

Time Weighted/Integrated Real Time LBMP- Generator

Generator Data		11/28/2024																							
Name	PTID	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
59TH STREET_GT_1 24138	EST	48.32	46.58	39.33	38.61	40.73	38.94	38.02	34.93	48.55	55.40	59.50	61.62	60.68	54.86	54.80	41.91	42.09	42.17	37.49	43.12	44.56	42.26	39.09	42.67
	EST	2.11	1.95	1.67	1.65	1.69	1.54	1.64	1.72	2.43	2.83	3.14	3.60	3.69	3.47	3.38	2.60	2.70	2.83	2.46	2.79	2.86	2.63	2.28	2.29
	EST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	0.00	0.00	0.00	-0.06	-1.85	-1.48	0.00
74TH STREET_GT_1 24260	EST	48.38	46.65	39.38	38.66	40.80	38.97	38.05	34.96	48.58	55.43	59.56	61.68	60.75	54.91	54.84	41.95	42.14	42.20	37.52	43.17	44.61	42.32	39.15	42.74
	EST	2.17	2.02	1.71	1.70	1.75	1.57	1.68	1.75	2.46	2.85	3.20	3.67	3.76	3.52	3.42	2.64	2.75	2.86	2.49	2.83	2.91	2.69	2.34	2.36
	EST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	0.00	0.00	0.00	-0.06	-1.85	-1.48	0.00
74TH STREET_GT_2 24261	EST	48.38	46.65	39.38	38.66	40.80	38.97	38.05	34.96	48.58	55.43	59.56	61.68	60.75	54.91	54.84	41.95	42.14	42.20	37.52	43.17	44.61	42.32	39.15	42.74
	EST	2.17	2.02	1.71	1.70	1.75	1.57	1.68	1.75	2.46	2.85	3.20	3.67	3.76	3.52	3.42	2.64	2.75	2.86	2.49	2.83	2.91	2.69	2.34	2.36
	EST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	0.00	0.00	0.00	-0.06	-1.85	-1.48	0.00
ADK HUDSON___FALLS 24011	EST	49.09	47.44	40.15	39.42	41.70	39.97	39.12	35.78	49.78	56.77	60.90	62.68	61.61	55.55	55.58	42.38	42.31	42.26	37.67	43.48	45.06	42.94	39.65	43.03
	EST	2.88	2.81	2.48	2.46	2.66	2.57	2.74	2.57	3.67	4.20	4.54	4.66	4.62	4.16	4.15	3.07	2.91	2.91	2.64	3.15	3.34	2.89	2.51	2.65
	EST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	0.00	0.00	0.00	-0.07	-2.26	-1.81	0.00
ADK RESOURCE___RCVRY 23798	EST	49.28	47.63	40.35	39.62	41.93	40.22	39.43	36.02	50.15	57.20	61.33	63.20	62.12	55.97	56.06	42.73	42.59	42.56	37.99	43.87	45.48	43.30	39.91	43.27
	EST	3.07	3.00	2.68	2.66	2.89	2.82	3.06	2.81	4.04	4.63	4.97	5.18	5.13	4.58	4.63	3.41	3.20	3.22	2.96	3.54	3.76	3.24	2.76	2.89
	EST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	0.00	0.00	0.00	-0.07	-2.27	-1.81	0.00
ADK S GLENS___FALLS 24028	EST	49.09	47.44	40.15	39.42	41.70	39.97	39.12	35.78	49.78	56.77	60.90	62.68	61.61	55.55	55.58	42.38	42.31	42.26	37.67	43.48	45.06	42.94	39.65	43.03
	EST	2.88	2.81	2.48	2.46	2.66	2.57	2.74	2.57	3.67	4.20	4.54	4.66	4.62	4.16	4.15	3.07	2.91	2.91	2.64	3.15	3.34	2.89	2.51	2.65
	EST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	0.00	0.00	0.00	-0.07	-2.26	-1.81	0.00
ADK_NYS___DAM 23527	EST	48.62	47.11	39.86	39.11	41.37	39.51	38.54	35.37	49.03	55.82	59.80	61.40	60.45	54.70	54.79	41.87	41.78	41.68	37.12	42.79	44.33	42.24	39.07	42.39
	EST	2.41	2.48	2.19	2.15	2.33	2.11	2.16	2.16	2.92	3.24	3.44	3.38	3.46	3.31	3.37	2.55	2.39	2.34	2.08	2.46	2.61	2.26	1.99	2.01
	EST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	0.00	0.00	0.00	-0.07	-2.19	-1.75	0.00
AIR_PRODUCTS___DRP 24190	EST	47.28	45.68	38.62	37.88	40.03	38.30	37.09	33.93	46.65	53.22	57.07	58.82	57.85	52.26	52.27	39.97	39.94	39.91	35.64	41.34	42.73	41.02	38.24	41.49
	EST	1.07	1.05	0.95	0.93	0.99	0.90	0.71	0.71	0.54	0.64	0.71	0.80	0.86	0.87	0.85	0.66	0.55	0.56	0.61	1.01	1.02	1.03	1.15	1.10
	EST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	0.00	0.00	0.00	-0.07	-2.20	-1.75	0.00
AKWESSNE_115KV_BK 355683	EST	47.42	46.12	38.78	38.15	40.21	38.52	37.64	34.02	47.67	54.12	57.11	57.95	56.73	50.87	51.31	39.22	39.58	39.50	34.83	40.11	41.47	37.66	35.31	41.18
	EST	1.21	1.49	1.11	1.19	1.16	1.12	1.27	0.80	1.55	1.55	0.75	-0.07	-0.26	-0.52	-0.08	-0.09	0.19	0.16	-0.20	-0.22	-0.17	-0.12	-0.03	0.80
	EST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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 323833	EST	48.03	46.44	39.27	38.55	40.74	38.99	37.83	34.61	47.83	54.62	58.51	60.25	59.23	53.45	53.49	40.90	40.92	40.86	36.43	42.14	43.57	41.67	38.75	42.16
	EST	1.82	1.81	1.60	1.59	1.69	1.59	1.46	1.40	1.72	2.04	2.15	2.23	2.24	2.06	2.07	1.59	1.53	1.52	1.41	1.80	1.85	1.72	1.69	1.78
	EST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	0.00	0.00	0.00	-0.07	-2.16	-1.72	0.00
ALBANY_2_SOLAR 323834	EST	48.03	46.42	39.25	38.54	40.73	38.97	37.82	34.60	47.82	54.58	58.50	60.24	59.20	53.43	53.49	40.89	40.90	40.84	36.42	42.11	43.55	41.65	38.74	42.15
	EST	1.82	1.79	1.58	1.58	1.68	1.57	1.45	1.38	1.70	2.01	2.14	2.22	2.21	2.03	2.06	1.57	1.51	1.50	1.39	1.78	1.84	1.71	1.68	1.77
	EST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	0.00	0.00	0.00	-0.07	-2.16	-1.72	0.00
ALBANY___1 23571	EST	47.28	45.68	38.62	37.88	40.03	38.30	37.09	33.93	46.65	53.22	57.07	58.82	57.85	52.26	52.27	39.97	39.94	39.91	35.64	41.34	42.73	41.02	38.24	41.49
	EST	1.07	1.05	0.95	0.93	0.99	0.90	0.71	0.71	0.54	0.64	0.71	0.80	0.86	0.87	0.85	0.66	0.55	0.56	0.61	1.01	1.02	1.03	1.15	1.10
	EST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	0.00	0.00	0.00	-0.07	-2.20	-1.75	0.00

ALBANY___2 23572	47.28 1.07 0.00	45.68 1.05 0.00	38.62 0.95 0.00	37.88 0.93 0.00	40.03 0.99 0.00	38.30 0.90 0.00	37.09 0.71 0.00	33.93 0.71 0.00	46.65 0.54 0.00	53.22 0.64 0.00	57.07 0.71 0.00	58.82 0.80 0.00	57.85 0.86 0.00	52.26 0.87 0.00	52.27 0.85 -0.03	39.97 0.66 0.00	39.94 0.55 0.00	39.91 0.56 0.00	35.64 0.61 0.00	41.34 1.01 0.00	42.73 1.02 -0.07	41.02 1.03 -2.20	38.24 1.15 -1.75	41.49 1.10 0.00
ALBANY___3 23573	47.28 1.07 0.00	45.68 1.05 0.00	38.62 0.95 0.00	37.88 0.93 0.00	40.03 0.99 0.00	38.30 0.90 0.00	37.09 0.71 0.00	33.93 0.71 0.00	46.65 0.54 0.00	53.22 0.64 0.00	57.07 0.71 0.00	58.82 0.80 0.00	57.85 0.86 0.00	52.26 0.87 0.00	52.27 0.85 -0.03	39.97 0.66 0.00	39.94 0.55 0.00	39.91 0.56 0.00	35.64 0.61 0.00	41.34 1.01 0.00	42.73 1.02 -0.07	41.02 1.03 -2.20	38.24 1.15 -1.75	41.49 1.10 0.00
ALBANY___4 23574	47.28 1.07 0.00	45.68 1.05 0.00	38.62 0.95 0.00	37.88 0.93 0.00	40.03 0.99 0.00	38.30 0.90 0.00	37.09 0.71 0.00	33.93 0.71 0.00	46.65 0.54 0.00	53.22 0.64 0.00	57.07 0.71 0.00	58.82 0.80 0.00	57.85 0.86 0.00	52.26 0.87 0.00	52.27 0.85 -0.03	39.97 0.66 0.00	39.94 0.55 0.00	39.91 0.56 0.00	35.64 0.61 0.00	41.34 1.01 0.00	42.73 1.02 -0.07	41.02 1.03 -2.20	38.24 1.15 -1.75	41.49 1.10 0.00
ALBANY___LFGE 323615	47.59 1.38 0.00	45.99 1.36 0.00	38.87 1.21 0.00	38.14 1.18 0.00	40.30 1.26 0.00	38.56 1.16 0.00	37.40 1.02 0.00	34.22 1.00 0.00	47.16 1.04 0.00	53.82 1.25 0.00	57.72 1.36 0.00	59.48 1.46 0.00	58.52 1.53 0.00	52.85 1.46 0.00	52.85 1.42 -0.03	40.40 1.09 0.00	40.38 0.99 0.00	40.34 0.99 0.00	35.99 0.96 0.00	41.70 1.37 0.00	43.09 1.38 -0.07	41.35 1.35 -2.22	38.49 1.38 -1.77	41.76 1.37 0.00
