77	71.36 6.38 1.52	72.01 5.69 1.44	72.01 5.32 1.46	66.21 4.47 0.36	58.68 3.94 0.01	48.89 3.16 0.00	44.38 2.98 0.00
GOLAH___69_KV_TB 1_2 80279	36.89 -1.74 0.00	33.55 -1.77 0.00	31.52 -1.66 0.00	30.47 -1.74 0.00	31.10 -1.60 0.00	32.63 -1.72 0.00	34.63 -2.17 0.00	36.67 -2.34 0.00	36.22 -2.35 0.00	35.39 -2.02 0.00	36.72 -2.06 0.00	38.19 -2.39 0.00	40.16 -2.84 0.04	41.96 -2.35 0.05	44.21 -2.85 0.45	46.38 -2.60 2.00	49.68 -3.24 2.93	57.82 -4.32 4.35	60.94 -3.39 3.43	61.13 -3.68 3.35	56.47 -2.42 3.20	50.00 -2.41 2.34	42.57 -1.97 1.20	38.55 -2.03 0.82
GOODYEAR_LAKE_HYD 323669	39.75 1.12 0.00	36.37 1.06 0.00	34.11 0.93 0.00	33.11 0.90 0.00	33.62 0.92 0.00	35.31 0.96 0.00	37.79 0.99 0.00	40.02 1.01 0.00	39.54 0.96 0.00	38.31 0.90 0.00	39.79 1.01 0.00	41.79 1.14 -0.07	44.51 1.29 -0.18	45.93 1.38 -0.20	49.32 1.57 -0.24	52.60 1.58 -0.04	57.75 1.90 0.00	68.89 2.39 -0.01	70.11 2.37 0.02	70.44 2.32 0.03	64.21 2.11 0.00	56.53 1.81 0.02	47.16 1.42 0.00	42.72 1.32 0.01

GOUDEY___115_KV_TB6_REV_LBMP_C 345031	38.82 0.19 0.00	35.49 0.18 0.00	33.28 0.10 0.00	32.31 0.10 0.00	32.80 0.10 0.00	34.45 0.10 0.00	36.87 0.07 0.00	39.05 0.04 0.00	38.57 0.00 0.00	37.49 0.07 0.00	38.86 0.08 0.00	40.82 0.04 -0.19	43.66 0.13 -0.49	44.96 0.09 -0.52	48.46 0.33 -0.62	51.18 0.25 0.06	55.92 0.34 0.27	67.02 0.60 0.06	67.52 0.34 0.58	67.63 0.34 0.87	61.78 0.43 0.76	54.41 0.27 0.61	45.59 0.14 0.28	41.27 0.08 0.21
GOUDEY___7 23579	38.82 0.19 0.00	35.49 0.18 0.00	33.28 0.10 0.00	32.31 0.10 0.00	32.80 0.10 0.00	34.45 0.10 0.00	36.87 0.07 0.00	39.05 0.04 0.00	38.57 0.00 0.00	37.49 0.07 0.00	38.86 0.08 0.00	40.82 0.04 -0.19	43.66 0.13 -0.49	44.96 0.09 -0.52	48.46 0.33 -0.62	51.18 0.25 0.06	55.92 0.34 0.27	67.02 0.60 0.06	67.52 0.34 0.58	67.63 0.34 0.87	61.78 0.43 0.76	54.41 0.27 0.61	45.59 0.14 0.28	41.27 0.08 0.21
GOUDEY___8 23580	38.82 0.19 0.00	35.49 0.18 0.00	33.28 0.10 0.00	32.31 0.10 0.00	32.80 0.10 0.00	34.45 0.10 0.00	36.87 0.07 0.00	39.05 0.04 0.00	38.57 0.00 0.00	37.49 0.07 0.00	38.86 0.08 0.00	40.82 0.04 -0.19	43.66 0.13 -0.49	44.96 0.09 -0.52	48.46 0.33 -0.62	51.18 0.25 0.06	55.92 0.34 0.27	67.02 0.60 0.06	67.52 0.34 0.58	67.63 0.34 0.87	61.78 0.43 0.76	54.41 0.27 0.61	45.59 0.14 0.28	41.27 0.08 0.21
GOWANUS_GT1_1 24077	40.60 1.97 0.00	37.22 1.91 0.00	34.87 1.69 0.00	33.85 1.64 0.00	34.21 1.50 0.00	35.72 1.37 0.00	38.27 1.47 0.00	40.92 1.91 0.00	40.96 2.39 0.00	39.84 2.43 0.00	41.77 2.99 -0.01	44.02 3.41 -0.03	50.90 3.92 -3.94	59.07 3.99 -10.72	59.76 4.51 -7.74	60.14 4.84 -4.31	65.22 5.31 -4.06	72.74 6.25 0.00	73.17 5.42 0.01	73.11 4.98 0.02	66.25 4.16 0.01	58.95 4.22 0.01	49.08 3.34 0.00	44.58 3.19 0.00
GOWANUS_GT1_2 24078	40.60 1.97 0.00	37.22 1.91 0.00	34.87 1.69 0.00	33.85 1.64 0.00	34.21 1.50 0.00	35.72 1.37 0.00	38.27 1.47 0.00	40.92 1.91 0.00	40.96 2.39 0.00	39.84 2.43 0.00	41.77 2.99 -0.01	44.02 3.41 -0.03	50.90 3.92 -3.94	59.07 3.99 -10.72	59.76 4.51 -7.74	60.14 4.84 -4.31	65.22 5.31 -4.06	72.74 6.25 0.00	73.17 5.42 0.01	73.11 4.98 0.02	66.25 4.16 0.01	58.95 4.22 0.01	49.08 3.34 0.00	44.58 3.19 0.00
GOWANUS_GT1_3 24079	40.60 1.97 0.00	37.22 1.91 0.00	34.87 1.69 0.00	33.85 1.64 0.00	34.21 1.50 0.00	35.72 1.37 0.00	38.27 1.47 0.00	40.92 1.91 0.00	40.96 2.39 0.00	39.84 2.43 0.00	41.77 2.99 -0.01	44.02 3.41 -0.03	50.90 3.92 -3.94	59.07 3.99 -10.72	59.76 4.51 -7.74	60.14 4.84 -4.31	65.22 5.31 -4.06	72.74 6.25 0.00	73.17 5.42 0.01	73.11 4.98 0.02	66.25 4.16 0.01	58.95 4.22 0.01	49.08 3.34 0.00	44.58 3.19 0.00
GOWANUS_GT1_4 24080	40.60 1.97 0.00	37.22 1.91 0.00	34.87 1.69 0.00	33.85 1.64 0.00	34.21 1.50 0.00	35.72 1.37 0.00	38.27 1.47 0.00	40.92 1.91 0.00	40.96 2.39 0.00	39.84 2.43 0.00	41.77 2.99 -0.01	44.02 3.41 -0.03	50.90 3.92 -3.94	59.07 3.99 -10.72	59.76 4.51 -7.74	60.14 4.84 -4.31	65.22 5.31 -4.06	72.74 6.25 0.00	73.17 5.42 0.01	73.11 4.98 0.02	66.25 4.16 0.01	58.95 4.22 0.01	49.08 3.34 0.00	44.58 3.19 0.00
GOWANUS_GT1_5 24084	40.60 1.97 0.00	37.22 1.91 0.00	34.87 1.69 0.00	33.85 1.64 0.00	34.21 1.50 0.00	35.72 1.37 0.00	38.27 1.47 0.00	40.92 1.91 0.00	40.96 2.39 0.00	39.84 2.43 0.00	41.77 2.99 -0.01	44.02 3.41 -0.03	50.90 3.92 -3.94	59.07 3.99 -10.72	59.76 4.51 -7.74	60.14 4.84 -4.31	65.22 5.31 -4.06	72.74 6.25 0.00	73.17 5.42 0.01	73.11 4.98 0.02	66.25 4.16 0.01	58.95 4.22 0.01	49.08 3.34 0.00	44.58 3.19 0.00
GOWANUS_GT1_6 24111	40.60 1.97 0.00	37.22 1.91 0.00	34.87 1.69 0.00	33.85 1.64 0.00	34.21 1.50 0.00	35.72 1.37 0.00	38.27 1.47 0.00	40.92 1.91 0.00	40.96 2.39 0.00	39.84 2.43 0.00	41.77 2.99 -0.01	44.02 3.41 -0.03	50.90 3.92 -3.94	59.07 3.99 -10.72	59.76 4.51 -7.74	60.14 4.84 -4.31	65.22 5.31 -4.06	72.74 6.25 0.00	73.17 5.42 0.01	73.11 4.98 0.02	66.25 4.16 0.01	58.95 4.22 0.01	49.08 3.34 0.00	44.58 3.19 0.00
GOWANUS_GT1_7 24112	40.60 1.97 0.00	37.22 1.91 0.00	34.87 1.69 0.00	33.85 1.64 0.00	34.21 1.50 0.00	35.72 1.37 0.00	38.27 1.47 0.00	40.92 1.91 0.00	40.96 2.39 0.00	39.84 2.43 0.00	41.77 2.99 -0.01	44.02 3.41 -0.03	50.90 3.92 -3.94	59.07 3.99 -10.72	59.76 4.51 -7.74	60.14 4.84 -4.31	65.22 5.31 -4.06	72.74 6.25 0.00	73.17 5.42 0.01	73.11 4.98 0.02	66.25 4.16 0.01	58.95 4.22 0.01	49.08 3.34 0.00	44.58 3.19 0.00
GOWANUS_GT1_8 24113	40.60 1.97 0.00	37.22 1.91 0.00	34.87 1.69 0.00	33.85 1.64 0.00	34.21 1.50 0.00	35.72 1.37 0.00	38.27 1.47 0.00	40.92 1.91 0.00	40.96 2.39 0.00	39.84 2.43 0.00	41.77 2.99 -0.01	44.02 3.41 -0.03	50.90 3.92 -3.94	59.07 3.99 -10.72	59.76 4.51 -7.74	60.14 4.84 -4.31	65.22 5.31 -4.06	72.74 6.25 0.00	73.17 5.42 0.01	73.11 4.98 0.02	66.25 4.16 0.01	58.95 4.22 0.01	49.08 3.34 0.00	44.58 3.19 0.00
GOWANUS_GT2_1 24114	40.60 1.97 0.00	37.22 1.91 0.00	34.91 1.72 0.00	33.81 1.61 0.01	34.24 1.54 0.01	35.71 1.38 0.01	38.26 1.47 0.01	40.91 1.91 0.01	40.96 2.39 0.01	39.84 2.43 0.00	41.73 2.95 -0.01	44.11 3.49 -0.03	50.86 3.87 -3.94	59.15 4.08 -10.72	59.80 4.56 -7.74	60.14 4.85 -4.31	65.04 5.14 -4.06	72.74 6.25 0.00	73.17 5.42 0.01	73.18 5.04 0.02	66.32 4.22 0.01	59.01 4.27 0.01	49.07 3.34 0.00	44.58 3.19 0.00
GOWANUS_GT2_2 24115	40.60 1.97 0.00	37.22 1.91 0.00	34.91 1.72 0.00	33.81 1.61 0.01	34.24 1.54 0.01	35.71 1.38 0.01	38.26 1.47 0.01	40.91 1.91 0.01	40.96 2.39 0.01	39.84 2.43 0.00	41.73 2.95 -0.01	44.11 3.49 -0.03	50.86 3.87 -3.94	59.15 4.08 -10.72	59.80 4.56 -7.74	60.14 4.85 -4.31	65.04 5.14 -4.06	72.74 6.25 0.00	73.17 5.42 0.01	73.18 5.04 0.02	66.32 4.22 0.01	59.01 4.27 0.01	49.07 3.34 0.00	44.58 3.19 0.00
GOWANUS_GT2_3 24116	40.60 1.97 0.00	37.22 1.91 0.00	34.91 1.72 0.00	33.81 1.61 0.01	34.24 1.54 0.01	35.71 1.38 0.01	38.26 1.47 0.01	40.91 1.91 0.01	40.96 2.39 0.01	39.84 2.43 0.00	41.73 2.95 -0.01	44.11 3.49 -0.03	50.86 3.87 -3.94	59.15 4.08 -10.72	59.80 4.56 -7.74	60.14 4.85 -4.31	65.04 5.14 -4.06	72.74 6.25 0.00	73.17 5.42 0.01	73.18 5.04 0.02	66.32 4.22 0.01	59.01 4.27 0.01	49.07 3.34 0.00	44.58 3.19 0.00
GOWANUS_GT2_4 24117	40.60 1.97 0.00	37.22 1.91 0.00	34.91 1.72 0.00	33.81 1.61 0.01	34.24 1.54 0.01	35.71 1.38 0.01	38.26 1.47 0.01	40.91 1.91 0.01	40.96 2.39 0.01	39.84 2.43 0.00	41.73 2.95 -0.01	44.11 3.49 -0.03	50.86 3.87 -3.94	59.15 4.08 -10.72	59.80 4.56 -7.74	60.14 4.85 -4.31	65.04 5.14 -4.06	72.74 6.25 0.00	73.17 5.42 0.01	73.18 5.04 0.02	66.32 4.22 0.01	59.01 4.27 0.01	49.07 3.34 0.00	44.58 3.19 0.00

GOWANUS_GT2_5 24118	40.60 1.97 0.00	37.22 1.91 0.00	34.91 1.72 0.00	33.81 1.61 0.01	34.24 1.54 0.01	35.71 1.38 0.01	38.26 1.47 0.01	40.91 1.91 0.01	40.96 2.39 0.01	39.84 2.43 0.00	41.73 2.95 -0.01	44.11 3.49 -0.03	50.86 3.87 -3.94	59.15 4.08 -10.72	59.80 4.56 -7.74	60.14 4.85 -4.31	65.04 5.14 -4.06	72.74 6.25 0.00	73.17 5.42 0.01	73.18 5.04 0.02	66.32 4.22 0.01	59.01 4.27 0.01	49.07 3.34 0.00	44.58 3.19 0.00
GOWANUS_GT2_6 24119	40.60 1.97 0.00	37.22 1.91 0.00	34.91 1.72 0.00	33.81 1.61 0.01	34.24 1.54 0.01	35.71 1.38 0.01	38.26 1.47 0.01	40.91 1.91 0.01	40.96 2.39 0.01	39.84 2.43 0.00	41.73 2.95 -0.01	44.11 3.49 -0.03	50.86 3.87 -3.94	59.15 4.08 -10.72	59.80 4.56 -7.74	60.14 4.85 -4.31	65.04 5.14 -4.06	72.74 6.25 0.00	73.17 5.42 0.01	73.18 5.04 0.02	66.32 4.22 0.01	59.01 4.27 0.01	49.07 3.34 0.00	44.58 3.19 0.00
GOWANUS_GT2_7 24120	40.60 1.97 0.00	37.22 1.91 0.00	34.91 1.72 0.00	33.81 1.61 0.01	34.24 1.54 0.01	35.71 1.38 0.01	38.26 1.47 0.01	40.91 1.91 0.01	40.96 2.39 0.01	39.84 2.43 0.00	41.73 2.95 -0.01	44.11 3.49 -0.03	50.86 3.87 -3.94	59.15 4.08 -10.72	59.80 4.56 -7.74	60.14 4.85 -4.31	65.04 5.14 -4.06	72.74 6.25 0.00	73.17 5.42 0.01	73.18 5.04 0.02	66.32 4.22 0.01	59.01 4.27 0.01	49.07 3.34 0.00	44.58 3.19 0.00
GOWANUS_GT2_8 24121	40.60 1.97 0.00	37.22 1.91 0.00	34.91 1.72 0.00	33.81 1.61 0.01	34.24 1.54 0.01	35.71 1.38 0.01	38.26 1.47 0.01	40.91 1.91 0.01	40.96 2.39 0.01	39.84 2.43 0.00	41.73 2.95 -0.01	44.11 3.49 -0.03	50.86 3.87 -3.94	59.15 4.08 -10.72	59.80 4.56 -7.74	60.14 4.85 -4.31	65.04 5.14 -4.06	72.74 6.25 0.00	73.17 5.42 0.01	73.18 5.04 0.02	66.32 4.22 0.01	59.01 4.27 0.01	49.07 3.34 0.00	44.58 3.19 0.00
GOWANUS_GT3_1 24122	40.60 1.97 0.00	37.19 1.87 0.00	34.87 1.69 0.00	33.78 1.58 0.01	34.20 1.51 0.01	35.71 1.38 0.01	38.22 1.43 0.01	40.91 1.91 0.01	40.96 2.39 0.01	39.81 2.40 0.00	41.70 2.91 -0.01	44.06 3.45 -0.03	50.81 3.83 -3.94	59.11 4.04 -10.72	59.76 4.52 -7.74	60.08 4.79 -4.31	65.04 5.14 -4.06	72.68 6.18 0.00	73.10 5.35 0.01	73.11 4.97 0.02	66.25 4.16 0.01	59.01 4.27 0.01	49.07 3.34 0.00	44.58 3.19 0.00
GOWANUS_GT3_2 24123	40.60 1.97 0.00	37.19 1.87 0.00	34.87 1.69 0.00	33.78 1.58 0.01	34.20 1.51 0.01	35.71 1.38 0.01	38.22 1.43 0.01	40.91 1.91 0.01	40.96 2.39 0.01	39.81 2.40 0.00	41.70 2.91 -0.01	44.06 3.45 -0.03	50.81 3.83 -3.94	59.11 4.04 -10.72	59.76 4.52 -7.74	60.08 4.79 -4.31	65.04 5.14 -4.06	72.68 6.18 0.00	73.10 5.35 0.01	73.11 4.97 0.02	66.25 4.16 0.01	59.01 4.27 0.01	49.07 3.34 0.00	44.58 3.19 0.00
GOWANUS_GT3_3 24124	40.60 1.97 0.00	37.19 1.87 0.00	34.87 1.69 0.00	33.78 1.58 0.01	34.20 1.51 0.01	35.71 1.38 0.01	38.22 1.43 0.01	40.91 1.91 0.01	40.96 2.39 0.01	39.81 2.40 0.00	41.70 2.91 -0.01	44.06 3.45 -0.03	50.81 3.83 -3.94	59.11 4.04 -10.72	59.76 4.52 -7.74	60.08 4.79 -4.31	65.04 5.14 -4.06	72.68 6.18 0.00	73.10 5.35 0.01	73.11 4.97 0.02	66.25 4.16 0.01	59.01 4.27 0.01	49.07 3.34 0.00	44.58 3.19 0.00
GOWANUS_GT3_4 24125	40.60 1.97 0.00	37.19 1.87 0.00	34.87 1.69 0.00	33.78 1.58 0.01	34.20 1.51 0.01	35.71 1.38 0.01	38.22 1.43 0.01	40.91 1.91 0.01	40.96 2.39 0.01	39.81 2.40 0.00	41.70 2.91 -0.01	44.06 3.45 -0.03	50.81 3.83 -3.94	59.11 4.04 -10.72	59.76 4.52 -7.74	60.08 4.79 -4.31	65.04 5.14 -4.06	72.68 6.18 0.00	73.10 5.35 0.01	73.11 4.97 0.02	66.25 4.16 0.01	59.01 4.27 0.01	49.07 3.34 0.00	44.58 3.19 0.00
GOWANUS_GT3_5 24126	40.60 1.97 0.00	37.19 1.87 0.00	34.87 1.69 0.00	33.78 1.58 0.01	34.20 1.51 0.01	35.71 1.38 0.01	38.22 1.43 0.01	40.91 1.91 0.01	40.96 2.39 0.01	39.81 2.40 0.00	41.70 2.91 -0.01	44.06 3.45 -0.03	50.81 3.83 -3.94	59.11 4.04 -10.72	59.76 4.52 -7.74	60.08 4.79 -4.31	65.04 5.14 -4.06	72.68 6.18 0.00	73.10 5.35 0.01	73.11 4.97 0.02	66.25 4.16 0.01	59.01 4.27 0.01	49.07 3.34 0.00	44.58 3.19 0.00
GOWANUS_GT3_6 24127	40.60 1.97 0.00	37.19 1.87 0.00	34.87 1.69 0.00	33.78 1.58 0.01	34.20 1.51 0.01	35.71 1.38 0.01	38.22 1.43 0.01	40.91 1.91 0.01	40.96 2.39 0.01	39.81 2.40 0.00	41.70 2.91 -0.01	44.06 3.45 -0.03	50.81 3.83 -3.94	59.11 4.04 -10.72	59.76 4.52 -7.74	60.08 4.79 -4.31	65.04 5.14 -4.06	72.68 6.18 0.00	73.10 5.35 0.01	73.11 4.97 0.02	66.25 4.16 0.01	59.01 4.27 0.01	49.07 3.34 0.00	44.58 3.19 0.00
GOWANUS_GT3_7 24128	40.60 1.97 0.00	37.19 1.87 0.00	34.87 1.69 0.00	33.78 1.58 0.01	34.20 1.51 0.01	35.71 1.38 0.01	38.22 1.43 0.01	40.91 1.91 0.01	40.96 2.39 0.01	39.81 2.40 0.00	41.70 2.91 -0.01	44.06 3.45 -0.03	50.81 3.83 -3.94	59.11 4.04 -10.72	59.76 4.52 -7.74	60.08 4.79 -4.31	65.04 5.14 -4.06	72.68 6.18 0.00	73.10 5.35 0.01	73.11 4.97 0.02	66.25 4.16 0.01	59.01 4.27 0.01	49.07 3.34 0.00	44.58 3.19 0.00
GOWANUS_GT3_8 24129	40.60 1.97 0.00	37.19 1.87 0.00	34.87 1.69 0.00	33.78 1.58 0.01	34.20 1.51 0.01	35.71 1.38 0.01	38.22 1.43 0.01	40.91 1.91 0.01	40.96 2.39 0.01	39.81 2.40 0.00	41.70 2.91 -0.01	44.06 3.45 -0.03	50.81 3.83 -3.94	59.11 4.04 -10.72	59.76 4.52 -7.74	60.08 4.79 -4.31	65.04 5.14 -4.06	72.68 6.18 0.00	73.10 5.35 0.01	73.11 4.97 0.02	66.25 4.16 0.01	59.01 4.27 0.01	49.07 3.34 0.00	44.58 3.19 0.00
GOWANUS_GT4_1 24130	40.60 1.97 0.00	37.26 1.94 0.00	34.91 1.73 0.00	33.88 1.67 0.00	34.24 1.54 0.00	35.72 1.37 0.00	38.31 1.51 0.00	40.92 1.91 0.00	40.96 2.39 0.00	39.84 2.43 0.00	41.77 2.99 -0.01	44.06 3.45 -0.03	50.94 3.96 -3.94	59.11 4.04 -10.72	59.80 4.56 -7.74	60.14 4.84 -4.31	65.22 5.31 -4.06	72.81 6.32 0.00	73.24 5.49 0.01	73.18 5.04 0.02	66.31 4.22 0.01	59.00 4.27 0.01	49.08 3.34 0.00	44.58 3.19 0.00
GOWANUS_GT4_2 24131	40.60 1.97 0.00	37.26 1.94 0.00	34.91 1.73 0.00	33.88 1.67 0.00	34.24 1.54 0.00	35.72 1.37 0.00	38.31 1.51 0.00	40.92 1.91 0.00	40.96 2.39 0.00	39.84 2.43 0.00	41.77 2.99 -0.01	44.06 3.45 -0.03	50.94 3.96 -3.94	59.11 4.04 -10.72	59.80 4.56 -7.74	60.14 4.84 -4.31	65.22 5.31 -4.06	72.81 6.32 0.00	73.24 5.49 0.01	73.18 5.04 0.02	66.31 4.22 0.01	59.00 4.27 0.01	49.08 3.34 0.00	44.58 3.19 0.00
GOWANUS_GT4_3 24132	40.60 1.97 0.00	37.26 1.94 0.00	34.91 1.73 0.00	33.88 1.67 0.00	34.24 1.54 0.00	35.72 1.37 0.00	38.31 1.51 0.00	40.92 1.91 0.00	40.96 2.39 0.00	39.84 2.43 0.00	41.77 2.99 -0.01	44.06 3.45 -0.03	50.94 3.96 -3.94	59.11 4.04 -10.72	59.80 4.56 -7.74	60.14 4.84 -4.31	65.22 5.31 -4.06	72.81 6.32 0.00	73.24 5.49 0.01	73.18 5.04 0.02	66.31 4.22 0.01	59.00 4.27 0.01	49.08 3.34 0.00	44.58 3.19 0.00

GOWANUS_GT4_4 24133	40.60 1.97 0.00	37.26 1.94 0.00	34.91 1.73 0.00	33.88 1.67 0.00	34.24 1.54 0.00	35.72 1.37 0.00	38.31 1.51 0.00	40.92 1.91 0.00	40.96 2.39 0.00	39.84 2.43 0.00	41.77 2.99 -0.01	44.06 3.45 -0.03	50.94 3.96 -3.94	59.11 4.04 -10.72	59.80 4.56 -7.74	60.14 4.84 -4.31	65.22 5.31 -4.06	72.81 6.32 0.00	73.24 5.49 0.01	73.18 5.04 0.02	66.31 4.22 0.01	59.00 4.27 0.01	49.08 3.34 0.00	44.58 3.19 0.00
GOWANUS_GT4_5 24134	40.60 1.97 0.00	37.26 1.94 0.00	34.91 1.73 0.00	33.88 1.67 0.00	34.24 1.54 0.00	35.72 1.37 0.00	38.31 1.51 0.00	40.92 1.91 0.00	40.96 2.39 0.00	39.84 2.43 0.00	41.77 2.99 -0.01	44.06 3.45 -0.03	50.94 3.96 -3.94	59.11 4.04 -10.72	59.80 4.56 -7.74	60.14 4.84 -4.31	65.22 5.31 -4.06	72.81 6.32 0.00	73.24 5.49 0.01	73.18 5.04 0.02	66.31 4.22 0.01	59.00 4.27 0.01	49.08 3.34 0.00	44.58 3.19 0.00
GOWANUS_GT4_6 24135	40.60 1.97 0.00	37.26 1.94 0.00	34.91 1.73 0.00	33.88 1.67 0.00	34.24 1.54 0.00	35.72 1.37 0.00	38.31 1.51 0.00	40.92 1.91 0.00	40.96 2.39 0.00	39.84 2.43 0.00	41.77 2.99 -0.01	44.06 3.45 -0.03	50.94 3.96 -3.94	59.11 4.04 -10.72	59.80 4.56 -7.74	60.14 4.84 -4.31	65.22 5.31 -4.06	72.81 6.32 0.00	73.24 5.49 0.01	73.18 5.04 0.02	66.31 4.22 0.01	59.00 4.27 0.01	49.08 3.34 0.00	44.58 3.19 0.00
GOWANUS_GT4_7 24136	40.60 1.97 0.00	37.26 1.94 0.00	34.91 1.73 0.00	33.88 1.67 0.00	34.24 1.54 0.00	35.72 1.37 0.00	38.31 1.51 0.00	40.92 1.91 0.00	40.96 2.39 0.00	39.84 2.43 0.00	41.77 2.99 -0.01	44.06 3.45 -0.03	50.94 3.96 -3.94	59.11 4.04 -10.72	59.80 4.56 -7.74	60.14 4.84 -4.31	65.22 5.31 -4.06	72.81 6.32 0.00	73.24 5.49 0.01	73.18 5.04 0.02	66.31 4.22 0.01	59.00 4.27 0.01	49.08 3.34 0.00	44.58 3.19 0.00
GOWANUS_GT4_8 24137	40.60 1.97 0.00	37.26 1.94 0.00	34.91 1.73 0.00	33.88 1.67 0.00	34.24 1.54 0.00	35.72 1.37 0.00	38.31 1.51 0.00	40.92 1.91 0.00	40.96 2.39 0.00	39.84 2.43 0.00	41.77 2.99 -0.01	44.06 3.45 -0.03	50.94 3.96 -3.94	59.11 4.04 -10.72	59.80 4.56 -7.74	60.14 4.84 -4.31	65.22 5.31 -4.06	72.81 6.32 0.00	73.24 5.49 0.01	73.18 5.04 0.02	66.31 4.22 0.01	59.00 4.27 0.01	49.08 3.34 0.00	44.58 3.19 0.00
GREENBSH_115KV_TB3 55895	39.13 0.50 0.00	35.88 0.57 0.00	33.68 0.50 0.00	32.66 0.45 0.00	33.13 0.43 0.00	34.76 0.41 0.00	37.13 0.33 0.00	39.28 0.27 0.00	38.84 0.27 0.00	37.56 0.15 0.00	38.93 0.16 0.00	40.83 0.24 0.00	43.29 0.26 0.00	44.62 0.27 0.00	47.79 0.29 0.00	51.19 0.20 0.00	56.13 0.28 0.00	66.82 0.33 0.00	68.10 0.34 0.00	68.49 0.34 0.00	62.35 0.25 0.00	55.13 0.38 0.00	46.15 0.41 0.00	41.98 0.58 0.00
GREENDGE_115KV_TB5 80291	37.97 -0.66 0.00	34.64 -0.67 0.00	32.52 -0.66 0.00	31.50 -0.71 0.00	32.08 -0.62 0.00	33.73 -0.62 0.00	36.03 -0.77 0.00	38.13 -0.90 -0.02	37.53 -1.04 0.00	36.55 -0.86 0.00	37.85 -0.93 0.00	39.65 -1.10 -0.15	42.33 -1.21 -0.50	43.61 -1.15 -0.41	47.48 -1.05 -1.02	51.55 -1.07 -1.64	56.30 -1.62 -2.07	69.46 -2.66 -5.63	65.98 -2.24 -0.46	64.60 -1.70 1.85	59.30 -1.12 1.68	52.63 -0.82 1.29	44.29 -0.82 0.63	40.00 -0.95 0.45
GREENIDGE___3 23582	37.97 -0.66 0.00	34.64 -0.67 0.00	32.52 -0.66 0.00	31.50 -0.71 0.00	32.08 -0.62 0.00	33.73 -0.62 0.00	36.03 -0.77 0.00	38.13 -0.90 -0.02	37.53 -1.04 0.00	36.55 -0.86 0.00	37.85 -0.93 0.00	39.65 -1.10 -0.15	42.33 -1.21 -0.50	43.61 -1.15 -0.41	47.48 -1.05 -1.02	51.55 -1.07 -1.64	56.30 -1.62 -2.07	69.46 -2.66 -5.63	65.98 -2.24 -0.46	64.60 -1.70 1.85	59.30 -1.12 1.68	52.63 -0.82 1.29	44.29 -0.82 0.63	40.00 -0.95 0.45
GREENIDGE___4 23583	37.97 -0.66 0.00	34.64 -0.67 0.00	32.52 -0.66 0.00	31.57 -0.64 0.00	32.08 -0.62 0.00	33.73 -0.62 0.00	36.02 -0.77 0.00	38.13 -0.90 -0.02	37.53 -1.04 0.00	36.55 -0.86 0.00	37.73 -1.05 0.00	39.65 -1.09 -0.15	42.29 -1.25 -0.50	43.52 -1.24 -0.41	47.48 -1.05 -1.02	51.60 -1.02 -1.64	56.30 -1.62 -2.07	69.46 -2.66 -5.63	66.46 -1.76 -0.46	64.60 -1.70 1.85	59.30 -1.12 1.68	52.41 -1.04 1.29	44.29 -0.82 0.63	40.00 -0.95 0.45
GREENLWN_69_KV_BK 3 55738	41.57 2.94 0.00	38.21 2.90 0.00	35.77 2.59 0.00	34.66 2.45 0.00	35.06 2.35 0.00	36.65 2.30 0.00	39.08 2.28 0.00	41.74 2.73 0.00	42.08 3.51 0.00	40.85 3.44 0.00	43.52 3.76 -0.98	45.07 4.10 -0.38	47.57 4.52 -0.02	51.42 4.52 -2.54	54.86 4.66 -2.69	60.80 4.74 -5.07	63.15 5.64 -1.66	74.75 7.05 -1.21	75.07 6.44 -0.88	79.28 6.07 -5.06	67.26 5.03 -0.13	59.31 4.43 -0.13	49.90 4.16 0.00	45.25 3.85 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	40.60 1.97 0.00	37.26 1.94 0.00	34.91 1.73 0.00	33.88 1.67 0.00	34.24 1.54 0.00	35.72 1.37 0.00	38.31 1.51 0.00	40.92 1.91 0.00	40.96 2.39 0.00	39.84 2.43 0.00	41.77 2.99 -0.01	44.06 3.45 -0.03	50.94 3.96 -3.94	59.11 4.04 -10.72	59.80 4.56 -7.74	60.14 4.84 -4.31	65.22 5.31 -4.06	72.81 6.32 0.00	73.24 5.49 0.01	73.18 5.04 0.02	66.31 4.22 0.01	59.00 4.27 0.01	49.08 3.34 0.00	44.58 3.19 0.00
GRISSOM___SOLAR 323813	40.48 1.85 0.00	37.08 1.76 0.00	34.81 1.63 0.00	33.69 1.48 0.00	34.24 1.54 0.00	35.99 1.65 0.00	38.23 1.43 0.00	40.14 1.13 0.00	39.11 0.54 0.00	37.56 0.15 0.00	38.82 0.04 0.00	40.79 0.20 0.00	43.42 0.39 0.00	45.02 0.67 0.00	48.36 0.86 0.00	52.15 1.17 0.00	57.36 1.51 0.00	68.62 2.13 0.00	70.47 2.71 0.01	71.28 3.14 0.01	65.14 3.04 0.00	57.58 2.84 0.01	48.02 2.29 0.00	43.55 2.15 0.00
GROVEVILLE___HYD 323602	40.75 2.12 0.00	37.29 1.98 0.00	34.94 1.76 0.00	33.95 1.74 0.00	34.34 1.64 0.00	35.96 1.61 0.00	38.53 1.73 0.00	41.11 2.11 0.00	40.89 2.31 0.00	39.58 2.17 0.00	41.22 2.44 0.00	43.35 2.76 0.00	46.26 3.23 0.00	47.64 3.28 0.00	51.26 3.75 0.00	54.96 3.98 0.00	60.49 4.64 0.00	72.28 5.78 0.00	72.90 5.15 0.01	73.05 4.91 0.01	66.51 4.41 0.00	58.46 3.72 0.01	48.76 3.02 0.00	44.21 2.82 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	38.28 -0.35 0.00	35.03 -0.28 0.00	32.88 -0.30 0.00	31.92 -0.29 0.00	32.44 -0.26 0.00	34.10 -0.24 0.00	36.50 -0.29 0.00	38.66 -0.35 0.00	38.15 -0.42 0.00	37.07 -0.34 0.00	38.39 -0.39 0.00	40.52 -0.53 -0.47	43.68 -0.56 -1.20	45.17 -0.49 -1.30	48.60 -0.48 -1.57	50.79 -0.46 -0.27	55.29 -0.56 0.00	65.66 -0.86 -0.03	67.01 -0.75 0.00	67.47 -0.68 0.00	61.66 -0.43 0.00	54.30 -0.44 0.00	45.28 -0.46 0.00	40.99 -0.41 0.00
HAMLTNNY_34_KV_TB 80303	38.28 -0.35 0.00	35.00 -0.32 0.00	32.85 -0.33 0.00	31.85 -0.35 0.00	32.41 -0.29 0.00	34.07 -0.27 0.00	36.43 -0.37 0.00	38.58 -0.43 0.00	38.07 -0.50 0.00	37.04 -0.37 0.00	38.35 -0.43 0.00	40.48 -0.57 -0.46	43.63 -0.60 -1.20	45.12 -0.53 -1.30	48.50 -0.57 -1.57	50.74 -0.51 -0.27	55.24 -0.61 0.00	65.59 -0.93 -0.03	67.01 -0.75 0.00	67.47 -0.68 0.00	61.73 -0.37 0.00	54.30 -0.44 0.00	45.28 -0.46 0.00	40.99 -0.41 0.00

HAMPSHIRE___PAPER_HYD 323593	37.70 -0.93 0.00	34.50 -0.81 0.00	32.48 -0.70 0.00	31.63 -0.58 0.00	32.28 -0.43 0.00	34.17 -0.17 0.00	36.69 -0.11 0.00	38.74 -0.27 0.00	38.03 -0.54 0.00	36.66 -0.75 0.00	37.96 -0.82 0.00	39.85 -0.89 -0.15	42.39 -1.03 -0.39	43.72 -1.06 -0.42	46.93 -1.09 -0.51	49.85 -1.22 -0.09	54.46 -1.39 0.00	64.90 -1.60 -0.01	66.27 -1.49 0.00	66.86 -1.30 0.00	60.67 -1.43 0.00	53.49 -1.26 0.00	44.92 -0.82 0.00	40.61 -0.79 0.00
HARDSCRABBLE_WT_PWR 323673	38.78 0.16 0.00	35.53 0.21 0.00	33.38 0.20 0.00	32.40 0.19 0.00	32.90 0.20 0.00	34.59 0.24 0.00	37.06 0.26 0.00	39.24 0.24 0.00	38.76 0.19 0.00	37.56 0.15 0.00	38.97 0.19 0.00	40.79 0.20 0.00	43.25 0.22 0.00	44.63 0.27 0.00	47.70 0.19 0.00	51.08 0.10 0.00	56.02 0.17 0.00	66.69 0.20 0.00	67.96 0.20 0.00	68.22 0.07 0.00	62.04 -0.06 0.00	54.63 -0.11 0.00	45.69 -0.05 0.00	41.44 0.04 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	40.52 1.89 0.00	37.08 1.77 0.00	34.74 1.56 0.00	33.72 1.51 0.00	34.15 1.44 0.00	35.72 1.37 0.00	38.31 1.51 0.00	40.92 1.91 0.00	40.73 2.16 0.00	39.47 2.06 0.00	41.10 2.33 0.00	43.23 2.64 0.00	46.09 3.06 0.00	47.51 3.15 0.00	51.12 3.61 0.00	54.80 3.82 0.00	60.32 4.47 0.00	72.08 5.59 0.00	72.70 4.95 0.01	72.78 4.63 0.01	66.26 4.16 0.00	58.24 3.50 0.01	48.57 2.84 0.00	44.00 2.61 0.00
HARSNRAD_115KV_TB1 81005	35.11 -3.52 0.00	31.82 -3.50 0.00	29.93 -3.25 0.00	28.92 -3.29 0.00	29.44 -3.27 0.00	30.84 -3.50 0.00	32.64 -4.16 0.00	34.40 -4.60 0.01	34.10 -4.47 0.00	33.41 -4.00 0.00	34.75 -4.03 0.00	36.04 -4.55 0.00	37.83 -5.12 0.09	39.56 -4.75 0.05	41.48 -5.27 0.75	42.50 -5.40 3.07	45.44 -5.98 4.43	51.54 -7.38 7.57	55.69 -7.59 4.48	56.77 -7.84 3.55	52.86 -6.21 3.03	46.46 -5.80 2.48	40.08 -4.53 1.13	35.98 -4.55 0.86
HARZA MOOSE___RIVER 24016	38.55 -0.08 0.00	35.39 0.07 0.00	33.25 0.07 0.00	32.40 0.19 0.00	33.13 0.43 0.00	35.07 0.72 0.00	37.57 0.77 0.00	39.67 0.66 0.00	38.96 0.39 0.00	37.63 0.22 0.00	39.01 0.23 0.00	40.86 0.12 -0.16	43.52 0.09 -0.40	45.02 0.22 -0.44	48.37 0.33 -0.53	51.33 0.25 -0.09	56.24 0.39 0.00	67.10 0.60 -0.01	68.50 0.75 0.00	68.90 0.75 0.00	62.53 0.43 0.00	55.07 0.33 0.00	45.97 0.23 0.00	41.69 0.29 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	38.05 -0.58 0.00	34.82 -0.49 0.00	32.68 -0.50 0.00	31.69 -0.52 0.00	32.25 -0.46 0.00	33.86 -0.48 0.00	36.25 -0.55 0.00	38.38 -0.62 0.00	37.92 -0.66 0.00	36.89 -0.52 0.00	38.20 -0.58 0.00	40.11 -0.73 -0.26	42.87 -0.82 -0.65	44.30 -0.75 -0.69	47.45 -0.76 -0.70	49.62 -0.76 0.59	53.86 -0.89 1.09	63.72 -1.26 1.51	65.25 -1.15 1.36	65.65 -1.09 1.41	59.88 -0.87 1.35	52.94 -0.82 0.99	44.46 -0.78 0.51	40.35 -0.70 0.34
HELLGATE_13_KV_LD 55870	40.99 2.36 0.00	37.54 2.22 0.00	35.31 2.12 0.00	34.27 2.06 0.00	34.64 1.93 0.00	36.13 1.79 0.00	38.71 1.91 0.00	41.39 2.38 0.00	41.43 2.85 0.00	40.25 2.84 0.00	42.16 3.37 -0.01	44.35 3.73 -0.03	51.11 4.13 -3.94	59.24 4.17 -10.72	59.85 4.61 -7.74	60.08 4.79 -4.31	65.49 5.59 -4.06	73.27 6.78 0.00	73.78 6.03 0.01	73.72 5.59 0.02	66.75 4.66 0.01	59.11 4.38 0.01	49.26 3.52 0.00	44.83 3.44 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	40.99 2.36 0.00	37.54 2.22 0.00	35.31 2.12 0.00	34.27 2.06 0.00	34.64 1.93 0.00	36.13 1.79 0.00	38.71 1.91 0.00	41.39 2.38 0.00	41.43 2.85 0.00	40.25 2.84 0.00	42.16 3.37 -0.01	44.35 3.73 -0.03	51.11 4.13 -3.94	59.24 4.17 -10.72	59.85 4.61 -7.74	60.08 4.79 -4.31	65.49 5.59 -4.06	73.27 6.78 0.00	73.78 6.03 0.01	73.72 5.59 0.02	66.75 4.66 0.01	59.11 4.38 0.01	49.26 3.52 0.00	44.83 3.44 0.00
HEMPSTEAD____ 23647	41.29 2.66 0.00	37.75 2.43 0.00	35.44 2.26 0.00	34.30 2.09 0.00	34.77 2.06 0.00	36.37 2.03 0.00	38.82 2.02 0.00	41.51 2.50 0.00	41.74 3.16 -0.01	40.52 3.10 -0.01	43.13 3.37 -0.98	44.78 3.81 -0.38	47.23 4.17 -0.02	53.48 4.39 -4.73	63.65 4.80 -11.35	77.27 4.94 -21.35	68.56 5.70 -7.01	78.80 7.18 -5.12	78.00 6.51 -3.74	95.76 6.27 -21.34	68.02 5.34 -0.58	60.15 4.82 -0.59	49.63 3.89 -0.01	45.00 3.60 -0.01
HICKLING___1 23621	38.24 -0.39 0.00	34.86 -0.46 0.00	32.72 -0.46 0.00	31.69 -0.52 0.00	32.25 -0.46 0.00	33.86 -0.48 0.00	36.17 -0.63 0.00	38.24 -0.78 -0.01	37.72 -0.85 0.00	36.74 -0.67 0.00	38.12 -0.77 0.00	39.97 -0.77 -0.16	42.70 -0.77 -0.44	43.89 -0.89 -0.42	47.68 -0.48 -0.65	50.61 -0.71 -0.34	55.35 -0.78 -0.28	67.37 -0.66 -1.55	65.92 -1.29 0.55	65.56 -1.02 1.57	60.18 -0.56 1.36	52.88 -0.77 1.09	44.45 -0.78 0.51	40.15 -0.87 0.38
HICKLING___2 23622	38.24 -0.39 0.00	34.86 -0.46 0.00	32.72 -0.46 0.00	31.69 -0.52 0.00	32.25 -0.46 0.00	33.86 -0.48 0.00	36.17 -0.63 0.00	38.24 -0.78 -0.01	37.72 -0.85 0.00	36.74 -0.67 0.00	38.12 -0.77 0.00	39.97 -0.77 -0.16	42.70 -0.77 -0.44	43.89 -0.89 -0.42	47.68 -0.48 -0.65	50.61 -0.71 -0.34	55.35 -0.78 -0.28	67.37 -0.66 -1.55	65.92 -1.29 0.55	65.56 -1.02 1.57	60.18 -0.56 1.36	52.88 -0.77 1.09	44.45 -0.78 0.51	40.15 -0.87 0.38
HIGH FALLS___HY 23754	40.83 2.20 0.00	37.36 2.05 0.00	34.97 1.79 0.00	33.98 1.77 0.00	34.34 1.64 0.00	35.96 1.61 0.00	38.60 1.80 0.00	41.23 2.22 0.00	41.04 2.47 0.00	39.73 2.32 0.00	41.38 2.60 0.00	43.55 2.96 0.00	46.48 3.44 0.00	47.86 3.50 0.00	51.54 4.04 0.00	55.26 4.28 0.00	60.88 5.03 0.00	72.87 6.38 0.00	73.38 5.62 0.01	73.46 5.32 0.01	67.07 4.97 0.00	58.84 4.11 0.01	48.99 3.25 0.00	44.38 2.98 0.00
HIGH_RIVER___SOLAR 323847	39.98 1.35 0.00	36.58 1.27 0.00	34.37 1.19 0.00	33.30 1.10 0.00	33.82 1.11 0.00	35.51 1.17 0.00	37.83 1.03 0.00	39.87 0.86 0.00	39.07 0.50 0.00	37.64 0.23 0.00	38.97 0.19 0.00	40.99 0.41 0.00	43.56 0.52 0.00	44.98 0.62 0.00	48.22 0.71 0.00	51.90 0.92 0.00	56.97 1.12 0.00	68.15 1.66 0.00	69.79 2.03 0.00	70.40 2.25 0.00	64.21 2.11 0.00	56.71 1.97 0.00	47.34 1.60 0.00	42.97 1.57 0.00
HILLBURN___GT 23639	40.48 1.85 0.00	37.04 1.73 0.00	34.74 1.56 0.00	33.66 1.45 0.00	34.11 1.41 0.00	35.72 1.38 0.00	38.31 1.51 0.00	40.92 1.91 0.00	40.81 2.24 0.00	39.58 2.17 0.00	41.22 2.44 0.00	43.43 2.84 0.00	46.22 3.18 0.00	47.69 3.33 0.00	51.21 3.71 0.00	54.85 3.87 0.00	60.43 4.58 0.00	72.21 5.72 0.00	72.84 5.08 0.01	72.98 4.84 0.01	66.26 4.16 0.00	58.29 3.56 0.01	48.57 2.84 0.00	44.01 2.61 0.00
HILLSIDE_115KV_TB1 80332	37.93 -0.70 0.00	34.61 -0.71 0.00	32.48 -0.70 0.00	31.50 -0.71 0.00	32.02 -0.69 0.00	33.62 -0.72 0.00	35.95 -0.85 0.00	38.00 -1.01 -0.01	37.49 -1.08 0.00	36.47 -0.94 0.00	37.85 -0.93 0.00	39.69 -1.06 -0.16	42.45 -1.03 -0.45	43.64 -1.15 -0.44	47.33 -0.81 -0.63	50.07 -1.12 -0.21	54.83 -1.12 -0.09	66.57 -1.00 -1.07	65.52 -1.63 0.62	65.20 -1.50 1.45	59.78 -1.06 1.26	52.58 -1.15 1.01	44.17 -1.10 0.47	39.89 -1.16 0.35