ALCOA_PA_115KV_PL-6C 55860	47.62 1.42 0.00	46.30 1.67 0.00	38.93 1.26 0.00	38.30 1.34 0.00	40.36 1.32 0.00	38.68 1.28 0.00	37.81 1.44 0.00	34.16 0.95 0.00	47.87 1.76 0.00	54.38 1.80 0.00	57.38 1.03 0.00	58.23 0.21 0.00	57.00 0.01 0.00	51.11 -0.28 0.00	51.55 0.15 0.00	39.40 0.09 0.00	39.76 0.37 0.00	39.67 0.33 0.00	34.99 -0.04 0.00	40.30 -0.04 0.00	41.65 0.01 0.00	37.86 0.04 -0.03	35.47 0.11 -0.02	41.35 0.96 0.00
ALCOA_RYNLDS___DRP 24188	47.62 1.42 0.00	46.30 1.67 0.00	38.93 1.26 0.00	38.30 1.34 0.00	40.36 1.32 0.00	38.68 1.28 0.00	37.81 1.44 0.00	34.16 0.95 0.00	47.87 1.76 0.00	54.38 1.80 0.00	57.38 1.03 0.00	58.23 0.21 0.00	57.00 0.01 0.00	51.11 -0.28 0.00	51.55 0.15 0.00	39.40 0.09 0.00	39.76 0.37 0.00	39.67 0.33 0.00	34.99 -0.04 0.00	40.30 -0.04 0.00	41.65 0.01 0.00	37.86 0.04 -0.03	35.47 0.11 -0.02	41.35 0.96 0.00
ALCOA___DSASP 323711	47.62 1.41 0.00	46.30 1.67 0.00	38.93 1.26 0.00	38.31 1.34 0.00	40.36 1.32 0.00	38.68 1.28 0.00	37.83 1.45 0.00	34.17 0.96 0.00	47.87 1.76 0.00	54.38 1.80 0.00	57.38 1.02 0.00	58.23 0.21 0.00	57.00 0.02 0.00	51.16 -0.23 0.00	51.55 0.15 0.00	39.40 0.09 0.00	39.76 0.37 0.00	39.67 0.33 0.00	34.99 -0.04 0.00	40.31 -0.03 0.00	41.65 0.01 0.00	37.86 0.04 -0.03	35.49 0.13 -0.02	41.35 0.97 0.00
ALLEGHENY___COGEN 23514	46.65 0.54 0.10	44.99 0.36 0.00	37.75 0.08 0.00	37.00 0.04 0.00	39.13 0.10 0.00	37.70 0.49 0.19	37.09 0.71 0.00	33.63 0.45 0.04	47.23 1.12 0.00	53.65 1.08 0.00	57.32 0.99 0.04	58.25 0.23 0.00	56.43 -0.56 0.00	50.26 -1.13 0.00	49.82 -1.02 0.55	38.77 -0.55 0.00	39.08 -0.31 0.00	39.00 -0.35 0.00	34.87 -0.16 0.00	40.01 -0.32 0.00	41.32 -0.33 -0.01	37.70 -0.38 -0.29	35.37 -0.15 -0.18	40.61 0.26 0.03
ALTAMONT_115KV_TB 2 55880	47.27 1.07 0.00	45.66 1.03 0.00	38.59 0.92 0.00	37.86 0.90 0.00	40.01 0.96 0.00	38.29 0.89 0.00	37.24 0.87 0.00	34.08 0.87 0.00	47.21 1.09 0.00	53.85 1.28 0.00	57.75 1.39 0.00	59.52 1.50 0.00	58.52 1.53 0.00	52.83 1.44 0.00	52.84 1.42 -0.03	40.38 1.07 0.00	40.41 1.02 0.00	40.38 1.04 0.00	35.99 0.96 0.00	41.53 1.19 0.00	42.93 1.21 -0.07	41.11 1.12 -2.20	38.16 1.07 -1.75	41.45 1.07 0.00
ALTONA_WT_PWR 323606	47.87 1.67 0.00	46.60 1.98 0.00	39.29 1.62 0.00	38.74 1.78 0.00	40.81 1.77 0.00	39.05 1.65 0.00	38.19 1.82 0.00	34.47 1.26 0.00	48.44 2.33 0.00	54.99 2.42 0.00	58.03 1.67 0.00	59.07 1.05 0.00	57.70 0.71 0.00	51.77 0.38 0.00	52.27 0.87 0.00	39.93 0.61 0.00	40.20 0.81 0.00	40.20 0.85 0.00	35.43 0.40 0.00	40.79 0.46 0.00	42.04 0.40 0.00	38.18 0.40 0.00	35.69 0.36 0.00	41.49 1.11 0.00
AMERICAN_REF_FUEL 24010	42.90 -2.69 0.61	41.88 -2.75 0.00	35.17 -2.49 0.00	34.58 -2.37 0.01	36.48 -2.53 0.03	34.15 -2.08 1.17	34.25 -2.13 0.00	30.41 -2.56 0.24	42.83 -3.29 0.00	48.37 -4.20 0.00	51.28 -4.85 0.23	51.99 -6.03 0.00	50.84 -6.15 0.00	45.73 -5.66 0.00	45.54 -5.46 0.40	35.57 -3.74 0.00	35.77 -3.62 0.00	35.47 -3.87 0.00	31.47 -3.56 0.00	36.02 -4.31 0.00	37.21 -4.44 -0.01	34.00 -4.05 -0.26	31.94 -3.27 0.13	37.53 -2.66 0.19
ARKWRIGHT___SUMMIT_WT_PWR 323751	44.90 -0.58 0.73	43.82 -0.81 0.00	36.81 -0.86 0.00	36.11 -0.84 0.01	38.17 -0.83 0.04	35.72 -0.29 1.40	36.20 -0.18 0.00	32.29 -0.64 0.29	45.59 -0.53 0.00	51.47 -1.11 0.00	54.59 -1.49 0.28	55.36 -2.66 0.00	54.08 -2.91 0.00	48.38 -3.02 0.00	48.09 -2.82 0.49	37.54 -1.78 0.00	37.41 -1.98 0.00	37.04 -2.30 0.00	32.71 -2.32 0.00	37.30 -3.04 0.00	38.69 -2.96 -0.01	35.22 -2.84 -0.28	32.77 -2.39 0.17	38.60 -1.55 0.23
ARTHUR KILL_GT_1 23520	47.89 1.68 0.00	46.23 1.60 0.00	39.04 1.38 0.00	38.37 1.41 0.00	40.44 1.39 0.00	38.62 1.23 0.00	37.71 1.34 0.00	34.64 1.42 0.00	48.11 2.00 0.00	54.84 2.27 0.00	58.90 2.54 0.00	61.04 3.02 0.00	60.11 3.12 0.00	54.42 3.03 0.00	54.36 2.94 -0.03	41.54 2.23 0.00	41.76 2.37 0.00	41.88 2.54 0.00	37.25 2.22 0.00	42.86 2.52 0.00	44.29 2.59 -0.06	42.03 2.40 -1.85	38.83 2.02 -1.48	42.35 1.97 0.00
ARTHUR_KILL_2 23512	47.75 1.54 0.00	46.10 1.47 0.00	38.95 1.28 0.00	38.27 1.30 0.00	40.33 1.29 0.00	38.52 1.12 0.00	37.60 1.23 0.00	34.54 1.33 0.00	47.98 1.87 0.00	54.68 2.11 0.00	58.73 2.37 0.00	60.87 2.86 0.00	59.96 2.97 0.00	54.27 2.88 0.00	54.22 2.80 -0.03	41.43 2.12 0.00	41.65 2.26 0.00	41.76 2.42 0.00	37.15 2.12 0.00	42.74 2.40 0.00	44.17 2.47 -0.06	41.92 2.28 -1.85	38.74 1.93 -1.48	42.24 1.86 0.00
ARTHUR_KILL_3 23513	47.94 1.74 0.00	46.26 1.64 0.00	39.07 1.40 0.00	38.37 1.41 0.00	40.45 1.41 0.00	38.65 1.25 0.00	37.71 1.34 0.00	34.65 1.44 0.00	48.13 2.02 0.00	54.88 2.30 0.00	58.95 2.59 0.00	61.09 3.07 0.00	60.17 3.18 0.00	54.43 3.04 0.00	54.34 2.92 -0.03	41.56 2.25 0.00	41.76 2.37 0.00	41.86 2.52 0.00	37.21 2.19 0.00	42.82 2.48 0.00	44.25 2.54 -0.06	42.00 2.36 -1.85	38.83 2.02 -1.48	42.38 2.00 0.00

ARTHUR_KILL_COGEN 323718	47.89 1.68 0.00	46.23 1.60 0.00	39.04 1.38 0.00	38.37 1.41 0.00	40.44 1.39 0.00	38.62 1.23 0.00	37.71 1.34 0.00	34.64 1.42 0.00	48.11 2.00 0.00	54.84 2.27 0.00	58.90 2.54 0.00	61.04 3.02 0.00	60.11 3.12 0.00	54.42 3.03 0.00	54.36 2.94 -0.03	41.54 2.23 0.00	41.76 2.37 0.00	41.88 2.54 0.00	37.25 2.22 0.00	42.86 2.52 0.00	44.29 2.59 -0.06	42.03 2.40 -1.85	38.83 2.02 -1.48	42.35 1.97 0.00
ASHOKAN____ 23654	48.67 2.46 0.00	46.91 2.29 0.00	39.62 1.95 0.00	38.88 1.92 0.00	41.07 2.03 0.00	39.34 1.94 0.00	38.37 1.99 0.00	35.24 2.03 0.00	49.03 2.92 0.00	56.16 3.59 0.00	60.31 3.95 0.00	62.23 4.22 0.00	61.22 4.23 0.00	55.19 3.80 0.00	55.03 3.61 -0.03	42.04 2.73 0.00	42.10 2.71 0.00	42.03 2.68 0.00	37.43 2.40 0.00	43.15 2.82 0.00	44.56 2.86 -0.07	42.27 2.48 -2.01	39.25 2.30 -1.60	42.81 2.43 0.00
ASTORIA_EAST_ENERGY_CC1 323581	47.80 1.59 0.00	46.20 1.57 0.00	39.05 1.38 0.00	38.50 1.54 0.00	40.49 1.44 0.00	38.64 1.24 0.00	37.73 1.35 0.00	34.68 1.46 0.00	48.13 2.01 0.00	54.85 2.27 0.00	58.97 2.61 0.00	61.07 3.05 0.00	77.40 3.16 -17.26	54.83 3.00 -0.44	54.70 2.97 -0.34	41.80 2.24 -0.25	41.88 2.34 -0.15	41.94 2.44 -0.17	37.28 2.13 -0.12	42.74 2.40 0.00	44.18 2.48 -0.06	41.98 2.35 -1.85	38.83 2.02 -1.48	42.32 1.94 0.00
ASTORIA_EAST_ENERGY_CC2 323582	47.80 1.59 0.00	46.20 1.57 0.00	39.05 1.38 0.00	38.49 1.54 0.00	40.48 1.44 0.00	38.64 1.24 0.00	37.73 1.35 0.00	34.68 1.46 0.00	48.13 2.01 0.00	54.85 2.27 0.00	58.97 2.61 0.00	61.07 3.05 0.00	77.40 3.16 -17.26	54.83 3.00 -0.44	54.70 2.97 -0.34	41.80 2.24 -0.25	41.88 2.34 -0.15	41.94 2.44 -0.17	37.28 2.13 -0.12	42.74 2.40 0.00	44.18 2.48 -0.06	41.99 2.35 -1.85	38.84 2.02 -1.48	42.33 1.95 0.00
ASTORIA_GT2_1 24094	47.86 1.66 0.00	46.23 1.60 0.00	39.05 1.38 0.00	38.45 1.49 0.00	40.50 1.46 0.00	38.65 1.25 0.00	37.74 1.36 0.00	34.69 1.48 0.00	48.16 2.04 0.00	54.86 2.29 0.00	58.99 2.63 0.00	61.10 3.08 0.00	77.39 3.14 -17.26	54.87 3.04 -0.44	54.73 2.99 -0.34	41.82 2.26 -0.25	41.91 2.37 -0.15	41.97 2.46 -0.17	37.29 2.14 -0.12	42.76 2.42 0.00	44.22 2.51 -0.06	42.00 2.36 -1.85	38.84 2.03 -1.48	42.34 1.96 0.00