HISHELDN_WT_PWR 323625	35.96 -2.66 0.00	32.67 -2.65 0.00	30.66 -2.52 0.00	29.86 -2.35 0.00	30.16 -2.55 0.00	31.60 -2.75 0.00	33.49 -3.31 0.00	35.19 -3.78 0.03	34.87 -3.70 0.00	34.12 -3.29 0.00	35.21 -3.57 0.00	36.85 -3.73 0.00	38.63 -4.17 0.24	40.01 -4.30 0.04	41.75 -4.13 1.63	40.38 -4.49 6.11	42.24 -4.97 8.64	44.06 -5.52 16.91	54.77 -6.03 6.96	58.83 -6.20 3.13	54.51 -4.97 2.62	47.80 -4.76 2.18	40.87 -3.89 0.98	36.71 -3.93 0.76
HOLTSVILLE_IC_1 23690	41.68 3.05 0.00	38.31 3.00 0.00	36.07 2.89 0.00	34.91 2.71 0.00	35.29 2.58 0.00	36.92 2.58 0.00	39.30 2.50 0.00	41.89 2.89 0.00	42.36 3.78 -0.01	41.05 3.63 -0.01	43.60 3.84 -0.98	45.15 4.18 -0.38	47.53 4.48 -0.02	51.34 4.57 -2.42	54.56 4.85 -2.20	60.03 4.89 -4.15	62.91 5.70 -1.36	74.73 7.25 -0.99	75.12 6.64 -0.72	78.43 6.14 -4.14	67.36 5.15 -0.11	59.66 4.82 -0.10	50.00 4.25 -0.01	45.38 3.97 -0.01
HOLTSVILLE_IC_10 23699	41.87 3.25 0.00	38.49 3.18 0.00	36.27 3.09 0.00	35.07 2.87 0.00	35.45 2.75 0.00	37.09 2.75 0.00	39.48 2.68 0.00	42.09 3.08 0.00	42.55 3.97 -0.01	41.27 3.85 -0.01	43.83 4.07 -0.98	45.39 4.42 -0.38	47.79 4.73 -0.02	51.70 4.88 -2.46	55.06 5.18 -2.38	60.66 5.20 -4.48	63.46 6.14 -1.46	75.34 7.78 -1.07	75.64 7.11 -0.77	79.23 6.61 -4.47	67.74 5.52 -0.12	60.00 5.14 -0.11	50.27 4.53 -0.01	45.58 4.18 -0.01
HOLTSVILLE_IC_2 23691	41.68 3.05 0.00	38.31 3.00 0.00	36.07 2.89 0.00	34.91 2.71 0.00	35.29 2.58 0.00	36.92 2.58 0.00	39.30 2.50 0.00	41.89 2.89 0.00	42.36 3.78 -0.01	41.05 3.63 -0.01	43.60 3.84 -0.98	45.15 4.18 -0.38	47.53 4.48 -0.02	51.34 4.57 -2.42	54.56 4.85 -2.20	60.03 4.89 -4.15	62.91 5.70 -1.36	74.73 7.25 -0.99	75.12 6.64 -0.72	78.43 6.14 -4.14	67.36 5.15 -0.11	59.66 4.82 -0.10	50.00 4.25 -0.01	45.38 3.97 -0.01
HOLTSVILLE_IC_3 23692	41.68 3.05 0.00	38.31 3.00 0.00	36.07 2.89 0.00	34.91 2.71 0.00	35.29 2.58 0.00	36.92 2.58 0.00	39.30 2.50 0.00	41.89 2.89 0.00	42.36 3.78 -0.01	41.05 3.63 -0.01	43.60 3.84 -0.98	45.15 4.18 -0.38	47.53 4.48 -0.02	51.34 4.57 -2.42	54.56 4.85 -2.20	60.03 4.89 -4.15	62.91 5.70 -1.36	74.73 7.25 -0.99	75.12 6.64 -0.72	78.43 6.14 -4.14	67.36 5.15 -0.11	59.66 4.82 -0.10	50.00 4.25 -0.01	45.38 3.97 -0.01
HOLTSVILLE_IC_4 23693	41.68 3.05 0.00	38.31 3.00 0.00	36.07 2.89 0.00	34.91 2.71 0.00	35.29 2.58 0.00	36.92 2.58 0.00	39.30 2.50 0.00	41.89 2.89 0.00	42.36 3.78 -0.01	41.05 3.63 -0.01	43.60 3.84 -0.98	45.15 4.18 -0.38	47.53 4.48 -0.02	51.34 4.57 -2.42	54.56 4.85 -2.20	60.03 4.89 -4.15	62.91 5.70 -1.36	74.73 7.25 -0.99	75.12 6.64 -0.72	78.43 6.14 -4.14	67.36 5.15 -0.11	59.66 4.82 -0.10	50.00 4.25 -0.01	45.38 3.97 -0.01
HOLTSVILLE_IC_5 23694	41.68 3.05 0.00	38.31 3.00 0.00	36.07 2.89 0.00	34.91 2.71 0.00	35.29 2.58 0.00	36.92 2.58 0.00	39.30 2.50 0.00	41.89 2.89 0.00	42.36 3.78 -0.01	41.05 3.63 -0.01	43.60 3.84 -0.98	45.15 4.18 -0.38	47.53 4.48 -0.02	51.34 4.57 -2.42	54.56 4.85 -2.20	60.03 4.89 -4.15	62.91 5.70 -1.36	74.73 7.25 -0.99	75.12 6.64 -0.72	78.43 6.14 -4.14	67.36 5.15 -0.11	59.66 4.82 -0.10	50.00 4.25 -0.01	45.38 3.97 -0.01
HOLTSVILLE_IC_6 23695	41.87 3.25 0.00	38.49 3.18 0.00	36.27 3.09 0.00	35.07 2.87 0.00	35.45 2.75 0.00	37.09 2.75 0.00	39.48 2.68 0.00	42.09 3.08 0.00	42.55 3.97 -0.01	41.27 3.85 -0.01	43.83 4.07 -0.98	45.39 4.42 -0.38	47.79 4.73 -0.02	51.70 4.88 -2.46	55.06 5.18 -2.38	60.66 5.20 -4.48	63.46 6.14 -1.46	75.34 7.78 -1.07	75.64 7.11 -0.77	79.23 6.61 -4.47	67.74 5.52 -0.12	60.00 5.14 -0.11	50.27 4.53 -0.01	45.58 4.18 -0.01
HOLTSVILLE_IC_7 23696	41.87 3.25 0.00	38.49 3.18 0.00	36.27 3.09 0.00	35.07 2.87 0.00	35.45 2.75 0.00	37.09 2.75 0.00	39.48 2.68 0.00	42.09 3.08 0.00	42.55 3.97 -0.01	41.27 3.85 -0.01	43.83 4.07 -0.98	45.39 4.42 -0.38	47.79 4.73 -0.02	51.70 4.88 -2.46	55.06 5.18 -2.38	60.66 5.20 -4.48	63.46 6.14 -1.46	75.34 7.78 -1.07	75.64 7.11 -0.77	79.23 6.61 -4.47	67.74 5.52 -0.12	60.00 5.14 -0.11	50.27 4.53 -0.01	45.58 4.18 -0.01
HOLTSVILLE_IC_8 23697	41.87 3.25 0.00	38.49 3.18 0.00	36.27 3.09 0.00	35.07 2.87 0.00	35.45 2.75 0.00	37.09 2.75 0.00	39.48 2.68 0.00	42.09 3.08 0.00	42.55 3.97 -0.01	41.27 3.85 -0.01	43.83 4.07 -0.98	45.39 4.42 -0.38	47.79 4.73 -0.02	51.70 4.88 -2.46	55.06 5.18 -2.38	60.66 5.20 -4.48	63.46 6.14 -1.46	75.34 7.78 -1.07	75.64 7.11 -0.77	79.23 6.61 -4.47	67.74 5.52 -0.12	60.00 5.14 -0.11	50.27 4.53 -0.01	45.58 4.18 -0.01
HOLTSVILLE_IC_9 23698	41.87 3.25 0.00	38.49 3.18 0.00	36.27 3.09 0.00	35.07 2.87 0.00	35.45 2.75 0.00	37.09 2.75 0.00	39.48 2.68 0.00	42.09 3.08 0.00	42.55 3.97 -0.01	41.27 3.85 -0.01	43.83 4.07 -0.98	45.39 4.42 -0.38	47.79 4.73 -0.02	51.70 4.88 -2.46	55.06 5.18 -2.38	60.66 5.20 -4.48	63.46 6.14 -1.46	75.34 7.78 -1.07	75.64 7.11 -0.77	79.23 6.61 -4.47	67.74 5.52 -0.12	60.00 5.14 -0.11	50.27 4.53 -0.01	45.58 4.18 -0.01
HOMER_HL_115KV_TB2 355744	35.31 -3.32 0.00	32.00 -3.32 0.00	30.06 -3.12 0.00	29.08 -3.12 0.00	29.53 -3.17 0.00	30.98 -3.37 0.00	33.01 -3.79 0.00	34.67 -4.33 0.00	34.29 -4.28 0.00	33.44 -3.97 0.00	34.90 -3.88 0.00	36.24 -4.34 0.00	38.90 -4.09 0.05	39.17 -5.15 0.04	43.72 -3.33 0.46	43.20 -5.81 1.97	47.49 -5.47 2.88	59.10 -2.99 4.40	57.02 -7.45 3.29	57.75 -7.29 3.11	52.86 -6.64 2.60	46.12 -6.46 2.17	39.33 -5.44 0.97	35.26 -5.38 0.75
HOWARD_WT_PWR 323690	37.62 -1.00 0.00	34.26 -1.06 0.00	32.12 -1.06 0.00	31.21 -1.00 0.00	31.59 -1.11 0.00	33.21 -1.13 0.00	35.36 -1.44 0.00	37.25 -1.79 -0.04	36.61 -1.97 0.00	35.77 -1.65 0.00	36.88 -1.90 0.00	38.71 -1.99 -0.11	41.22 -2.32 -0.50	42.19 -2.44 -0.27	46.97 -2.14 -1.60	52.75 -2.40 -4.17	58.77 -2.68 -5.60	77.09 -2.92 -13.52	66.76 -3.53 -2.53	62.59 -3.34 2.23	57.74 -2.42 1.94	50.61 -2.57 1.56	42.73 -2.29 0.72	38.37 -2.48 0.54
HQ_GEN_CEDARS 23644	38.28 -0.35 0.00	34.93 -0.39 0.00	32.88 -0.30 0.00	31.95 -0.26 0.00	32.48 -0.23 0.00	34.24 -0.10 0.00	36.76 -0.04 0.00	38.93 -0.08 0.00	38.42 -0.15 0.00	37.19 -0.22 0.00	38.51 -0.27 0.00	40.38 -0.20 0.00	42.78 -0.26 0.00	44.00 -0.35 0.00	47.13 -0.38 0.00	50.57 -0.41 0.00	55.29 -0.56 0.00	65.96 -0.53 0.00	67.22 -0.54 0.00	67.61 -0.55 0.00	61.54 -0.56 0.00	54.25 -0.49 0.00	45.51 -0.23 0.00	41.07 -0.33 0.00
HQ_GEN_CEDARS_PROXY 323590	38.28 -0.35 0.00	34.93 -0.39 0.00	32.88 -0.30 0.00	31.95 -0.26 0.00	32.48 -0.23 0.00	34.24 -0.10 0.00	36.80 0.00 0.00	38.93 -0.08 0.00	38.42 -0.15 0.00	37.19 -0.22 0.00	38.51 -0.27 0.00	40.39 -0.20 0.00	42.78 -0.26 0.00	44.00 -0.36 0.00	47.13 -0.38 0.00	50.57 -0.41 0.00	55.29 -0.56 0.00	65.96 -0.53 0.00	67.15 -0.61 0.00	67.61 -0.55 0.00	61.54 -0.56 0.00	54.25 -0.49 0.00	45.84 -0.23 -0.33	40.73 -0.33 0.33

HQ_GEN_CHPE_PROXY 323851	40.83 2.20 0.00	37.36 2.05 0.00	35.04 1.86 0.00	33.98 1.77 0.00	34.44 1.73 0.00	35.99 1.65 0.00	38.56 1.77 0.00	41.27 2.26 0.00	41.27 2.70 0.00	40.07 2.66 0.00	41.81 3.03 -0.01	44.11 3.49 -0.03	50.80 3.83 -3.93	59.03 3.99 -10.68	59.54 4.32 -7.71	59.81 4.54 -4.29	65.20 5.31 -4.04	73.08 6.58 0.00	73.58 5.83 0.01	73.73 5.59 0.01	66.76 4.66 0.00	58.89 4.16 0.01	49.37 3.29 -0.33	44.17 3.11 0.34
HQ_GEN_IMPORT 323601	38.63 0.00 0.00	35.24 -0.07 0.00	33.15 -0.03 0.00	32.18 -0.03 0.00	32.71 0.00 0.00	34.38 0.03 0.00	36.91 0.11 0.00	39.13 0.12 0.00	38.65 0.08 0.00	37.49 0.07 0.00	38.86 0.08 0.00	40.71 0.12 0.00	43.12 0.09 0.00	44.45 0.09 0.00	47.55 0.05 0.00	51.03 0.05 0.00	55.85 0.00 0.00	66.49 0.00 0.00	67.76 0.00 0.00	68.22 0.07 0.00	62.16 0.06 0.00	54.74 0.00 0.00	46.16 0.09 -0.33	41.02 -0.04 0.33
HQ_GEN_WHEEL 23651	38.63 0.00 0.00	35.24 -0.07 0.00	33.15 -0.03 0.00	32.18 -0.03 0.00	32.71 0.00 0.00	34.38 0.03 0.00	36.91 0.11 0.00	39.13 0.12 0.00	38.65 0.08 0.00	37.49 0.07 0.00	38.86 0.08 0.00	40.71 0.12 0.00	43.12 0.09 0.00	44.45 0.09 0.00	47.55 0.05 0.00	51.03 0.05 0.00	55.85 0.00 0.00	66.49 0.00 0.00	67.76 0.00 0.00	68.22 0.07 0.00	62.16 0.06 0.00	54.74 0.00 0.00	46.16 0.09 -0.33	41.02 -0.04 0.33
HUDSON_AVE_GT_3 23810	40.91 2.28 0.00	37.47 2.15 0.00	35.11 1.92 0.00	34.11 1.90 0.00	34.51 1.80 0.00	36.06 1.72 0.00	38.68 1.88 0.00	41.39 2.38 0.00	41.39 2.82 0.00	40.22 2.81 0.00	42.00 3.22 -0.01	44.23 3.61 -0.03	50.98 4.05 -3.90	59.08 4.13 -10.60	59.67 4.51 -7.65	59.99 4.74 -4.26	65.45 5.59 -4.01	73.41 6.92 0.00	73.99 6.23 0.01	74.00 5.86 0.01	67.00 4.91 0.00	59.06 4.32 0.01	49.17 3.43 0.00	44.63 3.23 0.00
HUDSON_AVE_GT_4 23540	40.91 2.28 0.00	37.47 2.15 0.00	35.11 1.92 0.00	34.11 1.90 0.00	34.51 1.80 0.00	36.06 1.72 0.00	38.68 1.88 0.00	41.39 2.38 0.00	41.39 2.82 0.00	40.22 2.81 0.00	42.00 3.22 -0.01	44.23 3.61 -0.03	50.98 4.05 -3.90	59.08 4.13 -10.60	59.67 4.51 -7.65	59.99 4.74 -4.26	65.45 5.59 -4.01	73.41 6.92 0.00	73.99 6.23 0.01	74.00 5.86 0.01	67.00 4.91 0.00	59.06 4.32 0.01	49.17 3.43 0.00	44.63 3.23 0.00
HUDSON_AVE_GT_5 23657	40.91 2.28 0.00	37.47 2.15 0.00	35.11 1.92 0.00	34.11 1.90 0.00	34.51 1.80 0.00	36.06 1.72 0.00	38.68 1.88 0.00	41.39 2.38 0.00	41.39 2.82 0.00	40.22 2.81 0.00	42.00 3.22 -0.01	44.23 3.61 -0.03	50.98 4.05 -3.90	59.08 4.13 -10.60	59.67 4.51 -7.65	59.99 4.74 -4.26	65.45 5.59 -4.01	73.41 6.92 0.00	73.99 6.23 0.01	74.00 5.86 0.01	67.00 4.91 0.00	59.06 4.32 0.01	49.17 3.43 0.00	44.63 3.23 0.00
HUDSON_AVE_10 24168	40.83 2.20 0.00	37.40 2.08 0.00	35.04 1.86 0.00	34.04 1.84 0.00	34.41 1.70 0.00	35.99 1.65 0.00	38.64 1.84 0.00	41.35 2.34 0.00	41.39 2.82 0.00	40.18 2.77 0.00	41.97 3.18 -0.01	44.19 3.57 -0.03	50.90 3.96 -3.90	59.03 4.08 -10.60	59.62 4.47 -7.65	59.93 4.69 -4.26	65.39 5.53 -4.01	73.34 6.85 0.00	73.92 6.17 0.01	73.94 5.79 0.01	66.94 4.84 0.00	59.00 4.27 0.01	49.12 3.38 0.00	44.58 3.19 0.00
HUDSON___115KV_TB 4 355613	39.94 1.31 0.00	36.59 1.27 0.00	34.34 1.16 0.00	33.27 1.06 0.00	33.75 1.05 0.00	35.41 1.06 0.00	37.79 0.99 0.00	39.94 0.94 0.00	39.30 0.73 0.00	37.90 0.49 0.00	39.20 0.43 0.00	41.11 0.53 0.00	43.68 0.65 0.00	45.07 0.71 0.00	48.41 0.90 0.00	51.95 0.97 0.00	56.97 1.12 0.00	68.09 1.60 0.00	69.45 1.69 0.00	69.93 1.77 0.00	63.96 1.86 0.00	56.49 1.75 0.00	47.16 1.42 0.00	42.89 1.49 0.00
HUNTER MOUNT___DRP 323613	40.17 1.55 0.00	36.76 1.45 0.00	34.48 1.29 0.00	33.43 1.22 0.00	33.88 1.18 0.00	35.58 1.24 0.00	37.94 1.14 0.00	40.10 1.09 0.00	39.34 0.77 0.00	37.90 0.49 0.00	39.20 0.43 0.00	41.16 0.57 0.00	43.77 0.73 0.00	45.11 0.75 0.00	48.50 1.00 0.00	52.05 1.07 0.00	57.08 1.23 0.00	68.29 1.80 0.00	69.59 1.83 0.00	70.06 1.91 0.00	64.27 2.17 0.00	56.71 1.97 0.00	47.38 1.65 0.00	43.10 1.70 0.00
HUNTINGTON_RES_REC 323705	41.72 3.09 0.00	38.24 2.93 0.00	35.97 2.79 0.00	34.79 2.58 0.00	35.22 2.52 0.00	36.85 2.51 0.00	39.23 2.43 0.00	41.89 2.89 0.00	42.32 3.74 -0.01	41.05 3.63 -0.01	43.60 3.84 -0.98	45.27 4.30 -0.38	47.70 4.65 -0.02	51.57 4.75 -2.47	54.86 4.94 -2.41	60.57 5.05 -4.54	63.20 5.86 -1.48	75.09 7.51 -1.08	75.38 6.84 -0.78	79.09 6.40 -4.53	67.56 5.34 -0.12	59.79 4.93 -0.11	50.14 4.39 -0.01	45.46 4.06 -0.01
HUNTLEY___63 23557	35.46 -3.17 0.00	32.14 -3.18 0.00	30.23 -2.95 0.00	29.21 -3.00 0.00	29.73 -2.98 0.00	31.12 -3.23 0.00	32.79 -4.01 0.00	34.47 -4.52 0.01	34.21 -4.36 0.00	33.52 -3.89 0.00	34.94 -3.84 0.00	36.24 -4.34 0.00	38.08 -4.86 0.09	39.74 -4.57 0.05	41.79 -4.94 0.78	42.94 -4.89 3.15	45.78 -5.53 4.54	51.90 -6.85 7.75	55.95 -7.25 4.55	57.03 -7.57 3.56	53.08 -6.02 2.99	46.55 -5.69 2.49	40.14 -4.48 1.11	36.15 -4.39 0.86
HUNTLEY___64 23558	35.46 -3.17 0.00	32.14 -3.18 0.00	30.23 -2.95 0.00	29.21 -3.00 0.00	29.73 -2.98 0.00	31.12 -3.23 0.00	32.79 -4.01 0.00	34.47 -4.52 0.01	34.21 -4.36 0.00	33.52 -3.89 0.00	34.94 -3.84 0.00	36.24 -4.34 0.00	38.08 -4.86 0.09	39.74 -4.57 0.05	41.79 -4.94 0.78	42.94 -4.89 3.15	45.78 -5.53 4.54	51.90 -6.85 7.75	55.95 -7.25 4.55	57.03 -7.57 3.56	53.08 -6.02 2.99	46.55 -5.69 2.49	40.14 -4.48 1.11	36.15 -4.39 0.86
HUNTLEY___65 23559	35.46 -3.17 0.00	32.14 -3.18 0.00	30.23 -2.95 0.00	29.21 -3.00 0.00	29.73 -2.98 0.00	31.12 -3.23 0.00	32.79 -4.01 0.00	34.47 -4.52 0.01	34.21 -4.36 0.00	33.52 -3.89 0.00	34.94 -3.84 0.00	36.24 -4.34 0.00	38.08 -4.86 0.09	39.74 -4.57 0.05	41.79 -4.94 0.78	42.94 -4.89 3.15	45.78 -5.53 4.54	51.90 -6.85 7.75	55.95 -7.25 4.55	57.03 -7.57 3.56	53.08 -6.02 2.99	46.55 -5.69 2.49	40.14 -4.48 1.11	36.15 -4.39 0.86
HUNTLEY___66 23560	35.46 -3.17 0.00	32.14 -3.18 0.00	30.23 -2.95 0.00	29.21 -3.00 0.00	29.73 -2.98 0.00	31.12 -3.23 0.00	32.79 -4.01 0.00	34.47 -4.52 0.01	34.21 -4.36 0.00	33.52 -3.89 0.00	34.94 -3.84 0.00	36.24 -4.34 0.00	38.08 -4.86 0.09	39.74 -4.57 0.05	41.79 -4.94 0.78	42.94 -4.89 3.15	45.78 -5.53 4.54	51.90 -6.85 7.75	55.95 -7.25 4.55	57.03 -7.57 3.56	53.08 -6.02 2.99	46.55 -5.69 2.49	40.14 -4.48 1.11	36.15 -4.39 0.86
HUNTLEY___67 23561	35.23 -3.40 0.00	31.89 -3.43 0.00	30.00 -3.19 0.00	29.02 -3.19 0.00	29.50 -3.21 0.00	30.91 -3.43 0.00	32.71 -4.08 0.00	34.47 -4.52 0.01	34.17 -4.40 0.00	33.44 -3.97 0.00	34.82 -3.96 0.00	36.12 -4.46 0.00	37.98 -4.95 0.11	39.56 -4.75 0.05	41.62 -5.04 0.85	42.17 -5.40 3.41	44.81 -6.14 4.90	50.95 -7.11 8.43	55.51 -7.45 4.79	56.94 -7.63 3.58	52.93 -6.21 2.96	46.44 -5.80 2.50	40.01 -4.62 1.11	35.93 -4.60 0.87

HUNTLEY___68 23562	35.23 -3.40 0.00	31.89 -3.43 0.00	30.00 -3.19 0.00	29.02 -3.19 0.00	29.50 -3.21 0.00	30.91 -3.43 0.00	32.71 -4.08 0.00	34.47 -4.52 0.01	34.17 -4.40 0.00	33.44 -3.97 0.00	34.82 -3.96 0.00	36.12 -4.46 0.00	37.98 -4.95 0.11	39.56 -4.75 0.05	41.62 -5.04 0.85	42.17 -5.40 3.41	44.81 -6.14 4.90	50.95 -7.11 8.43	55.51 -7.45 4.79	56.94 -7.63 3.58	52.93 -6.21 2.96	46.44 -5.80 2.50	40.01 -4.62 1.11	35.93 -4.60 0.87
HYLAND___LFGE 323620	38.55 -0.08 0.00	35.10 -0.21 0.00	32.91 -0.27 0.00	32.02 -0.19 0.00	32.58 -0.13 0.00	34.24 -0.10 0.00	36.32 -0.48 0.00	38.19 -0.86 -0.04	37.18 -1.39 0.00	36.06 -1.35 0.00	37.00 -1.78 0.00	38.56 -2.03 0.00	41.00 -2.28 -0.24	42.01 -2.31 0.04	46.70 -2.14 -1.33	53.83 -1.53 -4.37	60.13 -1.67 -5.95	79.29 -1.79 -14.59	69.39 -0.88 -2.52	64.94 -0.47 2.74	60.46 0.87 2.51	53.10 0.28 1.91	45.03 0.23 0.94	40.44 -0.29 0.67
INDECK___CORINTH 23802	41.14 2.51 0.00	37.68 2.37 0.00	35.37 2.19 0.00	34.21 2.00 0.00	34.80 2.10 0.00	36.58 2.23 0.00	38.93 2.13 0.00	41.15 2.14 0.00	40.35 1.78 0.00	38.83 1.42 0.00	39.86 1.08 0.00	41.85 1.26 0.00	44.24 1.20 0.00	45.64 1.29 0.00	49.07 1.57 0.00	52.87 1.89 0.00	57.86 2.01 0.00	69.22 2.73 0.00	71.48 3.72 0.00	72.04 3.88 0.00	66.26 4.16 0.00	58.69 3.94 0.00	48.80 3.06 0.00	44.30 2.90 0.00
INDECK___ILION 23567	38.78 0.15 0.00	35.49 0.18 0.00	33.35 0.17 0.00	32.37 0.16 0.00	32.87 0.16 0.00	34.52 0.17 0.00	36.98 0.18 0.00	39.16 0.16 0.00	38.73 0.15 0.00	37.52 0.11 0.00	38.93 0.16 0.00	40.71 0.12 0.00	43.21 0.17 0.00	44.53 0.18 0.00	47.65 0.14 0.00	51.08 0.10 0.00	56.02 0.17 0.00	66.69 0.20 0.00	68.03 0.27 0.00	68.29 0.14 0.00	62.16 0.06 0.00	54.80 0.05 0.00	45.78 0.05 0.00	41.52 0.12 0.00
INDECK___OLEAN 23982	35.31 -3.32 0.00	32.03 -3.28 0.00	30.06 -3.12 0.00	29.25 -2.96 0.00	29.53 -3.17 0.00	30.98 -3.36 0.00	33.04 -3.75 0.00	34.67 -4.33 0.00	34.29 -4.28 0.00	33.48 -3.93 0.00	34.63 -4.15 0.00	36.33 -4.26 0.00	38.26 -4.73 0.05	39.39 -4.93 0.04	43.44 -3.61 0.46	43.25 -5.76 1.97	47.55 -5.42 2.88	58.77 -3.32 4.40	57.15 -7.32 3.29	57.75 -7.29 3.11	52.86 -6.64 2.60	46.12 -6.46 2.17	39.32 -5.44 0.97	35.26 -5.38 0.75
INDECK___OSWEGO 23783	37.74 -0.89 0.00	34.54 -0.78 0.00	32.45 -0.73 0.00	31.50 -0.71 0.00	31.99 -0.72 0.00	33.62 -0.72 0.00	35.99 -0.81 0.00	38.11 -0.90 0.00	37.61 -0.96 0.00	36.51 -0.90 0.00	37.81 -0.97 0.00	40.47 -1.22 -1.10	44.60 -1.29 -2.86	46.16 -1.33 -3.13	50.30 -1.38 -4.17	52.44 -1.37 -2.83	57.52 -1.56 -3.24	69.08 -1.99 -4.58	69.94 -1.83 -4.01	70.56 -1.77 -4.18	64.55 -1.55 -4.00	56.23 -1.42 -2.92	46.04 -1.19 -1.49	41.34 -1.08 -1.02
INDECK___YERKES 23781	35.50 -3.13 0.00	32.21 -3.11 0.00	30.26 -2.92 0.00	29.50 -2.71 0.00	29.76 -2.94 0.00	31.12 -3.23 0.00	32.79 -4.01 0.00	34.51 -4.48 0.01	34.25 -4.32 0.00	33.56 -3.85 0.00	34.67 -4.11 0.00	36.33 -4.26 0.00	38.21 -4.73 0.09	39.48 -4.83 0.05	41.88 -4.85 0.78	42.73 -5.10 3.15	45.84 -5.47 4.54	52.23 -6.51 7.75	56.23 -6.98 4.55	57.10 -7.50 3.56	53.08 -6.02 2.99	46.55 -5.69 2.49	40.19 -4.44 1.11	36.19 -4.35 0.86
INDIAN POINT_GT_1 24139	40.52 1.89 0.00	37.12 1.80 0.00	34.77 1.59 0.00	33.79 1.58 0.00	34.18 1.47 0.00	35.75 1.41 0.00	38.34 1.55 0.00	40.96 1.95 0.00	40.89 2.31 0.00	39.65 2.24 0.00	41.34 2.56 0.00	43.51 2.92 0.00	46.31 3.27 0.00	47.73 3.37 0.00	51.26 3.75 0.00	54.91 3.93 0.00	60.54 4.69 0.00	72.34 5.85 0.00	72.97 5.22 0.01	73.05 4.91 0.01	66.20 4.10 0.00	58.29 3.56 0.01	48.62 2.88 0.00	44.09 2.69 0.00
INDIAN POINT_GT_2 23659	40.52 1.89 0.00	37.12 1.80 0.00	34.77 1.59 0.00	33.79 1.58 0.00	34.18 1.47 0.00	35.75 1.41 0.00	38.34 1.55 0.00	40.96 1.95 0.00	40.89 2.31 0.00	39.65 2.24 0.00	41.34 2.56 0.00	43.51 2.92 0.00	46.31 3.27 0.00	47.73 3.37 0.00	51.26 3.75 0.00	54.91 3.93 0.00	60.54 4.69 0.00	72.34 5.85 0.00	72.97 5.22 0.01	73.05 4.91 0.01	66.20 4.10 0.00	58.29 3.56 0.01	48.62 2.88 0.00	44.09 2.69 0.00
INDIAN POINT_GT_3 24019	40.52 1.89 0.00	37.12 1.80 0.00	34.77 1.59 0.00	33.79 1.58 0.00	34.18 1.47 0.00	35.75 1.41 0.00	38.34 1.55 0.00	40.96 1.95 0.00	40.89 2.31 0.00	39.65 2.24 0.00	41.34 2.56 0.00	43.51 2.92 0.00	46.31 3.27 0.00	47.73 3.37 0.00	51.26 3.75 0.00	54.91 3.93 0.00	60.54 4.69 0.00	72.34 5.85 0.00	72.97 5.22 0.01	73.05 4.91 0.01	66.20 4.10 0.00	58.29 3.56 0.01	48.62 2.88 0.00	44.09 2.69 0.00
INDIAN POINT___2 23530	40.45 1.82 0.00	37.04 1.73 0.00	34.74 1.56 0.00	33.69 1.48 0.00	34.14 1.44 0.00	35.72 1.38 0.00	38.27 1.47 0.00	40.92 1.91 0.00	40.81 2.24 0.00	39.58 2.17 0.00	41.22 2.44 0.00	43.47 2.88 0.00	46.22 3.18 0.00	47.69 3.33 0.00	51.17 3.66 0.00	54.81 3.83 0.00	60.37 4.52 0.00	72.14 5.65 0.00	72.77 5.01 0.01	72.91 4.77 0.01	66.13 4.03 0.00	58.24 3.51 0.01	48.57 2.84 0.00	44.01 2.61 0.00
INDIAN POINT___3 23531	40.48 1.85 0.00	37.05 1.73 0.00	34.74 1.56 0.00	33.76 1.55 0.00	34.15 1.44 0.00	35.72 1.37 0.00	38.31 1.51 0.00	40.92 1.91 0.00	40.81 2.24 0.00	39.58 2.17 0.00	41.26 2.48 0.00	43.43 2.84 0.00	46.26 3.23 0.00	47.64 3.28 0.00	51.16 3.66 0.00	54.80 3.82 0.00	60.43 4.58 0.00	72.14 5.65 0.00	72.83 5.08 0.01	72.91 4.77 0.01	66.14 4.04 0.00	58.24 3.50 0.01	48.53 2.79 0.00	44.00 2.61 0.00
INDIANHD_69_KV_BK1 55831	41.84 3.21 0.00	38.53 3.21 0.00	36.10 2.92 0.00	34.98 2.77 0.00	35.32 2.62 0.00	36.96 2.61 0.00	39.37 2.58 0.00	42.01 3.00 0.00	42.43 3.86 0.00	41.19 3.78 0.00	43.79 4.03 -0.98	45.31 4.34 -0.38	47.83 4.78 -0.02	51.66 4.83 -2.46	55.03 5.13 -2.39	60.74 5.25 -4.51	63.64 6.31 -1.48	75.41 7.85 -1.08	75.72 7.18 -0.78	79.33 6.68 -4.50	67.74 5.53 -0.12	59.84 4.98 -0.11	50.27 4.53 0.00	45.58 4.18 0.00
INGHAM_C_115KV_TB7 356103	38.78 0.15 0.00	35.53 0.21 0.00	33.38 0.20 0.00	32.40 0.19 0.00	32.90 0.20 0.00	34.59 0.24 0.00	37.06 0.26 0.00	39.20 0.20 0.00	38.73 0.15 0.00	37.56 0.15 0.00	38.93 0.16 0.00	40.75 0.16 0.00	43.21 0.17 0.00	44.58 0.22 0.00	47.60 0.10 0.00	51.03 0.05 0.00	55.96 0.11 0.00	66.62 0.13 0.00	67.89 0.14 0.00	68.15 0.00 0.00	62.04 -0.06 0.00	54.63 -0.11 0.00	45.69 -0.05 0.00	41.48 0.08 0.00
IP CORINTH___1 23988	41.14 2.51 0.00	37.68 2.37 0.00	35.37 2.19 0.00	34.21 2.00 0.00	34.80 2.09 0.00	36.58 2.23 0.00	38.97 2.17 0.00	41.15 2.15 0.00	40.35 1.77 0.00	38.83 1.42 0.00	39.90 1.12 0.00	41.85 1.26 0.00	44.24 1.21 0.00	45.60 1.24 0.00	49.12 1.62 0.00	52.87 1.89 0.00	57.86 2.01 0.00	69.22 2.73 0.00	71.48 3.73 0.00	72.04 3.88 0.00	66.26 4.16 0.00	58.68 3.94 0.00	48.80 3.06 0.00	44.30 2.90 0.00

IP___TICONDEROGA 23804	42.80 4.17 0.00	39.23 3.92 0.00	36.86 3.68 0.00	35.56 3.35 0.00	36.21 3.50 0.00	38.12 3.78 0.00	40.48 3.68 0.00	42.60 3.59 0.00	41.50 2.93 0.00	39.80 2.39 0.00	40.87 2.09 0.00	42.86 2.27 0.00	45.40 2.37 0.00	46.97 2.62 0.00	50.64 3.14 0.00	54.65 3.67 0.00	59.87 4.02 0.00	71.81 5.32 0.00	74.26 6.50 0.00	75.17 7.02 0.00	69.18 7.08 0.00	61.42 6.68 0.00	50.95 5.21 0.00	46.24 4.84 0.00
ISLIP_RES_REC 323679	42.07 3.44 0.00	38.63 3.32 0.00	36.40 3.22 0.00	35.20 3.00 0.00	35.59 2.88 0.00	37.23 2.89 0.00	39.63 2.83 0.00	42.24 3.24 0.00	42.75 4.17 -0.01	41.46 4.04 -0.01	44.02 4.27 -0.98	45.63 4.67 -0.38	48.04 4.99 -0.02	51.99 5.14 -2.49	55.51 5.51 -2.50	61.24 5.56 -4.70	63.92 6.53 -1.54	75.86 8.24 -1.12	76.16 7.59 -0.81	79.87 7.02 -4.69	68.12 5.90 -0.12	60.34 5.47 -0.12	50.55 4.80 -0.01	45.79 4.39 -0.01
JAMAICA__27_KV_LOAD 355505	41.06 2.43 0.00	37.57 2.26 0.00	35.21 2.02 0.00	34.17 1.96 0.00	34.57 1.86 0.00	36.17 1.82 0.00	38.90 2.10 0.00	41.66 2.65 0.00	41.73 3.16 0.00	40.52 3.11 0.00	42.31 3.53 -0.01	44.55 3.94 -0.03	51.24 4.30 -3.90	59.39 4.44 -10.60	60.05 4.89 -7.65	60.34 5.10 -4.26	65.84 5.98 -4.01	74.07 7.58 0.00	74.60 6.84 0.01	74.62 6.47 0.01	67.56 5.46 0.00	59.61 4.87 0.01	49.53 3.80 0.00	44.92 3.52 0.00
JANIS___SOLAR 323808	39.67 1.04 0.00	36.23 0.92 0.00	33.98 0.80 0.00	33.01 0.81 0.00	33.56 0.85 0.00	35.31 0.96 0.00	37.79 0.99 0.00	39.83 0.82 0.00	39.00 0.43 0.00	37.67 0.26 0.00	38.89 0.12 0.00	40.89 0.08 -0.23	43.72 0.09 -0.59	45.16 0.18 -0.62	48.73 0.43 -0.80	51.56 0.41 -0.17	56.54 0.67 -0.01	68.26 1.26 -0.51	69.16 1.76 0.35	69.42 2.04 0.78	63.45 2.05 0.70	55.84 1.64 0.54	46.62 1.14 0.26	42.20 0.99 0.19
JARVIS____ 23743	38.71 0.08 0.00	35.42 0.11 0.00	33.28 0.10 0.00	32.27 0.06 0.00	32.77 0.07 0.00	34.41 0.07 0.00	36.84 0.04 0.00	39.05 0.04 0.00	38.61 0.04 0.00	37.45 0.04 0.00	38.82 0.04 0.00	40.63 0.04 0.00	43.08 0.04 0.00	44.40 0.04 0.00	47.55 0.05 0.00	51.03 0.05 0.00	55.91 0.06 0.00	66.56 0.07 0.00	67.89 0.14 0.00	68.22 0.07 0.00	62.16 0.06 0.00	54.85 0.11 0.00	45.78 0.05 0.00	41.48 0.08 0.00
JENNISON___1 23625	39.90 1.27 0.00	36.44 1.13 0.00	34.21 1.03 0.00	33.21 1.00 0.00	33.72 1.01 0.00	35.48 1.13 0.00	37.94 1.14 0.00	40.06 1.05 0.00	39.42 0.85 0.00	38.20 0.79 0.00	39.63 0.85 0.00	41.60 0.85 -0.16	44.45 0.99 -0.43	45.87 1.06 -0.45	49.43 1.38 -0.55	52.25 1.27 0.00	57.30 1.62 0.17	68.75 2.19 -0.06	69.62 2.30 0.44	69.76 2.32 0.71	63.64 2.17 0.63	56.05 1.81 0.50	46.78 1.28 0.23	42.34 1.12 0.17
JENNISON___2 23626	39.90 1.27 0.00	36.44 1.13 0.00	34.21 1.03 0.00	33.21 1.00 0.00	33.72 1.01 0.00	35.48 1.13 0.00	37.94 1.14 0.00	40.06 1.05 0.00	39.42 0.85 0.00	38.20 0.79 0.00	39.63 0.85 0.00	41.60 0.85 -0.16	44.45 0.99 -0.43	45.87 1.06 -0.45	49.43 1.38 -0.55	52.25 1.27 0.00	57.30 1.62 0.17	68.75 2.19 -0.06	69.62 2.30 0.44	69.76 2.32 0.71	63.64 2.17 0.63	56.05 1.81 0.50	46.78 1.28 0.23	42.34 1.12 0.17
JERICHO_RISE_WT_PWR 323719	38.17 -0.46 0.00	34.75 -0.57 0.00	32.85 -0.33 0.00	31.92 -0.29 0.00	32.44 -0.26 0.00	34.17 -0.17 0.00	36.73 -0.07 0.00	38.93 -0.08 0.00	38.46 -0.12 0.00	37.30 -0.11 0.00	38.66 -0.12 0.00	40.55 -0.04 0.00	42.99 -0.04 0.00	44.18 -0.18 0.00	47.32 -0.19 0.00	50.73 -0.25 0.00	55.52 -0.33 0.00	66.23 -0.26 0.00	67.56 -0.20 0.00	67.95 -0.20 0.00	61.85 -0.25 0.00	54.36 -0.38 0.00	45.46 -0.27 0.00	41.07 -0.33 0.00
KATONAH___115KV_46KV_TB4 355592	40.68 2.05 0.00	37.26 1.94 0.00	34.94 1.76 0.00	33.92 1.71 0.00	34.34 1.64 0.00	35.93 1.58 0.00	38.53 1.73 0.00	41.11 2.11 0.00	41.04 2.47 0.00	39.80 2.39 0.00	41.49 2.71 0.00	43.63 3.04 0.00	46.52 3.49 0.00	47.99 3.64 0.00	51.50 3.99 0.00	55.16 4.18 0.00	60.99 5.14 0.00	72.87 6.38 0.00	73.38 5.62 0.01	73.53 5.38 0.01	66.45 4.35 0.00	58.51 3.78 0.01	48.76 3.02 0.00	44.25 2.86 0.00
KCE_NY_1 323755	40.45 1.82 0.00	37.04 1.73 0.00	34.77 1.59 0.00	33.66 1.45 0.00	34.21 1.51 0.00	35.93 1.58 0.00	38.31 1.51 0.00	40.45 1.44 0.00	39.80 1.23 0.00	38.38 0.97 0.00	39.67 0.89 0.00	41.60 1.02 0.00	44.07 1.03 0.00	45.56 1.20 0.00	48.89 1.38 0.00	52.56 1.58 0.00	57.59 1.73 0.00	68.75 2.26 0.00	70.40 2.64 0.00	70.88 2.73 0.00	64.77 2.67 0.00	57.32 2.57 0.00	47.80 2.06 0.00	43.43 2.03 0.00
KCE_NY_6_ESR 323823	35.58 -3.05 0.00	32.28 -3.04 0.00	30.29 -2.89 0.00	29.50 -2.71 0.00	29.76 -2.94 0.00	31.19 -3.16 0.00	33.08 -3.72 0.00	34.82 -4.17 0.01	34.52 -4.05 0.00	33.82 -3.59 0.00	34.94 -3.84 0.00	36.61 -3.98 0.00	38.50 -4.43 0.11	39.74 -4.57 0.05	42.39 -4.28 0.84	42.71 -4.89 3.38	45.58 -5.42 4.85	52.45 -5.59 8.46	56.49 -6.57 4.69	57.77 -6.95 3.43	53.53 -5.71 2.86	46.87 -5.47 2.40	40.28 -4.39 1.07	36.18 -4.39 0.83
KEDC_PORT_JEFF_GT2 24210	41.83 3.20 0.00	38.42 3.11 0.00	36.20 3.02 0.00	35.01 2.80 0.00	35.39 2.68 0.00	37.03 2.68 0.00	39.41 2.61 0.00	42.01 3.00 0.00	42.47 3.89 -0.01	41.20 3.78 -0.01	43.63 3.88 -0.98	45.23 4.26 -0.38	47.61 4.56 -0.02	51.46 4.66 -2.44	54.90 5.09 -2.31	60.44 5.10 -4.36	63.26 5.98 -1.42	74.98 7.45 -1.04	75.35 6.84 -0.75	78.77 6.27 -4.34	67.49 5.28 -0.11	59.88 5.03 -0.11	50.18 4.44 -0.01	45.50 4.10 -0.01
KEDC_PORT_JEFF_GT3 24211	41.83 3.20 0.00	38.42 3.11 0.00	36.20 3.02 0.00	35.01 2.80 0.00	35.39 2.68 0.00	37.03 2.68 0.00	39.41 2.61 0.00	42.01 3.00 0.00	42.47 3.89 -0.01	41.20 3.78 -0.01	43.63 3.88 -0.98	45.23 4.26 -0.38	47.61 4.56 -0.02	51.46 4.66 -2.44	54.90 5.09 -2.31	60.44 5.10 -4.36	63.26 5.98 -1.42	74.98 7.45 -1.04	75.35 6.84 -0.75	78.77 6.27 -4.34	67.49 5.28 -0.11	59.88 5.03 -0.11	50.18 4.44 -0.01	45.50 4.10 -0.01
KEDC_GLWD_GT4 24219	41.22 2.59 0.00	37.68 2.37 0.00	35.37 2.19 0.00	34.27 2.06 0.00	34.70 2.00 0.00	36.30 1.96 0.00	38.82 2.02 0.00	41.51 2.50 0.00	41.67 3.09 -0.01	40.41 2.99 -0.01	43.05 3.29 -0.98	44.74 3.78 -0.38	47.23 4.17 -0.02	53.32 4.35 -4.61	63.14 4.75 -10.88	76.41 4.94 -20.48	68.16 5.58 -6.72	78.26 6.85 -4.91	77.51 6.17 -3.58	94.49 5.86 -20.47	67.81 5.15 -0.56	60.02 4.71 -0.57	49.54 3.79 -0.01	44.88 3.48 -0.01
KEDC_GLWD_GT5 24220	41.22 2.59 0.00	37.68 2.37 0.00	35.37 2.19 0.00	34.27 2.06 0.00	34.70 2.00 0.00	36.30 1.96 0.00	38.82 2.02 0.00	41.51 2.50 0.00	41.67 3.09 -0.01	40.41 2.99 -0.01	43.05 3.29 -0.98	44.74 3.78 -0.38	47.23 4.17 -0.02	53.32 4.35 -4.61	63.14 4.75 -10.88	76.41 4.94 -20.48	68.16 5.58 -6.72	78.26 6.85 -4.91	77.51 6.17 -3.58	94.49 5.86 -20.47	67.81 5.15 -0.56	60.02 4.71 -0.57	49.54 3.79 -0.01	44.88 3.48 -0.01