ASTORIA_GT2_2 24095	47.86 1.66 0.00	46.23 1.60 0.00	39.05 1.38 0.00	38.45 1.49 0.00	40.50 1.46 0.00	38.65 1.25 0.00	37.74 1.36 0.00	34.69 1.48 0.00	48.16 2.04 0.00	54.86 2.29 0.00	58.99 2.63 0.00	61.10 3.08 0.00	77.39 3.14 -17.26	54.87 3.04 -0.44	54.73 2.99 -0.34	41.82 2.26 -0.25	41.91 2.37 -0.15	41.97 2.46 -0.17	37.29 2.14 -0.12	42.76 2.42 0.00	44.22 2.51 -0.06	42.00 2.36 -1.85	38.84 2.03 -1.48	42.34 1.96 0.00
ASTORIA_GT2_3 24096	47.86 1.66 0.00	46.23 1.60 0.00	39.05 1.38 0.00	38.45 1.49 0.00	40.50 1.46 0.00	38.65 1.25 0.00	37.74 1.36 0.00	34.69 1.48 0.00	48.16 2.04 0.00	54.86 2.29 0.00	58.99 2.63 0.00	61.10 3.08 0.00	77.39 3.14 -17.26	54.87 3.04 -0.44	54.73 2.99 -0.34	41.82 2.26 -0.25	41.91 2.37 -0.15	41.97 2.46 -0.17	37.29 2.14 -0.12	42.76 2.42 0.00	44.22 2.51 -0.06	42.00 2.36 -1.85	38.84 2.03 -1.48	42.34 1.96 0.00
ASTORIA_GT2_4 24097	47.86 1.66 0.00	46.23 1.60 0.00	39.05 1.38 0.00	38.45 1.49 0.00	40.50 1.46 0.00	38.65 1.25 0.00	37.74 1.36 0.00	34.69 1.48 0.00	48.16 2.04 0.00	54.86 2.29 0.00	58.99 2.63 0.00	61.10 3.08 0.00	77.39 3.14 -17.26	54.87 3.04 -0.44	54.73 2.99 -0.34	41.82 2.26 -0.25	41.91 2.37 -0.15	41.97 2.46 -0.17	37.29 2.14 -0.12	42.76 2.42 0.00	44.22 2.51 -0.06	42.00 2.36 -1.85	38.84 2.03 -1.48	42.34 1.96 0.00
ASTORIA_GT3_1 24098	47.86 1.66 0.00	46.23 1.60 0.00	39.05 1.38 0.00	38.45 1.49 0.00	40.50 1.46 0.00	38.65 1.25 0.00	37.74 1.36 0.00	34.69 1.48 0.00	48.16 2.04 0.00	54.86 2.29 0.00	58.99 2.63 0.00	61.10 3.08 0.00	77.39 3.14 -17.26	54.87 3.04 -0.44	54.73 2.99 -0.34	41.82 2.26 -0.25	41.91 2.37 -0.15	41.97 2.46 -0.17	37.29 2.14 -0.12	42.76 2.42 0.00	44.22 2.51 -0.06	42.00 2.36 -1.85	38.84 2.03 -1.48	42.34 1.96 0.00
ASTORIA_GT3_2 24099	47.86 1.66 0.00	46.23 1.60 0.00	39.05 1.38 0.00	38.45 1.49 0.00	40.50 1.46 0.00	38.65 1.25 0.00	37.74 1.36 0.00	34.69 1.48 0.00	48.16 2.04 0.00	54.86 2.29 0.00	58.99 2.63 0.00	61.10 3.08 0.00	77.39 3.14 -17.26	54.87 3.04 -0.44	54.73 2.99 -0.34	41.82 2.26 -0.25	41.91 2.37 -0.15	41.97 2.46 -0.17	37.29 2.14 -0.12	42.76 2.42 0.00	44.22 2.51 -0.06	42.00 2.36 -1.85	38.84 2.03 -1.48	42.34 1.96 0.00
ASTORIA_GT3_3 24100	47.86 1.66 0.00	46.23 1.60 0.00	39.05 1.38 0.00	38.45 1.49 0.00	40.50 1.46 0.00	38.65 1.25 0.00	37.74 1.36 0.00	34.69 1.48 0.00	48.16 2.04 0.00	54.86 2.29 0.00	58.99 2.63 0.00	61.10 3.08 0.00	77.39 3.14 -17.26	54.87 3.04 -0.44	54.73 2.99 -0.34	41.82 2.26 -0.25	41.91 2.37 -0.15	41.97 2.46 -0.17	37.29 2.14 -0.12	42.76 2.42 0.00	44.22 2.51 -0.06	42.00 2.36 -1.85	38.84 2.03 -1.48	42.34 1.96 0.00
ASTORIA_GT3_4 24101	47.86 1.66 0.00	46.23 1.60 0.00	39.05 1.38 0.00	38.45 1.49 0.00	40.50 1.46 0.00	38.65 1.25 0.00	37.74 1.36 0.00	34.69 1.48 0.00	48.16 2.04 0.00	54.86 2.29 0.00	58.99 2.63 0.00	61.10 3.08 0.00	77.39 3.14 -17.26	54.87 3.04 -0.44	54.73 2.99 -0.34	41.82 2.26 -0.25	41.91 2.37 -0.15	41.97 2.46 -0.17	37.29 2.14 -0.12	42.76 2.42 0.00	44.22 2.51 -0.06	42.00 2.36 -1.85	38.84 2.03 -1.48	42.34 1.96 0.00
ASTORIA_GT4_1 24102	47.86 1.66 0.00	46.23 1.60 0.00	39.05 1.38 0.00	38.45 1.49 0.00	40.50 1.46 0.00	38.65 1.25 0.00	37.74 1.36 0.00	34.69 1.48 0.00	48.16 2.04 0.00	54.86 2.29 0.00	58.99 2.63 0.00	61.10 3.08 0.00	77.39 3.14 -17.26	54.87 3.04 -0.44	54.73 2.99 -0.34	41.82 2.26 -0.25	41.91 2.37 -0.15	41.97 2.46 -0.17	37.29 2.14 -0.12	42.76 2.42 0.00	44.22 2.51 -0.06	42.00 2.36 -1.85	38.84 2.03 -1.48	42.34 1.96 0.00
ASTORIA_GT4_2 24103	47.86 1.66 0.00	46.23 1.60 0.00	39.05 1.38 0.00	38.45 1.49 0.00	40.50 1.46 0.00	38.65 1.25 0.00	37.74 1.36 0.00	34.69 1.48 0.00	48.16 2.04 0.00	54.86 2.29 0.00	58.99 2.63 0.00	61.10 3.08 0.00	77.39 3.14 -17.26	54.87 3.04 -0.44	54.73 2.99 -0.34	41.82 2.26 -0.25	41.91 2.37 -0.15	41.97 2.46 -0.17	37.29 2.14 -0.12	42.76 2.42 0.00	44.22 2.51 -0.06	42.00 2.36 -1.85	38.84 2.03 -1.48	42.34 1.96 0.00
ASTORIA_GT4_3 24104	47.86 1.66 0.00	46.23 1.60 0.00	39.05 1.38 0.00	38.45 1.49 0.00	40.50 1.46 0.00	38.65 1.25 0.00	37.74 1.36 0.00	34.69 1.48 0.00	48.16 2.04 0.00	54.86 2.29 0.00	58.99 2.63 0.00	61.10 3.08 0.00	77.39 3.14 -17.26	54.87 3.04 -0.44	54.73 2.99 -0.34	41.82 2.26 -0.25	41.91 2.37 -0.15	41.97 2.46 -0.17	37.29 2.14 -0.12	42.76 2.42 0.00	44.22 2.51 -0.06	42.00 2.36 -1.85	38.84 2.03 -1.48	42.34 1.96 0.00

ASTORIA_GT4_4 24105	47.86 1.66 0.00	46.23 1.60 0.00	39.05 1.38 0.00	38.45 1.49 0.00	40.50 1.46 0.00	38.65 1.25 0.00	37.74 1.36 0.00	34.69 1.48 0.00	48.16 2.04 0.00	54.86 2.29 0.00	58.99 2.63 0.00	61.10 3.08 0.00	77.39 3.14 -17.26	54.87 3.04 -0.44	54.73 2.99 -0.34	41.82 2.26 -0.25	41.91 2.37 -0.15	41.97 2.46 -0.17	37.29 2.14 -0.12	42.76 2.42 0.00	44.22 2.51 -0.06	42.00 2.36 -1.85	38.84 2.03 -1.48	42.34 1.96 0.00
ASTORIA_GT_1 23523	47.89 1.69 0.00	46.29 1.66 0.00	39.12 1.45 0.00	38.56 1.60 0.00	40.55 1.51 0.00	38.71 1.31 0.00	37.79 1.42 0.00	34.74 1.53 0.00	48.22 2.11 0.00	54.95 2.37 0.00	59.08 2.72 0.00	61.19 3.17 0.00	77.53 3.28 -17.26	54.96 3.13 -0.44	54.83 3.09 -0.34	41.89 2.33 -0.25	41.97 2.43 -0.15	42.03 2.52 -0.17	37.35 2.20 -0.12	42.83 2.49 0.00	44.27 2.57 -0.06	42.06 2.43 -1.85	38.90 2.09 -1.48	42.40 2.02 0.00
ASTORIA_GT_10 24110	48.11 1.90 0.00	46.41 1.78 0.00	39.18 1.52 0.00	38.50 1.54 0.00	40.60 1.55 0.00	38.76 1.36 0.00	37.83 1.46 0.00	34.79 1.58 0.00	48.31 2.19 0.00	55.08 2.50 0.00	59.18 2.82 0.00	61.29 3.28 0.00	60.35 3.36 0.00	54.59 3.20 0.00	54.54 3.12 -0.03	41.71 2.40 0.00	41.90 2.51 0.00	41.95 2.61 0.00	37.31 2.28 0.00	42.94 2.60 0.00	44.38 2.67 -0.06	42.12 2.49 -1.85	38.97 2.16 -1.48	42.53 2.15 0.00
ASTORIA_GT_11 24225	48.11 1.90 0.00	46.41 1.78 0.00	39.18 1.52 0.00	38.50 1.54 0.00	40.60 1.55 0.00	38.76 1.36 0.00	37.83 1.46 0.00	34.79 1.58 0.00	48.31 2.19 0.00	55.08 2.50 0.00	59.18 2.82 0.00	61.29 3.28 0.00	60.35 3.36 0.00	54.59 3.20 0.00	54.54 3.12 -0.03	41.71 2.40 0.00	41.90 2.51 0.00	41.95 2.61 0.00	37.31 2.28 0.00	42.94 2.60 0.00	44.38 2.67 -0.06	42.12 2.49 -1.85	38.97 2.16 -1.48	42.53 2.15 0.00
ASTORIA_GT_12 24226	48.11 1.90 0.00	46.41 1.78 0.00	39.18 1.52 0.00	38.50 1.54 0.00	40.60 1.55 0.00	38.76 1.36 0.00	37.83 1.46 0.00	34.79 1.58 0.00	48.31 2.19 0.00	55.08 2.50 0.00	59.18 2.82 0.00	61.29 3.28 0.00	60.35 3.36 0.00	54.59 3.20 0.00	54.54 3.12 -0.03	41.71 2.40 0.00	41.90 2.51 0.00	41.95 2.61 0.00	37.31 2.28 0.00	42.94 2.60 0.00	44.38 2.67 -0.06	42.12 2.49 -1.85	38.97 2.16 -1.48	42.53 2.15 0.00