KENSICO____ 23655	40.64 2.01 0.00	37.19 1.87 0.00	34.87 1.69 0.00	33.88 1.67 0.00	34.28 1.57 0.00	35.86 1.51 0.00	38.45 1.66 0.00	41.04 2.03 0.00	41.00 2.43 0.00	39.80 2.39 0.00	41.49 2.71 0.00	43.67 3.08 0.00	46.52 3.49 0.00	47.91 3.55 0.00	51.40 3.90 0.00	55.06 4.08 0.00	60.71 4.86 0.00	72.54 6.05 0.00	73.17 5.42 0.01	73.25 5.11 0.01	66.38 4.28 0.00	58.46 3.72 0.01	48.76 3.02 0.00	44.21 2.82 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	40.75 2.12 0.00	37.29 1.98 0.00	34.91 1.73 0.00	33.92 1.71 0.00	34.28 1.57 0.00	35.93 1.58 0.00	38.53 1.73 0.00	41.11 2.11 0.00	40.85 2.28 0.00	39.54 2.13 0.00	41.18 2.40 0.00	43.31 2.72 0.00	46.18 3.14 0.00	47.60 3.24 0.00	51.26 3.75 0.00	54.96 3.98 0.00	60.54 4.69 0.00	72.41 5.92 0.00	72.97 5.22 0.01	73.19 5.04 0.01	66.76 4.66 0.00	58.62 3.89 0.01	48.85 3.11 0.00	44.25 2.86 0.00
KIAC_JFK_GT1 23816	40.83 2.20 0.00	37.36 2.05 0.00	35.01 1.82 0.00	34.01 1.80 0.00	34.37 1.67 0.00	35.99 1.65 0.00	38.68 1.88 0.00	41.47 2.46 0.00	41.50 2.93 0.00	40.33 2.92 0.00	42.12 3.33 -0.01	44.31 3.69 -0.03	50.98 4.05 -3.90	59.12 4.17 -10.60	59.72 4.56 -7.65	60.04 4.79 -4.26	65.34 5.47 -4.01	73.41 6.92 0.00	73.99 6.23 0.01	74.00 5.86 0.01	67.00 4.91 0.00	59.22 4.49 0.01	49.26 3.52 0.00	44.67 3.27 0.00
KIAC_JFK_GT2 23817	40.83 2.20 0.00	37.36 2.05 0.00	35.01 1.82 0.00	34.01 1.80 0.00	34.37 1.67 0.00	35.99 1.65 0.00	38.68 1.88 0.00	41.47 2.46 0.00	41.50 2.93 0.00	40.33 2.92 0.00	42.12 3.33 -0.01	44.31 3.69 -0.03	50.98 4.05 -3.90	59.12 4.17 -10.60	59.72 4.56 -7.65	60.04 4.79 -4.26	65.34 5.47 -4.01	73.41 6.92 0.00	73.99 6.23 0.01	74.00 5.86 0.01	67.00 4.91 0.00	59.22 4.49 0.01	49.26 3.52 0.00	44.67 3.27 0.00
KIAC_JFK____ 323774	40.83 2.20 0.00	37.36 2.05 0.00	35.00 1.82 0.00	33.95 1.74 0.00	34.37 1.67 0.00	35.99 1.65 0.00	38.64 1.84 0.00	41.47 2.46 0.00	41.50 2.93 0.00	40.33 2.92 0.00	42.04 3.26 -0.01	44.31 3.69 -0.03	50.98 4.04 -3.90	59.17 4.22 -10.60	59.72 4.56 -7.65	59.99 4.74 -4.26	65.28 5.42 -4.01	73.34 6.85 0.00	73.92 6.17 0.01	74.00 5.86 0.01	67.00 4.90 0.00	59.28 4.54 0.01	49.26 3.52 0.00	44.67 3.27 0.00
KINTIGH_24_KV_GSU 356498	35.62 -3.01 0.00	32.38 -2.93 0.00	30.39 -2.79 0.00	29.60 -2.61 0.00	29.93 -2.78 0.00	31.36 -2.99 0.00	33.27 -3.53 0.00	35.18 -3.82 0.01	34.87 -3.70 0.00	34.08 -3.33 0.00	35.13 -3.65 0.00	36.77 -3.82 0.00	38.70 -4.26 0.07	40.00 -4.30 0.05	42.25 -4.61 0.65	43.89 -4.38 2.71	46.58 -5.36 3.90	53.05 -6.92 6.52	57.81 -5.96 3.98	58.61 -6.34 3.21	53.91 -4.91 3.29	47.79 -4.71 2.24	40.85 -3.66 1.23	36.93 -3.68 0.78
KINTIGH____ 23543	35.62 -3.01 0.00	32.31 -3.00 0.00	30.39 -2.79 0.00	29.41 -2.80 0.00	29.93 -2.78 0.00	31.36 -2.99 0.00	33.27 -3.53 0.00	35.18 -3.82 0.01	34.83 -3.74 0.00	34.04 -3.37 0.00	35.37 -3.41 0.00	36.73 -3.86 0.00	38.49 -4.48 0.07	40.36 -3.95 0.05	42.15 -4.70 0.65	43.84 -4.44 2.71	46.59 -5.36 3.90	52.79 -7.18 6.52	57.61 -6.17 3.98	58.54 -6.41 3.21	53.91 -4.91 3.29	47.90 -4.60 2.24	40.85 -3.66 1.23	36.93 -3.68 0.78
KNTFSRNC_46_KV_46KV_LOAD 80397	38.36 -0.27 0.00	34.93 -0.39 0.00	32.98 -0.20 0.00	32.05 -0.16 0.00	32.61 -0.10 0.00	34.35 0.00 0.00	36.87 0.07 0.00	39.16 0.16 0.00	38.61 0.04 0.00	37.49 0.07 0.00	38.82 0.04 0.00	40.75 0.16 0.00	43.21 0.17 0.00	44.40 0.04 0.00	47.55 0.05 0.00	51.03 0.05 0.00	55.91 0.06 0.00	66.76 0.27 0.00	68.03 0.27 0.00	68.49 0.34 0.00	62.35 0.25 0.00	54.80 0.05 0.00	45.83 0.09 0.00	41.32 -0.08 0.00
LACHUTE____HYDRO 323717	42.80 4.17 0.00	39.23 3.92 0.00	36.86 3.68 0.00	35.56 3.35 0.00	36.21 3.50 0.00	38.12 3.78 0.00	40.44 3.64 0.00	42.59 3.59 0.00	41.50 2.93 0.00	39.81 2.40 0.00	40.83 2.05 0.00	42.86 2.27 0.00	45.40 2.37 0.00	46.97 2.62 0.00	50.64 3.13 0.00	54.65 3.67 0.00	59.88 4.02 0.00	71.81 5.32 0.00	74.26 6.51 0.00	75.18 7.02 0.00	69.18 7.08 0.00	61.42 6.68 0.00	50.95 5.21 0.00	46.24 4.84 0.00
LAWRNCV_115KV_TB1 80681	37.70 -0.93 0.00	34.43 -0.88 0.00	32.42 -0.76 0.00	31.53 -0.68 0.00	32.08 -0.62 0.00	33.86 -0.48 0.00	36.32 -0.48 0.00	38.50 -0.51 0.00	37.88 -0.69 0.00	36.55 -0.86 0.00	37.85 -0.93 0.00	39.69 -0.89 0.00	41.96 -1.08 0.00	43.16 -1.20 0.00	46.27 -1.24 0.00	49.61 -1.38 0.00	54.23 -1.62 0.00	64.70 -1.80 0.00	66.00 -1.76 0.00	66.45 -1.70 0.00	60.48 -1.61 0.00	53.26 -1.48 0.00	44.78 -0.96 0.00	40.41 -0.99 0.00
LEDERLE____ 23769	40.60 1.97 0.00	37.19 1.87 0.00	34.84 1.66 0.00	33.85 1.64 0.00	34.24 1.54 0.00	35.82 1.48 0.00	38.42 1.62 0.00	41.08 2.07 0.00	40.92 2.35 0.00	39.69 2.28 0.00	41.38 2.60 0.00	43.55 2.96 0.00	46.39 3.36 0.00	47.77 3.42 0.00	51.40 3.90 0.00	55.06 4.08 0.00	60.65 4.80 0.00	72.48 5.98 0.00	73.10 5.35 0.01	73.19 5.04 0.01	66.51 4.41 0.00	58.46 3.72 0.01	48.76 3.02 0.00	44.13 2.73 0.00
LIGHTHSE_115KV_TB6 355974	38.20 -0.42 0.00	34.96 -0.35 0.00	32.85 -0.33 0.00	31.89 -0.32 0.00	32.48 -0.23 0.00	34.21 -0.14 0.00	36.65 -0.15 0.00	38.74 -0.27 0.00	38.11 -0.46 0.00	36.96 -0.45 0.00	38.24 -0.54 0.00	40.37 -0.77 -0.56	43.66 -0.82 -1.44	45.17 -0.75 -1.57	48.71 -0.76 -1.97	50.97 -0.76 -0.76	55.65 -0.84 -0.64	66.15 -1.26 -0.93	67.60 -0.95 -0.79	68.16 -0.82 -0.82	62.20 -0.68 -0.79	54.66 -0.66 -0.57	45.57 -0.46 -0.29	41.19 -0.41 -0.20
LINDEN COGEN____ 23786	40.63 2.01 0.01	37.18 1.87 0.01	34.86 1.69 0.01	33.83 1.64 0.02	34.26 1.57 0.02	35.81 1.48 0.02	38.40 1.62 0.02	41.10 2.11 0.02	38.65 2.55 2.47	38.65 2.55 1.31	41.65 2.87 0.00	43.94 3.33 -0.02	50.63 3.70 -3.89	58.80 3.86 -10.59	59.33 4.18 -7.64	59.57 4.33 -4.25	63.76 5.14 -2.77	71.30 6.32 1.52	71.94 5.62 1.44	72.02 5.32 1.46	66.15 4.41 0.36	58.67 3.94 0.02	48.84 3.11 0.01	44.33 2.94 0.01
LINDHRST_69_KV_BK1 356055	41.99 3.36 0.00	38.56 3.25 0.00	36.10 2.92 0.00	34.98 2.77 0.00	35.39 2.68 0.00	36.99 2.64 0.00	39.45 2.65 0.00	42.13 3.12 0.00	42.51 3.93 0.00	41.26 3.85 0.00	43.94 4.19 -0.98	45.51 4.55 -0.38	48.05 4.99 -0.02	52.76 5.06 -3.34	58.88 5.51 -5.86	67.72 5.71 -11.03	66.17 6.70 -3.62	77.51 8.38 -2.64	77.47 7.79 -1.92	86.53 7.36 -11.02	68.67 6.27 -0.30	60.57 5.53 -0.30	50.49 4.76 0.00	45.74 4.35 0.00
LIPA_MISC_IPP 23656	41.57 2.94 0.00	38.49 3.18 0.00	36.27 3.09 0.00	35.14 2.93 0.00	35.39 2.68 0.00	37.02 2.68 0.00	39.41 2.61 0.00	41.86 2.85 0.00	42.35 3.78 0.00	41.04 3.63 0.00	43.60 3.84 -0.98	44.99 4.02 -0.38	47.44 4.39 -0.02	51.13 4.35 -2.42	54.30 4.56 -2.24	59.89 4.69 -4.21	62.98 5.75 -1.38	74.68 7.18 -1.01	75.06 6.57 -0.73	78.29 5.93 -4.20	67.05 4.84 -0.11	59.17 4.32 -0.10	49.81 4.07 0.00	45.25 3.85 0.00

LISF__SOLAR 323691	41.64 3.02 0.00	38.42 3.11 0.00	36.30 3.12 0.00	35.14 2.93 0.00	35.45 2.75 0.00	37.09 2.75 0.00	39.45 2.65 0.00	41.94 2.93 0.00	42.40 3.82 -0.01	41.09 3.67 -0.01	43.60 3.84 -0.98	45.19 4.22 -0.38	47.45 4.39 -0.02	51.22 4.44 -2.43	54.48 4.70 -2.27	59.94 4.69 -4.27	62.89 5.64 -1.40	74.83 7.31 -1.02	75.14 6.64 -0.74	78.48 6.06 -4.26	67.24 5.03 -0.11	59.50 4.65 -0.11	49.95 4.21 -0.01	45.34 3.93 -0.01
LITTLE FALLS__HYD 24013	38.78 0.15 0.00	35.53 0.21 0.00	33.38 0.20 0.00	32.40 0.19 0.00	32.90 0.20 0.00	34.59 0.24 0.00	37.06 0.26 0.00	39.20 0.20 0.00	38.73 0.15 0.00	37.56 0.15 0.00	38.93 0.16 0.00	40.75 0.16 0.00	43.21 0.17 0.00	44.58 0.22 0.00	47.60 0.10 0.00	51.03 0.05 0.00	55.96 0.11 0.00	66.62 0.13 0.00	67.89 0.14 0.00	68.15 0.00 0.00	62.04 -0.06 0.00	54.63 -0.11 0.00	45.69 -0.05 0.00	41.48 0.08 0.00
LITTLRIV_115KV_TB1 356100	38.09 -0.54 0.00	34.75 -0.57 0.00	32.72 -0.46 0.00	31.82 -0.39 0.00	32.38 -0.33 0.00	34.17 -0.17 0.00	36.69 -0.11 0.00	38.77 -0.23 0.00	38.11 -0.46 0.00	36.70 -0.71 0.00	38.00 -0.78 0.00	39.86 -0.73 0.00	42.09 -0.95 0.00	43.34 -1.02 0.00	46.41 -1.09 0.00	49.81 -1.17 0.00	54.51 -1.34 0.00	65.09 -1.40 0.00	66.54 -1.22 0.00	67.06 -1.09 0.00	61.04 -1.06 0.00	53.81 -0.93 0.00	45.23 -0.50 0.00	40.82 -0.58 0.00
LI_NEWBRDGE__DRP 323616	41.26 2.63 0.00	37.86 2.54 0.00	35.47 2.29 0.00	34.37 2.16 0.00	34.77 2.06 0.00	36.37 2.03 0.00	38.82 2.02 0.00	41.47 2.46 0.00	41.73 3.16 0.00	40.52 3.11 0.00	43.13 3.37 -0.98	44.70 3.73 -0.38	47.18 4.13 -0.02	50.52 4.17 -1.99	52.64 4.61 -0.52	56.82 4.84 -0.99	61.81 5.64 -0.32	73.77 7.05 -0.23	74.36 6.44 -0.16	75.34 6.20 -0.98	67.34 5.22 -0.02	59.30 4.54 -0.01	49.53 3.80 0.00	44.96 3.56 0.00
LOCKPORT_115KV_TB60_63_64 80432	35.11 -3.52 0.00	31.78 -3.53 0.00	29.90 -3.28 0.00	28.92 -3.29 0.00	29.44 -3.27 0.00	30.84 -3.50 0.00	32.64 -4.16 0.00	34.40 -4.60 0.01	34.10 -4.47 0.00	33.37 -4.04 0.00	34.75 -4.03 0.00	36.04 -4.55 0.00	37.83 -5.12 0.09	39.56 -4.75 0.05	41.51 -5.27 0.73	42.65 -5.35 2.98	45.75 -5.81 4.30	51.91 -7.31 7.27	55.85 -7.52 4.39	56.84 -7.77 3.54	52.91 -6.15 3.04	46.47 -5.80 2.47	40.07 -4.53 1.14	36.03 -4.51 0.86
LOCKPORT__CC1 323769	35.11 -3.51 0.00	31.86 -3.46 0.00	29.93 -3.25 0.00	29.18 -3.03 0.00	29.44 -3.27 0.00	30.84 -3.50 0.00	32.64 -4.16 0.00	34.40 -4.60 0.01	34.14 -4.43 0.00	33.41 -4.00 0.00	34.44 -4.34 0.00	36.08 -4.51 0.00	37.96 -4.99 0.09	39.21 -5.10 0.05	41.53 -5.23 0.75	42.56 -5.35 3.07	45.44 -5.98 4.43	51.61 -7.31 7.57	55.96 -7.32 4.48	56.83 -7.77 3.55	52.86 -6.21 3.03	46.41 -5.86 2.48	40.08 -4.53 1.13	35.98 -4.55 0.86
LOCKPORT__CC2 323770	35.11 -3.51 0.00	31.86 -3.46 0.00	29.93 -3.25 0.00	29.18 -3.03 0.00	29.44 -3.27 0.00	30.84 -3.50 0.00	32.64 -4.16 0.00	34.40 -4.60 0.01	34.14 -4.43 0.00	33.41 -4.00 0.00	34.44 -4.34 0.00	36.08 -4.51 0.00	37.96 -4.99 0.09	39.21 -5.10 0.05	41.53 -5.23 0.75	42.56 -5.35 3.07	45.44 -5.98 4.43	51.61 -7.31 7.57	55.96 -7.32 4.48	56.83 -7.77 3.55	52.86 -6.21 3.03	46.41 -5.86 2.48	40.08 -4.53 1.13	35.98 -4.55 0.86
LOCKPORT__CC3 323771	35.11 -3.51 0.00	31.86 -3.46 0.00	29.93 -3.25 0.00	29.18 -3.03 0.00	29.44 -3.27 0.00	30.84 -3.50 0.00	32.64 -4.16 0.00	34.40 -4.60 0.01	34.14 -4.43 0.00	33.41 -4.00 0.00	34.44 -4.34 0.00	36.08 -4.51 0.00	37.96 -4.99 0.09	39.21 -5.10 0.05	41.53 -5.23 0.75	42.56 -5.35 3.07	45.44 -5.98 4.43	51.61 -7.31 7.57	55.96 -7.32 4.48	56.83 -7.77 3.55	52.86 -6.21 3.03	46.41 -5.86 2.48	40.08 -4.53 1.13	35.98 -4.55 0.86
LOCUSVLY_69_KV_BK2 55797	41.49 2.86 0.00	38.03 2.72 0.00	35.64 2.46 0.00	34.53 2.32 0.00	34.93 2.22 0.00	36.54 2.20 0.00	39.04 2.24 0.00	41.74 2.73 0.00	41.97 3.39 0.00	40.74 3.33 0.00	43.44 3.68 -0.98	45.07 4.10 -0.38	47.62 4.56 -0.02	53.11 4.66 -4.09	61.46 5.13 -8.83	72.94 5.35 -16.61	67.56 6.26 -5.45	78.12 7.65 -3.98	77.64 6.98 -2.90	91.36 6.61 -16.60	68.20 5.65 -0.45	60.18 4.98 -0.46	49.90 4.16 0.00	45.21 3.81 0.00
LONG_LAKE_PHOENIX 24014	37.86 -0.77 0.00	34.64 -0.67 0.00	32.52 -0.66 0.00	31.56 -0.64 0.00	32.08 -0.62 0.00	33.73 -0.62 0.00	36.06 -0.74 0.00	38.19 -0.82 0.00	37.72 -0.85 0.00	36.66 -0.75 0.00	37.93 -0.85 0.00	40.36 -1.06 -0.83	44.08 -1.12 -2.16	45.66 -1.06 -2.37	49.45 -1.14 -3.08	51.58 -1.12 -1.72	56.39 -1.28 -1.82	67.36 -1.73 -2.60	68.46 -1.56 -2.26	69.01 -1.50 -2.35	63.11 -1.24 -2.25	55.24 -1.15 -1.64	45.53 -1.05 -0.84	41.02 -0.95 -0.57
LOVETT__3 23632	40.41 1.78 0.00	37.01 1.70 0.00	34.71 1.53 0.00	33.72 1.51 0.00	34.11 1.41 0.00	35.68 1.34 0.00	38.27 1.47 0.00	40.88 1.87 0.00	40.77 2.20 0.00	39.54 2.13 0.00	41.22 2.44 0.00	43.39 2.80 0.00	46.22 3.18 0.00	47.60 3.24 0.00	51.12 3.61 0.00	54.75 3.77 0.00	60.37 4.52 0.00	72.08 5.59 0.00	72.77 5.01 0.01	72.85 4.70 0.01	66.07 3.97 0.00	58.18 3.45 0.01	48.53 2.79 0.00	43.96 2.57 0.00
LOVETT__4 23642	40.41 1.78 0.00	37.01 1.70 0.00	34.71 1.53 0.00	33.72 1.51 0.00	34.11 1.41 0.00	35.68 1.34 0.00	38.27 1.47 0.00	40.88 1.87 0.00	40.77 2.20 0.00	39.54 2.13 0.00	41.22 2.44 0.00	43.39 2.80 0.00	46.22 3.18 0.00	47.60 3.24 0.00	51.12 3.61 0.00	54.75 3.77 0.00	60.37 4.52 0.00	72.08 5.59 0.00	72.77 5.01 0.01	72.85 4.70 0.01	66.07 3.97 0.00	58.18 3.45 0.01	48.53 2.79 0.00	43.96 2.57 0.00
LOVETT__5 23593	40.41 1.78 0.00	37.01 1.70 0.00	34.71 1.53 0.00	33.72 1.51 0.00	34.11 1.41 0.00	35.68 1.34 0.00	38.27 1.47 0.00	40.88 1.87 0.00	40.77 2.20 0.00	39.54 2.13 0.00	41.22 2.44 0.00	43.39 2.80 0.00	46.22 3.18 0.00	47.60 3.24 0.00	51.12 3.61 0.00	54.75 3.77 0.00	60.37 4.52 0.00	72.08 5.59 0.00	72.77 5.01 0.01	72.85 4.70 0.01	66.07 3.97 0.00	58.18 3.45 0.01	48.53 2.79 0.00	43.96 2.57 0.00
LOWER RAQUET__HYD 24057	37.55 -1.08 0.00	34.26 -1.06 0.00	32.29 -0.89 0.00	31.37 -0.84 0.00	31.96 -0.75 0.00	33.73 -0.62 0.00	36.28 -0.52 0.00	38.35 -0.66 0.00	37.72 -0.85 0.00	36.36 -1.05 0.00	37.65 -1.13 0.00	39.52 -1.14 -0.07	41.89 -1.33 -0.18	43.09 -1.46 -0.20	46.23 -1.52 -0.24	49.34 -1.68 -0.04	53.95 -1.90 0.00	64.30 -2.19 0.00	65.59 -2.17 0.00	66.11 -2.04 0.00	60.11 -1.99 0.00	52.99 -1.75 0.00	44.55 -1.19 0.00	40.20 -1.20 0.00
LOWER__HUDSON 24059	39.83 1.20 0.00	36.48 1.16 0.00	34.27 1.09 0.00	33.21 1.00 0.00	33.72 1.02 0.00	35.41 1.07 0.00	37.75 0.96 0.00	39.87 0.86 0.00	39.34 0.77 0.00	38.01 0.60 0.00	39.32 0.54 0.00	41.23 0.65 0.00	43.68 0.65 0.00	45.11 0.75 0.00	48.31 0.81 0.00	51.80 0.89 0.00	56.74 0.89 0.00	67.69 1.20 0.00	69.18 1.43 0.00	69.65 1.50 0.00	63.46 1.36 0.00	56.16 1.42 0.00	46.92 1.19 0.00	42.68 1.28 0.00

LOWVILLE_115KV_TB2 356335	38.17 -0.46 0.00	35.07 -0.25 0.00	32.98 -0.20 0.00	32.18 -0.03 0.00	33.00 0.29 0.00	35.03 0.69 0.00	37.53 0.74 0.00	39.59 0.59 0.00	38.84 0.27 0.00	37.45 0.04 0.00	38.82 0.04 0.00	40.66 -0.12 -0.19	43.36 -0.17 -0.49	44.81 -0.09 -0.54	48.20 0.05 -0.65	50.99 -0.10 -0.11	55.91 0.06 0.00	66.70 0.20 -0.01	68.03 0.27 0.00	68.49 0.34 0.00	62.04 -0.06 0.00	54.63 -0.11 0.00	45.65 -0.09 0.00	41.36 -0.04 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	40.41 1.78 0.00	37.01 1.70 0.00	34.74 1.56 0.00	33.66 1.45 0.00	34.18 1.47 0.00	35.89 1.55 0.00	38.27 1.47 0.00	40.41 1.40 0.00	39.77 1.20 0.00	38.38 0.97 0.00	39.67 0.89 0.00	41.60 1.01 0.00	44.07 1.03 0.00	45.51 1.15 0.00	48.88 1.38 0.00	52.51 1.53 0.00	57.53 1.68 0.00	68.69 2.19 0.00	70.33 2.57 0.00	70.88 2.73 0.00	64.71 2.61 0.00	57.26 2.52 0.00	47.75 2.01 0.00	43.39 1.99 0.00
LUTHERNY_35_KV_BK2 355980	40.44 1.82 0.00	37.05 1.73 0.00	34.77 1.59 0.00	33.69 1.48 0.00	34.21 1.50 0.00	35.93 1.58 0.00	38.31 1.51 0.00	40.45 1.44 0.00	39.81 1.23 0.00	38.38 0.97 0.00	39.67 0.89 0.00	41.60 1.01 0.00	44.11 1.08 0.00	45.51 1.15 0.00	48.88 1.38 0.00	52.56 1.58 0.00	57.58 1.73 0.00	68.75 2.26 0.00	70.40 2.64 0.00	70.95 2.79 0.00	64.77 2.67 0.00	57.32 2.57 0.00	47.80 2.06 0.00	43.43 2.03 0.00
LWR___OSWEGATCHIE_HYD 23850	37.70 -0.93 0.00	34.50 -0.81 0.00	32.48 -0.70 0.00	31.63 -0.58 0.00	32.28 -0.43 0.00	34.17 -0.17 0.00	36.65 -0.15 0.00	38.74 -0.27 0.00	38.03 -0.54 0.00	36.66 -0.75 0.00	37.96 -0.81 0.00	39.85 -0.89 -0.15	42.35 -1.08 -0.39	43.72 -1.06 -0.42	46.93 -1.09 -0.51	49.85 -1.22 -0.09	54.46 -1.40 0.00	64.91 -1.60 -0.01	66.27 -1.49 0.00	66.86 -1.29 0.00	60.67 -1.43 0.00	53.48 -1.26 0.00	44.91 -0.82 0.00	40.61 -0.79 0.00
LYONS_FALL_HYD 23570	38.55 -0.08 0.00	35.39 0.07 0.00	33.25 0.07 0.00	32.40 0.19 0.00	33.13 0.42 0.00	35.07 0.72 0.00	37.57 0.77 0.00	39.67 0.66 0.00	38.96 0.39 0.00	37.64 0.23 0.00	39.01 0.23 0.00	40.87 0.12 -0.16	43.52 0.09 -0.40	45.02 0.22 -0.44	48.37 0.33 -0.53	51.33 0.26 -0.09	56.25 0.39 0.00	67.10 0.60 -0.01	68.50 0.75 0.00	68.97 0.82 0.00	62.54 0.44 0.00	55.07 0.33 0.00	45.97 0.23 0.00	41.69 0.29 0.00
MADISON___COUNTY_LFGE 323628	39.21 0.58 0.00	35.88 0.57 0.00	33.68 0.50 0.00	32.72 0.52 0.00	33.30 0.59 0.00	35.03 0.69 0.00	37.50 0.70 0.00	39.67 0.66 0.00	39.07 0.50 0.00	37.82 0.41 0.00	39.24 0.47 0.00	41.14 0.41 -0.15	43.84 0.43 -0.37	45.29 0.53 -0.40	48.59 0.67 -0.42	51.31 0.61 0.29	56.08 0.78 0.55	66.73 1.00 0.76	68.30 1.22 0.68	68.74 1.29 0.71	62.60 1.18 0.68	55.23 0.99 0.50	46.22 0.73 0.25	41.93 0.70 0.17
MALONE___115KV_TB1 356076	38.17 -0.46 0.00	34.78 -0.53 0.00	32.85 -0.33 0.00	31.92 -0.29 0.00	32.44 -0.26 0.00	34.24 -0.10 0.00	36.80 0.00 0.00	39.05 0.04 0.00	38.46 -0.12 0.00	37.30 -0.11 0.00	38.62 -0.16 0.00	40.55 -0.04 0.00	42.95 -0.09 0.00	44.14 -0.22 0.00	47.27 -0.24 0.00	50.78 -0.20 0.00	55.57 -0.28 0.00	66.42 -0.07 0.00	67.62 -0.14 0.00	68.09 -0.07 0.00	61.97 -0.12 0.00	54.47 -0.27 0.00	45.60 -0.14 0.00	41.11 -0.29 0.00
MAPLEWOD_115KV_TB3 80458	39.63 1.00 0.00	36.30 0.99 0.00	34.08 0.90 0.00	33.05 0.84 0.00	33.52 0.82 0.00	35.20 0.86 0.00	37.53 0.74 0.00	39.71 0.70 0.00	39.23 0.66 0.00	37.90 0.49 0.00	39.28 0.50 0.00	41.20 0.61 0.00	43.68 0.65 0.00	45.07 0.71 0.00	48.31 0.81 0.00	51.80 0.82 0.00	56.75 0.89 0.00	67.62 1.13 0.00	68.98 1.22 0.00	69.38 1.23 0.00	63.22 1.12 0.00	55.89 1.15 0.00	46.74 1.01 0.00	42.52 1.12 0.00
MAPLE_RIDGE_WT_1 323574	38.09 -0.54 0.00	34.85 -0.46 0.00	32.82 -0.36 0.00	31.92 -0.29 0.00	32.48 -0.23 0.00	34.17 -0.17 0.00	36.62 -0.18 0.00	38.81 -0.19 0.00	38.42 -0.15 0.00	37.26 -0.15 0.00	38.62 -0.15 0.00	40.43 -0.16 0.00	42.82 -0.21 0.00	44.14 -0.22 0.00	47.22 -0.28 0.00	50.68 -0.30 0.00	55.46 -0.39 0.00	66.03 -0.46 0.00	67.29 -0.47 0.00	67.61 -0.55 0.00	61.42 -0.68 0.00	54.03 -0.71 0.00	45.10 -0.64 0.00	40.82 -0.58 0.00
MAPLE_RIDGE_WT_2 323611	38.09 -0.54 0.00	34.85 -0.46 0.00	32.82 -0.36 0.00	31.92 -0.29 0.00	32.48 -0.23 0.00	34.17 -0.17 0.00	36.62 -0.18 0.00	38.81 -0.19 0.00	38.42 -0.15 0.00	37.26 -0.15 0.00	38.62 -0.15 0.00	40.43 -0.16 0.00	42.82 -0.21 0.00	44.14 -0.22 0.00	47.22 -0.28 0.00	50.68 -0.30 0.00	55.46 -0.39 0.00	66.03 -0.46 0.00	67.29 -0.47 0.00	67.61 -0.55 0.00	61.42 -0.68 0.00	54.03 -0.71 0.00	45.10 -0.64 0.00	40.82 -0.58 0.00
MARBLE_RIVER_WT_PWR 323696	38.17 -0.46 0.00	34.75 -0.57 0.00	32.85 -0.33 0.00	31.92 -0.29 0.00	32.44 -0.26 0.00	34.17 -0.17 0.00	36.73 -0.07 0.00	38.93 -0.08 0.00	38.42 -0.15 0.00	37.30 -0.11 0.00	38.62 -0.15 0.00	40.51 -0.08 0.00	42.95 -0.09 0.00	44.18 -0.18 0.00	47.27 -0.24 0.00	50.73 -0.25 0.00	55.52 -0.33 0.00	66.23 -0.26 0.00	67.49 -0.27 0.00	67.88 -0.27 0.00	61.79 -0.31 0.00	54.36 -0.38 0.00	45.46 -0.27 0.00	41.07 -0.33 0.00
MARSHVLE_115KV_TB1 80742	40.64 2.01 0.00	37.22 1.91 0.00	34.94 1.76 0.00	33.82 1.61 0.00	34.37 1.67 0.00	36.17 1.82 0.00	38.45 1.66 0.00	40.41 1.40 0.00	39.38 0.81 0.00	37.93 0.52 0.00	39.32 0.54 0.00	41.28 0.69 0.00	43.98 0.95 0.00	45.47 1.11 0.00	48.69 1.19 0.00	52.46 1.48 0.00	57.80 1.95 0.00	69.22 2.73 0.00	70.94 3.18 0.01	71.68 3.54 0.01	65.45 3.35 0.00	57.80 3.07 0.01	48.25 2.52 0.00	43.71 2.32 0.00
MARSH_HILL_WT_PWR 323713	37.62 -1.00 0.00	34.26 -1.06 0.00	32.12 -1.06 0.00	31.21 -1.00 0.00	31.59 -1.11 0.00	33.21 -1.13 0.00	35.36 -1.44 0.00	37.21 -1.83 -0.04	36.61 -1.97 0.00	35.77 -1.65 0.00	36.88 -1.90 0.00	38.66 -2.03 -0.10	41.17 -2.37 -0.50	42.13 -2.48 -0.25	47.02 -2.18 -1.70	53.11 -2.45 -4.58	59.29 -2.74 -6.17	78.32 -2.99 -14.82	67.09 -3.53 -2.86	62.43 -3.41 2.32	57.67 -2.42 2.01	50.50 -2.63 1.62	42.70 -2.29 0.75	38.35 -2.48 0.56
MCINTYRE_115KV_TB2 80467	38.51 -0.12 0.00	35.14 -0.18 0.00	33.08 -0.10 0.00	32.18 -0.03 0.00	32.71 0.00 0.00	34.55 0.21 0.00	37.06 0.26 0.00	39.13 0.12 0.00	38.38 -0.19 0.00	37.00 -0.41 0.00	38.31 -0.47 0.00	40.14 -0.45 0.00	42.43 -0.60 0.00	43.65 -0.71 0.00	46.84 -0.67 0.00	50.27 -0.71 0.00	55.01 -0.84 0.00	65.76 -0.73 0.00	67.28 -0.47 0.00	67.88 -0.27 0.00	61.85 -0.25 0.00	54.52 -0.22 0.00	45.78 0.05 0.00	41.32 -0.08 0.00
MECO____69_KV_BK1 80468	40.99 2.36 0.00	37.50 2.19 0.00	35.24 2.06 0.00	34.08 1.87 0.00	34.67 1.96 0.00	36.44 2.10 0.00	38.71 1.91 0.00	40.65 1.64 0.00	39.57 1.00 0.00	37.97 0.56 0.00	39.24 0.47 0.00	41.28 0.69 0.00	43.94 0.90 0.00	45.47 1.11 0.00	48.84 1.33 0.00	52.71 1.73 0.00	58.03 2.18 0.00	69.62 3.13 0.00	71.48 3.73 0.01	72.30 4.16 0.01	66.07 3.97 0.00	58.40 3.67 0.01	48.66 2.93 0.00	44.09 2.69 0.00

MENANDS__115KV_TB5 355628	39.40 0.77 0.00	36.09 0.78 0.00	33.88 0.70 0.00	32.85 0.64 0.00	33.33 0.62 0.00	35.00 0.65 0.00	37.35 0.55 0.00	39.52 0.51 0.00	39.03 0.46 0.00	37.75 0.34 0.00	39.13 0.35 0.00	41.03 0.45 0.00	43.51 0.47 0.00	44.85 0.49 0.00	48.03 0.52 0.00	51.49 0.51 0.00	56.41 0.56 0.00	67.16 0.66 0.00	68.50 0.75 0.00	68.90 0.75 0.00	62.72 0.62 0.00	55.51 0.77 0.00	46.42 0.69 0.00	42.23 0.83 0.00
MG INDUSTRY__DRP 24185	39.48 0.85 0.00	36.16 0.85 0.00	33.98 0.80 0.00	32.95 0.74 0.00	33.43 0.72 0.00	35.07 0.72 0.00	37.42 0.63 0.00	39.52 0.51 0.00	39.00 0.42 0.00	37.67 0.26 0.00	39.01 0.23 0.00	40.91 0.32 0.00	43.42 0.39 0.00	44.76 0.40 0.00	47.98 0.48 0.00	51.49 0.51 0.00	56.47 0.61 0.00	67.36 0.86 0.00	68.71 0.95 0.00	69.11 0.95 0.00	63.03 0.93 0.00	55.73 0.99 0.00	46.61 0.87 0.00	42.39 0.99 0.00
MID__OSWEGATCHIE_HYD 23849	37.70 -0.93 0.00	34.50 -0.81 0.00	32.48 -0.70 0.00	31.63 -0.58 0.00	32.28 -0.43 0.00	34.17 -0.17 0.00	36.65 -0.15 0.00	38.74 -0.27 0.00	38.03 -0.54 0.00	36.66 -0.75 0.00	37.96 -0.81 0.00	39.85 -0.89 -0.15	42.35 -1.08 -0.39	43.72 -1.06 -0.42	46.93 -1.09 -0.51	49.85 -1.22 -0.09	54.46 -1.40 0.00	64.91 -1.60 -0.01	66.27 -1.49 0.00	66.86 -1.29 0.00	60.67 -1.43 0.00	53.48 -1.26 0.00	44.91 -0.82 0.00	40.61 -0.79 0.00
MID__RAQUETTE_HYD 23851	37.55 -1.08 0.00	34.26 -1.06 0.00	32.29 -0.90 0.00	31.40 -0.81 0.00	31.95 -0.75 0.00	33.73 -0.62 0.00	36.21 -0.59 0.00	38.35 -0.66 0.00	37.72 -0.85 0.00	36.36 -1.05 0.00	37.65 -1.12 0.00	39.56 -1.10 -0.07	41.89 -1.33 -0.18	43.09 -1.46 -0.20	46.18 -1.57 -0.24	49.34 -1.68 -0.04	53.90 -1.95 0.00	64.30 -2.19 0.00	65.66 -2.10 0.00	66.11 -2.04 0.00	60.11 -1.99 0.00	52.99 -1.75 0.00	44.55 -1.19 0.00	40.20 -1.20 0.00
MILLIKEN__1 23584	38.94 0.31 0.00	35.60 0.28 0.00	33.41 0.23 0.00	32.40 0.19 0.00	32.97 0.26 0.00	34.65 0.31 0.00	37.09 0.29 0.00	39.25 0.23 0.00	38.65 0.08 0.00	37.52 0.11 0.00	38.82 0.04 0.00	40.84 -0.04 -0.30	43.81 0.00 -0.78	45.22 0.04 -0.82	48.70 0.14 -1.05	51.44 0.20 -0.26	56.16 0.22 -0.08	67.45 0.33 -0.63	67.95 0.47 0.28	68.12 0.68 0.72	62.26 0.81 0.64	54.85 0.60 0.50	45.86 0.37 0.24	41.51 0.29 0.17
MILLIKEN__2 23585	38.94 0.31 0.00	35.60 0.28 0.00	33.41 0.23 0.00	32.40 0.19 0.00	32.97 0.26 0.00	34.65 0.31 0.00	37.09 0.29 0.00	39.25 0.23 0.00	38.65 0.08 0.00	37.52 0.11 0.00	38.82 0.04 0.00	40.84 -0.04 -0.30	43.81 0.00 -0.78	45.22 0.04 -0.82	48.70 0.14 -1.05	51.44 0.20 -0.26	56.16 0.22 -0.08	67.45 0.33 -0.63	67.95 0.47 0.28	68.12 0.68 0.72	62.26 0.81 0.64	54.85 0.60 0.50	45.86 0.37 0.24	41.51 0.29 0.17
MILLIKEN__DIESEL 23629	38.94 0.31 0.00	35.60 0.28 0.00	33.41 0.23 0.00	32.40 0.19 0.00	32.97 0.26 0.00	34.65 0.31 0.00	37.09 0.29 0.00	39.25 0.23 0.00	38.65 0.08 0.00	37.52 0.11 0.00	38.82 0.04 0.00	40.84 -0.04 -0.30	43.81 0.00 -0.78	45.22 0.04 -0.82	48.70 0.14 -1.05	51.44 0.20 -0.26	56.16 0.22 -0.08	67.45 0.33 -0.63	67.95 0.47 0.28	68.12 0.68 0.72	62.26 0.81 0.64	54.85 0.60 0.50	45.86 0.37 0.24	41.51 0.29 0.17
MILLSEAT__LFGE 323607	35.89 -2.74 0.00	32.56 -2.75 0.00	30.56 -2.62 0.00	29.79 -2.42 0.00	30.16 -2.55 0.00	31.60 -2.75 0.00	33.45 -3.35 0.00	35.33 -3.67 0.01	35.02 -3.55 0.00	34.27 -3.14 0.00	35.29 -3.49 0.00	36.97 -3.61 0.00	38.91 -4.05 0.08	40.23 -4.08 0.05	42.70 -4.13 0.68	44.06 -4.13 2.80	47.22 -4.58 4.05	54.10 -5.65 6.74	58.12 -5.42 4.21	58.72 -5.93 3.50	54.62 -4.41 3.07	47.91 -4.38 2.45	41.21 -3.38 1.15	37.07 -3.48 0.85
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	40.56 1.93 0.00	37.12 1.80 0.00	34.81 1.63 0.00	33.82 1.61 0.00	34.21 1.50 0.00	35.79 1.44 0.00	38.38 1.58 0.00	40.96 1.95 0.00	40.89 2.31 0.00	39.69 2.28 0.00	41.38 2.60 0.00	43.55 2.96 0.00	46.35 3.31 0.00	47.77 3.42 0.00	51.26 3.75 0.00	54.91 3.93 0.00	60.54 4.69 0.00	72.34 5.85 0.00	72.97 5.22 0.01	73.05 4.91 0.01	66.20 4.10 0.00	58.35 3.61 0.01	48.62 2.88 0.00	44.09 2.69 0.00
MILLWOOD_13_KV_LOAD 356217	40.64 2.01 0.00	37.19 1.87 0.00	34.87 1.69 0.00	33.88 1.67 0.00	34.28 1.57 0.00	35.86 1.51 0.00	38.45 1.66 0.00	41.04 2.03 0.00	41.00 2.43 0.00	39.77 2.36 0.00	41.45 2.68 0.00	43.59 3.00 0.00	46.48 3.44 0.00	47.91 3.55 0.00	51.40 3.90 0.00	55.06 4.08 0.00	60.77 4.91 0.00	72.61 6.12 0.00	73.17 5.42 0.01	73.32 5.18 0.01	66.38 4.28 0.00	58.46 3.72 0.01	48.71 2.97 0.00	44.21 2.82 0.00
MODEL_CITY_ENERGY 24167	34.57 -4.06 0.00	31.36 -3.95 0.00	29.43 -3.75 0.00	28.70 -3.51 0.00	28.98 -3.73 0.00	30.33 -4.02 0.00	32.09 -4.71 0.00	33.85 -5.15 0.01	33.56 -5.01 0.00	32.84 -4.57 0.00	33.89 -4.89 0.00	35.47 -5.12 0.00	37.31 -5.64 0.09	38.54 -5.77 0.05	40.82 -5.94 0.75	41.81 -6.12 3.05	44.80 -6.65 4.41	50.67 -8.31 7.51	54.81 -8.47 4.48	55.65 -8.93 3.58	51.81 -7.27 3.02	45.45 -6.79 2.50	39.39 -5.22 1.13	35.39 -5.13 0.87
MODERN_LFGE__ 323580	34.57 -4.06 0.00	31.36 -3.95 0.00	29.43 -3.75 0.00	28.70 -3.51 0.00	28.98 -3.73 0.00	30.33 -4.02 0.00	32.09 -4.71 0.00	33.85 -5.15 0.01	33.56 -5.01 0.00	32.84 -4.57 0.00	33.89 -4.89 0.00	35.47 -5.12 0.00	37.31 -5.64 0.09	38.54 -5.77 0.05	40.82 -5.94 0.75	41.81 -6.12 3.05	44.80 -6.65 4.41	50.67 -8.31 7.51	54.81 -8.47 4.48	55.65 -8.93 3.58	51.81 -7.27 3.02	45.45 -6.79 2.50	39.39 -5.22 1.13	35.39 -5.13 0.87
MOHAWK_PAPER__DRP 24187	39.63 1.00 0.00	36.30 0.99 0.00	34.08 0.90 0.00	33.05 0.84 0.00	33.52 0.82 0.00	35.20 0.86 0.00	37.53 0.74 0.00	39.71 0.70 0.00	39.23 0.66 0.00	37.90 0.49 0.00	39.28 0.50 0.00	41.20 0.61 0.00	43.68 0.65 0.00	45.07 0.71 0.00	48.31 0.81 0.00	51.80 0.82 0.00	56.75 0.89 0.00	67.62 1.13 0.00	68.98 1.22 0.00	69.38 1.23 0.00	63.22 1.12 0.00	55.89 1.15 0.00	46.74 1.01 0.00	42.52 1.12 0.00
MOHICAN__35_KV_115KV_LD 80490	41.22 2.59 0.00	37.75 2.44 0.00	35.44 2.26 0.00	34.27 2.06 0.00	34.86 2.16 0.00	36.65 2.30 0.00	39.01 2.21 0.00	41.19 2.18 0.00	40.38 1.81 0.00	38.83 1.42 0.00	39.94 1.16 0.00	41.93 1.34 0.00	44.33 1.29 0.00	45.78 1.42 0.00	49.26 1.76 0.00	53.02 2.04 0.00	58.09 2.23 0.00	69.42 2.93 0.00	71.62 3.86 0.00	72.24 4.09 0.00	66.32 4.22 0.00	58.74 4.00 0.00	48.85 3.11 0.00	44.38 2.98 0.00
MONGAUP__HYD 23641	40.45 1.82 0.00	36.97 1.66 0.00	34.64 1.46 0.00	33.59 1.38 0.00	34.05 1.34 0.00	35.65 1.30 0.00	38.20 1.40 0.00	40.68 1.68 0.00	40.31 1.74 0.00	38.98 1.57 0.00	40.52 1.75 0.00	42.66 2.07 0.00	45.40 2.37 0.00	46.80 2.44 0.00	50.36 2.85 0.00	53.99 3.01 0.00	59.43 3.58 0.00	71.14 4.65 0.00	71.95 4.20 0.01	72.23 4.09 0.01	66.08 3.98 0.00	58.02 3.28 0.01	48.34 2.61 0.00	43.80 2.40 0.00