ASTORIA_GT_13 24227	48.11 1.90 0.00	46.41 1.78 0.00	39.18 1.52 0.00	38.50 1.54 0.00	40.60 1.55 0.00	38.76 1.36 0.00	37.83 1.46 0.00	34.79 1.58 0.00	48.31 2.19 0.00	55.08 2.50 0.00	59.18 2.82 0.00	61.29 3.28 0.00	60.35 3.36 0.00	54.59 3.20 0.00	54.54 3.12 -0.03	41.71 2.40 0.00	41.90 2.51 0.00	41.95 2.61 0.00	37.31 2.28 0.00	42.94 2.60 0.00	44.38 2.67 -0.06	42.12 2.49 -1.85	38.97 2.16 -1.48	42.53 2.15 0.00
ASTORIA_GT_5 24106	47.93 1.73 0.00	46.29 1.66 0.00	39.10 1.43 0.00	38.51 1.55 0.00	40.55 1.51 0.00	38.70 1.31 0.00	37.79 1.42 0.00	34.74 1.53 0.00	48.22 2.11 0.00	54.95 2.38 0.00	59.08 2.72 0.00	61.20 3.18 0.00	77.49 3.24 -17.26	54.95 3.12 -0.44	54.82 3.09 -0.34	41.89 2.33 -0.25	41.96 2.42 -0.15	42.03 2.52 -0.17	37.35 2.20 -0.12	42.83 2.49 0.00	44.27 2.57 -0.06	42.06 2.43 -1.85	38.90 2.09 -1.48	42.40 2.03 0.00
ASTORIA_GT_7 24107	47.93 1.73 0.00	46.29 1.66 0.00	39.10 1.43 0.00	38.51 1.55 0.00	40.55 1.51 0.00	38.70 1.31 0.00	37.79 1.42 0.00	34.74 1.53 0.00	48.22 2.11 0.00	54.95 2.38 0.00	59.08 2.72 0.00	61.20 3.18 0.00	77.49 3.24 -17.26	54.95 3.12 -0.44	54.82 3.09 -0.34	41.89 2.33 -0.25	41.96 2.42 -0.15	42.03 2.52 -0.17	37.35 2.20 -0.12	42.83 2.49 0.00	44.27 2.57 -0.06	42.06 2.43 -1.85	38.90 2.09 -1.48	42.40 2.03 0.00
ASTORIA_GT_8 24108	47.93 1.73 0.00	46.29 1.66 0.00	39.10 1.43 0.00	38.51 1.55 0.00	40.55 1.51 0.00	38.70 1.31 0.00	37.79 1.42 0.00	34.74 1.53 0.00	48.22 2.11 0.00	54.95 2.38 0.00	59.08 2.72 0.00	61.20 3.18 0.00	77.49 3.24 -17.26	54.95 3.12 -0.44	54.82 3.09 -0.34	41.89 2.33 -0.25	41.96 2.42 -0.15	42.03 2.52 -0.17	37.35 2.20 -0.12	42.83 2.49 0.00	44.27 2.57 -0.06	42.06 2.43 -1.85	38.90 2.09 -1.48	42.40 2.03 0.00
ASTORIA___2 24149	47.83 1.62 0.00	46.23 1.60 0.00	39.06 1.40 0.00	38.51 1.55 0.00	40.50 1.46 0.00	38.65 1.25 0.00	37.74 1.37 0.00	34.69 1.48 0.00	48.15 2.04 0.00	54.86 2.29 0.00	59.00 2.64 0.00	61.09 3.07 0.00	77.43 3.19 -17.26	54.87 3.04 -0.44	54.73 3.00 -0.34	41.82 2.26 -0.25	41.91 2.37 -0.15	41.97 2.47 -0.17	37.29 2.14 -0.12	42.76 2.43 0.00	44.22 2.51 -0.06	42.00 2.36 -1.85	38.84 2.03 -1.48	42.34 1.96 0.00
ASTORIA___3 23516	48.10 1.89 0.00	46.41 1.78 0.00	39.20 1.53 0.00	38.52 1.56 0.00	40.59 1.55 0.00	38.76 1.36 0.00	37.84 1.46 0.00	34.79 1.58 0.00	48.30 2.19 0.00	55.08 2.50 0.00	59.18 2.82 0.00	61.29 3.27 0.00	60.35 3.36 0.00	54.59 3.20 0.00	54.54 3.12 -0.03	41.72 2.41 0.00	41.90 2.51 0.00	41.96 2.61 0.00	37.31 2.28 0.00	42.95 2.61 0.00	44.38 2.68 -0.06	42.13 2.49 -1.85	38.97 2.15 -1.48	42.53 2.15 0.00
ASTORIA___4 23517	48.11 1.90 0.00	46.41 1.78 0.00	39.18 1.52 0.00	38.50 1.54 0.00	40.60 1.55 0.00	38.76 1.36 0.00	37.83 1.46 0.00	34.79 1.58 0.00	48.31 2.19 0.00	55.08 2.50 0.00	59.18 2.82 0.00	61.29 3.28 0.00	60.35 3.36 0.00	54.59 3.20 0.00	54.54 3.12 -0.03	41.71 2.40 0.00	41.90 2.51 0.00	41.95 2.61 0.00	37.31 2.28 0.00	42.94 2.60 0.00	44.38 2.67 -0.06	42.12 2.49 -1.85	38.97 2.16 -1.48	42.53 2.15 0.00
ASTORIA___5 23518	48.10 1.89 0.00	46.41 1.78 0.00	39.20 1.53 0.00	38.52 1.56 0.00	40.59 1.55 0.00	38.76 1.36 0.00	37.84 1.46 0.00	34.79 1.58 0.00	48.30 2.19 0.00	55.08 2.50 0.00	59.18 2.82 0.00	61.28 3.26 0.00	60.35 3.36 0.00	54.59 3.20 0.00	54.54 3.12 -0.03	41.72 2.41 0.00	41.90 2.51 0.00	41.96 2.61 0.00	37.31 2.28 0.00	42.94 2.61 0.00	44.38 2.68 -0.06	42.12 2.48 -1.85	38.97 2.15 -1.48	42.53 2.15 0.00
AST_ENERGY_2_CC3 323677	48.08 1.88 0.00	46.40 1.77 0.00	39.18 1.51 0.00	38.47 1.51 0.00	40.57 1.52 0.00	38.73 1.33 0.00	37.77 1.40 0.00	34.70 1.49 0.00	48.18 2.06 0.00	54.95 2.37 0.00	59.02 2.66 0.00	61.11 3.10 0.00	60.20 3.21 0.00	54.44 3.05 0.00	54.40 2.98 -0.03	41.65 2.34 0.00	41.82 2.43 0.00	41.90 2.56 0.00	37.23 2.20 0.00	42.85 2.51 0.00	44.29 2.59 -0.06	42.08 2.44 -1.85	38.94 2.12 -1.48	42.50 2.12 0.00
AST_ENERGY_2_CC4 323678	48.08 1.88 0.00	46.40 1.77 0.00	39.18 1.51 0.00	38.47 1.51 0.00	40.57 1.52 0.00	38.73 1.33 0.00	37.77 1.40 0.00	34.70 1.49 0.00	48.18 2.06 0.00	54.95 2.37 0.00	59.02 2.66 0.00	61.11 3.10 0.00	60.20 3.21 0.00	54.44 3.05 0.00	54.40 2.98 -0.03	41.65 2.34 0.00	41.82 2.43 0.00	41.90 2.56 0.00	37.23 2.20 0.00	42.85 2.51 0.00	44.29 2.59 -0.06	42.08 2.44 -1.85	38.94 2.12 -1.48	42.50 2.12 0.00

ATHENS_STG_1 23668	47.26 1.05 0.00	45.61 0.98 0.00	38.54 0.87 0.00	37.84 0.88 0.00	39.94 0.90 0.00	38.23 0.83 0.00	37.27 0.89 0.00	34.15 0.93 0.00	47.40 1.28 0.00	54.08 1.50 0.00	58.00 1.64 0.00	59.88 1.86 0.00	58.88 1.89 0.00	53.17 1.78 0.00	53.16 1.74 -0.03	40.62 1.31 0.00	40.72 1.33 0.00	40.72 1.38 0.00	36.28 1.24 0.00	41.76 1.42 0.00	43.18 1.47 -0.07	41.11 1.34 -1.99	38.11 1.19 -1.59	41.53 1.15 0.00
ATHENS_STG_2 23670	47.26 1.05 0.00	45.61 0.98 0.00	38.54 0.87 0.00	37.84 0.88 0.00	39.94 0.90 0.00	38.23 0.83 0.00	37.27 0.89 0.00	34.15 0.93 0.00	47.40 1.28 0.00	54.08 1.50 0.00	58.00 1.64 0.00	59.88 1.86 0.00	58.88 1.89 0.00	53.17 1.78 0.00	53.16 1.74 -0.03	40.62 1.31 0.00	40.72 1.33 0.00	40.72 1.38 0.00	36.28 1.24 0.00	41.76 1.42 0.00	43.18 1.47 -0.07	41.11 1.34 -1.99	38.11 1.19 -1.59	41.53 1.15 0.00
ATHENS_STG_3 23677	47.26 1.05 0.00	45.61 0.98 0.00	38.54 0.87 0.00	37.84 0.88 0.00	39.94 0.90 0.00	38.23 0.83 0.00	37.27 0.89 0.00	34.15 0.93 0.00	47.40 1.28 0.00	54.08 1.50 0.00	58.00 1.64 0.00	59.88 1.86 0.00	58.88 1.89 0.00	53.17 1.78 0.00	53.16 1.74 -0.03	40.62 1.31 0.00	40.72 1.33 0.00	40.72 1.38 0.00	36.28 1.24 0.00	41.76 1.42 0.00	43.18 1.47 -0.07	41.11 1.34 -1.99	38.11 1.19 -1.59	41.53 1.15 0.00
AUBURN___LFGE 323710	46.08 -0.13 0.00	44.48 -0.14 0.00	37.47 -0.20 0.00	36.73 -0.23 0.00	38.83 -0.22 0.00	37.26 -0.14 0.00	36.24 -0.13 0.00	33.01 -0.20 0.00	45.95 -0.17 0.00	52.38 -0.20 0.00	56.19 -0.17 0.00	57.71 -0.31 0.00	56.53 -0.45 0.00	50.83 -0.56 0.00	50.99 -0.53 -0.12	38.97 -0.35 0.00	39.08 -0.32 0.00	39.00 -0.34 0.00	34.74 -0.29 0.00	39.91 -0.42 0.00	41.21 -0.44 -0.01	37.57 -0.44 -0.22	35.13 -0.38 -0.17	40.06 -0.32 0.00
BABYLON_RES_REC 323704	48.55 2.34 0.00	46.69 2.06 0.00	39.42 1.75 0.00	38.67 1.71 0.00	40.90 1.86 0.00	39.08 1.68 0.00	38.30 1.92 0.00	35.30 2.09 0.00	48.93 2.81 0.00	55.93 3.35 0.00	60.12 3.75 0.00	62.20 4.18 0.00	75.28 4.29 -14.00	73.44 4.02 -18.02	73.23 4.12 -17.71	62.64 3.10 -20.23	53.98 3.11 -11.48	57.54 3.17 -15.02	58.38 2.81 -20.53	43.54 3.20 0.00	44.86 3.16 -0.06	44.91 3.00 -4.12	39.40 2.59 -1.48	43.04 2.66 0.00
BABYLON___69_KV_BK2 356345	49.07 2.86 0.00	47.16 2.53 0.00	39.80 2.13 0.00	39.04 2.08 0.00	41.33 2.28 0.00	39.46 2.06 0.00	38.69 2.31 0.00	35.67 2.46 0.00	49.45 3.33 0.00	56.55 3.98 0.00	60.82 4.45 0.00	62.97 4.95 0.00	74.06 5.07 -12.00	73.66 4.66 -17.60	73.51 4.58 -17.31	62.65 3.56 -19.78	54.20 3.58 -11.22	57.67 3.64 -14.69	58.35 3.23 -20.09	44.01 3.67 0.00	45.32 3.62 -0.06	45.30 3.44 -4.08	39.79 2.98 -1.48	43.47 3.09 0.00