MONTAUK___DIESEL 23721	41.72 3.09 0.00	38.92 3.60 0.00	36.80 3.62 0.00	35.88 3.67 0.00	36.27 3.56 0.00	38.02 3.67 0.00	40.48 3.68 0.00	43.07 4.06 0.00	43.74 5.17 0.00	42.35 4.94 0.00	45.07 5.31 -0.98	46.61 5.64 -0.38	49.08 6.03 -0.02	52.73 5.94 -2.43	56.02 6.27 -2.24	61.63 6.42 -4.23	65.00 7.76 -1.38	77.08 9.57 -1.01	77.23 8.74 -0.73	79.94 7.57 -4.22	68.05 5.84 -0.11	59.83 4.98 -0.11	50.17 4.44 0.00	45.49 4.10 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	36.12 -2.51 0.00	32.52 -2.79 0.00	30.53 -2.65 0.00	29.44 -2.77 0.00	29.83 -2.88 0.00	31.25 -3.09 0.00	33.16 -3.64 0.00	34.83 -4.17 0.01	34.64 -3.93 0.00	33.93 -3.48 0.00	35.44 -3.33 0.00	36.81 -3.77 0.00	38.99 -3.96 0.09	40.06 -4.26 0.04	43.04 -3.75 0.71	43.20 -4.89 2.89	46.60 -5.08 4.17	54.97 -4.45 7.07	57.74 -5.83 4.19	59.20 -5.66 3.29	54.58 -4.78 2.74	47.46 -4.98 2.30	40.55 -4.16 1.02	36.29 -4.31 0.80
MORRIS_RIDGE___SOLAR 323848	36.85 -1.78 0.00	33.51 -1.80 0.00	31.45 -1.73 0.00	30.57 -1.64 0.00	30.94 -1.77 0.00	32.46 -1.89 0.00	34.44 -2.36 0.00	36.18 -2.77 0.06	35.72 -2.85 0.00	34.94 -2.47 0.00	36.03 -2.75 0.00	37.74 -2.92 -0.07	39.56 -3.27 0.21	41.20 -3.33 -0.17	42.04 -3.14 2.33	38.19 -3.42 9.37	38.90 -3.74 13.21	35.16 -4.19 27.14	53.44 -4.67 9.65	60.95 -4.57 2.63	56.44 -3.42 2.24	49.51 -3.39 1.84	42.06 -2.84 0.84	37.86 -2.90 0.64
MORTIMER_115KV_TB3 55949	36.81 -1.82 0.00	33.51 -1.80 0.00	31.46 -1.73 0.00	30.47 -1.74 0.00	31.07 -1.64 0.00	32.59 -1.75 0.00	34.66 -2.13 0.00	36.75 -2.26 0.00	36.41 -2.16 0.00	35.54 -1.87 0.00	36.84 -1.94 0.00	38.40 -2.19 0.00	40.38 -2.63 0.03	42.18 -2.13 0.05	44.46 -2.66 0.38	46.88 -2.35 1.76	50.24 -3.02 2.60	58.74 -4.12 3.63	61.37 -3.18 3.21	61.35 -3.48 3.33	56.53 -2.36 3.21	50.06 -2.35 2.33	42.62 -1.92 1.20	38.52 -2.07 0.81
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	40.79 2.16 0.00	37.36 2.05 0.00	35.04 1.86 0.00	34.04 1.84 0.00	34.44 1.73 0.00	35.99 1.65 0.00	38.60 1.80 0.00	41.23 2.22 0.00	41.27 2.70 0.00	40.07 2.66 0.00	41.80 3.02 0.00	43.98 3.41 0.01	44.99 3.83 1.88	43.16 3.90 5.10	48.10 4.28 3.68	53.42 4.49 2.05	59.23 5.31 1.93	73.01 6.52 0.00	73.65 5.89 0.01	73.66 5.52 0.01	66.76 4.66 0.00	58.84 4.11 0.01	49.03 3.29 0.00	44.50 3.10 0.00
MUNSVILLE_WIND_PWR 323609	40.56 1.93 0.00	37.04 1.73 0.00	34.74 1.56 0.00	33.79 1.58 0.00	34.31 1.60 0.00	36.16 1.82 0.00	38.67 1.88 0.00	40.73 1.71 0.00	39.92 1.35 0.00	38.57 1.16 0.00	39.90 1.13 0.00	41.92 1.13 -0.19	44.80 1.25 -0.51	46.31 1.42 -0.53	49.98 1.80 -0.67	52.74 1.68 -0.08	57.89 2.12 0.08	69.77 2.99 -0.28	70.88 3.52 0.40	71.02 3.61 0.75	64.79 3.35 0.66	57.01 2.79 0.52	47.50 2.01 0.25	43.00 1.78 0.18
N SALMON___HYD 24042	38.17 -0.46 0.00	34.79 -0.53 0.00	32.85 -0.33 0.00	31.92 -0.29 0.00	32.44 -0.26 0.00	34.24 -0.10 0.00	36.84 0.04 0.00	39.05 0.04 0.00	38.46 -0.12 0.00	37.30 -0.11 0.00	38.62 -0.15 0.00	40.55 -0.04 0.00	42.95 -0.09 0.00	44.14 -0.22 0.00	47.27 -0.24 0.00	50.73 -0.25 0.00	55.63 -0.22 0.00	66.42 -0.07 0.00	67.62 -0.14 0.00	68.09 -0.07 0.00	61.98 -0.12 0.00	54.47 -0.27 0.00	45.60 -0.14 0.00	41.11 -0.29 0.00
N.AKRON__115KV_KNAPP 355671	35.81 -2.82 0.00	32.45 -2.86 0.00	30.53 -2.65 0.00	29.50 -2.71 0.00	30.09 -2.62 0.00	31.53 -2.82 0.00	33.38 -3.42 0.00	35.26 -3.74 0.01	34.95 -3.63 0.00	34.19 -3.22 0.00	35.48 -3.30 0.00	36.85 -3.73 0.00	38.70 -4.26 0.08	40.49 -3.81 0.05	42.54 -4.28 0.69	43.86 -4.28 2.84	47.11 -4.64 4.10	53.78 -5.85 6.86	57.68 -5.83 4.25	58.51 -6.13 3.51	54.44 -4.60 3.06	47.86 -4.43 2.45	41.12 -3.48 1.14	36.94 -3.60 0.85
N.BELMOR_69_KV_BK1 55787	41.57 2.94 0.00	38.14 2.83 0.00	35.67 2.49 0.00	34.59 2.38 0.00	35.00 2.29 0.00	36.61 2.27 0.00	39.08 2.28 0.00	41.74 2.73 0.00	42.04 3.47 0.00	40.78 3.37 0.00	43.48 3.72 -0.98	45.07 4.10 -0.38	47.57 4.52 -0.02	53.99 4.61 -5.02	65.11 5.13 -12.47	79.80 5.35 -23.46	69.87 6.31 -7.70	79.97 7.85 -5.63	79.12 7.25 -4.11	98.49 6.88 -23.45	68.58 5.84 -0.64	60.54 5.15 -0.65	49.99 4.25 0.00	45.33 3.93 0.00
N.E._GEN_SANDY PD 24062	39.90 1.27 0.00	36.55 1.24 0.00	34.31 1.13 0.00	33.27 1.06 0.00	33.75 1.05 0.00	35.37 1.03 0.00	37.75 0.96 0.00	39.94 0.93 0.00	39.57 1.00 0.00	38.31 0.90 0.00	39.67 0.89 0.00	41.68 1.10 0.00	44.15 1.12 0.00	45.56 1.20 0.00	48.74 1.23 0.00	52.20 1.22 0.00	57.25 1.40 0.00	68.29 1.80 0.00	69.59 1.83 0.00	69.99 1.84 0.00	63.65 1.55 0.00	56.27 1.53 0.00	47.35 1.28 -0.33	42.47 1.41 0.33
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	40.48 1.85 0.00	37.08 1.77 0.00	34.74 1.56 0.00	33.76 1.55 0.00	34.15 1.44 0.00	35.72 1.37 0.00	38.31 1.51 0.00	40.92 1.91 0.00	40.81 2.24 0.00	39.58 2.17 0.00	41.26 2.48 0.00	43.43 2.84 0.00	46.26 3.23 0.00	47.64 3.28 0.00	51.21 3.71 0.00	54.86 3.87 0.00	60.49 4.64 0.00	72.21 5.72 0.00	72.90 5.15 0.01	72.98 4.84 0.01	66.26 4.16 0.00	58.29 3.56 0.01	48.62 2.88 0.00	44.05 2.65 0.00
N.QUEENS_27_KV_LOAD 356247	40.99 2.36 0.00	37.47 2.15 0.00	35.41 2.22 -0.01	34.37 2.16 0.00	34.73 2.03 0.00	36.03 1.68 0.00	38.45 1.66 0.00	41.15 2.15 0.00	41.23 2.66 0.00	40.07 2.66 0.00	42.00 3.22 -0.01	44.23 3.61 -0.03	50.98 4.00 -3.94	59.15 4.08 -10.72	59.71 4.47 -7.74	59.98 4.69 -4.31	65.32 5.42 -4.05	72.87 6.38 0.00	73.38 5.62 0.01	73.32 5.18 0.02	66.38 4.28 0.01	58.84 4.11 0.01	49.21 3.48 0.00	44.92 3.52 0.00
N.TROY___115KV_TB1 355778	39.87 1.24 0.00	36.48 1.17 0.00	34.28 1.09 0.00	33.24 1.03 0.00	33.72 1.01 0.00	35.41 1.06 0.00	37.76 0.96 0.00	39.87 0.86 0.00	39.34 0.77 0.00	38.01 0.60 0.00	39.32 0.54 0.00	41.28 0.69 0.00	43.73 0.69 0.00	45.07 0.71 0.00	48.31 0.81 0.00	51.85 0.87 0.00	56.80 0.95 0.00	67.69 1.20 0.00	69.18 1.42 0.00	69.65 1.50 0.00	63.47 1.37 0.00	56.17 1.42 0.00	46.93 1.19 0.00	42.68 1.28 0.00
NARROWS_GT1_1 24228	40.60 1.97 0.00	37.22 1.91 0.00	34.91 1.72 0.00	33.81 1.61 0.01	34.24 1.54 0.01	35.71 1.38 0.01	38.26 1.47 0.01	40.91 1.91 0.01	40.96 2.39 0.01	39.84 2.43 0.00	41.73 2.95 -0.01	44.11 3.49 -0.03	50.86 3.87 -3.94	59.15 4.08 -10.72	59.80 4.56 -7.74	60.14 4.85 -4.31	65.04 5.14 -4.06	72.74 6.25 0.00	73.17 5.42 0.01	73.18 5.04 0.02	66.32 4.22 0.01	59.01 4.27 0.01	49.07 3.34 0.00	44.58 3.19 0.00
NARROWS_GT1_2 24229	40.60 1.97 0.00	37.22 1.91 0.00	34.91 1.72 0.00	33.81 1.61 0.01	34.24 1.54 0.01	35.71 1.38 0.01	38.26 1.47 0.01	40.91 1.91 0.01	40.96 2.39 0.01	39.84 2.43 0.00	41.73 2.95 -0.01	44.11 3.49 -0.03	50.86 3.87 -3.94	59.15 4.08 -10.72	59.80 4.56 -7.74	60.14 4.85 -4.31	65.04 5.14 -4.06	72.74 6.25 0.00	73.17 5.42 0.01	73.18 5.04 0.02	66.32 4.22 0.01	59.01 4.27 0.01	49.07 3.34 0.00	44.58 3.19 0.00

NARROWS_GT1_3 24230	40.60 1.97 0.00	37.22 1.91 0.00	34.91 1.72 0.00	33.81 1.61 0.01	34.24 1.54 0.01	35.71 1.38 0.01	38.26 1.47 0.01	40.91 1.91 0.01	40.96 2.39 0.01	39.84 2.43 0.00	41.73 2.95 -0.01	44.11 3.49 -0.03	50.86 3.87 -3.94	59.15 4.08 -10.72	59.80 4.56 -7.74	60.14 4.85 -4.31	65.04 5.14 -4.06	72.74 6.25 0.00	73.17 5.42 0.01	73.18 5.04 0.02	66.32 4.22 0.01	59.01 4.27 0.01	49.07 3.34 0.00	44.58 3.19 0.00
NARROWS_GT1_4 24231	40.60 1.97 0.00	37.22 1.91 0.00	34.91 1.72 0.00	33.81 1.61 0.01	34.24 1.54 0.01	35.71 1.38 0.01	38.26 1.47 0.01	40.91 1.91 0.01	40.96 2.39 0.01	39.84 2.43 0.00	41.73 2.95 -0.01	44.11 3.49 -0.03	50.86 3.87 -3.94	59.15 4.08 -10.72	59.80 4.56 -7.74	60.14 4.85 -4.31	65.04 5.14 -4.06	72.74 6.25 0.00	73.17 5.42 0.01	73.18 5.04 0.02	66.32 4.22 0.01	59.01 4.27 0.01	49.07 3.34 0.00	44.58 3.19 0.00
NARROWS_GT1_5 24232	40.60 1.97 0.00	37.22 1.91 0.00	34.91 1.72 0.00	33.81 1.61 0.01	34.24 1.54 0.01	35.71 1.38 0.01	38.26 1.47 0.01	40.91 1.91 0.01	40.96 2.39 0.01	39.84 2.43 0.00	41.73 2.95 -0.01	44.11 3.49 -0.03	50.86 3.87 -3.94	59.15 4.08 -10.72	59.80 4.56 -7.74	60.14 4.85 -4.31	65.04 5.14 -4.06	72.74 6.25 0.00	73.17 5.42 0.01	73.18 5.04 0.02	66.32 4.22 0.01	59.01 4.27 0.01	49.07 3.34 0.00	44.58 3.19 0.00
NARROWS_GT1_6 24233	40.60 1.97 0.00	37.22 1.91 0.00	34.91 1.72 0.00	33.81 1.61 0.01	34.24 1.54 0.01	35.71 1.38 0.01	38.26 1.47 0.01	40.91 1.91 0.01	40.96 2.39 0.01	39.84 2.43 0.00	41.73 2.95 -0.01	44.11 3.49 -0.03	50.86 3.87 -3.94	59.15 4.08 -10.72	59.80 4.56 -7.74	60.14 4.85 -4.31	65.04 5.14 -4.06	72.74 6.25 0.00	73.17 5.42 0.01	73.18 5.04 0.02	66.32 4.22 0.01	59.01 4.27 0.01	49.07 3.34 0.00	44.58 3.19 0.00
NARROWS_GT1_7 24234	40.60 1.97 0.00	37.22 1.91 0.00	34.91 1.72 0.00	33.81 1.61 0.01	34.24 1.54 0.01	35.71 1.38 0.01	38.26 1.47 0.01	40.91 1.91 0.01	40.96 2.39 0.01	39.84 2.43 0.00	41.73 2.95 -0.01	44.11 3.49 -0.03	50.86 3.87 -3.94	59.15 4.08 -10.72	59.80 4.56 -7.74	60.14 4.85 -4.31	65.04 5.14 -4.06	72.74 6.25 0.00	73.17 5.42 0.01	73.18 5.04 0.02	66.32 4.22 0.01	59.01 4.27 0.01	49.07 3.34 0.00	44.58 3.19 0.00
NARROWS_GT1_8 24235	40.60 1.97 0.00	37.22 1.91 0.00	34.91 1.72 0.00	33.81 1.61 0.01	34.24 1.54 0.01	35.71 1.38 0.01	38.26 1.47 0.01	40.91 1.91 0.01	40.96 2.39 0.01	39.84 2.43 0.00	41.73 2.95 -0.01	44.11 3.49 -0.03	50.86 3.87 -3.94	59.15 4.08 -10.72	59.80 4.56 -7.74	60.14 4.85 -4.31	65.04 5.14 -4.06	72.74 6.25 0.00	73.17 5.42 0.01	73.18 5.04 0.02	66.32 4.22 0.01	59.01 4.27 0.01	49.07 3.34 0.00	44.58 3.19 0.00
NARROWS_GT2_1 24236	40.60 1.97 0.00	37.22 1.91 0.00	34.91 1.72 0.00	33.81 1.61 0.01	34.24 1.54 0.01	35.71 1.38 0.01	38.26 1.47 0.01	40.91 1.91 0.01	40.96 2.39 0.01	39.84 2.43 0.00	41.73 2.95 -0.01	44.11 3.49 -0.03	50.86 3.87 -3.94	59.15 4.08 -10.72	59.80 4.56 -7.74	60.14 4.85 -4.31	65.04 5.14 -4.06	72.74 6.25 0.00	73.17 5.42 0.01	73.18 5.04 0.02	66.32 4.22 0.01	59.01 4.27 0.01	49.07 3.34 0.00	44.58 3.19 0.00
NARROWS_GT2_2 24237	40.60 1.97 0.00	37.22 1.91 0.00	34.91 1.72 0.00	33.81 1.61 0.01	34.24 1.54 0.01	35.71 1.38 0.01	38.26 1.47 0.01	40.91 1.91 0.01	40.96 2.39 0.01	39.84 2.43 0.00	41.73 2.95 -0.01	44.11 3.49 -0.03	50.86 3.87 -3.94	59.15 4.08 -10.72	59.80 4.56 -7.74	60.14 4.85 -4.31	65.04 5.14 -4.06	72.74 6.25 0.00	73.17 5.42 0.01	73.18 5.04 0.02	66.32 4.22 0.01	59.01 4.27 0.01	49.07 3.34 0.00	44.58 3.19 0.00
NARROWS_GT2_3 24238	40.60 1.97 0.00	37.22 1.91 0.00	34.91 1.72 0.00	33.81 1.61 0.01	34.24 1.54 0.01	35.71 1.38 0.01	38.26 1.47 0.01	40.91 1.91 0.01	40.96 2.39 0.01	39.84 2.43 0.00	41.73 2.95 -0.01	44.11 3.49 -0.03	50.86 3.87 -3.94	59.15 4.08 -10.72	59.80 4.56 -7.74	60.14 4.85 -4.31	65.04 5.14 -4.06	72.74 6.25 0.00	73.17 5.42 0.01	73.18 5.04 0.02	66.32 4.22 0.01	59.01 4.27 0.01	49.07 3.34 0.00	44.58 3.19 0.00
NARROWS_GT2_4 24239	40.60 1.97 0.00	37.22 1.91 0.00	34.91 1.72 0.00	33.81 1.61 0.01	34.24 1.54 0.01	35.71 1.38 0.01	38.26 1.47 0.01	40.91 1.91 0.01	40.96 2.39 0.01	39.84 2.43 0.00	41.73 2.95 -0.01	44.11 3.49 -0.03	50.86 3.87 -3.94	59.15 4.08 -10.72	59.80 4.56 -7.74	60.14 4.85 -4.31	65.04 5.14 -4.06	72.74 6.25 0.00	73.17 5.42 0.01	73.18 5.04 0.02	66.32 4.22 0.01	59.01 4.27 0.01	49.07 3.34 0.00	44.58 3.19 0.00
NARROWS_GT2_5 24240	40.60 1.97 0.00	37.22 1.91 0.00	34.91 1.72 0.00	33.81 1.61 0.01	34.24 1.54 0.01	35.71 1.38 0.01	38.26 1.47 0.01	40.91 1.91 0.01	40.96 2.39 0.01	39.84 2.43 0.00	41.73 2.95 -0.01	44.11 3.49 -0.03	50.86 3.87 -3.94	59.15 4.08 -10.72	59.80 4.56 -7.74	60.14 4.85 -4.31	65.04 5.14 -4.06	72.74 6.25 0.00	73.17 5.42 0.01	73.18 5.04 0.02	66.32 4.22 0.01	59.01 4.27 0.01	49.07 3.34 0.00	44.58 3.19 0.00
NARROWS_GT2_6 24241	40.60 1.97 0.00	37.22 1.91 0.00	34.91 1.72 0.00	33.81 1.61 0.01	34.24 1.54 0.01	35.71 1.38 0.01	38.26 1.47 0.01	40.91 1.91 0.01	40.96 2.39 0.01	39.84 2.43 0.00	41.73 2.95 -0.01	44.11 3.49 -0.03	50.86 3.87 -3.94	59.15 4.08 -10.72	59.80 4.56 -7.74	60.14 4.85 -4.31	65.04 5.14 -4.06	72.74 6.25 0.00	73.17 5.42 0.01	73.18 5.04 0.02	66.32 4.22 0.01	59.01 4.27 0.01	49.07 3.34 0.00	44.58 3.19 0.00
NARROWS_GT2_7 24242	40.60 1.97 0.00	37.22 1.91 0.00	34.91 1.72 0.00	33.81 1.61 0.01	34.24 1.54 0.01	35.71 1.38 0.01	38.26 1.47 0.01	40.91 1.91 0.01	40.96 2.39 0.01	39.84 2.43 0.00	41.73 2.95 -0.01	44.11 3.49 -0.03	50.86 3.87 -3.94	59.15 4.08 -10.72	59.80 4.56 -7.74	60.14 4.85 -4.31	65.04 5.14 -4.06	72.74 6.25 0.00	73.17 5.42 0.01	73.18 5.04 0.02	66.32 4.22 0.01	59.01 4.27 0.01	49.07 3.34 0.00	44.58 3.19 0.00
NARROWS_GT2_8 24243	40.60 1.97 0.00	37.22 1.91 0.00	34.91 1.72 0.00	33.81 1.61 0.01	34.24 1.54 0.01	35.71 1.38 0.01	38.26 1.47 0.01	40.91 1.91 0.01	40.96 2.39 0.01	39.84 2.43 0.00	41.73 2.95 -0.01	44.11 3.49 -0.03	50.86 3.87 -3.94	59.15 4.08 -10.72	59.80 4.56 -7.74	60.14 4.85 -4.31	65.04 5.14 -4.06	72.74 6.25 0.00	73.17 5.42 0.01	73.18 5.04 0.02	66.32 4.22 0.01	59.01 4.27 0.01	49.07 3.34 0.00	44.58 3.19 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	40.17 1.55 0.00	36.76 1.45 0.00	34.48 1.29 0.00	33.43 1.22 0.00	33.88 1.18 0.00	35.58 1.24 0.00	37.94 1.14 0.00	40.10 1.09 0.00	39.34 0.77 0.00	37.90 0.49 0.00	39.20 0.43 0.00	41.16 0.57 0.00	43.77 0.73 0.00	45.11 0.75 0.00	48.50 1.00 0.00	52.05 1.07 0.00	57.08 1.23 0.00	68.29 1.80 0.00	69.59 1.83 0.00	70.06 1.91 0.00	64.27 2.17 0.00	56.71 1.97 0.00	47.38 1.65 0.00	43.10 1.70 0.00

NCHELSEA_115KV_TR2 355582	40.72 2.09 0.00	37.26 1.94 0.00	34.91 1.73 0.00	33.92 1.71 0.00	34.31 1.60 0.00	35.93 1.58 0.00	38.49 1.69 0.00	41.08 2.07 0.00	40.85 2.28 0.00	39.54 2.13 0.00	41.18 2.40 0.00	43.35 2.76 0.00	46.22 3.18 0.00	47.60 3.24 0.00	51.21 3.71 0.00	54.86 3.87 0.00	60.43 4.58 0.00	72.21 5.72 0.00	72.83 5.08 0.01	72.98 4.84 0.01	66.45 4.35 0.00	58.40 3.67 0.01	48.71 2.97 0.00	44.17 2.77 0.00
NEG CAPITAL___MECHNVIL 23645	40.45 1.82 0.00	37.04 1.73 0.00	34.77 1.59 0.00	33.66 1.45 0.00	34.21 1.51 0.00	35.93 1.58 0.00	38.27 1.47 0.00	40.45 1.44 0.00	39.80 1.23 0.00	38.42 1.01 0.00	39.71 0.93 0.00	41.64 1.05 0.00	44.15 1.12 0.00	45.60 1.24 0.00	48.93 1.42 0.00	52.56 1.58 0.00	57.59 1.73 0.00	68.75 2.26 0.00	70.40 2.64 0.00	70.95 2.80 0.00	64.77 2.67 0.00	57.32 2.57 0.00	47.75 2.01 0.00	43.39 1.99 0.00
NEG CENTRAL_HIGH_ACRES 23767	36.47 -2.16 0.00	33.27 -2.05 0.00	31.22 -1.96 0.00	30.37 -1.83 0.00	30.84 -1.86 0.00	32.39 -1.96 0.00	34.48 -2.32 0.00	36.67 -2.34 0.00	36.26 -2.31 0.00	35.43 -1.98 0.00	36.49 -2.29 0.00	38.15 -2.43 0.00	40.34 -2.67 0.02	41.65 -2.66 0.05	44.36 -2.80 0.34	46.81 -2.60 1.57	50.24 -3.30 2.31	58.86 -4.39 3.24	61.38 -3.53 2.85	61.25 -3.95 2.95	56.32 -2.92 2.87	49.83 -2.85 2.06	42.34 -2.33 1.07	38.32 -2.36 0.72
NEG CENTRAL___DRP 24199	38.13 -0.50 0.00	34.82 -0.49 0.00	32.68 -0.50 0.00	31.69 -0.52 0.00	32.25 -0.46 0.00	33.90 -0.45 0.00	36.25 -0.55 0.00	38.39 -0.62 0.00	37.84 -0.73 0.00	36.85 -0.56 0.00	38.16 -0.62 0.00	40.11 -0.77 -0.30	42.95 -0.86 -0.78	44.41 -0.75 -0.81	47.81 -0.71 -1.02	50.43 -0.66 -0.11	54.76 -0.95 0.14	65.43 -1.46 -0.40	65.92 -1.22 0.62	65.99 -1.02 1.14	60.45 -0.56 1.09	53.40 -0.55 0.80	44.78 -0.55 0.41	40.50 -0.62 0.28
NEG CENTRAL___INDECK 23768	38.09 -0.54 0.00	34.68 -0.63 0.00	32.55 -0.63 0.00	31.63 -0.58 0.00	32.15 -0.56 0.00	33.79 -0.55 0.00	35.88 -0.92 0.00	37.88 -1.17 -0.04	37.14 -1.43 0.00	36.21 -1.20 0.00	37.27 -1.51 0.00	38.92 -1.67 0.00	41.39 -1.89 -0.24	42.41 -1.91 0.04	47.09 -1.76 -1.34	54.06 -1.33 -4.40	60.17 -1.67 -5.99	79.18 -1.99 -14.68	68.88 -1.63 -2.55	64.12 -1.36 2.74	59.47 -0.12 2.50	52.23 -0.60 1.91	44.30 -0.50 0.94	39.86 -0.87 0.67
NEG CENTRAL___SENECA 23627	38.01 -0.62 0.00	34.68 -0.64 0.00	32.55 -0.63 0.00	31.53 -0.68 0.00	32.12 -0.59 0.00	33.76 -0.58 0.00	36.10 -0.70 0.00	38.20 -0.82 -0.01	37.65 -0.93 0.00	36.66 -0.75 0.00	37.96 -0.81 0.00	39.77 -0.97 -0.16	42.40 -1.08 -0.44	43.80 -0.98 -0.42	47.16 -0.90 -0.55	50.00 -0.87 0.11	54.24 -1.23 0.38	64.90 -1.99 -0.41	64.94 -1.63 1.19	64.76 -1.36 2.03	59.42 -0.75 1.93	52.61 -0.71 1.42	44.28 -0.73 0.72	40.08 -0.83 0.50
NEG CENTRAL___STATE_STREET 24147	38.40 -0.23 0.00	35.10 -0.21 0.00	32.95 -0.23 0.00	31.95 -0.26 0.00	32.51 -0.20 0.00	34.17 -0.17 0.00	36.58 -0.22 0.00	38.74 -0.27 0.00	38.19 -0.39 0.00	37.15 -0.26 0.00	38.47 -0.31 -0.39	40.57 -0.41 -1.01	43.61 -0.43 -1.09	45.05 -0.40 -1.32	48.45 -0.38 -1.32	50.90 -0.31 -0.23	55.46 -0.39 0.00	65.85 -0.66 -0.03	67.35 -0.41 0.00	67.88 -0.27 0.00	62.10 0.00 0.00	54.63 -0.11 0.00	45.51 -0.23 0.00	41.15 -0.25 0.00
NEG MILLWOOD___DRP 24198	40.79 2.16 0.00	37.36 2.05 0.00	35.04 1.86 0.00	34.01 1.80 0.00	34.44 1.73 0.00	36.03 1.68 0.00	38.64 1.84 0.00	41.19 2.18 0.00	41.08 2.51 0.00	39.80 2.39 0.00	41.49 2.71 0.00	43.59 3.00 0.00	46.52 3.49 0.00	47.99 3.64 0.00	51.54 4.04 0.00	55.26 4.28 0.00	61.04 5.19 0.00	73.01 6.52 0.00	73.44 5.69 0.01	73.66 5.52 0.01	66.69 4.60 0.00	58.62 3.89 0.01	48.85 3.11 0.00	44.34 2.94 0.00
NEG NORTH_FLCN_SEA 23793	38.32 -0.31 0.00	34.89 -0.42 0.00	32.95 -0.23 0.00	32.05 -0.16 0.00	32.58 -0.13 0.00	34.31 -0.03 0.00	36.84 0.04 0.00	39.09 0.08 0.00	38.61 0.04 0.00	37.49 0.07 0.00	38.82 0.04 0.00	40.71 0.12 0.00	43.21 0.17 0.00	44.40 0.04 0.00	47.55 0.05 0.00	51.03 0.05 0.00	55.85 0.00 0.00	66.62 0.13 0.00	67.89 0.14 0.00	68.36 0.20 0.00	62.16 0.06 0.00	54.69 -0.05 0.00	45.74 0.00 0.00	41.27 -0.12 0.00
NEG NORTH_KES_CHATEGAY 23792	38.20 -0.42 0.00	34.78 -0.53 0.00	32.88 -0.30 0.00	31.98 -0.23 0.00	32.51 -0.20 0.00	34.21 -0.14 0.00	36.73 -0.07 0.00	38.97 -0.04 0.00	38.46 -0.12 0.00	37.30 -0.11 0.00	38.62 -0.16 0.00	40.51 -0.08 0.00	42.95 -0.09 0.00	44.14 -0.22 0.00	47.22 -0.29 0.00	50.68 -0.31 0.00	55.52 -0.34 0.00	66.29 -0.20 0.00	67.62 -0.14 0.00	68.09 -0.07 0.00	61.97 -0.12 0.00	54.47 -0.27 0.00	45.55 -0.18 0.00	41.15 -0.25 0.00
NEG NORTH___ALICE_FALLS 23915	38.36 -0.27 0.00	34.93 -0.39 0.00	32.98 -0.20 0.00	32.05 -0.16 0.00	32.61 -0.10 0.00	34.35 0.00 0.00	36.87 0.07 0.00	39.16 0.16 0.00	38.61 0.04 0.00	37.49 0.07 0.00	38.82 0.04 0.00	40.75 0.16 0.00	43.21 0.17 0.00	44.40 0.04 0.00	47.55 0.05 0.00	51.03 0.05 0.00	55.91 0.06 0.00	66.76 0.27 0.00	68.03 0.27 0.00	68.49 0.34 0.00	62.35 0.25 0.00	54.80 0.05 0.00	45.83 0.09 0.00	41.32 -0.08 0.00
NEG NORTH___LWR_SARANAC 23913	38.36 -0.27 0.00	34.93 -0.39 0.00	32.98 -0.20 0.00	32.05 -0.16 0.00	32.61 -0.10 0.00	34.35 0.00 0.00	36.87 0.07 0.00	39.16 0.16 0.00	38.61 0.04 0.00	37.49 0.07 0.00	38.82 0.04 0.00	40.75 0.16 0.00	43.21 0.17 0.00	44.40 0.04 0.00	47.55 0.05 0.00	51.03 0.05 0.00	55.91 0.06 0.00	66.76 0.27 0.00	68.03 0.27 0.00	68.49 0.34 0.00	62.35 0.25 0.00	54.80 0.05 0.00	45.83 0.09 0.00	41.32 -0.08 0.00
NEG NORTH___PLATTSBURG 23628	38.36 -0.27 0.00	34.93 -0.39 0.00	32.98 -0.20 0.00	32.05 -0.16 0.00	32.61 -0.10 0.00	34.35 0.00 0.00	36.95 0.15 0.00	39.17 0.16 0.00	38.61 0.04 0.00	37.49 0.07 0.00	38.82 0.04 0.00	40.75 0.16 0.00	43.21 0.17 0.00	44.40 0.04 0.00	47.55 0.05 0.00	51.03 0.05 0.00	55.91 0.06 0.00	66.76 0.27 0.00	68.03 0.27 0.00	68.50 0.34 0.00	62.35 0.25 0.00	54.80 0.05 0.00	45.83 0.09 0.00	41.32 -0.08 0.00
NEG WEST_LEA_LOCKPORT 23791	35.11 -3.52 0.00	31.82 -3.50 0.00	29.93 -3.25 0.00	28.92 -3.29 0.00	29.44 -3.27 0.00	30.84 -3.50 0.00	32.64 -4.16 0.00	34.40 -4.60 0.01	34.10 -4.47 0.00	33.41 -4.00 0.00	34.75 -4.03 0.00	36.04 -4.55 0.00	37.83 -5.12 0.09	39.56 -4.75 0.05	41.48 -5.27 0.75	42.50 -5.40 3.07	45.44 -5.98 4.43	51.54 -7.38 7.57	55.69 -7.59 4.48	56.77 -7.84 3.55	52.86 -6.21 3.03	46.46 -5.80 2.48	40.08 -4.53 1.13	35.98 -4.55 0.86
NEG WEST___LANCASTR 23811	35.31 -3.32 0.00	31.96 -3.35 0.00	30.03 -3.15 0.00	29.05 -3.16 0.00	29.50 -3.21 0.00	30.95 -3.40 0.00	32.90 -3.90 0.00	34.55 -4.45 0.01	34.21 -4.36 0.00	33.44 -3.97 0.00	34.86 -3.92 0.00	36.24 -4.34 0.00	38.82 -4.13 0.09	39.21 -5.10 0.04	43.35 -3.42 0.73	42.09 -5.91 2.97	45.87 -5.70 4.28	55.81 -3.39 7.29	55.63 -7.86 4.27	57.08 -7.77 3.30	52.27 -7.08 2.75	45.76 -6.68 2.30	39.13 -5.58 1.03	35.17 -5.42 0.80

NEG_PENN_ALLEGHNY 23528	38.82 0.19 0.00	35.46 0.14 0.00	33.28 0.10 0.00	32.31 0.10 0.00	32.80 0.10 0.00	34.45 0.10 0.00	36.87 0.07 0.00	39.05 0.04 0.00	38.61 0.04 0.00	37.52 0.11 0.00	38.86 0.08 0.00	40.90 0.12 -0.19	43.66 0.13 -0.49	45.01 0.13 -0.52	48.50 0.38 -0.62	51.23 0.31 0.06	55.97 0.39 0.28	67.01 0.60 0.08	67.59 0.41 0.58	67.71 0.41 0.86	61.84 0.49 0.75	54.42 0.28 0.60	45.60 0.14 0.28	41.27 0.08 0.21
NEG___GEN_MONROE 24207	36.89 -1.74 0.00	33.55 -1.77 0.00	31.52 -1.66 0.00	30.47 -1.74 0.00	31.10 -1.60 0.00	32.63 -1.72 0.00	34.63 -2.17 0.00	36.67 -2.34 0.00	36.22 -2.35 0.00	35.39 -2.02 0.00	36.72 -2.06 0.00	38.19 -2.39 0.00	40.16 -2.84 0.04	41.96 -2.35 0.05	44.21 -2.85 0.45	46.38 -2.60 2.00	49.68 -3.24 2.93	57.82 -4.32 4.35	60.94 -3.39 3.43	61.13 -3.68 3.35	56.47 -2.42 3.20	50.00 -2.41 2.34	42.57 -1.97 1.20	38.55 -2.03 0.82
NEPA___ENERGY 23901	35.73 -2.90 0.00	32.35 -2.97 0.00	30.36 -2.82 0.00	29.37 -2.83 0.00	29.83 -2.88 0.00	31.25 -3.09 0.00	33.23 -3.57 0.00	34.98 -4.02 0.01	34.64 -3.93 0.00	33.82 -3.59 0.00	35.29 -3.49 0.00	36.65 -3.94 0.00	38.81 -4.13 0.10	39.97 -4.35 0.04	42.87 -3.85 0.79	43.01 -4.79 3.18	46.31 -4.97 4.58	53.82 -4.72 7.95	57.13 -6.17 4.46	58.64 -6.20 3.31	54.19 -5.15 2.75	47.23 -5.20 2.31	40.46 -4.25 1.03	36.25 -4.35 0.80
NEVERSINK___HYD 23608	40.37 1.74 0.00	36.91 1.59 0.00	34.57 1.39 0.00	33.53 1.32 0.00	33.98 1.27 0.00	35.58 1.23 0.00	38.12 1.32 0.00	40.68 1.68 0.00	40.42 1.85 0.00	39.13 1.72 0.00	40.68 1.90 0.00	42.86 2.27 0.00	45.62 2.58 0.00	47.06 2.71 0.00	50.64 3.13 0.00	54.25 3.27 0.00	59.70 3.85 0.00	71.41 4.92 0.00	72.09 4.34 0.01	72.30 4.16 0.01	66.01 3.91 0.00	58.02 3.28 0.01	48.30 2.56 0.00	43.75 2.36 0.00
NEWKRMKL_115KV_TB1 55635	39.25 0.62 0.00	35.95 0.64 0.00	33.75 0.56 0.00	32.72 0.52 0.00	33.20 0.49 0.00	34.86 0.52 0.00	37.20 0.40 0.00	39.36 0.35 0.00	38.92 0.35 0.00	37.60 0.19 0.00	38.97 0.19 0.00	40.91 0.32 0.00	43.38 0.34 0.00	44.71 0.35 0.00	47.89 0.38 0.00	51.34 0.36 0.00	56.30 0.45 0.00	67.02 0.53 0.00	68.30 0.54 0.00	68.70 0.55 0.00	62.53 0.43 0.00	55.29 0.55 0.00	46.29 0.55 0.00	42.10 0.70 0.00
NEWTON___FALLS_HYD 23847	37.70 -0.93 0.00	34.50 -0.81 0.00	32.48 -0.70 0.00	31.63 -0.58 0.00	32.28 -0.43 0.00	34.17 -0.17 0.00	36.65 -0.15 0.00	38.74 -0.27 0.00	38.03 -0.54 0.00	36.66 -0.75 0.00	37.96 -0.81 0.00	39.85 -0.89 -0.15	42.35 -1.08 -0.39	43.72 -1.06 -0.42	46.93 -1.09 -0.51	49.85 -1.22 -0.09	54.46 -1.40 0.00	64.91 -1.60 -0.01	66.27 -1.49 0.00	66.86 -1.29 0.00	60.67 -1.43 0.00	53.48 -1.26 0.00	44.91 -0.82 0.00	40.61 -0.79 0.00
NGRID_A1_DSASP 323792	34.92 -3.71 0.00	31.75 -3.57 0.00	29.86 -3.32 0.00	28.89 -3.32 0.00	29.40 -3.30 0.00	30.67 -3.67 0.00	32.05 -4.75 0.00	33.69 -5.31 0.01	33.44 -5.13 0.00	32.73 -4.68 0.00	34.05 -4.73 0.00	35.31 -5.28 0.00	37.01 -5.94 0.09	38.76 -5.54 0.05	40.47 -6.27 0.76	42.21 -5.66 3.11	44.60 -6.76 4.49	49.82 -9.04 7.62	54.30 -8.88 4.58	55.21 -9.27 3.68	51.59 -7.45 3.06	45.30 -6.84 2.60	39.25 -5.35 1.14	35.46 -5.05 0.89
NGRID_A2_DSASP 323793	34.92 -3.71 0.00	31.75 -3.57 0.00	29.86 -3.32 0.00	28.89 -3.32 0.00	29.40 -3.30 0.00	30.67 -3.67 0.00	32.05 -4.75 0.00	33.69 -5.31 0.01	33.44 -5.13 0.00	32.73 -4.68 0.00	34.05 -4.73 0.00	35.31 -5.28 0.00	37.01 -5.94 0.09	38.76 -5.54 0.05	40.47 -6.27 0.76	42.21 -5.66 3.11	44.60 -6.76 4.49	49.82 -9.04 7.62	54.30 -8.88 4.58	55.21 -9.27 3.68	51.59 -7.45 3.06	45.30 -6.84 2.60	39.25 -5.35 1.14	35.46 -5.05 0.89
NGRID_A4_DSASP 323807	34.92 -3.71 0.00	31.75 -3.57 0.00	29.86 -3.32 0.00	28.89 -3.32 0.00	29.40 -3.30 0.00	30.67 -3.67 0.00	32.05 -4.75 0.00	33.69 -5.31 0.01	33.44 -5.13 0.00	32.73 -4.68 0.00	34.05 -4.73 0.00	35.31 -5.28 0.00	37.01 -5.94 0.09	38.76 -5.54 0.05	40.47 -6.27 0.76	42.21 -5.66 3.11	44.60 -6.76 4.49	49.82 -9.04 7.62	54.30 -8.88 4.58	55.21 -9.27 3.68	51.59 -7.45 3.06	45.30 -6.84 2.60	39.25 -5.35 1.14	35.46 -5.05 0.89
NIAGARA_115E_LBMP 323715	34.22 -4.40 0.00	31.04 -4.27 0.00	29.13 -4.05 0.00	28.44 -3.77 0.00	28.68 -4.02 0.00	30.02 -4.33 0.00	31.79 -5.00 0.00	33.50 -5.50 0.01	33.21 -5.36 0.00	32.55 -4.86 0.00	33.54 -5.24 0.00	35.11 -5.48 0.00	36.92 -6.03 0.09	38.14 -6.16 0.05	40.33 -6.41 0.76	41.26 -6.63 3.09	44.35 -7.04 4.46	49.96 -8.91 7.62	54.09 -9.15 4.52	54.95 -9.61 3.60	51.20 -7.89 3.02	44.90 -7.33 2.51	38.98 -5.63 1.13	35.02 -5.51 0.87
NIAGARA_115W_LBMP 323714	34.88 -3.75 0.00	31.78 -3.53 0.00	29.83 -3.35 0.00	29.12 -3.09 0.00	29.37 -3.34 0.00	30.64 -3.71 0.00	32.02 -4.78 0.00	33.66 -5.34 0.01	33.36 -5.21 0.00	32.66 -4.75 0.00	33.70 -5.08 0.00	35.27 -5.32 0.00	37.05 -5.89 0.09	38.32 -5.99 0.05	40.43 -6.32 0.76	41.45 -6.43 3.11	44.66 -6.70 4.49	50.42 -8.45 7.62	54.37 -8.81 4.58	55.06 -9.41 3.69	51.39 -7.64 3.07	45.08 -7.06 2.60	39.16 -5.44 1.14	35.41 -5.09 0.89
NIAGARA_230_LBMP 323716	34.92 -3.71 0.00	31.71 -3.60 0.00	29.76 -3.42 0.00	29.05 -3.16 0.00	29.30 -3.40 0.00	30.67 -3.67 0.00	32.46 -4.34 0.00	34.24 -4.76 0.01	33.94 -4.63 0.00	33.22 -4.19 0.00	34.24 -4.54 0.00	35.84 -4.75 0.00	37.65 -5.30 0.09	38.94 -5.37 0.05	41.20 -5.56 0.75	42.20 -5.71 3.07	44.71 -6.70 4.44	50.84 -8.05 7.60	55.38 -7.79 4.58	56.14 -8.25 3.76	52.37 -6.64 3.09	45.94 -6.19 2.62	39.78 -4.80 1.15	35.73 -4.76 0.91
NIAGARA___115KV_198_GIBSON 55903	34.84 -3.79 0.00	31.71 -3.60 0.00	29.83 -3.35 0.00	28.86 -3.35 0.00	29.37 -3.34 0.00	30.64 -3.71 0.00	32.01 -4.78 0.00	33.62 -5.38 0.01	33.36 -5.21 0.00	32.66 -4.75 0.00	33.97 -4.81 0.00	35.23 -5.36 0.00	36.88 -6.07 0.09	38.68 -5.63 0.05	40.33 -6.41 0.76	42.16 -5.71 3.11	44.61 -6.76 4.49	49.69 -9.18 7.62	54.17 -9.01 4.58	55.06 -9.41 3.69	51.40 -7.64 3.07	45.13 -7.01 2.60	39.16 -5.44 1.14	35.41 -5.09 0.89
NIAGARA____ 23760	34.92 -3.71 0.00	31.71 -3.60 0.00	29.76 -3.42 0.00	29.05 -3.16 0.00	29.30 -3.40 0.00	30.67 -3.67 0.00	32.46 -4.34 0.00	34.24 -4.76 0.01	33.94 -4.63 0.00	33.22 -4.19 0.00	34.24 -4.54 0.00	35.84 -4.75 0.00	37.65 -5.30 0.09	38.94 -5.37 0.05	41.19 -5.56 0.76	42.19 -5.71 3.08	44.70 -6.70 4.44	50.83 -8.05 7.61	55.41 -7.79 4.56	56.23 -8.25 3.67	52.40 -6.64 3.05	45.99 -6.19 2.57	39.80 -4.80 1.13	35.76 -4.76 0.88
NINE_MILE_1 23575	37.43 -1.20 0.00	34.26 -1.06 0.00	32.19 -0.99 0.00	31.24 -0.97 0.00	31.73 -0.98 0.00	33.32 -1.03 0.00	35.66 -1.14 0.00	37.76 -1.25 0.00	37.26 -1.31 0.00	36.21 -1.20 0.00	37.50 -1.28 0.00	36.45 -1.54 2.60	34.52 -1.64 6.88	35.05 -1.69 7.62	34.24 -1.76 11.51	35.03 -1.79 14.17	35.17 -2.01 18.67	37.75 -2.53 26.21	42.20 -2.44 23.12	41.67 -2.39 24.10	36.93 -2.11 23.06	36.06 -1.86 16.82	35.52 -1.60 8.61	34.07 -1.45 5.88

NINE_MILE_2 23744	37.43 -1.20 0.00	34.26 -1.06 0.00	32.19 -0.99 0.00	31.24 -0.97 0.00	31.73 -0.98 0.00	33.32 -1.03 0.00	35.66 -1.14 0.00	37.76 -1.25 0.00	37.30 -1.27 0.00	36.21 -1.20 0.00	37.50 -1.28 0.00	36.41 -1.54 2.63	34.42 -1.64 6.99	34.93 -1.69 7.74	34.07 -1.76 11.68	34.84 -1.79 14.36	34.93 -2.01 18.91	37.41 -2.53 26.55	41.90 -2.44 23.42	41.35 -2.39 24.41	36.63 -2.11 23.36	35.84 -1.86 17.04	35.41 -1.60 8.73	33.99 -1.45 5.95
NM_CAPITAL___DRP 24208	39.32 0.70 0.00	36.02 0.71 0.00	33.81 0.63 0.00	32.79 0.58 0.00	33.26 0.56 0.00	34.93 0.58 0.00	37.28 0.48 0.00	39.44 0.43 0.00	38.96 0.39 0.00	37.67 0.26 0.00	39.05 0.27 0.00	40.95 0.37 0.00	43.42 0.39 0.00	44.76 0.40 0.00	47.93 0.43 0.00	51.39 0.41 0.00	56.30 0.45 0.00	67.02 0.53 0.00	68.37 0.61 0.00	68.77 0.61 0.00	62.60 0.50 0.00	55.34 0.60 0.00	46.33 0.59 0.00	42.14 0.75 0.00
NM_CENTRAL___DRP 24181	38.09 -0.54 0.00	34.86 -0.46 0.00	32.72 -0.46 0.00	31.73 -0.48 0.00	32.28 -0.43 0.00	33.90 -0.45 0.00	36.28 -0.52 0.00	38.46 -0.55 0.00	37.99 -0.58 0.00	36.92 -0.49 0.00	38.24 -0.54 0.00	40.15 -0.69 -0.26	42.96 -0.73 -0.65	44.39 -0.67 -0.70	47.51 -0.71 -0.72	49.76 -0.66 0.56	54.03 -0.78 1.04	63.85 -1.20 1.44	65.38 -1.08 1.29	65.78 -1.02 1.35	60.06 -0.75 1.29	53.04 -0.77 0.94	44.52 -0.73 0.48	40.41 -0.66 0.33
NM_FRONTIER___DRP 24179	34.84 -3.79 0.00	31.71 -3.60 0.00	29.83 -3.35 0.00	28.86 -3.35 0.00	29.37 -3.34 0.00	30.64 -3.71 0.00	32.01 -4.78 0.00	33.62 -5.38 0.01	33.36 -5.21 0.00	32.66 -4.75 0.00	33.97 -4.81 0.00	35.23 -5.36 0.00	36.88 -6.07 0.09	38.68 -5.63 0.05	40.33 -6.41 0.76	42.16 -5.71 3.11	44.61 -6.76 4.49	49.69 -9.18 7.62	54.17 -9.01 4.58	55.06 -9.41 3.69	51.40 -7.64 3.07	45.13 -7.01 2.60	39.16 -5.44 1.14	35.41 -5.09 0.89
NM_ST_REGIS___HYD 24053	37.70 -0.93 0.00	34.40 -0.92 0.00	32.42 -0.76 0.00	31.53 -0.68 0.00	32.08 -0.62 0.00	33.90 -0.45 0.00	36.39 -0.40 0.00	38.54 -0.47 0.00	37.92 -0.66 0.00	36.62 -0.79 0.00	37.93 -0.85 0.00	39.78 -0.81 0.00	42.05 -0.99 0.00	43.25 -1.11 0.00	46.32 -1.19 0.00	49.71 -1.27 0.00	54.40 -1.45 0.00	64.90 -1.60 0.00	66.20 -1.56 0.00	66.65 -1.50 0.00	60.67 -1.43 0.00	53.43 -1.31 0.00	44.87 -0.87 0.00	40.45 -0.95 0.00
NORTHPORT___1 23551	41.53 2.90 0.00	38.03 2.72 0.00	35.77 2.59 0.00	34.59 2.38 0.00	35.06 2.36 0.00	36.68 2.34 0.00	39.04 2.25 0.00	41.70 2.69 0.00	42.05 3.47 -0.01	40.82 3.40 -0.01	43.36 3.61 -0.98	44.99 4.02 -0.38	47.40 4.34 -0.02	51.09 4.39 -2.34	53.88 4.46 -1.90	59.00 4.43 -3.59	62.22 5.20 -1.17	74.00 6.65 -0.86	74.40 6.03 -0.62	77.52 5.79 -3.58	66.97 4.78 -0.09	59.21 4.38 -0.09	49.81 4.07 -0.01	45.21 3.81 -0.01
NORTHPORT___2 23552	41.53 2.90 0.00	38.03 2.72 0.00	35.77 2.59 0.00	34.59 2.38 0.00	35.06 2.36 0.00	36.68 2.34 0.00	39.04 2.25 0.00	41.70 2.69 0.00	42.05 3.47 -0.01	40.82 3.40 -0.01	43.36 3.61 -0.98	44.99 4.02 -0.38	47.40 4.34 -0.02	51.09 4.39 -2.34	53.88 4.46 -1.90	59.00 4.43 -3.59	62.22 5.20 -1.17	74.00 6.65 -0.86	74.40 6.03 -0.62	77.52 5.79 -3.58	66.97 4.78 -0.09	59.21 4.38 -0.09	49.81 4.07 -0.01	45.21 3.81 -0.01
NORTHPORT___3 23553	41.53 2.90 0.00	38.00 2.68 0.00	35.77 2.59 0.00	34.56 2.35 0.00	35.03 2.32 0.00	36.65 2.30 0.00	39.01 2.21 0.00	41.70 2.69 0.00	42.05 3.47 -0.01	40.79 3.37 -0.01	43.36 3.61 -0.98	44.99 4.02 -0.38	47.40 4.34 -0.02	51.10 4.39 -2.35	53.85 4.42 -1.92	59.04 4.43 -3.63	62.17 5.14 -1.18	74.00 6.65 -0.87	74.41 6.03 -0.62	77.50 5.73 -3.62	66.97 4.78 -0.09	59.21 4.38 -0.09	49.81 4.07 -0.01	45.21 3.81 -0.01
NORTHPORT___4 23650	41.53 2.90 0.00	38.00 2.68 0.00	35.77 2.59 0.00	34.56 2.35 0.00	35.03 2.32 0.00	36.65 2.30 0.00	39.01 2.21 0.00	41.70 2.69 0.00	42.05 3.47 -0.01	40.79 3.37 -0.01	43.36 3.61 -0.98	44.99 4.02 -0.38	47.40 4.34 -0.02	51.10 4.39 -2.35	53.85 4.42 -1.92	59.04 4.43 -3.63	62.17 5.14 -1.18	74.00 6.65 -0.87	74.41 6.03 -0.62	77.50 5.73 -3.62	66.97 4.78 -0.09	59.21 4.38 -0.09	49.81 4.07 -0.01	45.21 3.81 -0.01
NORTHPORT___IC 23718	41.53 2.90 0.00	38.18 2.86 0.00	35.77 2.59 0.00	34.66 2.45 0.00	35.06 2.35 0.00	36.68 2.34 0.00	39.08 2.28 0.00	41.70 2.69 0.00	42.04 3.47 0.00	40.81 3.40 0.00	43.44 3.68 -0.98	44.99 4.02 -0.38	47.44 4.39 -0.02	51.09 4.39 -2.34	53.88 4.47 -1.90	59.06 4.49 -3.59	62.39 5.36 -1.17	74.06 6.72 -0.86	74.47 6.10 -0.62	77.52 5.79 -3.58	66.97 4.78 -0.09	59.10 4.27 -0.09	49.81 4.07 0.00	45.21 3.81 0.00
NORTH___COUNTRY_ESR 323785	38.17 -0.46 0.00	34.75 -0.57 0.00	32.85 -0.33 0.00	31.92 -0.29 0.00	32.44 -0.26 0.00	34.17 -0.17 0.00	36.73 -0.07 0.00	38.93 -0.08 0.00	38.46 -0.12 0.00	37.30 -0.11 0.00	38.66 -0.12 0.00	40.55 -0.04 0.00	42.99 -0.04 0.00	44.18 -0.18 0.00	47.32 -0.19 0.00	50.73 -0.25 0.00	55.52 -0.33 0.00	66.23 -0.26 0.00	67.56 -0.20 0.00	67.95 -0.20 0.00	61.85 -0.25 0.00	54.36 -0.38 0.00	45.46 -0.27 0.00	41.07 -0.33 0.00
NPX_GEN_1385_PROXY 323591	41.68 3.05 0.00	38.03 2.72 0.00	36.00 2.82 0.00	34.59 2.38 0.00	35.29 2.58 0.00	36.89 2.54 0.00	39.04 2.25 0.00	41.70 2.69 0.00	42.05 3.47 -0.01	40.82 3.40 -0.01	43.17 3.41 -0.98	44.74 3.78 -0.38	47.14 4.09 -0.02	50.73 4.04 -2.34	53.21 3.80 -1.90	58.19 3.62 -3.59	61.27 4.24 -1.17	72.86 5.52 -0.86	73.73 5.35 -0.62	77.25 5.52 -3.58	66.79 4.60 -0.09	59.05 4.22 -0.09	50.01 3.93 -0.34	44.71 3.64 0.33
NPX_GEN_CSC 323557	41.49 2.86 0.00	38.39 3.07 0.00	36.37 3.19 0.00	35.20 3.00 0.00	35.42 2.71 0.00	37.06 2.71 0.00	39.41 2.61 0.00	41.82 2.81 0.00	42.32 3.74 -0.01	41.01 3.59 -0.01	43.52 3.76 -0.98	45.11 4.14 -0.38	47.31 4.26 -0.02	51.04 4.26 -2.42	54.21 4.46 -2.24	59.68 4.49 -4.21	62.65 5.42 -1.38	74.48 6.98 -1.01	74.85 6.37 -0.73	78.08 5.73 -4.20	66.87 4.66 -0.11	59.17 4.32 -0.10	50.01 3.93 -0.34	44.88 3.81 0.33
NSINS_S_GLNS_FALLS 23858	41.22 2.59 0.00	37.75 2.44 0.00	35.47 2.29 0.00	34.30 2.09 0.00	34.86 2.16 0.00	36.68 2.34 0.00	39.04 2.24 0.00	41.19 2.18 0.00	40.38 1.81 0.00	38.87 1.46 0.00	39.98 1.20 0.00	41.93 1.34 0.00	44.37 1.33 0.00	45.73 1.38 0.00	49.26 1.76 0.00	53.02 2.04 0.00	58.09 2.23 0.00	69.42 2.93 0.00	71.62 3.86 0.00	72.24 4.09 0.00	66.38 4.28 0.00	58.79 4.05 0.00	48.89 3.16 0.00	44.38 2.98 0.00
NUCOR_STEEL___DRP 24197	38.44 -0.19 0.00	35.14 -0.18 0.00	33.02 -0.17 0.00	31.98 -0.23 0.00	32.54 -0.16 0.00	34.21 -0.14 0.00	36.58 -0.22 0.00	38.70 -0.31 0.00	38.19 -0.39 0.00	37.11 -0.30 0.00	38.43 -0.35 0.00	40.52 -0.49 -0.42	43.60 -0.52 -1.08	45.08 -0.44 -1.17	48.44 -0.48 -1.41	50.82 -0.41 -0.24	55.35 -0.50 0.00	65.79 -0.73 -0.03	67.22 -0.54 0.00	67.74 -0.41 0.00	61.97 -0.12 0.00	54.58 -0.16 0.00	45.51 -0.23 0.00	41.15 -0.25 0.00

NUMBER_THREE_WT_PWR 323818	38.09 -0.54 0.00	35.00 -0.32 0.00	32.91 -0.27 0.00	32.14 -0.06 0.00	32.97 0.26 0.00	35.00 0.65 0.00	37.53 0.74 0.00	39.55 0.55 0.00	38.80 0.23 0.00	37.41 0.00 0.00	38.78 0.00 0.00	40.66 -0.12 -0.20	43.33 -0.21 -0.50	44.77 -0.13 -0.55	48.17 0.00 -0.66	50.94 -0.15 -0.11	55.85 0.00 0.00	66.57 0.07 -0.01	67.89 0.14 0.00	68.43 0.27 0.00	61.91 -0.19 0.00	54.52 -0.22 0.00	45.60 -0.14 0.00	41.32 -0.08 0.00
NYISO_LBMP_REFERENCE 24008	38.63 0.00 0.00	35.31 0.00 0.00	33.18 0.00 0.00	32.21 0.00 0.00	32.71 0.00 0.00	34.35 0.00 0.00	36.80 0.00 0.00	39.01 0.00 0.00	38.57 0.00 0.00	37.41 0.00 0.00	38.78 0.00 0.00	40.59 0.00 0.00	43.04 0.00 0.00	44.36 0.00 0.00	47.51 0.00 0.00	50.98 0.00 0.00	55.85 0.00 0.00	66.49 0.00 0.00	67.76 0.00 0.00	68.15 0.00 0.00	62.10 0.00 0.00	54.74 0.00 0.00	45.74 0.00 0.00	41.40 0.00 0.00
NYPA_BRENTWD____GT 24164	41.99 3.36 0.00	38.46 3.14 0.00	36.17 2.99 0.00	34.98 2.77 0.00	35.42 2.71 0.00	37.06 2.71 0.00	39.45 2.65 0.00	42.13 3.12 0.00	42.55 3.97 -0.01	41.27 3.85 -0.01	43.87 4.11 -0.98	45.51 4.54 -0.38	47.96 4.90 -0.02	51.94 5.05 -2.53	55.43 5.27 -2.65	61.37 5.40 -4.99	63.57 6.09 -1.63	75.46 7.78 -1.19	75.80 7.18 -0.86	79.88 6.75 -4.98	67.94 5.71 -0.13	60.24 5.37 -0.13	50.46 4.71 -0.01	45.71 4.31 -0.01
NYPA_GOWANUS____GT5 24156	40.60 1.97 0.00	37.22 1.91 0.00	34.91 1.72 0.00	33.81 1.61 0.01	34.24 1.54 0.01	35.71 1.38 0.01	38.26 1.47 0.01	40.91 1.91 0.01	40.96 2.39 0.01	39.84 2.43 0.00	41.73 2.95 -0.01	44.11 3.49 -0.03	50.86 3.87 -3.94	59.15 4.08 -10.72	59.80 4.56 -7.74	60.14 4.85 -4.31	65.04 5.14 -4.06	72.74 6.25 0.00	73.10 5.35 0.01	73.11 4.97 0.02	66.32 4.22 0.01	59.01 4.27 0.01	49.07 3.34 0.00	44.58 3.19 0.00
NYPA_GOWANUS____GT6 24157	40.60 1.97 0.00	37.22 1.91 0.00	34.91 1.72 0.00	33.81 1.61 0.01	34.24 1.54 0.01	35.71 1.38 0.01	38.26 1.47 0.01	40.91 1.91 0.01	40.96 2.39 0.01	39.84 2.43 0.00	41.73 2.95 -0.01	44.11 3.49 -0.03	50.86 3.87 -3.94	59.15 4.08 -10.72	59.80 4.56 -7.74	60.14 4.85 -4.31	65.04 5.14 -4.06	72.74 6.25 0.00	73.10 5.35 0.01	73.11 4.97 0.02	66.32 4.22 0.01	59.01 4.27 0.01	49.07 3.34 0.00	44.58 3.19 0.00
NYPA_HARLEM__RVR__GT1 24160	40.91 2.28 0.00	37.36 2.05 0.00	35.34 2.16 -0.01	34.24 2.03 0.00	34.67 1.96 0.00	35.96 1.61 0.00	38.37 1.58 0.01	41.07 2.07 0.01	41.11 2.55 0.01	39.95 2.55 0.01	41.89 3.10 -0.01	44.10 3.49 -0.02	47.25 3.83 -0.39	59.01 3.95 -10.71	59.51 4.28 -7.73	59.72 4.43 -4.30	60.57 5.08 0.36	72.60 6.11 0.00	73.03 5.29 0.01	73.11 4.97 0.02	66.19 4.10 0.01	58.73 3.99 0.01	49.07 3.34 0.00	44.79 3.40 0.00
NYPA_HARLEM__RVR__GT2 24161	40.91 2.28 0.00	37.36 2.05 0.00	35.34 2.16 -0.01	34.24 2.03 0.00	34.67 1.96 0.00	35.96 1.61 0.00	38.37 1.58 0.01	41.07 2.07 0.01	41.11 2.55 0.01	39.95 2.55 0.01	41.89 3.10 -0.01	44.10 3.49 -0.02	47.25 3.83 -0.39	59.01 3.95 -10.71	59.51 4.28 -7.73	59.72 4.43 -4.30	60.57 5.08 0.36	72.60 6.11 0.00	73.03 5.29 0.01	73.11 4.97 0.02	66.19 4.10 0.01	58.73 3.99 0.01	49.07 3.34 0.00	44.79 3.40 0.00
NYPA_KENT____GT 24152	40.87 2.24 0.00	37.40 2.08 0.00	35.14 1.96 0.00	34.08 1.87 0.00	34.50 1.80 0.00	35.99 1.65 0.00	38.56 1.77 0.00	41.23 2.22 0.00	41.27 2.70 0.00	40.11 2.70 0.00	41.89 3.10 -0.01	44.14 3.53 -0.03	50.90 3.92 -3.94	59.07 3.99 -10.72	59.61 4.37 -7.74	59.83 4.54 -4.31	65.16 5.25 -4.06	72.87 6.38 0.00	73.37 5.62 0.01	73.46 5.32 0.02	66.50 4.41 0.01	58.89 4.16 0.01	49.07 3.34 0.00	44.63 3.23 0.00
NYPA_POUCH1____GT 24155	40.41 1.78 0.00	37.08 1.76 0.00	34.77 1.59 0.00	33.65 1.45 0.01	34.07 1.37 0.01	35.57 1.23 0.01	38.08 1.29 0.01	40.71 1.71 0.01	38.31 2.20 2.46	38.36 2.24 1.30	41.54 2.75 -0.01	43.90 3.29 -0.03	50.68 3.70 -3.94	58.98 3.90 -10.72	59.66 4.42 -7.74	59.98 4.69 -4.31	64.83 4.92 -4.06	72.41 5.92 0.00	72.84 5.08 0.01	72.83 4.70 0.02	66.01 3.91 0.01	58.89 4.16 0.01	48.94 3.20 0.00	44.42 3.02 0.00
NYPA_VERNON____GT2 24162	40.87 2.24 0.00	37.40 2.08 0.00	35.14 1.96 0.00	34.08 1.87 0.00	34.50 1.80 0.00	35.99 1.65 0.00	38.56 1.77 0.00	41.23 2.22 0.00	41.27 2.70 0.00	40.11 2.70 0.00	41.89 3.10 -0.01	44.14 3.53 -0.03	50.90 3.92 -3.94	59.07 3.99 -10.72	59.61 4.37 -7.74	59.83 4.54 -4.31	65.16 5.25 -4.06	72.87 6.38 0.00	73.37 5.62 0.01	73.46 5.32 0.02	66.50 4.41 0.01	58.89 4.16 0.01	49.07 3.34 0.00	44.63 3.23 0.00
NYPA_VERNON____GT3 24163	40.87 2.24 0.00	37.40 2.08 0.00	35.14 1.96 0.00	34.08 1.87 0.00	34.50 1.80 0.00	35.99 1.65 0.00	38.56 1.77 0.00	41.23 2.22 0.00	41.27 2.70 0.00	40.11 2.70 0.00	41.89 3.10 -0.01	44.14 3.53 -0.03	50.90 3.92 -3.94	59.07 3.99 -10.72	59.61 4.37 -7.74	59.83 4.54 -4.31	65.16 5.25 -4.06	72.87 6.38 0.00	73.37 5.62 0.01	73.46 5.32 0.02	66.50 4.41 0.01	58.89 4.16 0.01	49.07 3.34 0.00	44.63 3.23 0.00
NYPA__ASTORIA_CC1 323568	40.83 2.20 0.00	37.36 2.05 0.00	35.14 1.96 0.00	34.04 1.83 0.00	34.50 1.80 0.00	35.96 1.61 0.00	38.49 1.69 0.00	41.19 2.18 0.00	41.23 2.66 0.00	40.07 2.66 0.00	41.85 3.06 -0.01	44.11 3.49 -0.03	50.81 3.83 -3.94	59.02 3.95 -10.72	59.52 4.28 -7.74	59.78 4.49 -4.31	65.04 5.14 -4.06	72.74 6.25 0.00	73.24 5.49 0.01	73.25 5.11 0.02	66.37 4.28 0.01	58.84 4.11 0.01	49.03 3.29 0.00	44.58 3.19 0.00
NYPA__ASTORIA_CC2 323569	40.83 2.20 0.00	37.36 2.05 0.00	35.14 1.96 0.00	34.04 1.83 0.00	34.50 1.80 0.00	35.96 1.61 0.00	38.49 1.69 0.00	41.19 2.18 0.00	41.23 2.66 0.00	40.07 2.66 0.00	41.85 3.06 -0.01	44.11 3.49 -0.03	50.81 3.83 -3.94	59.02 3.95 -10.72	59.52 4.28 -7.74	59.78 4.49 -4.31	65.04 5.14 -4.06	72.74 6.25 0.00	73.24 5.49 0.01	73.25 5.11 0.02	66.37 4.28 0.01	58.84 4.11 0.01	49.03 3.29 0.00	44.58 3.19 0.00
NYPA__HOLTSVILL 23794	41.68 3.05 0.00	38.31 3.00 0.00	36.07 2.89 0.00	34.91 2.71 0.00	35.29 2.58 0.00	36.92 2.58 0.00	39.30 2.50 0.00	41.89 2.89 0.00	42.36 3.78 -0.01	41.05 3.63 -0.01	43.60 3.84 -0.98	45.15 4.18 -0.38	47.53 4.48 -0.02	51.34 4.57 -2.42	54.51 4.80 -2.20	59.98 4.85 -4.15	62.91 5.70 -1.36	74.73 7.25 -0.99	75.04 6.57 -0.72	78.43 6.14 -4.14	67.30 5.09 -0.11	59.61 4.76 -0.10	50.00 4.25 -0.01	45.34 3.93 -0.01
NYPA__HELLGATE_GT1 24158	40.91 2.28 0.00	37.36 2.05 0.00	35.34 2.16 -0.01	34.24 2.03 0.00	34.67 1.96 0.00	35.96 1.61 0.00	38.37 1.58 0.01	41.07 2.07 0.01	41.11 2.55 0.01	39.95 2.55 0.01	41.89 3.10 -0.01	44.10 3.49 -0.02	54.35 3.83 -7.49	59.01 3.95 -10.71	59.51 4.28 -7.73	59.72 4.43 -4.30	61.33 5.08 -0.40	72.60 6.11 0.00	73.03 5.29 0.01	73.11 4.97 0.02	66.19 4.10 0.01	58.73 3.99 0.01	49.07 3.34 0.00	44.79 3.40 0.00

NYPA_____HELLGATE_GT2 24159	40.91 2.28 0.00	37.36 2.05 0.00	35.34 2.16 -0.01	34.24 2.03 0.00	34.67 1.96 0.00	35.96 1.61 0.00	38.37 1.58 0.01	41.07 2.07 0.01	41.11 2.55 0.01	39.95 2.55 0.01	41.89 3.10 -0.01	44.10 3.49 -0.02	54.35 3.83 -7.49	59.01 3.95 -10.71	59.51 4.28 -7.73	59.72 4.43 -4.30	61.33 5.08 -0.40	72.60 6.11 0.00	73.03 5.29 0.01	73.11 4.97 0.02	66.19 4.10 0.01	58.73 3.99 0.01	49.07 3.34 0.00	44.79 3.40 0.00
NYS_BARGE____HYD 23848	35.11 -3.51 0.00	31.86 -3.46 0.00	29.90 -3.29 0.00	29.18 -3.03 0.00	29.44 -3.27 0.00	30.84 -3.50 0.00	32.64 -4.16 0.00	34.40 -4.60 0.01	34.14 -4.43 0.00	33.41 -4.00 0.00	34.44 -4.34 0.00	36.08 -4.51 0.00	37.96 -4.99 0.09	39.21 -5.10 0.05	41.56 -5.23 0.73	42.65 -5.35 2.98	45.69 -5.86 4.30	51.97 -7.25 7.27	56.12 -7.25 4.39	56.84 -7.77 3.54	52.85 -6.21 3.04	46.41 -5.86 2.47	40.07 -4.53 1.14	36.03 -4.51 0.86
OAK ORCHARD____HYD 24046	36.81 -1.81 0.00	33.55 -1.76 0.00	31.45 -1.73 0.00	30.63 -1.58 0.00	31.07 -1.63 0.00	32.60 -1.75 0.00	34.66 -2.14 0.00	36.79 -2.22 0.00	36.41 -2.16 0.00	35.54 -1.87 0.00	36.68 -2.09 0.00	38.39 -2.19 0.00	40.56 -2.45 0.03	41.91 -2.40 0.05	44.56 -2.57 0.38	46.98 -2.24 1.76	50.29 -2.96 2.60	58.94 -3.92 3.63	61.57 -2.98 3.21	61.35 -3.47 3.33	56.53 -2.36 3.21	49.95 -2.46 2.33	42.62 -1.92 1.20	38.52 -2.07 0.81
OAKDALE____35_KV_LOAD 356122	38.67 0.04 0.00	35.35 0.04 0.00	33.18 0.00 0.00	32.18 -0.03 0.00	32.67 -0.03 0.00	34.31 -0.03 0.00	36.73 -0.07 0.00	38.89 -0.12 0.00	38.46 -0.12 0.00	37.34 -0.07 0.00	38.74 -0.04 0.00	40.69 -0.08 -0.19	43.52 0.00 -0.48	44.82 -0.04 -0.51	48.30 0.19 -0.61	50.97 0.05 0.06	55.75 0.17 0.27	66.76 0.33 0.06	67.24 0.07 0.59	67.33 0.07 0.89	61.51 0.19 0.77	54.18 0.05 0.62	45.40 -0.05 0.29	41.10 -0.08 0.22
OCC_CHEM____DRP 24175	34.92 -3.71 0.00	31.75 -3.57 0.00	29.86 -3.32 0.00	28.89 -3.32 0.00	29.40 -3.30 0.00	30.67 -3.67 0.00	32.05 -4.75 0.00	33.69 -5.31 0.01	33.44 -5.13 0.00	32.73 -4.68 0.00	34.05 -4.73 0.00	35.31 -5.28 0.00	37.01 -5.94 0.09	38.76 -5.54 0.05	40.47 -6.27 0.76	42.21 -5.66 3.11	44.60 -6.76 4.49	49.82 -9.04 7.62	54.30 -8.88 4.58	55.21 -9.27 3.68	51.59 -7.45 3.06	45.30 -6.84 2.60	39.25 -5.35 1.14	35.46 -5.05 0.89
OH_GEN_PROXY 24063	34.96 -3.67 0.00	31.75 -3.57 0.00	29.80 -3.38 0.00	29.09 -3.12 0.00	29.34 -3.37 0.00	30.70 -3.64 0.00	32.53 -4.27 0.00	34.32 -4.68 0.01	34.02 -4.55 0.00	33.26 -4.15 0.00	34.32 -4.46 0.00	35.92 -4.67 0.00	37.74 -5.21 0.08	39.03 -5.28 0.05	41.33 -5.46 0.72	42.41 -5.61 2.97	45.02 -6.53 4.30	51.38 -7.85 7.27	55.67 -7.59 4.50	56.33 -8.04 3.78	52.55 -6.46 3.09	46.03 -6.08 2.63	40.16 -4.76 0.82	35.43 -4.72 1.25
OLIN_CORP_DRP 24177	34.34 -4.29 0.00	31.08 -4.24 0.00	29.23 -3.95 0.00	28.28 -3.93 0.00	28.78 -3.92 0.00	30.12 -4.22 0.00	31.90 -4.89 0.00	33.62 -5.38 0.01	33.33 -5.25 0.00	32.62 -4.79 0.00	33.93 -4.85 0.00	35.19 -5.40 0.00	36.92 -6.03 0.09	38.63 -5.68 0.05	40.43 -6.32 0.76	41.40 -6.47 3.11	44.55 -6.81 4.49	50.11 -8.71 7.67	54.08 -9.15 4.54	55.15 -9.41 3.60	51.46 -7.64 3.01	45.17 -7.06 2.51	39.13 -5.49 1.12	35.14 -5.38 0.87
OLIN_CORP_DSASP 323712	34.92 -3.71 0.00	31.75 -3.57 0.00	29.86 -3.32 0.00	28.89 -3.32 0.00	29.40 -3.30 0.00	30.67 -3.67 0.00	32.05 -4.75 0.00	33.69 -5.31 0.01	33.44 -5.13 0.00	32.73 -4.68 0.00	34.05 -4.73 0.00	35.31 -5.28 0.00	37.01 -5.94 0.09	38.76 -5.54 0.05	40.47 -6.27 0.76	42.21 -5.66 3.11	44.60 -6.76 4.49	49.82 -9.04 7.62	54.30 -8.88 4.58	55.21 -9.27 3.68	51.59 -7.45 3.06	45.30 -6.84 2.60	39.25 -5.35 1.14	35.46 -5.05 0.89
ONEIDA_HERK_LFGE 323681	38.82 0.19 0.00	35.56 0.25 0.00	33.42 0.23 0.00	32.53 0.32 0.00	33.20 0.49 0.00	35.10 0.75 0.00	37.61 0.81 0.00	39.71 0.70 0.00	39.07 0.50 0.00	37.75 0.34 0.00	39.13 0.35 0.00	41.00 0.29 -0.13	43.63 0.26 -0.33	45.07 0.35 -0.36	48.47 0.52 -0.44	51.46 0.41 -0.08	56.47 0.62 0.00	67.30 0.80 -0.01	68.78 1.02 0.00	69.18 1.02 0.00	62.78 0.68 0.00	55.35 0.60 0.00	46.20 0.46 0.00	41.86 0.46 0.00
ONEIDA____115KV_TB4 55905	39.21 0.58 0.00	35.88 0.57 0.00	33.68 0.50 0.00	32.72 0.52 0.00	33.30 0.59 0.00	35.03 0.69 0.00	37.50 0.70 0.00	39.67 0.66 0.00	39.07 0.50 0.00	37.82 0.41 0.00	39.24 0.47 0.00	41.14 0.41 -0.15	43.84 0.43 -0.37	45.29 0.53 -0.40	48.59 0.67 -0.42	51.31 0.61 0.29	56.08 0.78 0.55	66.73 1.00 0.76	68.30 1.22 0.68	68.74 1.29 0.71	62.60 1.18 0.68	55.23 0.99 0.50	46.22 0.73 0.25	41.93 0.70 0.17
ONONDAGA_REF_OCCRA 23987	38.28 -0.35 0.00	35.00 -0.32 0.00	32.85 -0.33 0.00	31.89 -0.32 0.00	32.41 -0.29 0.00	34.04 -0.31 0.00	36.43 -0.37 0.00	38.62 -0.39 0.00	38.15 -0.42 0.00	37.07 -0.34 0.00	38.39 -0.39 0.00	40.37 -0.53 -0.31	43.26 -0.56 -0.78	44.71 -0.49 -0.84	47.96 -0.48 -0.92	50.18 -0.46 0.34	54.53 -0.56 0.77	64.64 -0.80 1.05	66.13 -0.68 0.95	66.55 -0.61 0.99	60.72 -0.43 0.95	53.56 -0.49 0.69	44.88 -0.50 0.35	40.70 -0.46 0.24
ONONDAGA____COGEN 23986	38.28 -0.35 0.00	35.03 -0.28 0.00	32.88 -0.30 0.00	31.92 -0.29 0.00	32.44 -0.26 0.00	34.10 -0.24 0.00	36.50 -0.29 0.00	38.66 -0.35 0.00	38.15 -0.42 0.00	37.07 -0.34 0.00	38.39 -0.39 0.00	40.52 -0.53 -0.47	43.68 -0.56 -1.20	45.17 -0.49 -1.30	48.60 -0.48 -1.57	50.79 -0.46 -0.27	55.29 -0.56 0.00	65.66 -0.86 -0.03	67.01 -0.75 0.00	67.47 -0.68 0.00	61.66 -0.43 0.00	54.30 -0.44 0.00	45.28 -0.46 0.00	40.99 -0.41 0.00
ONTARIO____LFGE 23819	38.01 -0.62 0.00	34.68 -0.63 0.00	32.55 -0.63 0.00	31.63 -0.58 0.00	32.12 -0.59 0.00	33.76 -0.58 0.00	36.10 -0.70 0.00	38.19 -0.82 -0.01	37.64 -0.93 0.00	36.66 -0.75 0.00	37.89 -0.89 0.00	39.82 -0.93 -0.16	42.40 -1.07 -0.44	43.71 -1.06 -0.42	47.16 -0.90 -0.55	50.05 -0.82 0.11	54.24 -1.23 0.38	64.97 -1.93 -0.41	65.22 -1.35 1.19	64.83 -1.30 2.03	59.43 -0.74 1.93	52.51 -0.82 1.42	44.28 -0.73 0.72	40.08 -0.83 0.50
ORANGEVILLE_WT_PWR 323706	36.23 -2.40 0.00	32.91 -2.40 0.00	30.89 -2.29 0.00	30.05 -2.16 0.00	30.35 -2.36 0.00	31.84 -2.51 0.00	33.74 -3.05 0.00	35.46 -3.51 0.04	35.10 -3.47 0.00	34.34 -3.07 0.00	35.44 -3.34 0.00	37.06 -3.53 0.00	38.80 -3.96 0.28	40.24 -4.08 0.04	41.76 -3.85 1.90	39.69 -4.23 7.06	41.27 -4.64 9.95	41.52 -5.12 19.85	54.33 -5.69 7.73	59.44 -5.72 2.98	55.06 -4.53 2.51	48.28 -4.38 2.08	41.19 -3.61 0.94	36.99 -3.68 0.72
ORANGEVILLE____ESR 323794	36.23 -2.40 0.00	32.91 -2.40 0.00	30.89 -2.29 0.00	30.05 -2.16 0.00	30.35 -2.36 0.00	31.84 -2.51 0.00	33.74 -3.05 0.00	35.46 -3.51 0.04	35.10 -3.47 0.00	34.34 -3.07 0.00	35.44 -3.34 0.00	37.06 -3.53 0.00	38.80 -3.96 0.28	40.24 -4.08 0.04	41.76 -3.85 1.90	39.69 -4.23 7.06	41.27 -4.64 9.95	41.52 -5.12 19.85	54.33 -5.69 7.73	59.44 -5.72 2.98	55.06 -4.53 2.51	48.28 -4.38 2.08	41.19 -3.61 0.94	36.99 -3.68 0.72

OSWEGATCHIE___HYD 24044	37.70 -0.93 0.00	34.50 -0.81 0.00	32.48 -0.70 0.00	31.63 -0.58 0.00	32.28 -0.43 0.00	34.17 -0.17 0.00	36.69 -0.11 0.00	38.74 -0.27 0.00	38.03 -0.54 0.00	36.66 -0.75 0.00	37.96 -0.82 0.00	39.85 -0.89 -0.15	42.39 -1.03 -0.39	43.72 -1.06 -0.42	46.93 -1.09 -0.51	49.85 -1.22 -0.09	54.46 -1.39 0.00	64.90 -1.60 -0.01	66.27 -1.49 0.00	66.86 -1.30 0.00	60.67 -1.43 0.00	53.49 -1.26 0.00	44.92 -0.82 0.00	40.61 -0.79 0.00
OSWEGO___5 23606	37.67 -0.96 0.00	34.47 -0.85 0.00	32.38 -0.80 0.00	31.44 -0.77 0.00	31.92 -0.79 0.00	33.52 -0.82 0.00	35.88 -0.92 0.00	37.99 -1.01 0.00	37.53 -1.04 0.00	36.44 -0.97 0.00	37.73 -1.05 0.00	41.27 -1.26 -1.94	46.77 -1.33 -5.07	48.54 -1.38 -5.56	53.72 -1.42 -7.64	55.76 -1.43 -6.20	61.71 -1.62 -7.48	74.99 -2.06 -10.56	75.12 -1.90 -9.26	75.90 -1.91 -9.66	69.72 -1.61 -9.24	60.01 -1.48 -6.74	47.91 -1.28 -3.45	42.59 -1.16 -2.35
OSWEGO___6 23613	37.67 -0.96 0.00	34.47 -0.85 0.00	32.38 -0.80 0.00	31.44 -0.77 0.00	31.92 -0.79 0.00	33.52 -0.82 0.00	35.88 -0.92 0.00	37.99 -1.01 0.00	37.53 -1.04 0.00	36.44 -0.97 0.00	37.73 -1.05 0.00	41.27 -1.26 -1.94	46.77 -1.33 -5.07	48.54 -1.38 -5.56	53.72 -1.42 -7.64	55.76 -1.43 -6.20	61.71 -1.62 -7.48	74.99 -2.06 -10.56	75.12 -1.90 -9.26	75.90 -1.91 -9.66	69.72 -1.61 -9.24	60.01 -1.48 -6.74	47.91 -1.28 -3.45	42.59 -1.16 -2.35
OUTOKUMPU-AB___DRP 24206	35.46 -3.17 0.00	32.14 -3.18 0.00	30.23 -2.95 0.00	29.21 -3.00 0.00	29.73 -2.98 0.00	31.12 -3.23 0.00	32.79 -4.01 0.00	34.47 -4.52 0.01	34.21 -4.36 0.00	33.52 -3.89 0.00	34.94 -3.84 0.00	36.24 -4.34 0.00	38.08 -4.86 0.09	39.74 -4.57 0.05	41.79 -4.94 0.78	42.94 -4.89 3.15	45.78 -5.53 4.54	51.90 -6.85 7.75	55.95 -7.25 4.55	57.03 -7.57 3.56	53.08 -6.02 2.99	46.55 -5.69 2.49	40.14 -4.48 1.11	36.15 -4.39 0.86
OXBOW___BTM 323836	35.23 -3.40 0.00	32.03 -3.28 0.00	30.10 -3.08 0.00	29.34 -2.87 0.00	29.60 -3.11 0.00	30.94 -3.40 0.00	32.46 -4.34 0.00	34.16 -4.84 0.01	33.90 -4.67 0.00	33.18 -4.23 0.00	34.24 -4.54 0.00	35.88 -4.71 0.00	37.74 -5.21 0.09	38.98 -5.32 0.05	41.28 -5.46 0.77	42.24 -5.61 3.13	45.36 -5.98 4.52	51.51 -7.31 7.66	55.47 -7.73 4.57	56.22 -8.32 3.62	52.43 -6.64 3.03	45.90 -6.29 2.54	39.76 -4.85 1.13	35.88 -4.64 0.88
OXBOW___ 24026	35.23 -3.40 0.00	32.00 -3.32 0.00	30.10 -3.09 0.00	29.08 -3.12 0.00	29.60 -3.11 0.00	30.95 -3.40 0.00	32.46 -4.34 0.00	34.12 -4.84 0.01	33.87 -4.71 0.00	33.18 -4.23 0.00	34.55 -4.23 0.00	35.84 -4.75 0.00	37.61 -5.34 0.09	39.34 -4.97 0.05	41.23 -5.51 0.77	42.65 -5.20 3.13	45.30 -6.03 4.52	50.98 -7.85 7.66	55.27 -7.93 4.57	56.22 -8.31 3.62	52.43 -6.64 3.03	46.01 -6.19 2.54	39.76 -4.85 1.13	35.88 -4.64 0.88
OXY_CHEM_DSASP 323612	34.92 -3.71 0.00	31.75 -3.57 0.00	29.86 -3.32 0.00	28.89 -3.32 0.00	29.40 -3.30 0.00	30.67 -3.67 0.00	32.05 -4.75 0.00	33.69 -5.31 0.01	33.44 -5.13 0.00	32.73 -4.68 0.00	34.05 -4.73 0.00	35.31 -5.28 0.00	37.01 -5.94 0.09	38.76 -5.54 0.05	40.47 -6.27 0.76	42.21 -5.66 3.11	44.60 -6.76 4.49	49.82 -9.04 7.62	54.30 -8.88 4.58	55.21 -9.27 3.68	51.59 -7.45 3.06	45.30 -6.84 2.60	39.25 -5.35 1.14	35.46 -5.05 0.89
OZONE_PARK_ESR 323760	41.18 2.55 0.00	37.68 2.37 0.00	35.30 2.12 0.00	34.30 2.09 0.00	34.70 2.00 0.00	36.27 1.92 0.00	38.93 2.13 0.00	41.62 2.61 0.00	41.66 3.09 0.00	40.44 3.03 0.00	42.28 3.49 -0.01	44.51 3.90 -0.03	51.28 4.35 -3.90	59.39 4.44 -10.60	60.05 4.89 -7.65	60.39 5.15 -4.26	65.95 6.09 -4.01	73.94 7.45 0.00	74.53 6.78 0.01	74.55 6.41 0.01	67.56 5.46 0.00	59.50 4.76 0.01	49.53 3.80 0.00	44.96 3.56 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	34.92 -3.71 0.00	31.75 -3.57 0.00	29.86 -3.32 0.00	28.89 -3.32 0.00	29.40 -3.30 0.00	30.67 -3.67 0.00	32.05 -4.75 0.00	33.69 -5.31 0.01	33.44 -5.13 0.00	32.73 -4.68 0.00	34.05 -4.73 0.00	35.31 -5.28 0.00	37.01 -5.94 0.09	38.76 -5.54 0.05	40.47 -6.27 0.76	42.21 -5.66 3.11	44.60 -6.76 4.49	49.82 -9.04 7.62	54.30 -8.88 4.58	55.21 -9.27 3.68	51.59 -7.45 3.06	45.30 -6.84 2.60	39.25 -5.35 1.14	35.46 -5.05 0.89
PACKARD___115KV_DUPONT_184 80571	34.92 -3.71 0.00	31.82 -3.50 0.00	29.86 -3.32 0.00	29.15 -3.06 0.00	29.40 -3.30 0.00	30.67 -3.67 0.00	32.05 -4.75 0.00	33.73 -5.27 0.01	33.44 -5.13 0.00	32.73 -4.68 0.00	33.78 -5.00 0.00	35.35 -5.24 0.00	37.13 -5.81 0.09	38.41 -5.90 0.05	40.57 -6.17 0.76	41.55 -6.32 3.11	44.71 -6.65 4.49	50.49 -8.38 7.62	54.57 -8.61 4.58	55.21 -9.27 3.68	51.52 -7.52 3.06	45.19 -6.95 2.60	39.25 -5.35 1.14	35.45 -5.05 0.89
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	40.87 2.24 0.00	37.40 2.08 0.00	35.25 2.06 -0.01	34.24 2.03 0.00	34.57 1.86 0.00	35.93 1.58 0.00	38.38 1.58 0.00	41.04 2.03 0.00	41.08 2.51 0.00	39.92 2.51 0.00	41.85 3.06 -0.01	43.94 3.33 -0.03	46.76 3.70 -0.02	58.80 3.73 -10.72	59.38 4.13 -7.74	59.57 4.28 -4.31	60.90 5.03 -0.02	72.61 6.12 0.00	73.10 5.35 0.01	73.04 4.91 0.02	66.19 4.10 0.01	58.68 3.94 0.01	49.03 3.29 0.00	44.75 3.35 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	41.57 2.94 0.00	38.03 2.72 0.00	35.84 2.65 -0.01	34.79 2.58 0.00	35.16 2.45 0.00	36.51 2.16 0.00	39.01 2.21 0.00	41.74 2.73 0.00	41.77 3.20 0.00	40.55 3.14 0.00	42.51 3.72 -0.01	44.63 4.02 -0.03	47.49 4.43 -0.02	59.60 4.52 -10.72	60.23 4.99 -7.74	60.49 5.20 -4.31	61.96 6.09 -0.02	73.87 7.38 0.00	74.32 6.57 0.01	74.34 6.20 0.02	67.37 5.28 0.01	59.61 4.87 0.01	49.81 4.07 0.00	45.49 4.10 0.00
PATROON___115KV_TB1 80586	39.32 0.70 0.00	36.06 0.74 0.00	33.84 0.66 0.00	32.82 0.61 0.00	33.30 0.59 0.00	34.93 0.58 0.00	37.28 0.48 0.00	39.48 0.47 0.00	39.00 0.42 0.00	37.71 0.30 0.00	39.09 0.31 0.00	40.99 0.41 0.00	43.47 0.43 0.00	44.85 0.49 0.00	48.03 0.52 0.00	51.49 0.51 0.00	56.47 0.61 0.00	67.22 0.73 0.00	68.50 0.75 0.00	68.90 0.75 0.00	62.72 0.62 0.00	55.45 0.71 0.00	46.38 0.64 0.00	42.23 0.83 0.00
PATTRSNVILLE___SOLAR 323815	39.87 1.24 0.00	36.52 1.20 0.00	34.27 1.09 0.00	33.21 1.00 0.00	33.75 1.05 0.00	35.44 1.10 0.00	37.79 0.99 0.00	39.87 0.86 0.00	39.19 0.62 0.00	37.82 0.41 0.00	39.13 0.35 0.00	41.08 0.49 0.00	43.64 0.60 0.00	45.06 0.71 0.00	48.31 0.81 0.00	51.90 0.92 0.00	57.03 1.17 0.00	68.08 1.59 0.00	69.59 1.83 0.00	70.20 2.04 0.00	64.03 1.93 0.00	56.55 1.80 0.00	47.20 1.46 0.00	42.85 1.45 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	35.42 -3.21 0.00	32.07 -3.25 0.00	30.13 -3.05 0.00	29.15 -3.06 0.00	29.60 -3.11 0.00	31.05 -3.30 0.00	33.01 -3.79 0.00	34.67 -4.33 0.01	34.37 -4.20 0.00	33.63 -3.78 0.00	35.06 -3.72 0.00	36.45 -4.14 0.00	38.81 -4.13 0.10	39.61 -4.70 0.04	43.12 -3.61 0.78	42.45 -5.40 3.13	45.93 -5.42 4.51	54.74 -4.06 7.69	55.99 -7.32 4.45	57.41 -7.36 3.38	52.82 -6.46 2.82	46.25 -6.13 2.36	39.61 -5.08 1.05	35.57 -5.01 0.82