BALL_HILL_WT_PWR 323825	44.44 -1.12 0.64	43.35 -1.28 0.00	36.42 -1.25 0.00	35.77 -1.19 0.01	37.76 -1.25 0.04	35.40 -0.77 1.23	35.66 -0.72 0.00	31.80 -1.16 0.25	44.83 -1.28 0.00	50.67 -1.91 0.25	53.79 -2.33 0.00	54.62 -3.40 0.00	53.34 -3.65 0.00	47.85 -3.54 0.00	47.58 -3.36 0.45	37.13 -2.18 0.00	37.18 -2.21 0.00	36.89 -2.45 0.00	32.70 -2.33 0.00	37.40 -2.94 0.00	38.68 -2.97 -0.01	35.30 -2.76 -0.28	33.00 -2.21 0.13	38.59 -1.59 0.20
BARON_WINDS___WT_PWR 323822	45.29 -1.17 -0.25	43.54 -1.09 0.00	36.46 -1.21 0.00	35.61 -1.35 0.00	37.68 -1.38 -0.01	36.91 -0.97 -0.47	35.76 -0.61 0.00	32.55 -0.76 -0.10	45.48 -0.63 0.00	51.69 -0.89 0.00	55.47 -0.98 -0.09	56.44 -1.58 0.00	54.63 -2.37 0.00	48.54 -2.85 0.00	47.92 -2.81 0.67	37.20 -2.11 0.00	37.50 -1.89 0.00	37.48 -1.86 0.00	33.59 -1.44 0.00	38.39 -1.94 0.00	39.65 -2.00 -0.01	36.35 -1.82 -0.38	34.27 -1.50 -0.44	39.13 -1.33 -0.08
BARRETT_IC_1 23704	47.98 1.77 0.00	46.24 1.61 0.00	39.05 1.38 0.00	38.31 1.35 0.00	40.50 1.46 0.00	38.71 1.31 0.00	37.89 1.52 0.00	34.89 1.68 0.00	48.37 2.26 0.00	55.18 2.60 0.00	59.17 2.80 0.00	61.20 3.18 0.00	198.73 3.23 -138.51	74.43 3.14 -19.90	73.23 3.16 -18.67	62.20 2.35 -20.54	53.57 2.46 -11.72	56.99 2.53 -15.11	57.10 2.20 -19.87	43.01 2.67 0.00	44.37 2.66 -0.06	44.29 2.55 -3.95	39.00 2.19 -1.48	42.63 2.25 0.00
BARRETT_IC_10 23701	47.98 1.77 0.00	46.24 1.61 0.00	39.05 1.38 0.00	38.31 1.35 0.00	40.50 1.46 0.00	38.71 1.31 0.00	37.89 1.52 0.00	34.89 1.68 0.00	48.37 2.26 0.00	55.18 2.60 0.00	59.17 2.80 0.00	61.20 3.18 0.00	-968.82 3.23 1029.04	44.51 3.14 10.03	52.05 3.16 2.51	45.34 2.35 -3.68	43.36 2.46 -1.51	45.76 2.53 -3.88	49.02 2.20 -11.79	43.01 2.67 0.00	44.37 2.66 -0.06	44.29 2.55 -3.95	39.00 2.19 -1.48	42.63 2.25 0.00
BARRETT_IC_11 23702	47.98 1.77 0.00	46.24 1.61 0.00	39.05 1.38 0.00	38.31 1.35 0.00	40.50 1.46 0.00	38.71 1.31 0.00	37.89 1.52 0.00	34.89 1.68 0.00	48.37 2.26 0.00	55.18 2.60 0.00	59.17 2.80 0.00	61.20 3.18 0.00	-968.82 3.23 1029.04	44.51 3.14 10.03	52.05 3.16 2.51	45.34 2.35 -3.68	43.36 2.46 -1.51	45.76 2.53 -3.88	49.02 2.20 -11.79	43.01 2.67 0.00	44.37 2.66 -0.06	44.29 2.55 -3.95	39.00 2.19 -1.48	42.63 2.25 0.00
BARRETT_IC_12 23703	47.98 1.77 0.00	46.24 1.61 0.00	39.05 1.38 0.00	38.31 1.35 0.00	40.50 1.46 0.00	38.71 1.31 0.00	37.89 1.52 0.00	34.89 1.68 0.00	48.37 2.26 0.00	55.18 2.60 0.00	59.17 2.80 0.00	61.20 3.18 0.00	-968.82 3.23 1029.04	44.51 3.14 10.03	52.05 3.16 2.51	45.34 2.35 -3.68	43.36 2.46 -1.51	45.76 2.53 -3.88	49.02 2.20 -11.79	43.01 2.67 0.00	44.37 2.66 -0.06	44.29 2.55 -3.95	39.00 2.19 -1.48	42.63 2.25 0.00
BARRETT_IC_2 23705	47.98 1.77 0.00	46.24 1.61 0.00	39.05 1.38 0.00	38.31 1.35 0.00	40.50 1.46 0.00	38.71 1.31 0.00	37.89 1.52 0.00	34.89 1.68 0.00	48.37 2.26 0.00	55.18 2.60 0.00	59.17 2.80 0.00	61.20 3.18 0.00	198.73 3.23 -138.51	74.43 3.14 -19.90	73.23 3.16 -18.67	62.20 2.35 -20.54	53.57 2.46 -11.72	56.99 2.53 -15.11	57.10 2.20 -19.87	43.01 2.67 0.00	44.37 2.66 -0.06	44.29 2.55 -3.95	39.00 2.19 -1.48	42.63 2.25 0.00
BARRETT_IC_3 23706	47.98 1.77 0.00	46.24 1.61 0.00	39.05 1.38 0.00	38.31 1.35 0.00	40.50 1.46 0.00	38.71 1.31 0.00	37.89 1.52 0.00	34.89 1.68 0.00	48.37 2.26 0.00	55.18 2.60 0.00	59.17 2.80 0.00	61.20 3.18 0.00	198.73 3.23 -138.51	74.43 3.14 -19.90	73.23 3.16 -18.67	62.20 2.35 -20.54	53.57 2.46 -11.72	56.99 2.53 -15.11	57.10 2.20 -19.87	43.01 2.67 0.00	44.37 2.66 -0.06	44.29 2.55 -3.95	39.00 2.19 -1.48	42.63 2.25 0.00
BARRETT_IC_4 23707	47.98 1.77 0.00	46.24 1.61 0.00	39.05 1.38 0.00	38.31 1.35 0.00	40.50 1.46 0.00	38.71 1.31 0.00	37.89 1.52 0.00	34.89 1.68 0.00	48.37 2.26 0.00	55.18 2.60 0.00	59.17 2.80 0.00	61.20 3.18 0.00	198.73 3.23 -138.51	74.43 3.14 -19.90	73.23 3.16 -18.67	62.20 2.35 -20.54	53.57 2.46 -11.72	56.99 2.53 -15.11	57.10 2.20 -19.87	43.01 2.67 0.00	44.37 2.66 -0.06	44.29 2.55 -3.95	39.00 2.19 -1.48	42.63 2.25 0.00

BARRETT_IC_5 23708	47.98 1.77 0.00	46.24 1.61 0.00	39.05 1.38 0.00	38.31 1.35 0.00	40.50 1.46 0.00	38.71 1.31 0.00	37.89 1.52 0.00	34.89 1.68 0.00	48.37 2.26 0.00	55.18 2.60 0.00	59.17 2.80 0.00	61.20 3.18 0.00	198.73 3.23 -138.51	74.43 3.14 -19.90	73.23 3.16 -18.67	62.20 2.35 -20.54	53.57 2.46 -11.72	56.99 2.53 -15.11	57.10 2.20 -19.87	43.01 2.67 0.00	44.37 2.66 -0.06	44.29 2.55 -3.95	39.00 2.19 -1.48	42.63 2.25 0.00
BARRETT_IC_6 23709	47.98 1.77 0.00	46.24 1.61 0.00	39.05 1.38 0.00	38.31 1.35 0.00	40.50 1.46 0.00	38.71 1.31 0.00	37.89 1.52 0.00	34.89 1.68 0.00	48.37 2.26 0.00	55.18 2.60 0.00	59.17 2.80 0.00	61.20 3.18 0.00	198.73 3.23 -138.51	74.43 3.14 -19.90	73.23 3.16 -18.67	62.20 2.35 -20.54	53.57 2.46 -11.72	56.99 2.53 -15.11	57.10 2.20 -19.87	43.01 2.67 0.00	44.37 2.66 -0.06	44.29 2.55 -3.95	39.00 2.19 -1.48	42.63 2.25 0.00
BARRETT_IC_7 23710	47.99 1.78 0.00	46.24 1.61 0.00	39.04 1.37 0.00	38.31 1.35 0.00	40.51 1.47 0.00	38.70 1.30 0.00	37.89 1.51 0.00	34.89 1.68 0.00	48.37 2.26 0.00	55.18 2.60 0.00	59.17 2.80 0.00	61.20 3.18 0.00	198.78 3.29 -138.51	74.44 3.15 -19.90	73.24 3.17 -18.67	62.21 2.36 -20.54	53.58 2.47 -11.72	57.00 2.54 -15.11	57.12 2.21 -19.87	43.00 2.67 0.00	44.37 2.66 -0.06	44.28 2.55 -3.95	39.00 2.19 -1.48	42.63 2.25 0.00
BARRETT_IC_8 23711	47.98 1.77 0.00	46.24 1.61 0.00	39.05 1.38 0.00	38.31 1.35 0.00	40.50 1.46 0.00	38.71 1.31 0.00	37.89 1.52 0.00	34.89 1.68 0.00	48.37 2.26 0.00	55.18 2.60 0.00	59.17 2.80 0.00	61.20 3.18 0.00	198.73 3.23 -138.51	74.43 3.14 -19.90	73.23 3.16 -18.67	62.20 2.35 -20.54	53.57 2.46 -11.72	56.99 2.53 -15.11	57.10 2.20 -19.87	43.01 2.67 0.00	44.37 2.66 -0.06	44.29 2.55 -3.95	39.00 2.19 -1.48	42.63 2.25 0.00
BARRETT_IC_9 23700	47.98 1.77 0.00	46.24 1.61 0.00	39.05 1.38 0.00	38.31 1.35 0.00	40.50 1.46 0.00	38.71 1.31 0.00	37.89 1.52 0.00	34.89 1.68 0.00	48.37 2.26 0.00	55.18 2.60 0.00	59.17 2.80 0.00	61.20 3.18 0.00	-968.82 3.23 1029.04	44.51 3.14 10.03	52.05 3.16 2.51	45.34 2.35 -3.68	43.36 2.46 -1.51	45.76 2.53 -3.88	49.02 2.20 -11.79	43.01 2.67 0.00	44.37 2.66 -0.06	44.29 2.55 -3.95	39.00 2.19 -1.48	42.63 2.25 0.00
BARRETT___1 23545	47.98 1.77 0.00	46.24 1.61 0.00	39.05 1.38 0.00	38.31 1.35 0.00	40.50 1.46 0.00	38.71 1.31 0.00	37.89 1.52 0.00	34.89 1.68 0.00	48.37 2.26 0.00	55.18 2.60 0.00	59.17 2.80 0.00	61.20 3.18 0.00	198.73 3.23 -138.51	74.43 3.14 -19.90	73.23 3.16 -18.67	62.20 2.35 -20.54	53.57 2.46 -11.72	56.99 2.53 -15.11	57.10 2.20 -19.87	43.01 2.67 0.00	44.37 2.66 -0.06	44.29 2.55 -3.95	39.00 2.19 -1.48	42.63 2.25 0.00
BARRETT___2 23546	47.98 1.77 0.00	46.24 1.61 0.00	39.05 1.38 0.00	38.31 1.35 0.00	40.50 1.46 0.00	38.71 1.31 0.00	37.89 1.52 0.00	34.89 1.68 0.00	48.37 2.26 0.00	55.18 2.60 0.00	59.17 2.80 0.00	61.20 3.18 0.00	-968.82 3.23 1029.04	44.51 3.14 10.03	52.05 3.16 2.51	45.34 2.35 -3.68	43.36 2.46 -1.51	45.76 2.53 -3.88	49.02 2.20 -11.79	43.01 2.67 0.00	44.37 2.66 -0.06	44.29 2.55 -3.95	39.00 2.19 -1.48	42.63 2.25 0.00