PAWLING_115_KV_BK3_REV_LBMP_H 345028	40.79 2.16 0.00	37.36 2.05 0.00	35.04 1.86 0.00	34.01 1.80 0.00	34.44 1.73 0.00	36.03 1.68 0.00	38.64 1.84 0.00	41.19 2.18 0.00	41.08 2.51 0.00	39.80 2.39 0.00	41.49 2.71 0.00	43.59 3.00 0.00	46.52 3.49 0.00	47.99 3.64 0.00	51.54 4.04 0.00	55.26 4.28 0.00	61.04 5.19 0.00	73.01 6.52 0.00	73.44 5.69 0.01	73.66 5.52 0.01	66.69 4.60 0.00	58.62 3.89 0.01	48.85 3.11 0.00	44.34 2.94 0.00
PEEKSKILL____ 23653	40.52 1.89 0.00	37.08 1.76 0.00	34.77 1.59 0.00	33.72 1.51 0.00	34.18 1.47 0.00	35.75 1.41 0.00	38.34 1.55 0.00	40.96 1.95 0.00	40.88 2.31 0.00	39.65 2.24 0.00	41.30 2.52 0.00	43.51 2.92 0.00	46.31 3.27 0.00	47.77 3.42 0.00	51.21 3.71 0.00	54.85 3.87 0.00	60.48 4.63 0.00	72.27 5.78 0.00	72.90 5.15 0.01	73.05 4.91 0.01	66.20 4.10 0.00	58.35 3.61 0.01	48.62 2.88 0.00	44.09 2.69 0.00
PGE MADISON__WINDPWR 24146	40.56 1.93 0.00	37.05 1.73 0.00	34.74 1.56 0.00	33.76 1.55 0.00	34.31 1.60 0.00	36.17 1.82 0.00	38.68 1.88 0.00	40.73 1.72 0.00	39.92 1.35 0.00	38.57 1.16 0.00	39.94 1.16 0.00	41.92 1.14 -0.19	44.84 1.29 -0.51	46.35 1.46 -0.53	49.98 1.81 -0.67	52.75 1.68 -0.08	57.90 2.12 0.08	69.77 2.99 -0.28	70.82 3.46 0.40	71.02 3.61 0.75	64.79 3.35 0.66	57.01 2.79 0.52	47.50 2.01 0.25	43.00 1.78 0.18
PIERCEFIELD____HYD 23852	37.55 -1.08 0.00	34.26 -1.06 0.00	32.29 -0.90 0.00	31.40 -0.81 0.00	31.95 -0.75 0.00	33.73 -0.62 0.00	36.21 -0.59 0.00	38.35 -0.66 0.00	37.72 -0.85 0.00	36.36 -1.05 0.00	37.65 -1.12 0.00	39.56 -1.10 -0.07	41.89 -1.33 -0.18	43.09 -1.46 -0.20	46.18 -1.57 -0.24	49.34 -1.68 -0.04	53.90 -1.95 0.00	64.30 -2.19 0.00	65.66 -2.10 0.00	66.11 -2.04 0.00	60.11 -1.99 0.00	52.99 -1.75 0.00	44.55 -1.19 0.00	40.20 -1.20 0.00
PINELAWN_CC_I 323563	41.76 3.13 0.00	38.21 2.90 0.00	35.90 2.72 0.00	34.72 2.51 0.00	35.19 2.48 0.00	36.82 2.47 0.00	39.23 2.43 0.00	41.94 2.93 0.00	42.28 3.70 -0.01	41.01 3.59 -0.01	43.60 3.84 -0.98	45.27 4.30 -0.38	47.70 4.65 -0.02	52.23 4.84 -3.04	57.31 5.13 -4.67	65.08 5.30 -8.79	64.88 6.14 -2.88	76.44 7.84 -2.11	76.54 7.25 -1.53	83.82 6.88 -8.78	68.17 5.84 -0.24	60.29 5.31 -0.24	50.23 4.48 -0.01	45.50 4.10 -0.01
PJM_GEN_HTP_PROXY 323702	40.83 2.20 0.00	37.36 2.05 0.00	35.04 1.86 0.00	33.98 1.77 0.00	34.41 1.70 0.00	35.96 1.61 0.00	38.56 1.77 0.00	41.27 2.26 0.00	41.31 2.74 0.00	40.11 2.70 0.00	41.81 3.03 -0.01	44.10 3.49 -0.03	50.74 3.87 -3.83	58.80 4.04 -10.41	59.39 4.37 -7.52	59.76 4.59 -4.19	65.21 5.42 -3.94	73.14 6.65 0.00	73.72 5.96 0.01	73.80 5.65 0.01	66.88 4.78 0.00	58.95 4.22 0.01	49.37 3.29 -0.33	44.17 3.11 0.34
PJM_GEN_KEystone 24065	37.93 -0.69 0.00	34.61 -0.71 0.00	32.48 -0.70 0.00	31.53 -0.68 0.00	31.92 -0.79 0.00	33.42 -0.93 0.00	35.73 -1.07 0.00	37.99 -1.01 0.00	37.55 -0.85 0.17	36.61 -0.71 0.09	38.08 -0.70 0.00	40.06 -0.53 0.00	42.72 -0.56 -0.24	44.50 -0.58 -0.72	47.59 -0.19 -0.27	49.65 -0.51 0.82	54.14 -0.28 1.43	64.00 0.27 2.76	65.29 -0.61 1.86	65.70 -0.81 1.64	60.11 -0.68 1.31	52.79 -0.88 1.07	44.81 -0.78 0.15	39.82 -0.87 0.71
PJM_GEN_NEPTUNE_PROXY 323594	41.22 2.59 0.00	37.72 2.40 0.00	35.44 2.26 0.00	34.30 2.09 0.00	34.73 2.03 0.00	36.34 1.99 0.00	38.75 1.95 0.00	41.43 2.42 0.00	41.70 3.12 -0.01	40.49 3.07 -0.01	43.05 3.29 -0.98	44.66 3.69 -0.38	47.10 4.04 -0.02	50.56 4.22 -1.99	52.64 4.61 -0.52	56.72 4.74 -0.99	61.65 5.48 -0.32	73.70 6.98 -0.23	74.29 6.37 -0.16	75.27 6.14 -0.98	67.27 5.15 -0.02	59.41 4.65 -0.01	49.87 3.79 -0.34	44.59 3.52 0.33
PJM_GEN_VFT_PROXY 323633	40.63 2.01 0.01	37.18 1.87 0.01	34.86 1.69 0.01	33.83 1.64 0.02	34.26 1.57 0.02	35.81 1.48 0.02	38.40 1.62 0.02	41.10 2.11 0.02	38.65 2.55 2.47	38.65 2.55 1.31	41.65 2.87 0.00	43.94 3.33 -0.02	50.63 3.70 -3.89	58.80 3.86 -10.59	59.33 4.18 -7.64	59.57 4.33 -4.25	63.76 5.14 -2.77	71.30 6.32 1.52	71.94 5.62 1.44	72.02 5.32 1.46	66.15 4.41 0.36	58.67 3.94 0.02	49.17 3.11 -0.33	43.99 2.94 0.34
PLATSBURG_115KV_PMLD1 355749	38.28 -0.35 0.00	34.89 -0.42 0.00	32.95 -0.23 0.00	32.02 -0.19 0.00	32.54 -0.16 0.00	34.28 -0.07 0.00	36.80 0.00 0.00	39.09 0.08 0.00	38.57 0.00 0.00	37.45 0.04 0.00	38.78 0.00 0.00	40.71 0.12 0.00	43.17 0.13 0.00	44.36 0.00 0.00	47.51 0.00 0.00	50.98 0.00 0.00	55.80 -0.06 0.00	66.56 0.07 0.00	67.83 0.07 0.00	68.29 0.14 0.00	62.16 0.06 0.00	54.63 -0.11 0.00	45.69 -0.05 0.00	41.23 -0.17 0.00
PLEASANTVLY____LBMP 24000	40.29 1.66 0.00	36.90 1.59 0.00	34.61 1.43 0.00	33.63 1.42 0.00	34.01 1.31 0.00	35.58 1.24 0.00	38.16 1.36 0.00	40.69 1.68 0.00	40.54 1.97 0.00	39.32 1.91 0.00	40.95 2.17 0.00	43.10 2.52 0.00	45.88 2.84 0.00	47.20 2.84 0.00	50.64 3.14 0.00	54.24 3.26 0.00	59.76 3.91 0.00	71.34 4.85 0.00	72.09 4.34 0.01	72.23 4.09 0.01	65.58 3.48 0.00	57.75 3.01 0.01	48.21 2.47 0.00	43.71 2.32 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	40.64 2.01 0.00	37.19 1.87 0.00	34.87 1.69 0.00	33.88 1.67 0.00	34.28 1.57 0.00	35.86 1.51 0.00	38.45 1.66 0.00	41.04 2.03 0.00	41.00 2.43 0.00	39.80 2.39 0.00	41.49 2.71 0.00	43.67 3.08 0.00	46.52 3.49 0.00	47.91 3.55 0.00	51.40 3.90 0.00	55.11 4.13 0.00	60.77 4.91 0.00	72.61 6.12 0.00	73.24 5.49 0.01	73.32 5.18 0.01	66.38 4.28 0.00	58.46 3.72 0.01	48.76 3.02 0.00	44.21 2.82 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	40.64 2.01 0.00	37.19 1.87 0.00	34.87 1.69 0.00	33.88 1.67 0.00	34.28 1.57 0.00	35.86 1.51 0.00	38.45 1.66 0.00	41.04 2.03 0.00	41.00 2.43 0.00	39.80 2.39 0.00	41.49 2.71 0.00	43.67 3.08 0.00	46.52 3.49 0.00	47.91 3.55 0.00	51.40 3.90 0.00	55.11 4.13 0.00	60.77 4.91 0.00	72.61 6.12 0.00	73.24 5.49 0.01	73.32 5.18 0.01	66.38 4.28 0.00	58.46 3.72 0.01	48.76 3.02 0.00	44.21 2.82 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	40.56 1.93 0.00	37.12 1.80 0.00	34.77 1.59 0.00	33.79 1.58 0.00	34.18 1.47 0.00	35.79 1.44 0.00	38.34 1.55 0.00	40.88 1.87 0.00	40.65 2.08 0.00	39.36 1.95 0.00	40.99 2.21 0.00	43.10 2.52 0.00	45.92 2.88 0.00	47.28 2.93 0.00	50.83 3.33 0.00	54.45 3.47 0.00	59.93 4.08 0.00	71.61 5.12 0.00	72.29 4.54 0.01	72.50 4.36 0.01	66.01 3.91 0.00	58.07 3.34 0.01	48.44 2.70 0.00	43.92 2.53 0.00
POLETTI____ 23519	40.83 2.20 0.00	37.40 2.08 0.00	35.04 1.86 0.00	34.04 1.84 0.00	34.44 1.73 0.00	35.96 1.61 0.00	38.60 1.80 0.00	41.27 2.26 0.00	41.27 2.70 0.00	40.07 2.66 0.00	41.85 3.06 -0.01	44.06 3.45 -0.03	50.84 3.87 -3.93	58.98 3.95 -10.68	59.54 4.32 -7.71	59.81 4.54 -4.29	65.26 5.36 -4.04	73.07 6.58 0.00	73.71 5.96 0.01	73.73 5.59 0.01	66.76 4.66 0.00	58.90 4.16 0.01	49.03 3.29 0.00	44.50 3.10 0.00

POMONA___ESR 323819	40.48 1.85 0.00	37.04 1.73 0.00	34.74 1.56 0.00	33.69 1.48 0.00	34.14 1.44 0.00	35.72 1.38 0.00	38.31 1.51 0.00	40.92 1.91 0.00	40.81 2.24 0.00	39.58 2.17 0.00	41.22 2.44 0.00	43.43 2.84 0.00	46.22 3.18 0.00	47.69 3.33 0.00	51.21 3.71 0.00	54.85 3.87 0.00	60.43 4.58 0.00	72.21 5.72 0.00	72.84 5.08 0.01	72.98 4.84 0.01	66.26 4.16 0.00	58.29 3.56 0.01	48.62 2.88 0.00	44.05 2.65 0.00
PORT_JEFF_3 23555	41.76 3.13 0.00	38.35 3.04 0.00	36.13 2.95 0.00	34.95 2.74 0.00	35.32 2.62 0.00	36.95 2.61 0.00	39.34 2.54 0.00	41.94 2.93 0.00	42.40 3.82 -0.01	41.12 3.70 -0.01	43.63 3.88 -0.98	45.19 4.22 -0.38	47.61 4.56 -0.02	51.44 4.66 -2.42	54.68 4.94 -2.23	60.13 4.94 -4.20	63.03 5.81 -1.37	74.68 7.18 -1.00	74.99 6.51 -0.73	78.41 6.06 -4.19	67.30 5.09 -0.11	59.78 4.93 -0.10	50.09 4.35 -0.01	45.42 4.01 -0.01
PORT_JEFF_4 23616	41.76 3.13 0.00	38.35 3.04 0.00	36.13 2.95 0.00	34.95 2.74 0.00	35.32 2.62 0.00	36.95 2.61 0.00	39.34 2.54 0.00	41.94 2.93 0.00	42.40 3.82 -0.01	41.12 3.70 -0.01	43.63 3.88 -0.98	45.19 4.22 -0.38	47.61 4.56 -0.02	51.44 4.66 -2.42	54.68 4.94 -2.23	60.13 4.94 -4.20	63.03 5.81 -1.37	74.68 7.18 -1.00	74.99 6.51 -0.73	78.41 6.06 -4.19	67.30 5.09 -0.11	59.78 4.93 -0.10	50.09 4.35 -0.01	45.42 4.01 -0.01
PORT_JEFF_IC 23713	41.84 3.21 0.00	38.56 3.25 0.00	36.20 3.02 0.00	35.08 2.87 0.00	35.39 2.68 0.00	37.02 2.68 0.00	39.45 2.65 0.00	42.01 3.00 0.00	42.47 3.90 0.00	41.19 3.78 0.00	43.71 3.96 -0.98	45.15 4.18 -0.38	47.66 4.60 -0.02	51.41 4.61 -2.44	54.85 5.04 -2.31	60.49 5.15 -4.36	63.42 6.14 -1.42	75.05 7.51 -1.04	75.42 6.91 -0.75	78.84 6.34 -4.34	67.43 5.22 -0.11	59.72 4.87 -0.11	50.17 4.44 0.00	45.49 4.10 0.00
PPL PILGRIM_ST_GT1 24216	41.99 3.36 0.00	38.46 3.14 0.00	36.17 2.99 0.00	34.98 2.77 0.00	35.42 2.71 0.00	37.06 2.71 0.00	39.45 2.65 0.00	42.13 3.12 0.00	42.55 3.97 -0.01	41.27 3.85 -0.01	43.87 4.11 -0.98	45.51 4.54 -0.38	47.96 4.90 -0.02	51.94 5.05 -2.53	55.43 5.27 -2.65	61.37 5.40 -4.99	63.57 6.09 -1.63	75.46 7.78 -1.19	75.80 7.18 -0.86	79.88 6.75 -4.98	67.94 5.71 -0.13	60.24 5.37 -0.13	50.46 4.71 -0.01	45.71 4.31 -0.01
PPL PILGRIM_ST_GT2 24217	41.99 3.36 0.00	38.46 3.14 0.00	36.17 2.99 0.00	34.98 2.77 0.00	35.42 2.71 0.00	37.06 2.71 0.00	39.45 2.65 0.00	42.13 3.12 0.00	42.55 3.97 -0.01	41.27 3.85 -0.01	43.87 4.11 -0.98	45.51 4.54 -0.38	47.96 4.90 -0.02	51.94 5.05 -2.53	55.43 5.27 -2.65	61.37 5.40 -4.99	63.57 6.09 -1.63	75.46 7.78 -1.19	75.80 7.18 -0.86	79.88 6.75 -4.98	67.94 5.71 -0.13	60.24 5.37 -0.13	50.46 4.71 -0.01	45.71 4.31 -0.01
PPL_SHRM_GT3 24213	41.53 2.90 0.00	38.42 3.11 0.00	36.37 3.19 0.00	35.20 3.00 0.00	35.42 2.71 0.00	37.06 2.71 0.00	39.45 2.65 0.00	41.82 2.81 0.00	42.32 3.74 -0.01	41.01 3.59 -0.01	43.52 3.76 -0.98	45.15 4.18 -0.38	47.31 4.26 -0.02	51.09 4.30 -2.43	54.30 4.52 -2.27	59.80 4.54 -4.28	62.73 5.48 -1.40	74.56 7.04 -1.02	74.86 6.37 -0.74	78.21 5.79 -4.27	66.93 4.72 -0.11	59.23 4.38 -0.11	49.72 3.98 -0.01	45.26 3.85 -0.01
PPL_SHRM_GT4 24214	41.53 2.90 0.00	38.42 3.11 0.00	36.37 3.19 0.00	35.20 3.00 0.00	35.42 2.71 0.00	37.06 2.71 0.00	39.45 2.65 0.00	41.82 2.81 0.00	42.32 3.74 -0.01	41.01 3.59 -0.01	43.52 3.76 -0.98	45.15 4.18 -0.38	47.31 4.26 -0.02	51.09 4.30 -2.43	54.30 4.52 -2.27	59.80 4.54 -4.28	62.73 5.48 -1.40	74.56 7.04 -1.02	74.86 6.37 -0.74	78.21 5.79 -4.27	66.93 4.72 -0.11	59.23 4.38 -0.11	49.72 3.98 -0.01	45.26 3.85 -0.01
PROJECT___ORANGE 1 24174	38.13 -0.50 0.00	34.86 -0.46 0.00	32.75 -0.43 0.00	31.76 -0.45 0.00	32.28 -0.43 0.00	33.93 -0.41 0.00	36.32 -0.48 0.00	38.46 -0.55 0.00	37.99 -0.58 0.00	36.96 -0.45 0.00	38.27 -0.50 0.00	40.19 -0.65 -0.26	43.00 -0.69 -0.65	44.43 -0.62 -0.70	47.55 -0.67 -0.71	49.80 -0.61 0.57	54.01 -0.78 1.06	63.90 -1.13 1.47	65.43 -1.02 1.32	65.83 -0.95 1.37	60.04 -0.75 1.31	53.07 -0.71 0.96	44.56 -0.69 0.49	40.44 -0.62 0.33
PROJECT___ORANGE 2 24166	38.13 -0.50 0.00	34.86 -0.46 0.00	32.75 -0.43 0.00	31.76 -0.45 0.00	32.28 -0.43 0.00	33.93 -0.41 0.00	36.32 -0.48 0.00	38.46 -0.55 0.00	37.99 -0.58 0.00	36.96 -0.45 0.00	38.27 -0.50 0.00	40.19 -0.65 -0.26	43.00 -0.69 -0.65	44.43 -0.62 -0.70	47.55 -0.67 -0.71	49.80 -0.61 0.57	54.01 -0.78 1.06	63.90 -1.13 1.47	65.43 -1.02 1.32	65.83 -0.95 1.37	60.04 -0.75 1.31	53.07 -0.71 0.96	44.56 -0.69 0.49	40.44 -0.62 0.33
PUCKETT___SOLAR 323809	39.17 0.54 0.00	35.77 0.46 0.00	33.58 0.40 0.00	32.60 0.39 0.00	33.10 0.39 0.00	34.79 0.45 0.00	37.20 0.41 0.00	39.32 0.31 0.00	38.76 0.19 0.00	37.56 0.15 0.00	38.86 0.08 0.00	40.89 0.12 -0.18	43.64 0.13 -0.47	45.03 0.18 -0.50	48.53 0.43 -0.60	51.34 0.41 0.04	56.16 0.56 0.25	67.38 0.93 0.04	68.17 0.95 0.53	68.37 1.02 0.81	62.44 1.05 0.71	54.94 0.77 0.57	45.98 0.50 0.27	41.62 0.41 0.20
PYRITES___HYD 24023	38.28 -0.35 0.00	34.93 -0.39 0.00	32.88 -0.30 0.00	31.98 -0.23 0.00	32.54 -0.16 0.00	34.38 0.03 0.00	36.87 0.07 0.00	38.97 -0.04 0.00	38.22 -0.35 0.00	36.85 -0.56 0.00	38.16 -0.62 0.00	39.98 -0.61 0.00	42.26 -0.77 0.00	43.47 -0.89 0.00	46.60 -0.90 0.00	50.01 -0.97 0.00	54.73 -1.12 0.00	65.36 -1.13 0.00	66.88 -0.88 0.00	67.47 -0.68 0.00	61.42 -0.68 0.00	54.14 -0.60 0.00	45.46 -0.27 0.00	41.03 -0.37 0.00
QUAKERRD_115KV_BK1 80622	36.31 -2.32 0.00	33.09 -2.22 0.00	31.06 -2.12 0.00	30.08 -2.13 0.00	30.68 -2.03 0.00	32.18 -2.16 0.00	34.30 -2.50 0.00	36.36 -2.65 0.00	35.99 -2.58 0.00	35.13 -2.28 0.00	36.37 -2.40 0.00	37.91 -2.68 0.00	39.95 -3.06 0.03	41.60 -2.71 0.05	43.95 -3.18 0.38	46.25 -3.01 1.73	49.62 -3.69 2.55	58.00 -4.92 3.57	60.56 -4.07 3.14	60.54 -4.36 3.25	55.65 -3.29 3.15	49.35 -3.12 2.27	42.00 -2.56 1.18	38.04 -2.57 0.79
QUENSBRY_115KV_TB8 356137	41.33 2.70 0.00	37.86 2.54 0.00	35.57 2.39 0.00	34.37 2.16 0.00	34.96 2.26 0.00	36.78 2.44 0.00	39.15 2.36 0.00	41.35 2.34 0.00	40.50 1.93 0.00	38.94 1.53 0.00	40.06 1.28 0.00	42.01 1.42 0.00	44.46 1.42 0.00	45.82 1.46 0.00	49.36 1.85 0.00	53.17 2.19 0.00	58.20 2.35 0.00	69.62 3.13 0.00	71.89 4.13 0.00	72.52 4.36 0.00	66.63 4.53 0.00	59.01 4.27 0.00	49.08 3.34 0.00	44.55 3.15 0.00
RAMAPO___LBMP 323565	40.33 1.70 0.00	36.94 1.62 0.00	34.61 1.43 0.00	33.63 1.42 0.00	34.01 1.31 0.00	35.62 1.27 0.00	38.20 1.40 0.00	40.80 1.79 0.00	40.65 2.08 0.00	39.43 2.02 0.00	41.10 2.33 0.00	43.27 2.68 0.00	46.05 3.01 0.00	47.46 3.11 0.00	50.97 3.47 0.00	54.60 3.62 0.00	60.21 4.36 0.00	71.88 5.39 0.00	72.56 4.81 0.01	72.71 4.57 0.01	65.95 3.85 0.00	58.02 3.28 0.01	48.39 2.65 0.00	43.84 2.44 0.00

RANKINE_____	35.58	32.17	30.26	29.28	29.76	31.19	33.05	34.78	34.48	33.78	35.17	36.57	38.58	39.92	42.43	42.56	45.53	52.38	56.22	57.70	53.53	46.87	40.28	36.14
23646	-3.05	-3.14	-2.92	-2.93	-2.94	-3.16	-3.75	-4.21	-4.09	-3.63	-3.61	-4.02	-4.35	-4.39	-4.23	-5.05	-5.47	-5.65	-6.84	-7.02	-5.71	-5.47	-4.39	-4.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.11	0.05	0.84	3.38	4.85	8.46	4.69	3.43	2.86	2.40	1.07	0.83
RAVENSWOOD_GT2_1	40.83	37.36	35.04	34.04	34.44	35.99	38.60	41.27	41.27	40.07	41.85	44.06	50.85	59.02	59.57	59.83	65.27	73.07	73.65	73.66	66.76	58.90	49.03	44.50
24244	2.20	2.05	1.86	1.84	1.73	1.65	1.80	2.26	2.70	2.66	3.06	3.45	3.87	3.95	4.32	4.54	5.36	6.58	5.89	5.52	4.66	4.16	3.29	3.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.03	-3.94	-10.72	-7.74	-4.31	-4.06	0.00	0.01	0.01	0.00	0.01	0.00	0.00
RAVENSWOOD_GT2_2	40.83	37.36	35.04	34.04	34.44	35.99	38.60	41.27	41.27	40.07	41.85	44.06	50.85	59.02	59.57	59.83	65.27	73.07	73.65	73.66	66.76	58.90	49.03	44.50
24245	2.20	2.05	1.86	1.84	1.73	1.65	1.80	2.26	2.70	2.66	3.06	3.45	3.87	3.95	4.32	4.54	5.36	6.58	5.89	5.52	4.66	4.16	3.29	3.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.03	-3.94	-10.72	-7.74	-4.31	-4.06	0.00	0.01	0.01	0.00	0.01	0.00	0.00
RAVENSWOOD_GT2_3	40.83	37.40	35.07	34.08	34.44	35.99	38.60	41.27	41.31	40.10	41.89	44.11	50.85	59.07	59.61	59.88	65.33	73.14	73.71	73.73	66.82	58.90	49.08	44.54
24246	2.20	2.08	1.89	1.87	1.73	1.65	1.80	2.26	2.74	2.69	3.10	3.49	3.87	3.99	4.37	4.59	5.42	6.65	5.96	5.59	4.72	4.16	3.34	3.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.03	-3.94	-10.72	-7.74	-4.31	-4.06	0.00	0.01	0.01	0.00	0.01	0.00	0.00
RAVENSWOOD_GT2_4	40.83	37.40	35.07	34.08	34.44	35.99	38.60	41.27	41.31	40.10	41.89	44.11	50.85	59.07	59.61	59.88	65.33	73.14	73.71	73.73	66.82	58.90	49.08	44.54
24247	2.20	2.08	1.89	1.87	1.73	1.65	1.80	2.26	2.74	2.69	3.10	3.49	3.87	3.99	4.37	4.59	5.42	6.65	5.96	5.59	4.72	4.16	3.34	3.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.03	-3.94	-10.72	-7.74	-4.31	-4.06	0.00	0.01	0.01	0.00	0.01	0.00	0.00
RAVENSWOOD_GT3_1	40.83	37.40	35.04	34.04	34.44	35.99	38.60	41.27	41.27	40.07	41.85	44.06	50.85	59.02	59.57	59.83	65.27	73.07	73.65	73.73	66.76	58.90	49.03	44.50
24248	2.20	2.08	1.86	1.84	1.73	1.65	1.80	2.26	2.70	2.66	3.06	3.45	3.87	3.95	4.32	4.54	5.36	6.58	5.89	5.59	4.66	4.16	3.29	3.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.03	-3.94	-10.72	-7.74	-4.31	-4.06	0.00	0.01	0.01	0.00	0.01	0.00	0.00
RAVENSWOOD_GT3_2	40.83	37.40	35.04	34.04	34.44	35.99	38.60	41.27	41.27	40.07	41.85	44.06	50.85	59.02	59.57	59.83	65.27	73.07	73.65	73.73	66.76	58.90	49.03	44.50
24249	2.20	2.08	1.86	1.84	1.73	1.65	1.80	2.26	2.70	2.66	3.06	3.45	3.87	3.95	4.32	4.54	5.36	6.58	5.89	5.59	4.66	4.16	3.29	3.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.03	-3.94	-10.72	-7.74	-4.31	-4.06	0.00	0.01	0.01	0.00	0.01	0.00	0.00
RAVENSWOOD_GT3_3	40.87	37.43	35.07	34.11	34.47	36.03	38.64	41.31	41.35	40.14	41.93	44.15	50.94	59.11	59.66	59.93	65.38	73.21	73.78	73.80	66.88	58.95	49.12	44.58
24250	2.24	2.12	1.89	1.90	1.77	1.68	1.84	2.30	2.78	2.73	3.14	3.53	3.96	4.04	4.42	4.64	5.47	6.72	6.03	5.66	4.78	4.22	3.38	3.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.03	-3.94	-10.72	-7.74	-4.31	-4.06	0.00	0.01	0.01	0.00	0.01	0.00	0.00
RAVENSWOOD_GT3_4	40.87	37.43	35.07	34.11	34.47	36.03	38.64	41.31	41.35	40.14	41.93	44.15	50.94	59.11	59.66	59.93	65.38	73.21	73.78	73.80	66.88	58.95	49.12	44.58
24251	2.24	2.12	1.89	1.90	1.77	1.68	1.84	2.30	2.78	2.73	3.14	3.53	3.96	4.04	4.42	4.64	5.47	6.72	6.03	5.66	4.78	4.22	3.38	3.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.03	-3.94	-10.72	-7.74	-4.31	-4.06	0.00	0.01	0.01	0.00	0.01	0.00	0.00
RAVENSWOOD_GT_1	40.87	37.40	35.14	34.14	34.51	35.99	38.57	41.23	41.27	40.10	41.97	44.15	50.94	59.07	59.61	59.88	65.22	72.94	73.44	73.45	66.50	58.84	49.08	44.63
23729	2.24	2.08	1.96	1.93	1.80	1.65	1.77	2.22	2.70	2.69	3.18	3.53	3.96	3.99	4.37	4.59	5.31	6.45	5.69	5.32	4.41	4.11	3.34	3.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.03	-3.94	-10.72	-7.74	-4.31	-4.06	0.00	0.01	0.02	0.01	0.01	0.00	0.00
RAVENSWOOD_GT_10	40.83	37.40	35.04	34.04	34.44	35.99	38.60	41.27	41.27	40.10	41.85	44.06	50.85	59.02	59.57	59.83	65.27	73.14	73.71	73.73	66.76	58.90	49.03	44.50
24258	2.20	2.08	1.86	1.84	1.73	1.65	1.80	2.26	2.70	2.69	3.06	3.45	3.87	3.95	4.32	4.54	5.36	6.65	5.96	5.59	4.66	4.16	3.29	3.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.03	-3.94	-10.72	-7.74	-4.31	-4.06	0.00	0.01	0.01	0.00	0.01	0.00	0.00
RAVENSWOOD_GT_11	40.83	37.40	35.04	34.04	34.44	35.99	38.60	41.27	41.27	40.10	41.85	44.06	50.85	59.02	59.57	59.83	65.27	73.14	73.71	73.73	66.76	58.90	49.03	44.50
24259	2.20	2.08	1.86	1.84	1.73	1.65	1.80	2.26	2.70	2.69	3.06	3.45	3.87	3.95	4.32	4.54	5.36	6.65	5.96	5.59	4.66	4.16	3.29	3.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.03	-3.94	-10.72	-7.74	-4.31	-4.06	0.00	0.01	0.01	0.00	0.01	0.00	0.00
RAVENSWOOD_GT_4	40.83	37.36	35.07	34.08	34.44	35.96	38.57	41.23	41.27	40.07	41.89	44.11	50.85	59.02	59.57	59.83	65.22	73.01	73.58	73.60	66.64	58.84	49.03	44.54
24252	2.20	2.05	1.89	1.87	1.73	1.61	1.77	2.22	2.70	2.66	3.10	3.49	3.87	3.95	4.32	4.54	5.31	6.52	5.83	5.45	4.53	4.11	3.29	3.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.03	-3.94	-10.72	-7.74	-4.31	-4.06	0.00	0.01	0.00	-0.01	0.01	0.00	0.00
RAVENSWOOD_GT_5	40.83	37.36	35.07	34.08	34.44	35.96	38.57	41.23	41.27	40.07	41.89	44.11	50.85	59.02	59.57	59.83	65.22	73.01	73.58	73.60	66.64	58.84	49.03	44.54
24254	2.20	2.05	1.89	1.87	1.73	1.61	1.77	2.22	2.70	2.66	3.10	3.49	3.87	3.95	4.32	4.54	5.31	6.52	5.83	5.45	4.53	4.11	3.29	3.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.03	-3.94	-10.72	-7.74	-4.31	-4.06	0.00	0.01	0.00	-0.01	0.01	0.00	0.00
RAVENSWOOD_GT_6	40.83	37.36	35.07	34.08	34.44	35.96	38.57	41.23	41.27	40.07	41.89	44.11	50.85	59.02	59.57	59.83	65.22	73.01	73.58	73.60	66.64	58.84	49.03	44.54
24253	2.20	2.05	1.89	1.87	1.73	1.61	1.77	2.22	2.70	2.66	3.10	3.49	3.87	3.95	4.32	4.54	5.31	6.52	5.83	5.45	4.53	4.11	3.29	3.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.03	-3.94	-10.72	-7.74	-4.31	-4.06	0.00	0.01	0.00	-0.01	0.01	0.00	0.00

RAVENSWOOD_GT_7 24255	40.83 2.20 0.00	37.36 2.05 0.00	35.07 1.89 0.00	34.08 1.87 0.00	34.44 1.73 0.00	35.96 1.61 0.00	38.57 1.77 0.00	41.23 2.22 0.00	41.27 2.70 0.00	40.07 2.66 0.00	41.89 3.10 -0.01	44.11 3.49 -0.03	50.85 3.87 -3.94	59.02 3.95 -10.72	59.57 4.32 -7.74	59.83 4.54 -4.31	65.22 5.31 -4.06	73.01 6.52 0.00	73.58 5.83 0.01	73.60 5.45 0.00	66.64 4.53 -0.01	58.84 4.11 0.01	49.03 3.29 0.00	44.54 3.15 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	40.83 2.20 0.00	37.40 2.08 0.00	35.04 1.86 0.00	34.04 1.84 0.00	34.44 1.73 0.00	35.99 1.65 0.00	38.60 1.80 0.00	41.27 2.26 0.00	41.27 2.70 0.00	40.10 2.69 0.00	41.85 3.06 -0.01	44.06 3.45 -0.03	50.85 3.87 -3.94	59.02 3.95 -10.72	59.57 4.32 -7.74	59.83 4.54 -4.31	65.27 5.36 -4.06	73.14 6.65 0.00	73.71 5.96 0.01	73.73 5.59 0.01	66.76 4.66 0.00	58.90 4.16 0.01	49.03 3.29 0.00	44.50 3.10 0.00
RAVENSWOOD_GT_9 24257	40.83 2.20 0.00	37.40 2.08 0.00	35.04 1.86 0.00	34.04 1.84 0.00	34.44 1.73 0.00	35.99 1.65 0.00	38.60 1.80 0.00	41.27 2.26 0.00	41.27 2.70 0.00	40.10 2.69 0.00	41.85 3.06 -0.01	44.06 3.45 -0.03	50.85 3.87 -3.94	59.02 3.95 -10.72	59.57 4.32 -7.74	59.83 4.54 -4.31	65.27 5.36 -4.06	73.14 6.65 0.00	73.71 5.96 0.01	73.73 5.59 0.01	66.76 4.66 0.00	58.90 4.16 0.01	49.03 3.29 0.00	44.50 3.10 0.00
RAVENSWOOD___1 23533	40.83 2.20 0.00	37.36 2.05 0.00	35.10 1.92 0.00	34.04 1.83 0.00	34.47 1.76 0.00	35.96 1.61 0.00	38.53 1.73 0.00	41.23 2.22 0.00	41.27 2.70 0.00	40.07 2.66 0.00	41.89 3.10 -0.01	44.14 3.53 -0.03	50.86 3.87 -3.94	59.07 3.99 -10.72	59.61 4.37 -7.74	59.83 4.54 -4.31	65.10 5.20 -4.06	72.87 6.38 0.00	73.37 5.62 0.01	73.38 5.25 0.02	66.50 4.41 0.01	58.89 4.16 0.01	49.07 3.34 0.00	44.58 3.19 0.00
RAVENSWOOD___2 23534	40.83 2.20 0.00	37.36 2.05 0.00	35.10 1.92 0.00	34.04 1.83 0.00	34.47 1.76 0.00	35.96 1.61 0.00	38.53 1.73 0.00	41.11 2.11 0.00	41.20 2.62 0.00	39.99 2.58 0.00	41.81 3.03 -0.01	44.06 3.45 -0.03	50.77 3.79 -3.94	58.98 3.90 -10.72	59.52 4.28 -7.74	59.73 4.43 -4.31	64.83 4.92 -4.06	72.48 5.99 0.00	72.90 5.15 0.01	72.98 4.84 0.02	66.13 4.03 0.01	58.79 4.05 0.01	48.99 3.25 0.00	44.50 3.11 0.00
RAVENSWOOD___3 23535	40.83 2.20 0.00	37.36 2.05 0.00	35.04 1.86 0.00	33.98 1.77 0.00	34.44 1.73 0.00	35.99 1.65 0.00	38.56 1.77 0.00	41.27 2.26 0.00	41.27 2.70 0.00	40.07 2.66 0.00	41.81 3.03 -0.01	44.11 3.49 -0.03	50.81 3.83 -3.94	59.07 3.99 -10.72	59.57 4.32 -7.74	59.83 4.54 -4.31	65.22 5.31 -4.06	73.08 6.58 0.00	73.58 5.83 0.01	73.66 5.52 0.01	66.76 4.66 0.00	58.89 4.16 0.01	49.03 3.29 0.00	44.50 3.11 0.00
RAVENSWOOD___4 23820	40.79 2.16 0.00	37.36 2.05 0.00	35.10 1.92 0.00	34.01 1.80 0.00	34.47 1.76 0.00	35.96 1.61 0.00	38.49 1.69 0.00	41.19 2.18 0.00	41.23 2.66 0.00	40.07 2.66 0.00	41.85 3.06 -0.01	44.14 3.53 -0.03	50.86 3.87 -3.94	59.07 3.99 -10.72	59.57 4.32 -7.74	59.83 4.54 -4.31	65.10 5.20 -4.06	72.87 6.38 0.00	73.31 5.56 0.01	73.38 5.25 0.02	66.44 4.35 0.01	58.84 4.11 0.01	49.03 3.29 0.00	44.58 3.19 0.00
RCPL_TRUST___DRP 24196	40.87 2.24 0.00	37.43 2.12 0.00	35.07 1.89 0.00	34.08 1.87 0.00	34.47 1.77 0.00	36.03 1.68 0.00	38.68 1.88 0.00	41.35 2.34 0.00	41.39 2.82 0.00	40.18 2.77 0.00	41.97 3.18 -0.01	44.19 3.57 -0.03	50.87 4.00 -3.83	58.85 4.08 -10.41	59.54 4.51 -7.52	59.91 4.74 -4.19	65.38 5.59 -3.94	73.34 6.85 0.00	73.92 6.17 0.01	73.94 5.79 0.01	67.00 4.91 0.00	59.00 4.27 0.01	49.12 3.38 0.00	44.58 3.19 0.00
RED___ROCHESTER 323720	37.08 -1.55 0.00	33.76 -1.55 0.00	31.66 -1.53 0.00	30.82 -1.38 0.00	31.30 -1.41 0.00	32.83 -1.51 0.00	34.88 -1.92 0.00	37.02 -1.99 0.00	36.68 -1.89 0.00	35.84 -1.57 0.00	37.00 -1.78 0.00	38.76 -1.83 0.00	40.94 -2.06 0.03	42.31 -2.00 0.05	45.03 -2.09 0.39	47.47 -1.73 1.78	50.88 -2.34 2.63	59.56 -3.26 3.68	62.21 -2.30 3.24	61.93 -2.86 3.36	57.05 -1.80 3.25	50.43 -1.97 2.35	42.97 -1.56 1.21	38.84 -1.74 0.82
REGAN___SOLAR 323812	40.75 2.12 0.00	37.33 2.01 0.00	35.04 1.86 0.00	33.91 1.71 0.00	34.47 1.76 0.00	36.27 1.92 0.00	38.46 1.66 0.00	40.29 1.29 0.00	39.19 0.62 0.00	37.56 0.15 0.00	38.82 0.04 0.00	40.83 0.24 0.00	43.47 0.43 0.00	45.02 0.67 0.00	48.41 0.90 0.00	52.26 1.28 0.00	57.52 1.67 0.00	69.02 2.53 0.00	70.87 3.12 0.01	71.82 3.68 0.01	65.70 3.60 0.00	58.02 3.28 0.01	48.39 2.65 0.00	43.88 2.48 0.00
RENSSELAER___COGEN 23796	39.13 0.50 0.00	35.88 0.56 0.00	33.68 0.50 0.00	32.63 0.42 0.00	33.13 0.42 0.00	34.76 0.41 0.00	37.09 0.29 0.00	39.28 0.27 0.00	38.84 0.27 0.00	37.56 0.15 0.00	38.89 0.12 0.00	40.79 0.20 0.00	43.30 0.26 0.00	44.67 0.31 0.00	47.75 0.24 0.00	51.19 0.20 0.00	56.08 0.22 0.00	66.76 0.27 0.00	68.10 0.34 0.00	68.50 0.34 0.00	62.35 0.25 0.00	55.13 0.39 0.00	46.15 0.41 0.00	41.98 0.58 0.00
REPUBLIC_115KV_BARTNBRK 55605	43.07 4.44 0.00	39.52 4.20 0.00	37.10 3.92 0.00	35.78 3.58 0.00	36.43 3.73 0.00	38.40 4.05 0.00	40.74 3.94 0.00	42.91 3.90 0.00	41.77 3.20 0.00	40.03 2.62 0.00	41.10 2.33 0.00	43.10 2.52 0.00	45.66 2.63 0.00	47.28 2.93 0.00	50.97 3.47 0.00	55.06 4.08 0.00	60.32 4.47 0.00	72.34 5.85 0.00	74.80 7.05 0.00	75.72 7.57 0.00	69.74 7.64 0.00	61.91 7.17 0.00	51.36 5.63 0.00	46.57 5.17 0.00
REVERE_CPPR_DRP 24186	39.36 0.73 0.00	36.06 0.74 0.00	33.84 0.66 0.00	32.89 0.68 0.00	33.52 0.82 0.00	35.34 1.00 0.00	37.87 1.07 0.00	39.98 0.98 0.00	39.34 0.77 0.00	38.05 0.64 0.00	39.44 0.66 0.00	41.34 0.61 -0.14	44.05 0.65 -0.37	45.55 0.80 -0.40	48.93 1.00 -0.42	51.68 0.92 0.22	56.58 1.17 0.44	67.34 1.46 0.61	68.97 1.76 0.55	69.35 1.77 0.57	63.10 1.55 0.55	55.66 1.31 0.40	46.54 1.01 0.21	42.21 0.95 0.14
REYNLDDPA_13_KV_LD 356490	38.51 -0.12 0.00	35.14 -0.18 0.00	33.08 -0.10 0.00	32.14 -0.06 0.00	32.64 -0.07 0.00	34.41 0.07 0.00	36.95 0.15 0.00	39.13 0.12 0.00	38.61 0.04 0.00	37.45 0.04 0.00	38.82 0.04 0.00	40.71 0.12 0.00	43.17 0.13 0.00	44.40 0.04 0.00	47.51 0.00 0.00	51.03 0.05 0.00	55.29 -0.56 0.00	65.89 -0.60 0.00	67.15 -0.61 0.00	67.54 -0.61 0.00	61.48 -0.62 0.00	54.25 -0.49 0.00	45.78 0.05 0.00	41.32 -0.08 0.00
REYNOLDS_115KV_TB3 80639	39.40 0.77 0.00	36.09 0.78 0.00	33.88 0.70 0.00	32.89 0.68 0.00	33.36 0.65 0.00	35.00 0.65 0.00	37.35 0.55 0.00	39.52 0.51 0.00	39.03 0.46 0.00	37.75 0.34 0.00	39.13 0.35 0.00	41.03 0.45 0.00	43.47 0.43 0.00	44.80 0.44 0.00	48.03 0.52 0.00	51.44 0.46 0.00	56.35 0.50 0.00	67.09 0.60 0.00	68.44 0.68 0.00	68.84 0.68 0.00	62.66 0.56 0.00	55.45 0.71 0.00	46.38 0.64 0.00	42.23 0.83 0.00

RIVERBAY____ 323610	41.57 2.94 0.00	38.03 2.72 0.00	35.84 2.65 -0.01	34.79 2.58 0.00	35.16 2.45 0.00	36.51 2.16 0.00	39.01 2.21 0.00	41.74 2.73 0.00	41.77 3.20 0.00	40.55 3.14 0.00	42.51 3.72 -0.01	44.63 4.02 -0.03	47.49 4.43 -0.02	59.60 4.52 -10.72	60.23 4.99 -7.74	60.49 5.20 -4.31	61.96 6.09 -0.02	73.87 7.38 0.00	74.32 6.57 0.01	74.34 6.20 0.02	67.37 5.28 0.01	59.61 4.87 0.01	49.81 4.07 0.00	45.49 4.10 0.00
RIVERSDE_115KV_TB3 55908	39.32 0.70 0.00	36.02 0.71 0.00	33.81 0.63 0.00	32.79 0.58 0.00	33.26 0.56 0.00	34.93 0.58 0.00	37.28 0.48 0.00	39.44 0.43 0.00	38.96 0.39 0.00	37.67 0.26 0.00	39.05 0.27 0.00	40.95 0.37 0.00	43.42 0.39 0.00	44.76 0.40 0.00	47.93 0.43 0.00	51.39 0.41 0.00	56.30 0.45 0.00	67.02 0.53 0.00	68.37 0.61 0.00	68.77 0.61 0.00	62.60 0.50 0.00	55.34 0.60 0.00	46.33 0.59 0.00	42.14 0.75 0.00
ROARING__BROOK_WT_PWR 323790	38.09 -0.54 0.00	34.85 -0.46 0.00	32.82 -0.36 0.00	31.92 -0.29 0.00	32.48 -0.23 0.00	34.17 -0.17 0.00	36.62 -0.18 0.00	38.81 -0.19 0.00	38.42 -0.15 0.00	37.26 -0.15 0.00	38.62 -0.15 0.00	40.43 -0.16 0.00	42.82 -0.21 0.00	44.14 -0.22 0.00	47.22 -0.28 0.00	50.68 -0.30 0.00	55.46 -0.39 0.00	66.03 -0.46 0.00	67.29 -0.47 0.00	67.61 -0.55 0.00	61.42 -0.68 0.00	54.03 -0.71 0.00	45.10 -0.64 0.00	40.82 -0.58 0.00
ROCHESRG_115KV_T4 355643	36.66 -1.97 0.00	33.34 -1.98 0.00	31.32 -1.86 0.00	30.34 -1.87 0.00	30.94 -1.77 0.00	32.46 -1.89 0.00	34.52 -2.28 0.00	36.59 -2.42 0.00	36.22 -2.35 0.00	35.35 -2.06 0.00	36.65 -2.13 0.00	38.15 -2.44 0.00	40.16 -2.84 0.04	41.91 -2.40 0.05	44.14 -2.90 0.47	46.25 -2.65 2.08	49.51 -3.30 3.05	57.42 -4.52 4.55	60.63 -3.59 3.54	60.84 -3.88 3.42	56.04 -2.73 3.33	49.67 -2.68 2.39	42.35 -2.15 1.24	38.29 -2.28 0.84
ROCHESTER_9_IC 23652	36.89 -1.74 0.00	33.58 -1.73 0.00	31.56 -1.63 0.00	30.53 -1.67 0.00	31.17 -1.54 0.00	32.70 -1.65 0.00	34.74 -2.06 0.00	36.86 -2.15 0.00	36.49 -2.08 0.00	35.65 -1.76 0.00	36.96 -1.82 0.00	38.52 -2.07 0.00	40.56 -2.45 0.03	42.31 -2.00 0.05	44.65 -2.47 0.39	47.01 -2.19 1.78	50.44 -2.79 2.62	58.90 -3.92 3.67	61.61 -2.91 3.24	61.52 -3.27 3.36	56.68 -2.17 3.25	50.21 -2.19 2.34	42.74 -1.78 1.21	38.63 -1.95 0.82
ROCKVIEW_13_KV_LD 356306	40.83 2.20 0.00	37.36 2.05 0.00	35.04 1.86 0.00	34.01 1.80 0.00	34.41 1.70 0.00	35.99 1.65 0.00	38.60 1.80 0.00	41.27 2.26 0.00	41.27 2.70 0.00	40.03 2.62 0.00	41.76 2.99 0.00	44.00 3.41 0.00	46.82 3.79 0.00	48.26 3.90 0.00	51.78 4.28 0.00	55.52 4.54 0.00	61.27 5.42 0.00	73.21 6.72 0.00	73.78 6.03 0.01	73.87 5.72 0.01	66.88 4.78 0.00	58.90 4.16 0.01	49.08 3.34 0.00	44.50 3.10 0.00
ROME____115KV_TB2 80656	39.36 0.73 0.00	36.06 0.74 0.00	33.84 0.66 0.00	32.89 0.68 0.00	33.52 0.82 0.00	35.34 1.00 0.00	37.87 1.07 0.00	39.98 0.98 0.00	39.34 0.77 0.00	38.05 0.64 0.00	39.44 0.66 0.00	41.34 0.61 -0.14	44.05 0.65 -0.37	45.55 0.80 -0.40	48.93 1.00 -0.42	51.68 0.92 0.22	56.58 1.17 0.44	67.34 1.46 0.61	68.97 1.76 0.55	69.35 1.77 0.57	63.10 1.55 0.55	55.66 1.31 0.40	46.54 1.01 0.21	42.21 0.95 0.14
ROSETON__1 23587	40.29 1.66 0.00	36.87 1.55 0.00	34.61 1.43 0.00	33.56 1.35 0.00	34.02 1.31 0.00	35.58 1.23 0.00	38.12 1.32 0.00	40.68 1.68 0.00	40.58 2.00 0.00	39.32 1.91 0.00	40.95 2.17 0.00	43.10 2.52 0.00	45.88 2.84 0.00	47.28 2.93 0.00	50.74 3.23 0.00	54.29 3.31 0.00	59.82 3.97 0.00	71.41 4.92 0.00	72.15 4.40 0.01	72.30 4.16 0.01	65.64 3.54 0.00	57.85 3.12 0.01	48.21 2.47 0.00	43.75 2.36 0.00
ROSETON__2 23588	40.29 1.66 0.00	36.87 1.55 0.00	34.61 1.43 0.00	33.56 1.35 0.00	34.02 1.31 0.00	35.58 1.23 0.00	38.12 1.32 0.00	40.68 1.68 0.00	40.58 2.00 0.00	39.32 1.91 0.00	40.95 2.17 0.00	43.10 2.52 0.00	45.88 2.84 0.00	47.28 2.93 0.00	50.74 3.23 0.00	54.29 3.31 0.00	59.82 3.97 0.00	71.41 4.92 0.00	72.15 4.40 0.01	72.30 4.16 0.01	65.64 3.54 0.00	57.85 3.12 0.01	48.21 2.47 0.00	43.75 2.36 0.00
ROTTDRAM_115KV_TB3 80664	39.60 0.97 0.00	36.23 0.92 0.00	34.04 0.86 0.00	33.01 0.81 0.00	33.49 0.78 0.00	35.17 0.82 0.00	37.57 0.77 0.00	39.75 0.74 0.00	39.23 0.66 0.00	37.93 0.52 0.00	39.32 0.54 0.00	41.24 0.65 0.00	43.73 0.69 0.00	45.07 0.71 0.00	48.31 0.81 0.00	51.85 0.87 0.00	56.91 1.06 0.00	67.82 1.33 0.00	69.18 1.42 0.00	69.65 1.50 0.00	63.47 1.37 0.00	56.06 1.31 0.00	46.84 1.10 0.00	42.52 1.12 0.00
RUSSELL__1 23602	37.08 -1.55 0.00	33.73 -1.59 0.00	31.65 -1.53 0.00	30.66 -1.55 0.00	31.30 -1.41 0.00	32.83 -1.51 0.00	34.89 -1.91 0.00	37.02 -1.99 0.00	36.68 -1.89 0.00	35.84 -1.57 0.00	37.19 -1.59 0.00	38.72 -1.87 0.00	40.77 -2.24 0.03	42.58 -1.73 0.05	44.93 -2.19 0.39	47.37 -1.84 1.78	50.82 -2.40 2.63	59.42 -3.39 3.68	62.01 -2.51 3.24	61.93 -2.86 3.36	57.05 -1.80 3.25	50.48 -1.92 2.35	42.97 -1.56 1.21	38.84 -1.74 0.82
RUSSELL__2 23532	37.08 -1.55 0.00	33.73 -1.59 0.00	31.65 -1.53 0.00	30.66 -1.55 0.00	31.30 -1.41 0.00	32.83 -1.51 0.00	34.89 -1.91 0.00	37.02 -1.99 0.00	36.68 -1.89 0.00	35.84 -1.57 0.00	37.19 -1.59 0.00	38.72 -1.87 0.00	40.77 -2.24 0.03	42.58 -1.73 0.05	44.93 -2.19 0.39	47.37 -1.84 1.78	50.82 -2.40 2.63	59.42 -3.39 3.68	62.01 -2.51 3.24	61.93 -2.86 3.36	57.05 -1.80 3.25	50.48 -1.92 2.35	42.97 -1.56 1.21	38.84 -1.74 0.82
RUSSELL__3 23549	37.08 -1.55 0.00	33.73 -1.59 0.00	31.65 -1.53 0.00	30.66 -1.55 0.00	31.30 -1.41 0.00	32.83 -1.51 0.00	34.89 -1.91 0.00	37.02 -1.99 0.00	36.68 -1.89 0.00	35.84 -1.57 0.00	37.19 -1.59 0.00	38.72 -1.87 0.00	40.77 -2.24 0.03	42.58 -1.73 0.05	44.93 -2.19 0.39	47.37 -1.84 1.78	50.82 -2.40 2.63	59.42 -3.39 3.68	62.01 -2.51 3.24	61.93 -2.86 3.36	57.05 -1.80 3.25	50.48 -1.92 2.35	42.97 -1.56 1.21	38.84 -1.74 0.82
RUSSELL__4 23556	37.08 -1.55 0.00	33.73 -1.59 0.00	31.65 -1.53 0.00	30.66 -1.55 0.00	31.30 -1.41 0.00	32.83 -1.51 0.00	34.89 -1.91 0.00	37.02 -1.99 0.00	36.68 -1.89 0.00	35.84 -1.57 0.00	37.19 -1.59 0.00	38.72 -1.87 0.00	40.77 -2.24 0.03	42.58 -1.73 0.05	44.93 -2.19 0.39	47.37 -1.84 1.78	50.82 -2.40 2.63	59.42 -3.39 3.68	62.01 -2.51 3.24	61.93 -2.86 3.36	57.05 -1.80 3.25	50.48 -1.92 2.35	42.97 -1.56 1.21	38.84 -1.74 0.82
RUSSELL__STATION 23914	37.08 -1.55 0.00	33.73 -1.59 0.00	31.65 -1.53 0.00	30.66 -1.55 0.00	31.30 -1.41 0.00	32.83 -1.51 0.00	34.89 -1.91 0.00	37.02 -1.99 0.00	36.68 -1.89 0.00	35.84 -1.57 0.00	37.19 -1.59 0.00	38.72 -1.87 0.00	40.77 -2.24 0.03	42.58 -1.73 0.05	44.93 -2.19 0.39	47.37 -1.84 1.78	50.82 -2.40 2.63	59.42 -3.39 3.68	62.01 -2.51 3.24	61.93 -2.86 3.36	57.05 -1.80 3.25	50.48 -1.92 2.35	42.97 -1.56 1.21	38.84 -1.74 0.82

S SALMON___HYD 24043	38.21 -0.42 0.00	34.96 -0.35 0.00	32.85 -0.33 0.00	31.92 -0.29 0.00	32.48 -0.23 0.00	34.21 -0.14 0.00	36.65 -0.15 0.00	38.74 -0.27 0.00	38.11 -0.46 0.00	36.96 -0.45 0.00	38.24 -0.54 0.00	40.37 -0.77 -0.56	43.65 -0.82 -1.44	45.13 -0.80 -1.57	48.71 -0.76 -1.97	50.98 -0.76 -0.76	55.65 -0.84 -0.64	66.15 -1.27 -0.93	67.60 -0.95 -0.79	68.16 -0.81 -0.82	62.21 -0.68 -0.79	54.66 -0.65 -0.57	45.57 -0.46 -0.29	41.19 -0.41 -0.20
S.PERRY___115KV_TB1 80734	38.09 -0.54 0.00	34.64 -0.67 0.00	32.55 -0.63 0.00	31.50 -0.71 0.00	32.15 -0.56 0.00	33.80 -0.55 0.00	35.88 -0.92 0.00	37.88 -1.17 -0.04	37.14 -1.43 0.00	36.21 -1.20 0.00	37.42 -1.36 0.00	38.88 -1.70 0.00	41.34 -1.94 -0.24	42.63 -1.69 0.04	47.09 -1.76 -1.34	53.96 -1.43 -4.40	60.17 -1.68 -5.99	79.04 -2.13 -14.68	68.68 -1.63 -2.55	64.05 -1.36 2.74	59.47 -0.12 2.50	52.34 -0.49 1.91	44.30 -0.50 0.94	39.86 -0.87 0.67
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	35.31 -3.32 0.00	31.96 -3.35 0.00	30.06 -3.12 0.00	29.08 -3.12 0.00	29.57 -3.14 0.00	30.98 -3.37 0.00	32.79 -4.01 0.00	34.55 -4.45 0.01	34.25 -4.32 0.00	33.52 -3.89 0.00	34.90 -3.88 0.00	36.24 -4.34 0.00	38.11 -4.82 0.11	39.70 -4.61 0.05	41.72 -4.94 0.85	42.32 -5.25 3.41	44.98 -5.98 4.90	51.10 -6.98 8.41	55.65 -7.32 4.79	57.07 -7.50 3.59	53.11 -6.02 2.96	46.61 -5.64 2.50	40.10 -4.53 1.11	36.02 -4.51 0.87
SAWYER___23_KV_LOAD 55526	35.31 -3.32 0.00	31.96 -3.35 0.00	30.06 -3.12 0.00	29.08 -3.12 0.00	29.57 -3.14 0.00	30.98 -3.37 0.00	32.79 -4.01 0.00	34.55 -4.45 0.01	34.25 -4.32 0.00	33.52 -3.89 0.00	34.90 -3.88 0.00	36.24 -4.34 0.00	38.11 -4.82 0.11	39.70 -4.61 0.05	41.72 -4.94 0.85	42.32 -5.25 3.41	44.98 -5.98 4.90	51.10 -6.98 8.41	55.65 -7.32 4.79	57.07 -7.50 3.59	53.11 -6.02 2.96	46.61 -5.64 2.50	40.10 -4.53 1.11	36.02 -4.51 0.87
SELKIRK___I 23801	39.48 0.85 0.00	36.16 0.85 0.00	33.98 0.80 0.00	32.92 0.71 0.00	33.42 0.72 0.00	35.07 0.72 0.00	37.39 0.59 0.00	39.51 0.51 0.00	39.00 0.43 0.00	37.67 0.26 0.00	39.01 0.23 0.00	40.91 0.32 0.00	43.42 0.39 0.00	44.80 0.44 0.00	47.98 0.48 0.00	51.49 0.51 0.00	56.47 0.62 0.00	67.35 0.86 0.00	68.71 0.95 0.00	69.11 0.95 0.00	63.03 0.93 0.00	55.73 0.99 0.00	46.60 0.87 0.00	42.39 0.99 0.00
SELKIRK___II 23799	39.21 0.58 0.00	35.91 0.60 0.00	33.71 0.53 0.00	32.69 0.48 0.00	33.20 0.49 0.00	34.83 0.48 0.00	37.17 0.37 0.00	39.40 0.39 0.00	38.96 0.39 0.00	37.67 0.26 0.00	39.05 0.27 0.00	40.95 0.36 0.00	43.47 0.43 0.00	44.80 0.44 0.00	47.93 0.43 0.00	51.39 0.41 0.00	56.35 0.50 0.00	67.09 0.60 0.00	68.30 0.54 0.00	68.70 0.54 0.00	62.59 0.49 0.00	55.35 0.60 0.00	46.24 0.50 0.00	42.06 0.66 0.00
SENECA OSWGO___HYD 24041	37.86 -0.77 0.00	34.64 -0.67 0.00	32.52 -0.66 0.00	31.60 -0.61 0.00	32.08 -0.62 0.00	33.73 -0.62 0.00	36.06 -0.74 0.00	38.19 -0.82 0.00	37.72 -0.85 0.00	36.66 -0.75 0.00	37.96 -0.82 0.00	40.36 -1.06 -0.83	44.08 -1.12 -2.16	45.57 -1.15 -2.37	49.45 -1.14 -3.08	51.58 -1.12 -1.72	56.39 -1.28 -1.82	67.36 -1.73 -2.60	68.46 -1.56 -2.26	69.01 -1.50 -2.35	63.11 -1.24 -2.25	55.23 -1.15 -1.64	45.53 -1.05 -0.84	41.02 -0.95 -0.57
SENECA___115KV_TB3 355854	35.62 -3.01 0.00	32.28 -3.04 0.00	30.29 -2.89 0.00	29.54 -2.67 0.00	29.80 -2.91 0.00	31.22 -3.13 0.00	33.08 -3.72 0.00	34.82 -4.17 0.01	34.56 -4.01 0.00	33.86 -3.55 0.00	34.98 -3.80 0.00	36.65 -3.94 0.00	38.54 -4.39 0.11	39.79 -4.52 0.05	42.48 -4.18 0.84	42.76 -4.84 3.38	45.64 -5.36 4.85	52.51 -5.52 8.46	56.56 -6.51 4.69	57.84 -6.88 3.43	53.59 -5.65 2.86	46.93 -5.42 2.40	40.32 -4.35 1.07	36.18 -4.39 0.83
SENECA___ENERGY 23797	38.01 -0.62 0.00	34.71 -0.60 0.00	32.55 -0.63 0.00	31.63 -0.58 0.00	32.12 -0.59 0.00	33.76 -0.58 0.00	36.14 -0.66 0.00	38.27 -0.74 0.00	37.72 -0.85 0.00	36.74 -0.67 0.00	38.00 -0.78 0.00	40.07 -0.85 -0.34	42.97 -0.95 -0.88	44.36 -0.93 -0.93	47.81 -0.85 -1.16	50.36 -0.76 -0.14	54.68 -1.06 0.11	65.25 -1.53 -0.29	66.14 -1.15 0.46	66.15 -1.16 0.84	60.55 -0.74 0.81	53.39 -0.77 0.59	44.70 -0.73 0.30	40.41 -0.79 0.21
SHOEMAKER___GT 23640	40.10 1.47 0.00	36.66 1.34 0.00	34.37 1.19 0.00	33.34 1.13 0.00	33.82 1.11 0.00	35.41 1.07 0.00	37.94 1.14 0.00	40.45 1.44 0.00	40.19 1.62 0.00	38.94 1.53 0.00	40.52 1.75 0.00	42.62 2.03 0.00	45.36 2.32 0.00	46.75 2.39 0.00	50.21 2.71 0.00	53.78 2.80 0.00	59.20 3.35 0.00	70.75 4.26 0.00	71.48 3.72 0.01	71.68 3.54 0.01	65.26 3.17 0.00	57.47 2.74 0.01	47.89 2.15 0.00	43.42 2.03 0.00
SHOEMAKR_138KV_BK 111 55601	40.06 1.43 0.00	36.69 1.38 0.00	34.38 1.19 0.00	33.40 1.19 0.00	33.79 1.08 0.00	35.41 1.06 0.00	37.94 1.14 0.00	40.45 1.44 0.00	40.23 1.66 0.00	38.98 1.57 0.00	40.56 1.78 0.00	42.66 2.07 0.00	45.40 2.37 0.00	46.75 2.40 0.00	50.26 2.76 0.00	53.84 2.85 0.00	59.26 3.41 0.00	70.81 4.32 0.00	71.55 3.79 0.01	71.75 3.61 0.01	65.27 3.17 0.00	57.42 2.68 0.01	47.89 2.15 0.00	43.42 2.03 0.00
SHOREHAM_IC_1 23715	41.53 2.90 0.00	38.42 3.11 0.00	36.37 3.19 0.00	35.20 3.00 0.00	35.42 2.71 0.00	37.06 2.71 0.00	39.45 2.65 0.00	41.82 2.81 0.00	42.32 3.74 -0.01	41.01 3.59 -0.01	43.52 3.76 -0.98	45.15 4.18 -0.38	47.31 4.26 -0.02	51.09 4.30 -2.43	54.30 4.52 -2.27	59.80 4.54 -4.28	62.73 5.48 -1.40	74.56 7.04 -1.02	74.86 6.37 -0.74	78.21 5.79 -4.27	66.93 4.72 -0.11	59.23 4.38 -0.11	49.72 3.98 -0.01	45.26 3.85 -0.01
SHOREHAM_IC_2 23716	41.53 2.90 0.00	38.42 3.11 0.00	36.37 3.19 0.00	35.20 3.00 0.00	35.42 2.71 0.00	37.06 2.71 0.00	39.45 2.65 0.00	41.82 2.81 0.00	42.32 3.74 -0.01	41.01 3.59 -0.01	43.52 3.76 -0.98	45.15 4.18 -0.38	47.31 4.26 -0.02	51.09 4.30 -2.43	54.30 4.52 -2.27	59.80 4.54 -4.28	62.73 5.48 -1.40	74.56 7.04 -1.02	74.86 6.37 -0.74	78.21 5.79 -4.27	66.93 4.72 -0.11	59.23 4.38 -0.11	49.72 3.98 -0.01	45.26 3.85 -0.01
SISSONVILLE____ 23735	37.55 -1.08 0.00	34.26 -1.06 0.00	32.29 -0.90 0.00	31.40 -0.81 0.00	31.95 -0.75 0.00	33.73 -0.62 0.00	36.21 -0.59 0.00	38.35 -0.66 0.00	37.72 -0.85 0.00	36.36 -1.05 0.00	37.65 -1.12 0.00	39.56 -1.10 -0.07	41.89 -1.33 -0.18	43.09 -1.46 -0.20	46.18 -1.57 -0.24	49.34 -1.68 -0.04	53.90 -1.95 0.00	64.30 -2.19 0.00	65.66 -2.10 0.00	66.11 -2.04 0.00	60.11 -1.99 0.00	52.99 -1.75 0.00	44.55 -1.19 0.00	40.20 -1.20 0.00
SITHE_IND_GS1 24169	37.43 -1.20 0.00	34.29 -1.03 0.00	32.19 -0.99 0.00	31.27 -0.94 0.00	31.76 -0.95 0.00	33.35 -1.00 0.00	35.66 -1.14 0.00	37.76 -1.25 0.00	37.30 -1.27 0.00	36.21 -1.20 0.00	37.50 -1.28 0.00	36.58 -1.58 2.42	34.93 -1.68 6.43	35.55 -1.69 7.12	34.93 -1.81 10.77	35.80 -1.83 13.35	36.18 -2.07 17.61	39.18 -2.59 24.72	43.53 -2.44 21.80	42.99 -2.45 22.72	38.24 -2.11 21.75	36.97 -1.92 15.86	35.97 -1.64 8.12	34.37 -1.49 5.54

SITHE_IND_GS2 24170	37.43 -1.20 0.00	34.29 -1.03 0.00	32.19 -0.99 0.00	31.27 -0.94 0.00	31.76 -0.95 0.00	33.35 -1.00 0.00	35.66 -1.14 0.00	37.76 -1.25 0.00	37.30 -1.27 0.00	36.21 -1.20 0.00	37.50 -1.28 0.00	36.58 -1.58 2.42	34.93 -1.68 6.43	35.55 -1.69 7.12	34.93 -1.81 10.77	35.80 -1.83 13.35	36.18 -2.07 17.61	39.18 -2.59 24.72	43.53 -2.44 21.80	42.99 -2.45 22.72	38.24 -2.11 21.75	36.97 -1.92 15.86	35.97 -1.64 8.12	34.37 -1.49 5.54
SITHE_IND_GS3 24171	37.43 -1.20 0.00	34.29 -1.03 0.00	32.19 -0.99 0.00	31.27 -0.94 0.00	31.76 -0.95 0.00	33.35 -1.00 0.00	35.66 -1.14 0.00	37.76 -1.25 0.00	37.30 -1.27 0.00	36.21 -1.20 0.00	37.50 -1.28 0.00	36.58 -1.58 2.42	34.93 -1.68 6.43	35.55 -1.69 7.12	34.93 -1.81 10.77	35.80 -1.83 13.35	36.18 -2.07 17.61	39.18 -2.59 24.72	43.53 -2.44 21.80	42.99 -2.45 22.72	38.24 -2.11 21.75	36.97 -1.92 15.86	35.97 -1.64 8.12	34.37 -1.49 5.54
SITHE_IND_GS4 24172	37.43 -1.20 0.00	34.29 -1.03 0.00	32.19 -0.99 0.00	31.27 -0.94 0.00	31.76 -0.95 0.00	33.35 -1.00 0.00	35.66 -1.14 0.00	37.76 -1.25 0.00	37.30 -1.27 0.00	36.21 -1.20 0.00	37.50 -1.28 0.00	36.58 -1.58 2.42	34.93 -1.68 6.43	35.55 -1.69 7.12	34.93 -1.81 10.77	35.80 -1.83 13.35	36.18 -2.07 17.61	39.18 -2.59 24.72	43.53 -2.44 21.80	42.99 -2.45 22.72	38.24 -2.11 21.75	36.97 -1.92 15.86	35.97 -1.64 8.12	34.37 -1.49 5.54
SITHE___BATAVIA 24024	36.31 -2.32 0.00	32.98 -2.33 0.00	30.92 -2.26 0.00	30.15 -2.06 0.00	30.55 -2.16 0.00	32.04 -2.30 0.00	33.93 -2.87 0.00	35.88 -3.12 0.01	35.52 -3.05 0.00	34.75 -2.66 0.00	35.75 -3.02 0.00	37.46 -3.12 0.00	39.44 -3.53 0.07	40.80 -3.51 0.05	43.36 -3.51 0.64	44.85 -3.47 2.66	48.09 -3.91 3.85	55.38 -4.79 6.32	59.28 -4.40 4.07	59.77 -4.91 3.48	55.53 -3.48 3.09	48.76 -3.56 2.43	41.84 -2.74 1.16	37.65 -2.90 0.85
SITHE___INDEPEND 23800	37.43 -1.20 0.00	34.29 -1.02 0.00	32.19 -1.00 0.00	31.24 -0.97 0.00	31.76 -0.95 0.00	33.35 -1.00 0.00	35.66 -1.14 0.00	37.76 -1.25 0.00	37.30 -1.27 0.00	36.21 -1.20 0.00	37.46 -1.32 0.00	36.58 -1.58 2.42	34.93 -1.68 6.43	35.59 -1.64 7.12	34.93 -1.81 10.77	35.80 -1.84 13.35	36.18 -2.07 17.61	39.18 -2.59 24.72	43.46 -2.51 21.80	42.98 -2.45 22.72	38.24 -2.11 21.75	36.97 -1.92 15.86	35.97 -1.65 8.12	34.37 -1.49 5.54
SITHE___MASSENA 23902	38.36 -0.27 0.00	35.00 -0.32 0.00	32.98 -0.20 0.00	32.02 -0.19 0.00	32.54 -0.16 0.00	34.31 -0.03 0.00	36.87 0.07 0.00	39.01 0.00 0.00	38.49 -0.08 0.00	37.30 -0.11 0.00	38.62 -0.15 0.00	40.51 -0.08 0.00	42.91 -0.13 0.00	44.14 -0.22 0.00	47.27 -0.24 0.00	50.73 -0.25 0.00	55.46 -0.39 0.00	66.16 -0.33 0.00	67.35 -0.40 0.00	67.81 -0.34 0.00	61.73 -0.37 0.00	54.42 -0.33 0.00	45.60 -0.14 0.00	41.15 -0.25 0.00
SITHE___OGDNSBRG 24021	38.51 -0.12 0.00	35.14 -0.18 0.00	33.08 -0.10 0.00	32.14 -0.06 0.00	32.71 0.00 0.00	34.52 0.17 0.00	37.02 0.22 0.00	39.09 0.08 0.00	38.38 -0.19 0.00	37.04 -0.37 0.00	38.35 -0.43 0.00	40.18 -0.41 0.00	42.52 -0.52 0.00	43.74 -0.62 0.00	46.89 -0.62 0.00	50.32 -0.66 0.00	55.07 -0.78 0.00	65.76 -0.73 0.00	67.28 -0.47 0.00	67.88 -0.27 0.00	61.85 -0.25 0.00	54.52 -0.22 0.00	45.78 0.05 0.00	41.27 -0.12 0.00
SITHE___STERLING 23777	39.21 0.58 0.00	35.88 0.56 0.00	33.68 0.50 0.00	32.72 0.51 0.00	33.30 0.59 0.00	35.03 0.69 0.00	37.50 0.70 0.00	39.67 0.66 0.00	39.07 0.50 0.00	37.82 0.41 0.00	39.25 0.47 0.00	41.14 0.41 -0.15	43.84 0.43 -0.37	45.29 0.53 -0.40	48.59 0.66 -0.42	51.31 0.61 0.29	56.08 0.78 0.55	66.73 1.00 0.76	68.30 1.22 0.68	68.74 1.29 0.71	62.60 1.18 0.68	55.23 0.99 0.50	46.21 0.73 0.25	41.93 0.70 0.17
SLEIGHT__34_KV_TB1 80719	37.20 -1.43 0.00	33.94 -1.38 0.00	31.85 -1.33 0.00	30.86 -1.35 0.00	31.46 -1.24 0.00	33.04 -1.31 0.00	35.25 -1.55 0.00	37.37 -1.64 0.00	36.95 -1.62 0.00	36.03 -1.38 0.00	37.34 -1.43 0.00	39.02 -1.66 -0.10	41.33 -1.94 -0.23	42.99 -1.60 -0.23	45.58 -1.95 -0.02	47.93 -1.73 1.32	51.64 -2.18 2.03	60.53 -3.13 2.84	62.88 -2.37 2.50	63.04 -2.52 2.59	57.85 -1.74 2.52	51.18 -1.75 1.81	43.29 -1.51 0.94	39.19 -1.57 0.63
SOUTH CAIRO___GT 23612	40.48 1.85 0.00	37.05 1.73 0.00	34.74 1.56 0.00	33.66 1.45 0.00	34.11 1.41 0.00	35.82 1.48 0.00	38.23 1.44 0.00	40.37 1.37 0.00	39.57 1.00 0.00	38.05 0.64 0.00	39.32 0.54 0.00	41.24 0.65 0.00	43.90 0.86 0.00	45.29 0.93 0.00	48.74 1.24 0.00	52.36 1.38 0.00	57.36 1.51 0.00	68.75 2.26 0.00	69.99 2.24 0.00	70.54 2.39 0.00	64.96 2.86 0.00	57.21 2.46 0.00	47.75 2.01 0.00	43.43 2.03 0.00
SOUTH HAMPTN___IC 23720	41.80 3.17 0.00	38.71 3.39 0.00	36.63 3.45 0.00	35.53 3.32 0.00	35.85 3.14 0.00	37.50 3.16 0.00	39.89 3.09 0.00	42.40 3.39 0.00	42.97 4.40 -0.01	41.61 4.19 -0.01	44.21 4.46 -0.98	45.92 4.95 -0.38	48.17 5.12 -0.02	51.97 5.19 -2.43	55.26 5.51 -2.24	60.77 5.56 -4.23	63.88 6.64 -1.38	75.95 8.45 -1.01	76.21 7.72 -0.73	79.33 6.96 -4.22	67.80 5.59 -0.11	59.88 5.03 -0.11	50.18 4.44 -0.01	45.58 4.18 -0.01
SOUTHDOW__115KV_TB1 355954	36.27 -2.36 0.00	32.70 -2.61 0.00	30.69 -2.49 0.00	29.66 -2.54 0.00	30.06 -2.65 0.00	31.56 -2.78 0.00	33.52 -3.28 0.00	35.22 -3.78 0.01	34.98 -3.59 0.00	34.27 -3.14 0.00	35.83 -2.95 0.00	37.22 -3.37 0.00	39.52 -3.44 0.07	40.46 -3.86 0.04	43.79 -3.09 0.62	43.97 -4.44 2.58	47.65 -4.47 3.73	56.94 -3.39 6.16	58.39 -5.49 3.88	59.54 -5.38 3.23	54.81 -4.60 2.69	47.73 -4.76 2.25	40.75 -3.98 1.01	36.52 -4.10 0.78
SOUTHOLD_69_KV_BK 2 55809	41.95 3.32 0.00	39.06 3.74 0.00	36.90 3.72 0.00	35.91 3.70 0.00	36.24 3.53 0.00	37.99 3.64 0.00	40.40 3.61 0.00	42.99 3.98 0.00	43.66 5.09 0.00	42.16 4.75 0.00	44.88 5.12 -0.98	46.53 5.56 -0.38	48.99 5.94 -0.02	52.68 5.90 -2.43	56.02 6.27 -2.25	61.69 6.47 -4.23	65.05 7.82 -1.38	77.21 9.71 -1.01	77.36 8.88 -0.73	80.21 7.84 -4.22	68.42 6.21 -0.11	60.21 5.36 -0.11	50.45 4.71 0.00	45.74 4.35 0.00
SOUTHOLD___IC 23719	41.95 3.32 0.00	38.92 3.60 0.00	36.90 3.72 0.00	35.85 3.64 0.00	36.24 3.53 0.00	37.98 3.64 0.00	40.41 3.61 0.00	42.99 3.98 0.00	43.67 5.09 -0.01	42.13 4.71 -0.01	44.80 5.04 -0.98	46.69 5.72 -0.38	48.95 5.90 -0.02	52.77 5.99 -2.43	56.07 6.32 -2.25	61.64 6.42 -4.23	64.89 7.65 -1.38	77.21 9.71 -1.01	77.29 8.80 -0.73	80.14 7.77 -4.22	68.42 6.21 -0.11	60.37 5.53 -0.11	50.46 4.71 -0.01	45.75 4.35 -0.01
SOUTH_FORK_WT_PWR 323839	41.68 3.05 0.00	38.74 3.42 0.00	36.80 3.62 0.00	35.82 3.61 0.00	36.27 3.57 0.00	38.02 3.68 0.00	40.44 3.64 0.00	43.07 4.06 0.00	43.75 5.17 -0.01	42.32 4.90 -0.01	44.99 5.23 -0.98	46.77 5.80 -0.38	49.03 5.98 -0.02	52.77 5.99 -2.43	56.07 6.32 -2.24	61.63 6.42 -4.23	64.83 7.59 -1.38	77.01 9.51 -1.01	77.09 8.61 -0.73	79.87 7.50 -4.22	68.04 5.84 -0.11	59.99 5.14 -0.11	50.14 4.39 -0.01	45.46 4.06 -0.01

SPIERFLS_115KV_TB 1 80737	41.14 2.51 0.00	37.68 2.37 0.00	35.37 2.19 0.00	34.21 2.00 0.00	34.80 2.09 0.00	36.58 2.23 0.00	38.97 2.17 0.00	41.15 2.15 0.00	40.35 1.77 0.00	38.83 1.42 0.00	39.90 1.12 0.00	41.85 1.26 0.00	44.24 1.21 0.00	45.60 1.24 0.00	49.12 1.62 0.00	52.87 1.89 0.00	57.86 2.01 0.00	69.22 2.73 0.00	71.48 3.73 0.00	72.04 3.88 0.00	66.26 4.16 0.00	58.68 3.94 0.00	48.80 3.06 0.00	44.30 2.90 0.00
ST LAWRENCE____ 23600	38.28 -0.35 0.00	34.93 -0.39 0.00	32.88 -0.30 0.00	31.95 -0.26 0.00	32.44 -0.26 0.00	34.14 -0.20 0.00	36.69 -0.11 0.00	38.89 -0.12 0.00	38.38 -0.19 0.00	37.22 -0.19 0.00	38.59 -0.19 0.00	40.43 -0.16 0.00	42.87 -0.17 0.00	44.09 -0.26 0.00	47.22 -0.28 0.00	50.68 -0.30 0.00	55.40 -0.45 0.00	65.96 -0.53 0.00	67.21 -0.54 0.00	67.68 -0.47 0.00	61.60 -0.50 0.00	54.30 -0.44 0.00	45.46 -0.27 0.00	41.07 -0.33 0.00
STATE_CA_115KV_115_LB 55624	39.32 0.70 0.00	36.06 0.74 0.00	33.84 0.66 0.00	32.82 0.61 0.00	33.30 0.59 0.00	34.93 0.58 0.00	37.28 0.48 0.00	39.48 0.47 0.00	39.00 0.42 0.00	37.71 0.30 0.00	39.09 0.31 0.00	40.99 0.41 0.00	43.47 0.43 0.00	44.85 0.49 0.00	48.03 0.52 0.00	51.49 0.51 0.00	56.47 0.61 0.00	67.22 0.73 0.00	68.50 0.75 0.00	68.90 0.75 0.00	62.72 0.62 0.00	55.45 0.71 0.00	46.38 0.64 0.00	42.23 0.83 0.00
STATE_ST_34_KV_LOAD 55959	38.40 -0.23 0.00	35.10 -0.21 0.00	32.95 -0.23 0.00	31.95 -0.26 0.00	32.51 -0.20 0.00	34.17 -0.17 0.00	36.58 -0.22 0.00	38.74 -0.27 0.00	38.19 -0.39 0.00	37.15 -0.26 0.00	38.47 -0.31 0.00	40.57 -0.41 -0.39	43.61 -0.43 -1.01	45.05 -0.40 -1.09	48.45 -0.38 -1.32	50.90 -0.31 -0.23	55.46 -0.39 0.00	65.85 -0.66 -0.03	67.35 -0.41 0.00	67.88 -0.27 0.00	62.10 0.00 0.00	54.63 -0.11 0.00	45.51 -0.23 0.00	41.15 -0.25 0.00
STATION 5_MISC_HYD 23604	36.93 -1.70 0.00	33.62 -1.69 0.00	31.56 -1.63 0.00	30.70 -1.51 0.00	31.17 -1.54 0.00	32.70 -1.65 0.00	34.74 -2.06 0.00	36.86 -2.15 0.00	36.49 -2.08 0.00	35.65 -1.76 0.00	36.80 -1.98 0.00	38.52 -2.07 0.00	40.68 -2.32 0.03	42.05 -2.26 0.05	44.75 -2.37 0.39	47.16 -2.04 1.78	50.49 -2.74 2.62	59.10 -3.72 3.67	61.74 -2.78 3.24	61.52 -3.27 3.36	56.68 -2.18 3.25	50.10 -2.30 2.34	42.74 -1.78 1.21	38.63 -1.95 0.82
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	37.39 -1.24 0.00	34.08 -1.24 0.00	31.99 -1.19 0.00	30.99 -1.22 0.00	31.59 -1.11 0.00	33.21 -1.13 0.00	35.40 -1.40 0.00	37.53 -1.48 0.00	37.11 -1.47 0.00	36.18 -1.23 0.00	37.50 -1.28 0.00	39.19 -1.50 -0.10	41.52 -1.76 -0.25	43.19 -1.42 -0.25	45.86 -1.71 -0.06	48.22 -1.95 1.28	51.92 -1.95 1.98	60.94 -2.79 2.76	63.15 -2.17 2.44	63.30 -2.32 2.53	58.16 -1.49 2.45	51.44 -1.53 1.77	43.54 -1.28 0.91	39.37 -1.41 0.62
STA_56_34_KV_BUS2_REV_LBMP_B 345033	36.78 -1.85 0.00	33.48 -1.84 0.00	31.42 -1.76 0.00	30.44 -1.77 0.00	31.04 -1.67 0.00	32.56 -1.79 0.00	34.66 -2.13 0.00	36.75 -2.26 0.00	36.41 -2.16 0.00	35.58 -1.83 0.00	36.88 -1.90 0.00	38.40 -2.19 0.00	40.43 -2.58 0.03	42.22 -2.08 0.05	44.56 -2.57 0.38	46.92 -2.29 1.76	50.29 -2.96 2.60	58.79 -4.06 3.64	61.36 -3.18 3.21	61.35 -3.48 3.33	56.46 -2.42 3.22	50.01 -2.41 2.33	42.57 -1.97 1.20	38.52 -2.07 0.81
STA_56____34_KV_BUS2 355983	36.78 -1.85 0.00	33.48 -1.84 0.00	31.42 -1.76 0.00	30.44 -1.77 0.00	31.04 -1.67 0.00	32.56 -1.79 0.00	34.66 -2.13 0.00	36.75 -2.26 0.00	36.41 -2.16 0.00	35.58 -1.83 0.00	36.88 -1.90 0.00	38.40 -2.19 0.00	40.43 -2.58 0.03	42.22 -2.08 0.05	44.56 -2.57 0.38	46.92 -2.29 1.76	50.29 -2.96 2.60	58.79 -4.06 3.64	61.36 -3.18 3.21	61.35 -3.48 3.33	56.46 -2.42 3.22	50.01 -2.41 2.33	42.57 -1.97 1.20	38.52 -2.07 0.81
STA_67____115KV_BK2 355882	36.85 -1.78 0.00	33.51 -1.80 0.00	31.49 -1.69 0.00	30.47 -1.74 0.00	31.10 -1.60 0.00	32.63 -1.72 0.00	34.70 -2.10 0.00	36.78 -2.22 0.00	36.41 -2.16 0.00	35.58 -1.83 0.00	36.88 -1.90 0.00	38.40 -2.19 0.00	40.43 -2.58 0.03	42.22 -2.08 0.05	44.51 -2.61 0.39	46.91 -2.29 1.78	50.27 -2.96 2.62	58.76 -4.06 3.67	61.40 -3.12 3.24	61.38 -3.41 3.36	56.55 -2.30 3.25	50.04 -2.35 2.35	42.65 -1.88 1.21	38.55 -2.03 0.82
STA_7____115KV_9TRANS 80674	37.08 -1.55 0.00	33.73 -1.59 0.00	31.65 -1.53 0.00	30.66 -1.55 0.00	31.30 -1.41 0.00	32.83 -1.51 0.00	34.89 -1.91 0.00	37.02 -1.99 0.00	36.68 -1.89 0.00	35.84 -1.57 0.00	37.19 -1.59 0.00	38.72 -1.87 0.00	40.77 -2.24 0.03	42.58 -1.73 0.05	44.93 -2.19 0.39	47.37 -1.84 1.78	50.82 -2.40 2.63	59.42 -3.39 3.68	62.01 -2.51 3.24	61.93 -2.86 3.36	57.05 -1.80 3.25	50.48 -1.92 2.35	42.97 -1.56 1.21	38.84 -1.74 0.82
STA_82____115KV_TB1 80780	36.81 -1.82 0.00	33.48 -1.84 0.00	31.46 -1.73 0.00	30.47 -1.74 0.00	31.07 -1.64 0.00	32.59 -1.75 0.00	34.66 -2.13 0.00	36.75 -2.26 0.00	36.37 -2.20 0.00	35.54 -1.87 0.00	36.84 -1.94 0.00	38.35 -2.23 0.00	40.38 -2.63 0.03	42.18 -2.13 0.05	44.46 -2.66 0.39	46.87 -2.35 1.77	50.23 -3.02 2.61	58.66 -4.19 3.65	61.36 -3.18 3.22	61.33 -3.48 3.34	56.51 -2.36 3.23	50.00 -2.41 2.33	42.61 -1.92 1.20	38.51 -2.07 0.82
STEEL____WIND 323596	35.58 -3.05 0.00	32.28 -3.04 0.00	30.29 -2.89 0.00	29.50 -2.71 0.00	29.76 -2.94 0.00	31.19 -3.16 0.00	33.08 -3.72 0.00	34.82 -4.17 0.01	34.52 -4.05 0.00	33.82 -3.59 0.00	34.94 -3.84 0.00	36.61 -3.98 0.00	38.50 -4.43 0.11	39.74 -4.57 0.05	42.39 -4.28 0.84	42.71 -4.89 3.38	45.58 -5.42 4.85	52.45 -5.59 8.46	56.49 -6.57 4.69	57.77 -6.95 3.43	53.53 -5.71 2.86	46.87 -5.47 2.40	40.28 -4.39 1.07	36.18 -4.39 0.83
STEPHTWN_115KV_BK_2 55603	39.48 0.85 0.00	36.16 0.85 0.00	33.94 0.76 0.00	32.92 0.71 0.00	33.39 0.69 0.00	35.07 0.72 0.00	37.42 0.63 0.00	39.59 0.59 0.00	39.07 0.50 0.00	37.78 0.37 0.00	39.13 0.35 0.00	41.07 0.49 0.00	43.55 0.52 0.00	44.93 0.58 0.00	48.12 0.62 0.00	51.64 0.66 0.00	56.63 0.78 0.00	67.49 1.00 0.00	68.77 1.02 0.00	69.18 1.02 0.00	62.97 0.87 0.00	55.73 0.99 0.00	46.56 0.82 0.00	42.35 0.95 0.00
STEBEN_REC_LFGE 323667	37.70 -0.93 0.00	34.29 -1.02 0.00	32.19 -1.00 0.00	31.11 -1.10 0.00	31.66 -1.05 0.00	33.28 -1.06 0.00	35.47 -1.32 0.00	37.36 -1.68 -0.03	36.72 -1.85 0.00	35.88 -1.53 0.00	37.19 -1.59 0.00	38.85 -1.87 -0.13	41.52 -2.02 -0.50	42.53 -2.17 -0.34	46.97 -1.85 -1.32	51.67 -2.24 -2.93	57.27 -2.46 -3.87	73.50 -2.59 -9.61	65.86 -3.46 -1.55	63.05 -3.14 1.97	58.15 -2.24 1.72	51.02 -2.35 1.37	42.95 -2.15 0.64	38.60 -2.32 0.48
STILLWATER____SOLAR 323814	40.41 1.78 0.00	37.01 1.70 0.00	34.74 1.56 0.00	33.62 1.42 0.00	34.18 1.47 0.00	35.89 1.55 0.00	38.27 1.47 0.00	40.41 1.40 0.00	39.73 1.16 0.00	38.31 0.90 0.00	39.55 0.78 0.00	41.52 0.93 0.00	43.98 0.95 0.00	45.42 1.06 0.00	48.74 1.23 0.00	52.41 1.43 0.00	57.41 1.56 0.00	68.55 2.06 0.00	70.27 2.51 0.00	70.81 2.66 0.00	64.71 2.61 0.00	57.26 2.52 0.00	47.75 2.01 0.00	43.39 1.99 0.00