BATAVIA__115KV_TB1 55881	45.33 -0.88 0.00	43.58 -1.04 0.00	36.63 -1.04 0.00	36.03 -0.93 0.00	38.00 -1.04 0.00	36.76 -0.64 0.00	35.73 -0.64 0.00	32.17 -1.04 0.00	45.01 -1.10 0.00	51.02 -1.55 0.00	54.51 -1.85 0.00	55.21 -2.81 0.00	53.99 -3.00 0.00	48.54 -2.85 0.00	48.42 -2.69 0.29	37.55 -1.77 0.00	37.75 -1.64 0.00	37.48 -1.86 0.00	33.29 -1.74 0.00	38.17 -2.17 0.00	39.40 -2.25 -0.01	35.92 -2.10 -0.24	33.94 -1.59 -0.19	39.33 -1.05 0.00
BAYONEEC___CTG1 323682	48.08 1.88 0.00	46.38 1.76 0.00	39.16 1.49 0.00	38.46 1.50 0.00	40.57 1.52 0.00	38.75 1.35 0.00	37.82 1.44 0.00	34.74 1.53 0.00	48.25 2.14 0.00	55.03 2.45 0.00	59.11 2.75 0.00	61.21 3.19 0.00	60.29 3.30 0.00	54.53 3.14 0.00	54.48 3.06 -0.03	41.66 2.35 0.00	41.86 2.47 0.00	41.94 2.60 0.00	37.28 2.25 0.00	42.91 2.58 0.00	44.35 2.64 -0.06	42.09 2.45 -1.85	38.93 2.12 -1.48	42.50 2.12 0.00
BAYONEEC___CTG10 323750	48.08 1.88 0.00	46.38 1.76 0.00	39.16 1.49 0.00	38.46 1.50 0.00	40.57 1.52 0.00	38.75 1.35 0.00	37.82 1.44 0.00	34.74 1.53 0.00	48.25 2.14 0.00	55.03 2.45 0.00	59.11 2.75 0.00	61.21 3.19 0.00	60.29 3.30 0.00	54.53 3.14 0.00	54.48 3.06 -0.03	41.66 2.35 0.00	41.86 2.47 0.00	41.94 2.60 0.00	37.28 2.25 0.00	42.91 2.58 0.00	44.35 2.64 -0.06	42.09 2.45 -1.85	38.93 2.12 -1.48	42.50 2.12 0.00
BAYONEEC___CTG2 323683	48.08 1.88 0.00	46.38 1.76 0.00	39.16 1.49 0.00	38.46 1.50 0.00	40.57 1.52 0.00	38.75 1.35 0.00	37.82 1.44 0.00	34.74 1.53 0.00	48.25 2.14 0.00	55.03 2.45 0.00	59.11 2.75 0.00	61.21 3.19 0.00	60.29 3.30 0.00	54.53 3.14 0.00	54.48 3.06 -0.03	41.66 2.35 0.00	41.86 2.47 0.00	41.94 2.60 0.00	37.28 2.25 0.00	42.91 2.58 0.00	44.35 2.64 -0.06	42.09 2.45 -1.85	38.93 2.12 -1.48	42.50 2.12 0.00
BAYONEEC___CTG3 323684	48.08 1.88 0.00	46.38 1.76 0.00	39.16 1.49 0.00	38.46 1.50 0.00	40.57 1.52 0.00	38.75 1.35 0.00	37.82 1.44 0.00	34.74 1.53 0.00	48.25 2.14 0.00	55.03 2.45 0.00	59.11 2.75 0.00	61.21 3.19 0.00	60.29 3.30 0.00	54.53 3.14 0.00	54.48 3.06 -0.03	41.66 2.35 0.00	41.86 2.47 0.00	41.94 2.60 0.00	37.28 2.25 0.00	42.91 2.58 0.00	44.35 2.64 -0.06	42.09 2.45 -1.85	38.93 2.12 -1.48	42.50 2.12 0.00
BAYONEEC___CTG4 323685	48.08 1.88 0.00	46.38 1.76 0.00	39.16 1.49 0.00	38.46 1.50 0.00	40.57 1.52 0.00	38.75 1.35 0.00	37.82 1.44 0.00	34.74 1.53 0.00	48.25 2.14 0.00	55.03 2.45 0.00	59.11 2.75 0.00	61.21 3.19 0.00	60.29 3.30 0.00	54.53 3.14 0.00	54.48 3.06 -0.03	41.66 2.35 0.00	41.86 2.47 0.00	41.94 2.60 0.00	37.28 2.25 0.00	42.91 2.58 0.00	44.35 2.64 -0.06	42.09 2.45 -1.85	38.93 2.12 -1.48	42.50 2.12 0.00
BAYONEEC___CTG5 323686	48.08 1.88 0.00	46.38 1.76 0.00	39.16 1.49 0.00	38.46 1.50 0.00	40.57 1.52 0.00	38.75 1.35 0.00	37.82 1.44 0.00	34.74 1.53 0.00	48.25 2.14 0.00	55.03 2.45 0.00	59.11 2.75 0.00	61.21 3.19 0.00	60.29 3.30 0.00	54.53 3.14 0.00	54.48 3.06 -0.03	41.66 2.35 0.00	41.86 2.47 0.00	41.94 2.60 0.00	37.28 2.25 0.00	42.91 2.58 0.00	44.35 2.64 -0.06	42.09 2.45 -1.85	38.93 2.12 -1.48	42.50 2.12 0.00
BAYONEEC___CTG6 323687	48.08 1.88 0.00	46.38 1.76 0.00	39.16 1.49 0.00	38.46 1.50 0.00	40.57 1.52 0.00	38.75 1.35 0.00	37.82 1.44 0.00	34.74 1.53 0.00	48.25 2.14 0.00	55.03 2.45 0.00	59.11 2.75 0.00	61.21 3.19 0.00	60.29 3.30 0.00	54.53 3.14 0.00	54.48 3.06 -0.03	41.66 2.35 0.00	41.86 2.47 0.00	41.94 2.60 0.00	37.28 2.25 0.00	42.91 2.58 0.00	44.35 2.64 -0.06	42.09 2.45 -1.85	38.93 2.12 -1.48	42.50 2.12 0.00

BAYONEEC___CTG7 323688	48.08 1.88 0.00	46.38 1.76 0.00	39.16 1.49 0.00	38.46 1.50 0.00	40.57 1.52 0.00	38.75 1.35 0.00	37.82 1.44 0.00	34.74 1.53 0.00	48.25 2.14 0.00	55.03 2.45 0.00	59.11 2.75 0.00	61.21 3.19 0.00	60.29 3.30 0.00	54.53 3.14 0.00	54.48 3.06 -0.03	41.66 2.35 0.00	41.86 2.47 0.00	41.94 2.60 0.00	37.28 2.25 0.00	42.91 2.58 0.00	44.35 2.64 -0.06	42.09 2.45 -1.85	38.93 2.12 -1.48	42.50 2.12 0.00
BAYONEEC___CTG8 323689	48.08 1.88 0.00	46.38 1.76 0.00	39.16 1.49 0.00	38.46 1.50 0.00	40.57 1.52 0.00	38.75 1.35 0.00	37.82 1.44 0.00	34.74 1.53 0.00	48.25 2.14 0.00	55.03 2.45 0.00	59.11 2.75 0.00	61.21 3.19 0.00	60.29 3.30 0.00	54.53 3.14 0.00	54.48 3.06 -0.03	41.66 2.35 0.00	41.86 2.47 0.00	41.94 2.60 0.00	37.28 2.25 0.00	42.91 2.58 0.00	44.35 2.64 -0.06	42.09 2.45 -1.85	38.93 2.12 -1.48	42.50 2.12 0.00
BAYONEEC___CTG9 323749	48.08 1.88 0.00	46.38 1.76 0.00	39.16 1.49 0.00	38.46 1.50 0.00	40.57 1.52 0.00	38.75 1.35 0.00	37.82 1.44 0.00	34.74 1.53 0.00	48.25 2.14 0.00	55.03 2.45 0.00	59.11 2.75 0.00	61.21 3.19 0.00	60.29 3.30 0.00	54.53 3.14 0.00	54.48 3.06 -0.03	41.66 2.35 0.00	41.86 2.47 0.00	41.94 2.60 0.00	37.28 2.25 0.00	42.91 2.58 0.00	44.35 2.64 -0.06	42.09 2.45 -1.85	38.93 2.12 -1.48	42.50 2.12 0.00
BEACON___LESR 323632	47.88 1.67 0.00	46.13 1.50 0.00	38.98 1.31 0.00	38.24 1.28 0.00	40.40 1.36 0.00	38.68 1.28 0.00	37.59 1.21 0.00	34.36 1.15 0.00	47.61 1.49 0.00	54.39 1.81 0.00	58.47 2.11 0.00	60.16 2.14 0.00	59.09 2.10 0.00	53.40 2.00 0.00	53.33 1.90 -0.03	40.71 1.40 0.00	40.71 1.32 0.00	40.72 1.38 0.00	36.34 1.30 0.00	42.11 1.78 0.00	43.46 1.75 -0.07	41.63 1.65 -2.20	38.74 1.65 -1.75	41.96 1.58 0.00
BEAVER RIVER___HYD 24048	46.48 0.27 0.00	44.70 0.08 0.00	37.72 0.05 0.00	37.03 0.07 0.00	39.22 0.17 0.00	37.74 0.34 0.00	36.87 0.49 0.00	33.57 0.36 0.00	46.78 0.66 0.00	53.49 0.91 0.00	57.34 0.98 0.00	58.86 0.84 0.00	57.76 0.78 0.00	51.79 0.40 0.00	51.61 0.21 0.00	39.40 0.08 0.00	39.45 0.06 0.00	39.31 -0.03 0.00	34.97 -0.06 0.00	40.57 0.23 0.00	41.94 0.29 0.00	38.04 0.18 -0.07	35.50 0.11 -0.05	40.68 0.30 0.00
BEEBEE_GT_13 23619	44.95 -1.26 0.00	43.29 -1.34 0.00	36.42 -1.25 0.00	35.79 -1.17 0.00	37.79 -1.26 0.00	36.43 -0.97 0.00	35.42 -0.95 0.00	32.03 -1.18 0.00	44.70 -1.42 0.00	50.76 -1.82 0.00	54.29 -2.07 0.00	55.32 -2.70 0.00	54.18 -2.81 0.00	48.77 -2.62 0.00	48.67 -2.51 0.22	37.60 -1.71 0.00	37.72 -1.67 0.00	37.55 -1.79 0.00	33.38 -1.65 0.00	38.31 -2.02 0.00	39.55 -2.09 -0.01	36.05 -1.94 -0.21	33.92 -1.59 -0.16	39.04 -1.34 0.00
BENSHRST_27_KV_BENSHRST_1 355998	48.34 2.13 0.00	46.62 1.99 0.00	39.35 1.68 0.00	38.65 1.69 0.00	40.76 1.71 0.00	38.93 1.53 0.00	38.02 1.64 0.00	34.95 1.73 0.00	48.57 2.45 0.00	55.40 2.82 0.00	59.52 3.16 0.00	61.70 3.68 0.00	60.75 3.77 0.00	54.97 3.58 0.00	54.91 3.49 -0.03	41.98 2.67 0.00	42.19 2.80 0.00	42.27 2.93 0.00	37.59 2.56 0.00	43.25 2.91 0.00	44.69 2.99 -0.06	42.40 2.76 -1.85	39.19 2.37 -1.48	42.75 2.37 0.00
BETHLEHEM___GRP 23843	47.28 1.07 0.00	45.68 1.05 0.00	38.62 0.95 0.00	37.88 0.93 0.00	40.03 0.99 0.00	38.30 0.90 0.00	37.09 0.71 0.00	33.93 0.71 0.00	46.65 0.54 0.00	53.22 0.64 0.00	57.07 0.71 0.00	58.82 0.80 0.00	57.85 0.86 0.00	52.26 0.87 0.00	52.27 0.85 -0.03	39.97 0.66 0.00	39.94 0.55 0.00	39.91 0.56 0.00	35.64 0.61 0.00	41.34 1.01 0.00	42.73 1.02 -0.07	41.02 1.03 -2.20	38.24 1.15 -1.75	41.49 1.10 0.00
BETHLEHEM___GS1 323560	47.28 1.07 0.00	45.68 1.05 0.00	38.62 0.96 0.00	37.89 0.93 0.00	40.03 0.99 0.00	38.30 0.90 0.00	37.09 0.71 0.00	33.92 0.71 0.00	46.65 0.53 0.00	53.22 0.64 0.00	57.08 0.72 0.00	58.82 0.80 0.00	57.86 0.87 0.00	52.26 0.87 0.00	52.28 0.85 -0.03	39.97 0.66 0.00	39.94 0.55 0.00	39.91 0.56 0.00	35.63 0.60 0.00	41.34 1.01 0.00	42.73 1.02 -0.07	41.02 1.03 -2.20	38.24 1.14 -1.75	41.48 1.10 0.00
BETHLEHEM___GS2 323561	47.28 1.07 0.00	45.68 1.05 0.00	38.62 0.96 0.00	37.89 0.93 0.00	40.03 0.99 0.00	38.30 0.90 0.00	37.09 0.71 0.00	33.92 0.71 0.00	46.65 0.53 0.00	53.22 0.64 0.00	57.08 0.72 0.00	58.82 0.80 0.00	57.86 0.87 0.00	52.26 0.87 0.00	52.28 0.85 -0.03	39.97 0.66 0.00	39.94 0.55 0.00	39.91 0.56 0.00	35.63 0.60 0.00	41.34 1.01 0.00	42.73 1.02 -0.07	41.02 1.03 -2.20	38.24 1.14 -1.75	41.48 1.10 0.00
BETHLEHEM___GS3 323562	47.28 1.07 0.00	45.68 1.05 0.00	38.62 0.96 0.00	37.89 0.93 0.00	40.03 0.99 0.00	38.30 0.90 0.00	37.09 0.71 0.00	33.92 0.71 0.00	46.65 0.53 0.00	53.22 0.64 0.00	57.08 0.72 0.00	58.82 0.80 0.00	57.86 0.87 0.00	52.26 0.87 0.00	52.28 0.85 -0.03	39.97 0.66 0.00	39.94 0.55 0.00	39.91 0.56 0.00	35.63 0.60 0.00	41.34 1.01 0.00	42.73 1.02 -0.07	41.02 1.03 -2.20	38.24 1.14 -1.75	41.48 1.10 0.00
BETHLEHEM___STEEL 23779	44.96 -1.25 0.00	43.26 -1.37 0.00	36.36 -1.31 0.00	35.77 -1.19 0.00	37.71 -1.33 0.00	36.53 -0.87 0.00	35.53 -0.85 0.00	31.90 -1.31 0.00	44.61 -1.50 0.00	50.44 -2.14 0.00	53.82 -2.54 0.00	54.41 -3.61 0.00	53.11 -3.88 0.00	47.76 -3.63 0.00	47.57 -3.45 0.38	37.08 -2.23 0.00	37.19 -2.20 0.00	36.92 -2.43 0.00	32.76 -2.27 0.00	37.52 -2.81 0.00	38.75 -2.90 -0.01	35.38 -2.68 -0.27	33.51 -2.04 -0.22	38.87 -1.51 0.00
BETHLHEM_115KV_TB1 79974	47.26 1.06 0.00	45.67 1.04 0.00	38.61 0.94 0.00	37.87 0.92 0.00	40.02 0.97 0.00	38.29 0.89 0.00	37.11 0.74 0.00	33.95 0.74 0.00	46.76 0.64 0.00	53.34 0.77 0.00	57.21 0.85 0.00	58.95 0.93 0.00	57.98 0.99 0.00	52.38 0.99 0.00	52.39 0.96 -0.03	40.05 0.74 0.00	40.03 0.64 0.00	40.00 0.65 0.00	35.71 0.68 0.00	41.38 1.04 0.00	42.78 1.06 -0.07	41.03 1.05 -2.20	38.22 1.13 -1.75	41.47 1.09 0.00
BETHPAGE_CC_5 323564	48.38 2.17 0.00	46.53 1.90 0.00	39.30 1.63 0.00	38.55 1.59 0.00	40.76 1.72 0.00	38.94 1.54 0.00	38.16 1.78 0.00	35.15 1.94 0.00	48.73 2.61 0.00	55.53 2.95 0.00	59.59 3.22 0.00	61.67 3.65 0.00	82.89 3.77 -22.13	74.21 3.53 -19.29	73.90 3.60 -18.90	63.69 2.83 -21.55	54.47 2.85 -12.23	58.26 2.93 -15.99	59.44 2.59 -21.82	43.33 3.00 0.00	44.66 2.96 -0.06	44.88 2.84 -4.26	39.33 2.52 -1.48	42.98 2.60 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	45.19 -1.02 0.00	43.48 -1.15 0.00	36.54 -1.13 0.00	35.94 -1.02 0.00	37.90 -1.14 0.00	36.72 -0.68 0.00	35.71 -0.66 0.00	32.07 -1.15 0.00	44.85 -1.26 0.00	50.72 -1.86 0.00	54.14 -2.22 0.00	54.76 -3.26 0.00	53.45 -3.54 0.00	48.06 -3.33 0.00	47.87 -3.14 0.39	37.30 -2.01 0.00	37.42 -1.97 0.00	37.16 -2.19 0.00	32.97 -2.07 0.00	37.77 -2.57 0.00	39.01 -2.64 -0.01	35.61 -2.45 -0.28	33.72 -1.84 -0.22	39.07 -1.31 0.00

BINGHAMTON___COGEN 23790	46.21 0.00 0.00	44.63 0.00 0.00	37.56 -0.11 0.00	36.80 -0.16 0.00	38.86 -0.19 0.00	37.26 -0.14 0.00	36.37 0.00 0.00	33.14 -0.07 0.00	46.22 0.11 0.00	52.71 0.13 0.00	56.63 0.26 0.00	58.25 0.23 0.00	57.06 0.07 0.00	51.28 -0.11 0.00	51.33 -0.07 -0.01	39.22 -0.09 0.00	39.38 -0.01 0.00	39.32 -0.03 0.00	35.04 0.01 0.00	40.24 -0.10 0.00	41.57 -0.09 -0.02	38.24 -0.12 -0.57	35.68 -0.11 -0.45	40.25 -0.12 0.00
BIXINCNT_115KV_LOAD 355685	45.73 -0.48 0.00	44.15 -0.47 0.00	37.10 -0.57 0.00	36.40 -0.56 0.00	38.45 -0.59 0.00	37.29 -0.12 0.00	36.30 -0.07 0.00	32.60 -0.62 0.00	45.64 -0.47 0.00	51.63 -0.94 0.00	55.20 -1.16 0.00	55.93 -2.09 0.00	54.45 -2.54 0.00	48.83 -2.56 0.00	48.59 -2.39 0.42	37.91 -1.40 0.00	38.03 -1.36 0.00	37.90 -1.44 0.00	33.43 -1.60 0.00	38.44 -1.89 0.00	39.85 -1.80 -0.01	36.29 -1.79 -0.29	34.34 -1.24 -0.23	39.42 -0.96 0.00
BLACK RIVER___HYD 24047	46.19 -0.02 0.00	44.33 -0.30 0.00	37.39 -0.28 0.00	36.70 -0.26 0.00	38.90 -0.15 0.00	37.52 0.11 0.00	36.64 0.27 0.00	33.42 0.21 0.00	46.53 0.41 0.00	53.26 0.69 0.00	57.22 0.86 0.00	58.83 0.81 0.00	57.74 0.75 0.00	51.73 0.33 0.00	51.44 0.04 0.00	39.30 -0.01 0.00	39.37 -0.02 0.00	39.23 -0.11 0.00	34.94 -0.09 0.00	40.55 0.21 0.00	41.89 0.24 0.00	37.99 0.11 -0.09	35.44 0.03 -0.07	40.46 0.08 0.00
BLACKRVR_115KV_TB2 79977	46.19 -0.02 0.00	44.33 -0.30 0.00	37.39 -0.28 0.00	36.70 -0.26 0.00	38.90 -0.15 0.00	37.52 0.11 0.00	36.64 0.26 0.00	33.42 0.20 0.00	46.53 0.41 0.00	53.26 0.69 0.00	57.22 0.86 0.00	58.83 0.81 0.00	57.73 0.74 0.00	51.72 0.33 0.00	51.43 0.03 0.00	39.30 -0.01 0.00	39.37 -0.02 0.00	39.23 -0.11 0.00	34.94 -0.09 0.00	40.54 0.21 0.00	41.88 0.24 0.00	37.99 0.11 -0.09	35.43 0.02 -0.07	40.46 0.08 0.00
BLISS_WT_PWR 323608	44.88 -0.47 0.86	44.19 -0.44 0.00	37.10 -0.57 0.00	36.34 -0.61 0.01	38.42 -0.58 0.05	35.67 -0.10 1.63	36.33 -0.05 0.00	32.30 -0.58 0.33	45.71 -0.40 0.00	51.70 -0.87 0.00	54.94 -1.10 0.33	56.02 -2.00 0.00	54.46 -2.53 0.00	48.76 -2.63 0.00	48.41 -2.47 0.51	37.87 -1.45 0.00	38.01 -1.39 0.00	37.89 -1.45 0.00	33.35 -1.69 0.00	38.38 -1.96 0.00	39.81 -1.84 -0.01	36.23 -1.84 -0.29	33.84 -1.26 0.24	39.08 -1.04 0.27
BLUESTONE___WT_PWR 323821	48.38 1.99 -0.17	46.60 1.98 0.00	38.59 0.92 0.00	37.30 0.34 0.00	39.05 -0.01 -0.01	37.15 -0.58 -0.33	35.93 -0.45 0.00	32.83 -0.45 -0.07	46.34 0.23 0.00	53.64 1.07 0.00	59.18 2.75 -0.07	62.06 4.05 0.00	60.38 3.39 0.00	53.74 2.35 0.00	54.06 2.38 -0.28	40.08 0.77 0.00	40.07 0.68 0.00	39.33 -0.01 0.00	34.91 -0.12 0.00	40.11 -0.22 0.00	41.87 0.21 -0.02	38.83 0.43 -0.61	36.54 0.62 -0.58	40.82 0.38 -0.05
BLUE_CIRC_CHEM_DRP 24182	47.63 1.43 0.00	46.04 1.41 0.00	38.93 1.26 0.00	38.21 1.25 0.00	40.38 1.33 0.00	38.64 1.24 0.00	37.50 1.13 0.00	34.30 1.09 0.00	47.40 1.28 0.00	54.08 1.51 0.00	57.95 1.59 0.00	59.68 1.66 0.00	58.66 1.67 0.00	52.95 1.56 0.00	53.00 1.57 -0.03	40.52 1.21 0.00	40.53 1.14 0.00	40.48 1.14 0.00	36.10 1.07 0.00	41.74 1.40 0.00	43.15 1.44 -0.07	41.30 1.34 -2.17	38.42 1.35 -1.73	41.78 1.40 0.00
BOC_GAS_DRP 24189	47.12 0.91 0.00	45.52 0.89 0.00	38.46 0.79 0.00	37.74 0.78 0.00	39.87 0.82 0.00	38.16 0.76 0.00	37.10 0.72 0.00	33.95 0.74 0.00	46.98 0.87 0.00	53.59 1.01 0.00	57.46 1.10 0.00	59.23 1.21 0.00	58.24 1.25 0.00	52.59 1.20 0.00	52.61 1.18 -0.03	40.21 0.89 0.00	40.25 0.86 0.00	40.22 0.88 0.00	35.85 0.81 0.00	41.38 1.04 0.00	42.79 1.08 -0.07	40.99 1.01 -2.19	38.06 0.98 -1.75	41.33 0.96 0.00