STONY___BROOK 24151	41.91 3.28 0.00	38.49 3.18 0.00	36.23 3.05 0.00	35.04 2.84 0.00	35.45 2.75 0.00	37.06 2.71 0.00	39.45 2.65 0.00	42.09 3.08 0.00	42.55 3.97 -0.01	41.27 3.85 -0.01	43.75 4.00 -0.98	45.35 4.38 -0.38	47.79 4.73 -0.02	51.64 4.84 -2.45	55.07 5.23 -2.33	60.68 5.30 -4.39	63.49 6.20 -1.44	75.32 7.78 -1.05	75.63 7.11 -0.76	79.15 6.61 -4.38	67.74 5.52 -0.11	60.06 5.20 -0.11	50.32 4.57 -0.01	45.63 4.22 -0.01
STURGEON_POOL_HYD 23609	40.75 2.12 0.00	37.26 1.94 0.00	34.91 1.73 0.00	33.92 1.71 0.00	34.31 1.60 0.00	35.89 1.55 0.00	38.49 1.69 0.00	41.08 2.07 0.00	40.92 2.35 0.00	39.65 2.24 0.00	41.30 2.52 0.00	43.47 2.88 0.00	46.39 3.36 0.00	47.73 3.37 0.00	51.35 3.85 0.00	55.06 4.08 0.00	60.65 4.80 0.00	72.48 5.98 0.00	73.04 5.29 0.01	73.12 4.98 0.01	66.57 4.47 0.00	58.51 3.78 0.01	48.80 3.06 0.00	44.25 2.86 0.00
ST_LAW_115_BK7_LBMP 345037	38.24 -0.39 0.00	34.89 -0.42 0.00	32.85 -0.33 0.00	31.92 -0.29 0.00	32.41 -0.29 0.00	34.11 -0.24 0.00	36.65 -0.15 0.00	38.85 -0.16 0.00	38.34 -0.23 0.00	37.19 -0.22 0.00	38.55 -0.23 0.00	40.39 -0.20 0.00	42.78 -0.26 0.00	44.05 -0.31 0.00	47.13 -0.38 0.00	50.63 -0.35 0.00	55.29 -0.56 0.00	65.89 -0.60 0.00	67.15 -0.61 0.00	67.54 -0.61 0.00	61.54 -0.56 0.00	54.20 -0.55 0.00	45.42 -0.32 0.00	41.03 -0.37 0.00
ST_LAW_115_BK8_LBMP 345038	38.24 -0.39 0.00	34.89 -0.42 0.00	32.85 -0.33 0.00	31.92 -0.29 0.00	32.41 -0.29 0.00	34.11 -0.24 0.00	36.65 -0.15 0.00	38.85 -0.16 0.00	38.34 -0.23 0.00	37.19 -0.22 0.00	38.55 -0.23 0.00	40.39 -0.20 0.00	42.78 -0.26 0.00	44.05 -0.31 0.00	47.13 -0.38 0.00	50.63 -0.35 0.00	55.29 -0.56 0.00	65.89 -0.60 0.00	67.15 -0.61 0.00	67.54 -0.61 0.00	61.54 -0.56 0.00	54.20 -0.55 0.00	45.42 -0.32 0.00	41.03 -0.37 0.00
ST_LAW_230_BK5_LBMP 345035	38.28 -0.35 0.00	34.93 -0.39 0.00	32.88 -0.30 0.00	31.95 -0.26 0.00	32.44 -0.26 0.00	34.14 -0.20 0.00	36.69 -0.11 0.00	38.89 -0.12 0.00	38.38 -0.19 0.00	37.22 -0.19 0.00	38.59 -0.19 0.00	40.43 -0.16 0.00	42.87 -0.17 0.00	44.09 -0.26 0.00	47.22 -0.28 0.00	50.68 -0.30 0.00	55.40 -0.45 0.00	65.96 -0.53 0.00	67.21 -0.54 0.00	67.68 -0.47 0.00	61.60 -0.50 0.00	54.30 -0.44 0.00	45.46 -0.27 0.00	41.07 -0.33 0.00
ST_LAW_230_BK6_LBMP 345036	38.28 -0.35 0.00	34.93 -0.39 0.00	32.88 -0.30 0.00	31.95 -0.26 0.00	32.44 -0.26 0.00	34.14 -0.20 0.00	36.69 -0.11 0.00	38.89 -0.12 0.00	38.38 -0.19 0.00	37.22 -0.19 0.00	38.59 -0.19 0.00	40.43 -0.16 0.00	42.87 -0.17 0.00	44.09 -0.26 0.00	47.22 -0.28 0.00	50.68 -0.30 0.00	55.40 -0.45 0.00	65.96 -0.53 0.00	67.21 -0.54 0.00	67.68 -0.47 0.00	61.60 -0.50 0.00	54.30 -0.44 0.00	45.46 -0.27 0.00	41.07 -0.33 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	40.25 1.62 0.00	36.83 1.52 0.00	34.54 1.36 0.00	33.53 1.32 0.00	33.95 1.24 0.00	35.55 1.20 0.00	38.09 1.29 0.00	40.65 1.64 0.00	40.50 1.93 0.00	39.24 1.83 0.00	40.87 2.09 0.00	42.98 2.39 0.00	45.79 2.75 0.00	47.15 2.79 0.00	50.69 3.18 0.00	54.30 3.31 0.00	59.82 3.97 0.00	71.41 4.92 0.00	72.16 4.40 0.01	72.30 4.16 0.01	65.70 3.60 0.00	57.80 3.07 0.01	48.21 2.47 0.00	43.67 2.28 0.00
SWANROAD_115KV_TB1 355699	34.38 -4.25 0.00	31.11 -4.20 0.00	29.27 -3.92 0.00	28.31 -3.90 0.00	28.81 -3.89 0.00	30.16 -4.19 0.00	31.94 -4.86 0.00	33.65 -5.34 0.01	33.36 -5.21 0.00	32.66 -4.75 0.00	33.97 -4.81 0.00	35.27 -5.32 0.00	36.97 -5.98 0.09	38.68 -5.63 0.05	40.49 -6.27 0.75	41.50 -6.42 3.06	44.78 -6.65 4.42	50.45 -8.51 7.53	54.19 -9.08 4.49	55.23 -9.34 3.59	51.50 -7.58 3.02	45.29 -6.95 2.50	39.17 -5.44 1.13	35.19 -5.34 0.87
SYNERGY___BIOGAS 323694	36.31 -2.32 0.00	32.91 -2.40 0.00	30.92 -2.26 0.00	29.92 -2.29 0.00	30.55 -2.16 0.00	32.04 -2.30 0.00	33.93 -2.87 0.00	35.84 -3.16 0.01	35.52 -3.05 0.00	34.72 -2.69 0.00	36.02 -2.75 0.00	37.42 -3.17 0.00	39.31 -3.66 0.07	41.11 -3.19 0.05	43.26 -3.61 0.64	44.81 -3.52 2.66	48.15 -3.85 3.85	55.25 -4.92 6.32	59.01 -4.68 4.07	59.70 -4.98 3.48	55.53 -3.48 3.09	48.87 -3.45 2.43	41.84 -2.74 1.16	37.61 -2.94 0.85
SYRACUSE___ENERGY_ST1 323597	38.28 -0.35 0.00	35.03 -0.28 0.00	32.88 -0.30 0.00	31.92 -0.29 0.00	32.44 -0.26 0.00	34.10 -0.24 0.00	36.50 -0.29 0.00	38.66 -0.35 0.00	38.15 -0.42 0.00	37.07 -0.34 0.00	38.39 -0.39 0.00	40.52 -0.53 -0.47	43.68 -0.56 -1.20	45.17 -0.49 -1.30	48.60 -0.48 -1.57	50.79 -0.46 -0.27	55.29 -0.56 0.00	65.66 -0.86 -0.03	67.01 -0.75 0.00	67.47 -0.68 0.00	61.66 -0.43 0.00	54.30 -0.44 0.00	45.28 -0.46 0.00	40.99 -0.41 0.00
SYRACUSE___ENERGY_ST2 323598	38.28 -0.35 0.00	35.03 -0.28 0.00	32.88 -0.30 0.00	31.92 -0.29 0.00	32.44 -0.26 0.00	34.10 -0.24 0.00	36.50 -0.29 0.00	38.66 -0.35 0.00	38.15 -0.42 0.00	37.07 -0.34 0.00	38.39 -0.39 0.00	40.52 -0.53 -0.47	43.68 -0.56 -1.20	45.17 -0.49 -1.30	48.60 -0.48 -1.57	50.79 -0.46 -0.27	55.29 -0.56 0.00	65.66 -0.86 -0.03	67.01 -0.75 0.00	67.47 -0.68 0.00	61.66 -0.43 0.00	54.30 -0.44 0.00	45.28 -0.46 0.00	40.99 -0.41 0.00
SYRACUSE___POWER 24017	38.24 -0.39 0.00	35.00 -0.32 0.00	32.85 -0.33 0.00	31.85 -0.35 0.00	32.38 -0.33 0.00	34.04 -0.31 0.00	36.43 -0.37 0.00	38.58 -0.43 0.00	38.11 -0.46 0.00	37.04 -0.37 0.00	38.35 -0.43 -0.31	40.37 -0.53 -0.79	43.27 -0.56 -0.85	44.68 -0.53 -0.85	47.91 -0.52 -0.93	50.18 -0.46 0.35	54.52 -0.56 0.78	64.56 -0.86 1.06	66.05 -0.75 0.96	66.47 -0.68 1.00	60.64 -0.50 0.96	53.55 -0.49 0.70	44.88 -0.50 0.36	40.66 -0.50 0.24
TALLMAN__138KV_BK151 55660	40.44 1.82 0.00	37.05 1.73 0.00	34.71 1.53 0.00	33.72 1.51 0.00	34.11 1.41 0.00	35.68 1.34 0.00	38.27 1.47 0.00	40.92 1.91 0.00	40.77 2.20 0.00	39.54 2.13 0.00	41.22 2.44 0.00	43.39 2.80 0.00	46.22 3.18 0.00	47.60 3.24 0.00	51.16 3.66 0.00	54.80 3.82 0.00	60.43 4.58 0.00	72.14 5.65 0.00	72.83 5.08 0.01	72.91 4.77 0.01	66.20 4.10 0.00	58.24 3.50 0.01	48.57 2.84 0.00	43.96 2.57 0.00
TEALLAVE_115KV_TB7 355573	38.09 -0.54 0.00	34.86 -0.46 0.00	32.72 -0.46 0.00	31.73 -0.48 0.00	32.28 -0.43 0.00	33.90 -0.45 0.00	36.28 -0.52 0.00	38.46 -0.55 0.00	37.99 -0.58 0.00	36.92 -0.49 0.00	38.24 -0.54 -0.26	40.15 -0.69 -0.65	42.96 -0.73 -0.70	44.39 -0.67 -0.70	47.51 -0.71 -0.72	49.76 -0.66 0.56	54.03 -0.78 1.04	63.85 -1.20 1.44	65.38 -1.08 1.29	65.78 -1.02 1.35	60.06 -0.75 1.29	53.04 -0.77 0.94	44.52 -0.73 0.48	40.41 -0.66 0.33
TELGRAPH_34_KV_EAST 80808	35.62 -3.01 0.00	32.28 -3.04 0.00	30.33 -2.85 0.00	29.34 -2.87 0.00	29.93 -2.78 0.00	31.36 -2.99 0.00	33.19 -3.61 0.00	35.02 -3.98 0.01	34.71 -3.86 0.00	33.97 -3.44 0.00	35.29 -3.49 0.00	36.65 -3.94 0.00	38.48 -4.48 0.08	40.23 -4.08 0.05	42.26 -4.56 0.68	43.61 -4.54 2.83	46.79 -4.97 4.09	53.34 -6.32 6.84	57.21 -6.30 4.24	58.03 -6.61 3.51	54.00 -5.03 3.07	47.47 -4.82 2.45	40.80 -3.80 1.14	36.70 -3.85 0.85

TEMPLE___115KV_TB 2 55572	38.13 -0.50 0.00	34.86 -0.46 0.00	32.75 -0.43 0.00	31.76 -0.45 0.00	32.28 -0.43 0.00	33.93 -0.41 0.00	36.32 -0.48 0.00	38.46 -0.55 0.00	37.99 -0.58 0.00	36.96 -0.45 0.00	38.27 -0.50 0.00	40.19 -0.65 -0.26	43.00 -0.69 -0.65	44.43 -0.62 -0.70	47.55 -0.67 -0.71	49.80 -0.61 0.57	54.01 -0.78 1.06	63.90 -1.13 1.47	65.43 -1.02 1.32	65.83 -0.95 1.37	60.04 -0.75 1.31	53.07 -0.71 0.96	44.56 -0.69 0.49	40.44 -0.62 0.33
TIANA___69_KV_BK 1 55817	41.80 3.17 0.00	38.78 3.46 0.00	36.57 3.38 0.00	35.49 3.29 0.00	35.72 3.01 0.00	37.40 3.06 0.00	39.82 3.02 0.00	42.25 3.24 0.00	42.81 4.24 0.00	41.49 4.08 0.00	44.10 4.34 -0.98	45.55 4.59 -0.38	48.00 4.95 -0.02	51.71 4.92 -2.43	54.93 5.18 -2.25	60.57 5.35 -4.23	63.83 6.59 -1.38	75.75 8.24 -1.01	76.01 7.52 -0.73	79.12 6.75 -4.22	67.67 5.46 -0.11	59.67 4.82 -0.11	50.17 4.44 0.00	45.58 4.18 0.00
TILDEN___115KV_TB1 80814	38.24 -0.39 0.00	35.00 -0.32 0.00	32.85 -0.33 0.00	31.85 -0.35 0.00	32.38 -0.33 0.00	34.04 -0.31 0.00	36.43 -0.37 0.00	38.58 -0.43 0.00	38.11 -0.46 0.00	37.04 -0.37 0.00	38.35 -0.43 0.00	40.37 -0.53 -0.31	43.27 -0.56 -0.79	44.68 -0.53 -0.85	47.91 -0.52 -0.93	50.18 -0.46 0.35	54.52 -0.56 0.78	64.56 -0.86 1.06	66.05 -0.75 0.96	66.47 -0.68 1.00	60.64 -0.50 0.96	53.55 -0.49 0.70	44.88 -0.50 0.36	40.66 -0.50 0.24
TRIGEN___CC 323695	41.29 2.67 0.00	37.86 2.54 0.00	35.47 2.29 0.00	34.40 2.19 0.00	34.80 2.09 0.00	36.37 2.03 0.00	38.86 2.06 0.00	41.50 2.50 0.00	41.73 3.16 0.00	40.52 3.11 0.00	43.13 3.37 -0.98	44.74 3.77 -0.38	47.23 4.17 -0.02	54.69 4.26 -6.08	68.92 4.75 -16.66	87.33 5.00 -31.35	71.96 5.81 -10.30	81.26 7.25 -7.53	79.89 6.64 -5.49	105.90 6.41 -31.34	68.36 5.40 -0.86	60.33 4.71 -0.88	49.58 3.84 0.00	45.00 3.60 0.00
TRINITY___115KV___ 4 BK 55933	39.21 0.58 0.00	35.91 0.60 0.00	33.75 0.56 0.00	32.72 0.52 0.00	33.20 0.49 0.00	34.83 0.48 0.00	37.17 0.37 0.00	39.36 0.35 0.00	38.88 0.31 0.00	37.60 0.19 0.00	38.97 0.19 0.00	40.87 0.28 0.00	43.34 0.30 0.00	44.67 0.31 0.00	47.84 0.33 0.00	51.29 0.31 0.00	56.19 0.34 0.00	66.89 0.40 0.00	68.16 0.41 0.00	68.56 0.41 0.00	62.47 0.37 0.00	55.24 0.49 0.00	46.20 0.46 0.00	42.06 0.66 0.00
UNION___PROCESSING_DRP 323587	36.81 -1.82 0.00	33.51 -1.80 0.00	31.46 -1.73 0.00	30.47 -1.74 0.00	31.07 -1.64 0.00	32.59 -1.75 0.00	34.66 -2.13 0.00	36.75 -2.26 0.00	36.41 -2.16 0.00	35.54 -1.87 0.00	36.84 -1.94 0.00	38.40 -2.19 0.00	40.38 -2.63 0.03	42.18 -2.13 0.05	44.46 -2.66 0.38	46.88 -2.35 1.76	50.24 -3.02 2.60	58.74 -4.12 3.63	61.37 -3.18 3.21	61.35 -3.48 3.33	56.53 -2.36 3.21	50.06 -2.35 2.33	42.62 -1.92 1.20	38.52 -2.07 0.81
UPPER HUDSON___HYD 24058	41.14 2.51 0.00	37.68 2.37 0.00	35.37 2.19 0.00	34.21 2.00 0.00	34.80 2.10 0.00	36.58 2.23 0.00	38.93 2.13 0.00	41.15 2.14 0.00	40.35 1.78 0.00	38.83 1.42 0.00	39.86 1.08 0.00	41.85 1.26 0.00	44.24 1.20 0.00	45.64 1.29 0.00	49.07 1.57 0.00	52.87 1.89 0.00	57.86 2.01 0.00	69.22 2.73 0.00	71.48 3.72 0.00	72.04 3.88 0.00	66.26 4.16 0.00	58.69 3.94 0.00	48.80 3.06 0.00	44.30 2.90 0.00
UPPER RAQUET___HYD 24056	37.55 -1.08 0.00	34.26 -1.06 0.00	32.29 -0.89 0.00	31.37 -0.84 0.00	31.96 -0.75 0.00	33.73 -0.62 0.00	36.28 -0.52 0.00	38.35 -0.66 0.00	37.72 -0.85 0.00	36.36 -1.05 0.00	37.65 -1.13 0.00	39.52 -1.14 -0.07	41.89 -1.33 -0.18	43.09 -1.46 -0.20	46.23 -1.52 -0.24	49.34 -1.68 -0.04	53.95 -1.90 0.00	64.30 -2.19 0.00	65.59 -2.17 0.00	66.11 -2.04 0.00	60.11 -1.99 0.00	52.99 -1.75 0.00	44.55 -1.19 0.00	40.20 -1.20 0.00
VALLEY44_115KV_TB2 355964	35.31 -3.32 0.00	32.00 -3.32 0.00	30.06 -3.12 0.00	29.08 -3.12 0.00	29.53 -3.17 0.00	30.98 -3.37 0.00	33.01 -3.79 0.00	34.67 -4.33 0.01	34.29 -4.28 0.00	33.48 -3.93 0.00	34.90 -3.88 0.00	36.28 -4.30 0.00	38.84 -4.13 0.06	39.21 -5.10 0.04	43.53 -3.42 0.55	42.90 -5.76 2.32	47.01 -5.47 3.37	57.81 -3.26 5.42	56.69 -7.45 3.62	57.64 -7.36 3.16	52.82 -6.64 2.63	46.14 -6.40 2.20	39.36 -5.40 0.98	35.33 -5.30 0.77
VALLEY___115KV_TB 1-4 80826	38.86 0.23 0.00	35.56 0.25 0.00	33.41 0.23 0.00	32.43 0.23 0.00	32.94 0.23 0.00	34.62 0.27 0.00	37.09 0.29 0.00	39.28 0.27 0.00	38.80 0.23 0.00	37.60 0.19 0.00	39.01 0.23 0.00	40.83 0.24 0.00	43.29 0.26 0.00	44.67 0.31 0.00	47.79 0.29 0.00	51.19 0.20 0.00	56.13 0.28 0.00	66.82 0.33 0.00	68.10 0.34 0.00	68.36 0.20 0.00	62.16 0.06 0.00	54.80 0.05 0.00	45.78 0.05 0.00	41.56 0.17 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	39.94 1.31 0.00	36.52 1.20 0.00	34.28 1.09 0.00	33.27 1.06 0.00	33.79 1.08 0.00	35.48 1.13 0.00	37.98 1.18 0.00	40.26 1.25 0.00	39.81 1.23 0.00	38.57 1.16 0.00	40.10 1.32 0.00	42.10 1.42 -0.09	44.86 1.59 -0.23	46.30 1.69 -0.25	49.76 1.95 -0.31	52.92 1.89 -0.05	58.14 2.29 0.01	69.30 2.79 -0.01	70.52 2.78 0.02	70.77 2.66 0.04	64.40 2.30 0.00	56.80 2.08 0.03	47.34 1.60 0.00	42.92 1.53 0.01
VISCHER___FERRY HYD 24020	39.83 1.20 0.00	36.48 1.16 0.00	34.27 1.09 0.00	33.21 1.00 0.00	33.72 1.02 0.00	35.41 1.07 0.00	37.75 0.96 0.00	39.87 0.86 0.00	39.34 0.77 0.00	38.01 0.60 0.00	39.32 0.54 0.00	41.23 0.65 0.00	43.68 0.65 0.00	45.11 0.75 0.00	48.31 0.81 0.00	51.80 0.81 0.00	56.74 0.89 0.00	67.69 1.20 0.00	69.18 1.43 0.00	69.65 1.50 0.00	63.46 1.36 0.00	56.16 1.42 0.00	46.92 1.19 0.00	42.68 1.28 0.00
V_A_10_SYNC_DSASP 323832	35.62 -3.01 0.00	32.31 -3.00 0.00	30.39 -2.79 0.00	29.41 -2.80 0.00	29.93 -2.78 0.00	31.36 -2.99 0.00	33.27 -3.53 0.00	35.18 -3.82 0.01	34.83 -3.74 0.00	34.04 -3.37 0.00	35.37 -3.41 0.00	36.73 -3.86 0.00	38.49 -4.48 0.07	40.36 -3.95 0.05	42.15 -4.70 0.65	43.84 -4.44 2.71	46.59 -5.36 3.90	52.79 -7.18 6.52	57.61 -6.17 3.98	58.54 -6.41 3.21	53.91 -4.91 3.29	47.90 -4.60 2.24	40.85 -3.66 1.23	36.93 -3.68 0.78
V_CMM_10_SYNC_DSASP 323787	38.40 -0.23 0.00	35.00 -0.32 0.00	32.98 -0.20 0.00	32.02 -0.19 0.00	32.54 -0.16 0.00	34.24 -0.10 0.00	36.76 -0.04 0.00	38.97 -0.04 0.00	38.49 -0.08 0.00	37.34 -0.07 0.00	38.66 -0.12 0.00	40.55 -0.04 0.00	42.99 -0.04 0.00	44.22 -0.13 0.00	47.32 -0.19 0.00	50.83 -0.15 0.00	55.29 -0.56 0.00	65.89 -0.60 0.00	67.15 -0.61 0.00	67.61 -0.55 0.00	61.54 -0.56 0.00	54.25 -0.49 0.00	45.60 -0.14 0.00	41.15 -0.25 0.00
V_CMP_10_SYNC_DSASP 323788	38.28 -0.35 0.00	34.89 -0.42 0.00	32.95 -0.23 0.00	32.02 -0.19 0.00	32.54 -0.16 0.00	34.28 -0.07 0.00	36.80 0.00 0.00	39.09 0.08 0.00	38.57 0.00 0.00	37.45 0.04 0.00	38.78 0.00 0.00	40.71 0.12 0.00	43.17 0.13 0.00	44.36 0.00 0.00	47.51 0.00 0.00	50.98 0.00 0.00	55.80 -0.06 0.00	66.56 0.07 0.00	67.83 0.07 0.00	68.29 0.14 0.00	62.16 0.06 0.00	54.63 -0.11 0.00	45.69 -0.05 0.00	41.23 -0.17 0.00

V_D_10_SYNC_DSASP 323841	38.40 -0.23 0.00	35.03 -0.28 0.00	32.98 -0.20 0.00	32.05 -0.16 0.00	32.54 -0.16 0.00	34.31 -0.03 0.00	36.80 0.00 0.00	39.01 0.00 0.00	38.49 -0.08 0.00	37.30 -0.11 0.00	38.62 -0.16 0.00	40.51 -0.08 0.00	42.91 -0.13 0.00	44.14 -0.22 0.00	47.27 -0.24 0.00	50.78 -0.20 0.00	55.46 -0.39 0.00	66.16 -0.33 0.00	67.42 -0.34 0.00	67.81 -0.34 0.00	61.73 -0.37 0.00	54.41 -0.33 0.00	45.65 -0.09 0.00	41.19 -0.21 0.00
V_E_10_SYNC_DSASP 323830	40.56 1.93 0.00	37.05 1.73 0.00	34.74 1.56 0.00	33.76 1.55 0.00	34.31 1.60 0.00	36.17 1.82 0.00	38.68 1.88 0.00	40.73 1.72 0.00	39.92 1.35 0.00	38.57 1.16 0.00	39.94 1.16 0.00	41.92 1.14 -0.19	44.84 1.29 -0.51	46.35 1.46 -0.53	49.98 1.81 -0.67	52.75 1.68 -0.08	57.90 2.12 0.08	69.77 2.99 -0.28	70.82 3.46 0.40	71.02 3.61 0.75	64.79 3.35 0.66	57.01 2.79 0.52	47.50 2.01 0.25	43.00 1.78 0.18
V_F_30_NSYNC___DSASP 323816	40.41 1.78 0.00	37.01 1.70 0.00	34.74 1.56 0.00	33.66 1.45 0.00	34.18 1.47 0.00	35.89 1.55 0.00	38.27 1.47 0.00	40.41 1.40 0.00	39.77 1.20 0.00	38.38 0.97 0.00	39.67 0.89 0.00	41.60 1.01 0.00	44.07 1.03 0.00	45.51 1.15 0.00	48.88 1.38 0.00	52.51 1.53 0.00	57.53 1.68 0.00	68.69 2.19 0.00	70.33 2.57 0.00	70.88 2.73 0.00	64.71 2.61 0.00	57.26 2.52 0.00	47.75 2.01 0.00	43.39 1.99 0.00
V_F_30_SYNC_DSASP 323786	39.32 0.70 0.00	36.06 0.74 0.00	33.84 0.66 0.00	32.82 0.61 0.00	33.30 0.59 0.00	34.93 0.58 0.00	37.28 0.48 0.00	39.48 0.47 0.00	39.00 0.42 0.00	37.71 0.30 0.00	39.09 0.31 0.00	40.99 0.41 0.00	43.47 0.43 0.00	44.85 0.49 0.00	48.03 0.52 0.00	51.49 0.51 0.00	56.47 0.61 0.00	67.22 0.73 0.00	68.50 0.75 0.00	68.90 0.75 0.00	62.72 0.62 0.00	55.45 0.71 0.00	46.38 0.64 0.00	42.23 0.83 0.00
V_XM_10_SYNC_DSASP 323789	38.28 -0.35 0.00	34.89 -0.42 0.00	32.95 -0.23 0.00	32.02 -0.19 0.00	32.54 -0.16 0.00	34.28 -0.07 0.00	36.80 0.00 0.00	39.09 0.08 0.00	38.57 0.00 0.00	37.45 0.04 0.00	38.78 0.00 0.00	40.71 0.12 0.00	43.17 0.13 0.00	44.36 0.00 0.00	47.51 0.00 0.00	50.98 0.00 0.00	55.80 -0.06 0.00	66.56 0.07 0.00	67.83 0.07 0.00	68.29 0.14 0.00	62.16 0.06 0.00	54.63 -0.11 0.00	45.69 -0.05 0.00	41.23 -0.17 0.00
W.BABYLN_69_KV_BK1 56697	42.14 3.52 0.00	38.70 3.39 0.00	36.23 3.05 0.00	35.11 2.90 0.00	35.49 2.78 0.00	37.13 2.78 0.00	39.56 2.76 0.00	42.25 3.24 0.00	42.66 4.09 0.00	41.41 4.00 0.00	44.06 4.30 -0.98	45.64 4.67 -0.38	48.17 5.12 -0.02	52.93 5.23 -3.34	59.02 5.65 -5.86	67.87 5.86 -11.03	66.34 6.87 -3.62	77.71 8.58 -2.64	77.68 8.00 -1.92	86.74 7.57 -11.02	68.79 6.40 -0.30	60.74 5.69 -0.30	50.68 4.94 0.00	45.91 4.51 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	40.56 1.93 0.00	37.15 1.84 0.00	34.81 1.63 0.00	33.82 1.61 0.00	34.21 1.50 0.00	35.79 1.44 0.00	38.38 1.58 0.00	41.04 2.03 0.00	40.89 2.31 0.00	39.65 2.24 0.00	41.34 2.56 0.00	43.51 2.92 0.00	46.35 3.31 0.00	47.73 3.37 0.00	51.31 3.80 0.00	55.01 4.03 0.00	60.60 4.75 0.00	72.41 5.92 0.00	73.04 5.29 0.01	73.12 4.98 0.01	66.38 4.28 0.00	58.40 3.67 0.01	48.71 2.97 0.00	44.13 2.73 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	40.87 2.24 0.00	37.43 2.12 0.00	35.07 1.89 0.00	34.08 1.87 0.00	34.47 1.77 0.00	36.03 1.68 0.00	38.68 1.88 0.00	41.35 2.34 0.00	41.39 2.82 0.00	40.18 2.77 0.00	41.97 3.18 -0.01	44.19 3.57 -0.03	50.87 4.00 -3.83	58.85 4.08 -10.41	59.54 4.51 -7.52	59.91 4.74 -4.19	65.38 5.59 -3.94	73.34 6.85 0.00	73.92 6.17 0.01	73.94 5.79 0.01	67.00 4.91 0.00	59.00 4.27 0.01	49.12 3.38 0.00	44.58 3.19 0.00
W50THST__13_KV_LOAD 356117	41.06 2.43 0.00	37.57 2.26 0.00	35.21 2.02 0.00	34.21 2.00 0.00	34.60 1.90 0.00	36.17 1.82 0.00	38.86 2.06 0.00	41.58 2.57 0.00	41.62 3.05 0.00	40.40 2.99 0.00	42.24 3.45 -0.01	44.47 3.86 -0.03	51.22 4.35 -3.83	59.20 4.44 -10.41	59.87 4.85 -7.52	60.27 5.10 -4.19	65.83 6.03 -3.94	73.81 7.31 0.00	74.39 6.64 0.01	74.34 6.20 0.01	67.32 5.22 0.00	59.28 4.54 0.01	49.35 3.61 0.00	44.79 3.39 0.00
WADING RIVER_IC_1 23522	41.45 2.82 0.00	38.39 3.07 0.00	36.37 3.19 0.00	35.20 3.00 0.00	35.42 2.71 0.00	37.06 2.71 0.00	39.41 2.61 0.00	41.78 2.77 0.00	42.32 3.74 -0.01	41.01 3.59 -0.01	43.52 3.76 -0.98	45.11 4.14 -0.38	47.31 4.26 -0.02	51.04 4.26 -2.42	54.21 4.46 -2.23	59.68 4.49 -4.21	62.64 5.42 -1.38	74.48 6.98 -1.01	74.79 6.30 -0.73	78.08 5.73 -4.20	66.87 4.66 -0.11	59.17 4.32 -0.10	49.68 3.93 -0.01	45.21 3.81 -0.01
WADING RIVER_IC_2 23547	41.45 2.82 0.00	38.39 3.07 0.00	36.37 3.19 0.00	35.20 3.00 0.00	35.42 2.71 0.00	37.06 2.71 0.00	39.41 2.61 0.00	41.78 2.77 0.00	42.32 3.74 -0.01	41.01 3.59 -0.01	43.52 3.76 -0.98	45.11 4.14 -0.38	47.31 4.26 -0.02	51.04 4.26 -2.42	54.21 4.46 -2.23	59.68 4.49 -4.21	62.64 5.42 -1.38	74.48 6.98 -1.01	74.79 6.30 -0.73	78.08 5.73 -4.20	66.87 4.66 -0.11	59.17 4.32 -0.10	49.68 3.93 -0.01	45.21 3.81 -0.01
WADING RIVER_IC_3 23601	41.45 2.82 0.00	38.39 3.07 0.00	36.37 3.19 0.00	35.20 3.00 0.00	35.42 2.71 0.00	37.06 2.71 0.00	39.41 2.61 0.00	41.78 2.77 0.00	42.32 3.74 -0.01	41.01 3.59 -0.01	43.52 3.76 -0.98	45.11 4.14 -0.38	47.31 4.26 -0.02	51.04 4.26 -2.42	54.21 4.46 -2.23	59.68 4.49 -4.21	62.64 5.42 -1.38	74.48 6.98 -1.01	74.79 6.30 -0.73	78.08 5.73 -4.20	66.87 4.66 -0.11	59.17 4.32 -0.10	49.68 3.93 -0.01	45.21 3.81 -0.01
WALDENNY_12_KV_BK2 80841	35.54 -3.09 0.00	32.14 -3.18 0.00	30.23 -2.95 0.00	29.21 -3.00 0.00	29.73 -2.98 0.00	31.15 -3.19 0.00	33.01 -3.79 0.00	34.74 -4.25 0.01	34.48 -4.09 0.00	33.78 -3.63 0.00	35.21 -3.57 0.00	36.57 -4.02 0.00	38.54 -4.39 0.10	39.96 -4.35 0.05	42.40 -4.28 0.83	42.69 -4.95 3.35	45.68 -5.36 4.81	52.41 -5.72 8.36	56.24 -6.84 4.67	57.68 -7.02 3.45	53.51 -5.71 2.88	46.86 -5.47 2.41	40.27 -4.39 1.07	36.13 -4.43 0.84
WALDEN___HYDRO 24148	40.48 1.85 0.00	37.05 1.73 0.00	34.71 1.53 0.00	33.72 1.51 0.00	34.11 1.41 0.00	35.72 1.37 0.00	38.27 1.47 0.00	40.84 1.83 0.00	40.65 2.08 0.00	39.39 1.98 0.00	40.99 2.21 0.00	43.14 2.56 0.00	45.96 2.93 0.00	47.33 2.97 0.00	50.93 3.42 0.00	54.55 3.57 0.00	60.09 4.24 0.00	71.81 5.32 0.00	72.43 4.68 0.01	72.64 4.50 0.01	66.07 3.97 0.00	58.13 3.39 0.01	48.44 2.70 0.00	43.92 2.53 0.00
WARRENSBURG____ 23737	41.14 2.51 0.00	37.68 2.37 0.00	35.37 2.19 0.00	34.21 2.00 0.00	34.80 2.09 0.00	36.58 2.23 0.00	38.97 2.17 0.00	41.15 2.15 0.00	40.35 1.77 0.00	38.83 1.42 0.00	39.90 1.12 0.00	41.85 1.26 0.00	44.24 1.21 0.00	45.60 1.24 0.00	49.12 1.62 0.00	52.87 1.89 0.00	57.86 2.01 0.00	69.22 2.73 0.00	71.48 3.73 0.00	72.04 3.88 0.00	66.26 4.16 0.00	58.68 3.94 0.00	48.80 3.06 0.00	44.30 2.90 0.00

WATERSIDE___6 8 9 23538	40.83 2.20 0.00	37.36 2.05 0.00	35.11 1.92 0.00	34.11 1.90 0.00	34.47 1.77 0.00	35.96 1.61 0.00	38.53 1.73 0.00	41.19 2.18 0.00	41.23 2.66 0.00	40.07 2.66 0.00	41.93 3.14 -0.01	44.11 3.49 -0.03	50.90 3.92 -3.94	59.02 3.95 -10.72	59.61 4.37 -7.74	59.83 4.54 -4.31	65.22 5.31 -4.06	72.87 6.38 0.00	73.38 5.62 0.01	73.38 5.25 0.02	66.44 4.35 0.01	58.84 4.11 0.01	49.03 3.29 0.00	44.58 3.19 0.00
WATKINRD_115KV_LN8_ILLION 55919	38.78 0.15 0.00	35.49 0.18 0.00	33.35 0.17 0.00	32.37 0.16 0.00	32.87 0.16 0.00	34.52 0.17 0.00	36.98 0.18 0.00	39.16 0.16 0.00	38.73 0.15 0.00	37.52 0.11 0.00	38.93 0.16 0.00	40.71 0.12 0.00	43.21 0.17 0.00	44.53 0.18 0.00	47.65 0.14 0.00	51.08 0.10 0.00	56.02 0.17 0.00	66.69 0.20 0.00	68.03 0.27 0.00	68.29 0.14 0.00	62.16 0.06 0.00	54.80 0.05 0.00	45.78 0.05 0.00	41.52 0.12 0.00
WDELAWARE___HYD 323627	40.29 1.66 0.00	36.83 1.52 0.00	34.51 1.33 0.00	33.50 1.29 0.00	33.92 1.21 0.00	35.55 1.20 0.00	38.09 1.29 0.00	40.65 1.64 0.00	40.38 1.81 0.00	39.10 1.69 0.00	40.64 1.86 0.00	42.78 2.19 0.00	45.58 2.54 0.00	47.02 2.66 0.00	50.59 3.09 0.00	54.20 3.21 0.00	59.65 3.80 0.00	71.34 4.85 0.00	72.02 4.27 0.01	72.23 4.09 0.01	65.89 3.79 0.00	57.91 3.17 0.01	48.25 2.51 0.00	43.71 2.32 0.00
WEST BABYLON___IC 23714	42.14 3.52 0.00	38.70 3.39 0.00	36.23 3.05 0.00	35.11 2.90 0.00	35.49 2.78 0.00	37.13 2.78 0.00	39.56 2.76 0.00	42.25 3.24 0.00	42.66 4.09 0.00	41.41 4.00 0.00	44.06 4.30 -0.98	45.64 4.67 -0.38	48.17 5.12 -0.02	52.93 5.23 -3.34	59.02 5.65 -5.86	67.87 5.86 -11.03	66.34 6.87 -3.62	77.71 8.58 -2.64	77.68 8.00 -1.92	86.74 7.57 -11.02	68.79 6.40 -0.30	60.74 5.69 -0.30	50.68 4.94 0.00	45.91 4.51 0.00
WEST CANADA___HYD 24049	38.71 0.08 0.00	35.42 0.11 0.00	33.28 0.10 0.00	32.27 0.06 0.00	32.77 0.07 0.00	34.41 0.07 0.00	36.84 0.04 0.00	39.05 0.04 0.00	38.61 0.04 0.00	37.45 0.04 0.00	38.82 0.04 0.00	40.63 0.04 0.00	43.08 0.04 0.00	44.40 0.04 0.00	47.55 0.05 0.00	51.03 0.05 0.00	55.91 0.06 0.00	66.56 0.07 0.00	67.89 0.14 0.00	68.22 0.07 0.00	62.16 0.06 0.00	54.85 0.11 0.00	45.78 0.05 0.00	41.48 0.08 0.00
WESTERN_NY_WIND 24143	36.23 -2.40 0.00	32.84 -2.47 0.00	30.86 -2.32 0.00	29.86 -2.35 0.00	30.48 -2.22 0.00	31.98 -2.37 0.00	33.85 -2.94 0.00	35.76 -3.24 0.01	35.41 -3.16 0.00	34.64 -2.77 0.00	35.95 -2.83 0.00	37.34 -3.25 0.00	39.22 -3.74 0.07	41.03 -3.28 0.05	43.15 -3.71 0.66	44.64 -3.62 2.73	47.94 -3.97 3.95	54.91 -5.05 6.52	58.74 -4.88 4.14	59.48 -5.18 3.49	55.35 -3.66 3.08	48.69 -3.61 2.44	41.75 -2.84 1.15	37.53 -3.02 0.85
WESTOVER___LESR 323668	38.82 0.19 0.00	35.49 0.18 0.00	33.28 0.10 0.00	32.31 0.10 0.00	32.80 0.10 0.00	34.45 0.10 0.00	36.87 0.07 0.00	39.05 0.04 0.00	38.57 0.00 0.00	37.49 0.07 0.00	38.86 0.08 0.00	40.82 0.04 -0.19	43.66 0.13 -0.49	44.96 0.09 -0.52	48.46 0.33 -0.62	51.18 0.25 0.06	55.92 0.34 0.27	67.02 0.60 0.06	67.52 0.34 0.58	67.63 0.34 0.87	61.78 0.43 0.76	54.41 0.27 0.61	45.59 0.14 0.28	41.27 0.08 0.21
WETHRSFD_WT_PWR 323626	36.27 -2.36 0.00	32.98 -2.33 0.00	30.92 -2.26 0.00	30.12 -2.09 0.00	30.42 -2.29 0.00	31.87 -2.47 0.00	33.82 -2.98 0.00	35.54 -3.43 0.04	35.14 -3.43 0.00	34.42 -2.99 0.00	35.48 -3.30 0.00	37.14 -3.45 0.00	38.87 -3.87 0.29	40.33 -3.99 0.04	41.73 -3.80 1.97	39.54 -4.13 7.31	40.98 -4.58 10.29	40.81 -5.06 20.62	54.20 -5.62 7.93	59.55 -5.66 2.95	55.21 -4.41 2.48	48.42 -4.27 2.06	41.29 -3.52 0.93	37.08 -3.60 0.72
WHAVSTOR_138KV_BK127 55557	40.41 1.78 0.00	37.01 1.70 0.00	34.71 1.53 0.00	33.69 1.48 0.00	34.11 1.41 0.00	35.68 1.34 0.00	38.27 1.47 0.00	40.88 1.87 0.00	40.77 2.20 0.00	39.54 2.13 0.00	41.22 2.44 0.00	43.39 2.80 0.00	46.22 3.18 0.00	47.60 3.24 0.00	51.12 3.61 0.00	54.75 3.77 0.00	60.37 4.52 0.00	72.08 5.59 0.00	72.77 5.01 0.01	72.85 4.70 0.01	66.07 3.97 0.00	58.18 3.45 0.01	48.53 2.79 0.00	43.96 2.57 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	40.41 1.78 0.00	37.01 1.70 0.00	34.71 1.53 0.00	33.69 1.48 0.00	34.11 1.41 0.00	35.68 1.34 0.00	38.27 1.47 0.00	40.88 1.87 0.00	40.77 2.20 0.00	39.54 2.13 0.00	41.22 2.44 0.00	43.39 2.80 0.00	46.22 3.18 0.00	47.60 3.24 0.00	51.12 3.61 0.00	54.75 3.77 0.00	60.37 4.52 0.00	72.08 5.59 0.00	72.77 5.01 0.01	72.85 4.70 0.01	66.07 3.97 0.00	58.18 3.45 0.01	48.53 2.79 0.00	43.96 2.57 0.00
WHITEHAL_115KV_TB1 80871	42.03 3.40 0.00	38.49 3.18 0.00	36.17 2.99 0.00	34.91 2.71 0.00	35.52 2.81 0.00	37.40 3.06 0.00	39.78 2.98 0.00	41.93 2.93 0.00	40.96 2.39 0.00	39.36 1.95 0.00	40.45 1.67 0.00	42.41 1.83 0.00	44.89 1.85 0.00	46.40 2.04 0.00	49.98 2.47 0.00	53.89 2.91 0.00	58.98 3.13 0.00	70.68 4.19 0.00	73.04 5.29 0.00	73.81 5.66 0.00	67.87 5.78 0.00	60.11 5.36 0.00	49.95 4.21 0.00	45.33 3.93 0.00
WHITEPLN_13_KV_LOAD 356215	40.95 2.32 0.00	37.47 2.15 0.00	35.14 1.96 0.00	34.14 1.93 0.00	34.51 1.80 0.00	36.10 1.75 0.00	38.75 1.95 0.00	41.43 2.42 0.00	41.50 2.93 0.00	40.29 2.88 0.00	42.04 3.26 0.00	44.24 3.65 0.00	47.13 4.09 0.00	48.57 4.21 0.00	52.16 4.66 0.00	55.93 4.95 0.00	61.83 5.98 0.00	74.07 7.58 0.00	74.46 6.71 0.01	74.55 6.41 0.01	67.38 5.28 0.00	59.22 4.49 0.01	49.35 3.61 0.00	44.75 3.35 0.00
WM_FLOYD_69_KV_BK2 356380	41.72 3.09 0.00	38.63 3.32 0.00	36.37 3.19 0.00	35.24 3.03 0.00	35.49 2.78 0.00	37.13 2.78 0.00	39.56 2.76 0.00	42.01 3.00 0.00	42.47 3.90 0.00	41.19 3.78 0.00	43.75 3.99 -0.98	45.15 4.18 -0.38	47.57 4.52 -0.02	51.32 4.52 -2.44	54.54 4.75 -2.29	60.18 4.89 -4.31	63.29 6.03 -1.41	75.03 7.51 -1.03	75.41 6.91 -0.74	78.72 6.27 -4.30	67.36 5.15 -0.11	59.50 4.65 -0.11	50.04 4.30 0.00	45.45 4.06 0.00
WOODARD__115KV_TB2 355635	38.05 -0.58 0.00	34.82 -0.49 0.00	32.72 -0.46 0.00	31.73 -0.48 0.00	32.25 -0.46 0.00	33.90 -0.45 0.00	36.28 -0.52 0.00	38.42 -0.59 0.00	37.95 -0.62 0.00	36.89 -0.52 0.00	38.20 -0.58 0.00	40.20 -0.73 -0.34	43.13 -0.77 -0.87	44.58 -0.71 -0.94	47.79 -0.76 -1.04	49.95 -0.76 0.27	54.26 -0.89 0.69	64.28 -1.26 0.95	65.75 -1.15 0.86	66.17 -1.09 0.89	60.37 -0.87 0.86	53.30 -0.82 0.62	44.64 -0.78 0.32	40.48 -0.70 0.22
YORK___WARBASSE 23770	40.60 1.97 0.00	37.26 1.94 0.00	34.91 1.73 0.00	33.88 1.67 0.00	34.24 1.54 0.00	35.72 1.37 0.00	38.31 1.51 0.00	40.92 1.91 0.00	40.96 2.39 0.00	39.84 2.43 0.00	41.77 2.99 -0.01	44.06 3.45 -0.03	50.94 3.96 -3.94	59.11 4.04 -10.72	59.80 4.56 -7.74	60.14 4.84 -4.31	65.22 5.31 -4.06	72.81 6.32 0.00	73.24 5.49 0.01	73.18 5.04 0.02	66.31 4.22 0.01	59.00 4.27 0.01	49.08 3.34 0.00	44.58 3.19 0.00