BOONVILLE_115KV_TB1 79983	46.95 0.74 0.00	45.28 0.65 0.00	38.23 0.56 0.00	37.53 0.56 0.00	39.70 0.66 0.00	38.13 0.73 0.00	37.18 0.80 0.00	33.93 0.72 0.00	47.23 1.12 0.00	53.97 1.39 0.00	57.94 1.58 0.00	59.61 1.59 0.00	58.51 1.52 0.00	52.59 1.20 0.00	52.46 1.06 0.00	40.06 0.75 0.00	40.09 0.70 0.00	39.96 0.62 0.00	35.57 0.54 0.00	41.12 0.78 0.00	42.47 0.83 0.00	38.54 0.69 -0.06	35.98 0.59 -0.05	41.10 0.72 0.00
BORALEX_4TH_BRANCH 23824	48.61 2.40 0.00	47.11 2.48 0.00	39.86 2.19 0.00	39.10 2.14 0.00	41.37 2.33 0.00	39.51 2.11 0.00	38.54 2.17 0.00	35.37 2.16 0.00	49.03 2.92 0.00	55.82 3.24 0.00	59.80 3.44 0.00	61.40 3.38 0.00	60.45 3.46 0.00	54.70 3.31 0.00	54.80 3.37 -0.03	41.87 2.56 0.00	41.78 2.39 0.00	41.68 2.34 0.00	37.12 2.08 0.00	42.79 2.46 0.00	44.33 2.61 -0.07	42.24 2.26 -2.19	39.08 1.99 -1.75	42.39 2.01 0.00
BOWLINE___1 23526	47.67 1.46 0.00	45.99 1.36 0.00	38.84 1.18 0.00	38.15 1.19 0.00	40.24 1.20 0.00	38.51 1.10 0.00	37.60 1.23 0.00	34.53 1.31 0.00	47.97 1.86 0.00	54.72 2.15 0.00	58.75 2.39 0.00	60.82 2.80 0.00	59.87 2.88 0.00	54.10 2.71 0.00	54.02 2.60 -0.03	41.26 1.95 0.00	41.47 2.08 0.00	41.59 2.25 0.00	37.04 2.01 0.00	42.57 2.24 0.00	43.98 2.28 -0.06	41.67 2.07 -1.81	38.52 1.74 -1.44	42.08 1.70 0.00
BOWLINE___2 23595	47.67 1.46 0.00	45.99 1.37 0.00	38.84 1.18 0.00	38.15 1.19 0.00	40.24 1.20 0.00	38.51 1.10 0.00	37.60 1.23 0.00	34.53 1.31 0.00	47.97 1.86 0.00	54.72 2.15 0.00	58.75 2.39 0.00	60.82 2.80 0.00	59.87 2.88 0.00	54.11 2.72 0.00	54.02 2.60 -0.03	41.26 1.95 0.00	41.47 2.08 0.00	41.59 2.25 0.00	37.04 2.01 0.00	42.58 2.24 0.00	43.98 2.28 -0.06	41.67 2.07 -1.81	38.52 1.74 -1.44	42.08 1.70 0.00
BRADY___115KV_TB2 356060	48.09 1.89 0.00	46.71 2.08 0.00	39.28 1.61 0.00	38.64 1.68 0.00	40.73 1.68 0.00	39.04 1.64 0.00	38.19 1.82 0.00	34.54 1.33 0.00	48.44 2.32 0.00	55.05 2.48 0.00	58.12 1.76 0.00	58.94 0.92 0.00	57.67 0.68 0.00	51.70 0.30 0.00	52.09 0.70 0.00	39.81 0.50 0.00	40.23 0.84 0.00	40.14 0.79 0.00	35.40 0.37 0.00	40.79 0.45 0.00	42.15 0.51 0.00	38.28 0.47 -0.03	35.84 0.48 -0.03	41.75 1.37 0.00
BRANSCOMB___SOLAR 323811	48.49 2.28 0.00	46.85 2.22 0.00	39.62 1.96 0.00	38.88 1.92 0.00	41.12 2.08 0.00	39.39 1.99 0.00	38.46 2.09 0.00	35.21 2.00 0.00	48.92 2.81 0.00	55.79 3.21 0.00	59.83 3.47 0.00	61.60 3.58 0.00	60.57 3.58 0.00	54.64 3.26 0.00	54.66 3.24 -0.03	41.72 2.41 0.00	41.68 2.29 0.00	41.63 2.28 0.00	37.08 2.05 0.00	42.80 2.46 0.00	44.30 2.58 -0.07	42.31 2.27 -2.25	39.13 2.00 -1.80	42.48 2.10 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	48.92 2.71 0.00	47.02 2.40 0.00	39.71 2.04 0.00	38.95 1.99 0.00	41.23 2.19 0.00	39.36 1.96 0.00	38.62 2.24 0.00	35.59 2.38 0.00	49.29 3.17 0.00	56.37 3.79 0.00	60.64 4.28 0.00	62.71 4.69 0.00	66.81 4.81 -5.01	72.26 4.46 -16.41	72.21 4.62 -16.19	61.25 3.40 -18.54	53.29 3.39 -10.51	56.59 3.47 -13.77	56.99 3.09 -18.88	43.85 3.52 0.00	45.16 3.45 -0.06	45.04 3.30 -3.95	39.64 2.83 -1.48	43.32 2.94 0.00

BRISTLHL_115KV_TB1 79998	45.11 -1.10 0.00	43.52 -1.10 0.00	36.70 -0.97 0.00	36.01 -0.95 0.00	38.04 -1.01 0.00	36.48 -0.92 0.00	35.40 -0.98 0.00	32.26 -0.96 0.00	44.81 -1.31 0.00	51.09 -1.49 0.00	54.78 -1.58 0.00	56.33 -1.69 0.00	55.27 -1.72 0.00	49.80 -1.59 0.00	49.77 -1.63 0.00	38.09 -1.22 0.00	38.18 -1.22 0.00	38.13 -1.22 0.00	33.95 -1.08 0.00	39.06 -1.28 0.00	40.31 -1.34 0.00	36.69 -1.23 -0.14	34.34 -1.11 -0.11	39.23 -1.15 0.00
BROOKHAVEN___DRP 24191	48.77 2.56 0.00	46.85 2.22 0.00	39.54 1.87 0.00	38.79 1.83 0.00	41.20 2.16 0.00	39.29 1.89 0.00	38.41 2.04 0.00	35.38 2.16 0.00	49.03 2.92 0.00	56.00 3.42 0.00	60.02 3.65 0.00	62.11 4.09 0.00	63.85 4.25 -2.61	71.43 3.96 -16.08	71.62 4.35 -15.88	60.61 3.10 -18.19	52.81 3.10 -10.32	56.01 3.14 -13.53	56.52 2.94 -18.55	43.66 3.32 0.00	44.96 3.26 -0.06	44.88 3.18 -3.91	39.52 2.70 -1.48	43.14 2.76 0.00
BROOKLYN_NAVY_YARD 23515	47.96 1.75 0.00	46.28 1.65 0.00	39.09 1.42 0.00	38.40 1.43 0.00	40.49 1.45 0.00	38.68 1.28 0.00	37.76 1.38 0.00	34.67 1.46 0.00	48.15 2.03 0.00	54.89 2.31 0.00	58.99 2.63 0.00	61.09 3.07 0.00	86.71 3.16 -26.56	55.07 3.00 -0.68	54.82 2.92 -0.51	41.95 2.26 -0.38	42.00 2.38 -0.23	42.09 2.49 -0.26	37.36 2.15 -0.18	42.82 2.49 0.00	44.26 2.55 -0.06	42.01 2.37 -1.85	38.87 2.06 -1.48	42.41 2.03 0.00
BROOKLYN___ARMY_DRP 323595	48.12 1.91 0.00	46.41 1.78 0.00	39.18 1.52 0.00	38.48 1.53 0.00	40.58 1.53 0.00	38.76 1.36 0.00	37.85 1.48 0.00	34.79 1.58 0.00	48.33 2.21 0.00	55.10 2.53 0.00	59.21 2.85 0.00	61.35 3.34 0.00	60.43 3.44 0.00	54.68 3.29 0.00	54.62 3.20 -0.03	41.76 2.45 0.00	41.96 2.57 0.00	42.05 2.71 0.00	37.39 2.36 0.00	43.02 2.69 0.00	44.46 2.76 -0.06	42.19 2.55 -1.85	39.00 2.19 -1.48	42.54 2.16 0.00
BROOKVLE_69_KV_TB1 55790	48.46 2.26 0.00	46.68 2.05 0.00	39.39 1.72 0.00	38.65 1.69 0.00	40.85 1.81 0.00	39.04 1.64 0.00	38.19 1.82 0.00	35.16 1.95 0.00	48.81 2.70 0.00	55.72 3.14 0.00	59.84 3.48 0.00	61.94 3.92 0.00	135.58 4.03 -74.56	83.33 3.76 -28.18	82.44 3.74 -27.30	73.01 2.84 -30.86	59.86 2.93 -17.54	65.24 3.03 -22.86	68.60 2.66 -30.91	43.39 3.05 0.00	44.77 3.07 -0.06	45.88 2.87 -5.23	39.30 2.48 -1.48	42.91 2.53 0.00
BROOME_2_LFGE 323671	46.45 0.00 -0.24	44.63 0.00 0.00	37.56 -0.11 0.00	36.80 -0.16 0.00	38.87 -0.18 -0.01	37.72 -0.14 -0.46	36.36 -0.01 0.00	33.24 -0.07 -0.09	46.22 0.11 0.00	52.71 0.13 0.00	56.72 0.27 -0.09	58.25 0.24 0.00	57.06 0.07 0.00	51.27 -0.12 0.00	51.35 -0.08 -0.03	39.22 -0.09 0.00	39.38 -0.01 0.00	39.32 -0.03 0.00	35.04 0.00 0.00	40.24 -0.09 0.00	41.57 -0.09 -0.02	38.24 -0.12 -0.57	35.81 -0.12 -0.58	40.33 -0.13 -0.08
BROOME___LFGE 323600	46.45 0.00 -0.24	44.63 0.00 0.00	37.56 -0.11 0.00	36.80 -0.16 0.00	38.87 -0.18 -0.01	37.72 -0.14 -0.46	36.36 -0.01 0.00	33.24 -0.07 -0.09	46.22 0.11 0.00	52.71 0.13 0.00	56.72 0.27 -0.09	58.25 0.24 0.00	57.06 0.07 0.00	51.27 -0.12 0.00	51.35 -0.08 -0.03	39.22 -0.09 0.00	39.38 -0.01 0.00	39.32 -0.03 0.00	35.04 0.00 0.00	40.24 -0.09 0.00	41.57 -0.09 -0.02	38.24 -0.12 -0.57	35.81 -0.12 -0.58	40.33 -0.13 -0.08
BROWNFLS_115KV_TB_3_5 80003	46.90 0.69 0.00	45.30 0.67 0.00	38.16 0.49 0.00	37.44 0.48 0.00	39.58 0.53 0.00	38.03 0.63 0.00	37.18 0.81 0.00	33.75 0.54 0.00	47.17 1.06 0.00	53.81 1.23 0.00	57.30 0.94 0.00	58.50 0.48 0.00	57.36 0.37 0.00	51.41 0.02 0.00	51.49 0.09 0.00	39.32 0.01 0.00	39.51 0.12 0.00	39.40 0.06 0.00	34.91 -0.13 0.00	40.38 0.04 0.00	41.73 0.09 0.00	37.88 0.04 -0.05	35.39 0.01 -0.04	40.84 0.46 0.00
BROWNSV1_27_KV_LOAD 356125	48.49 2.29 0.00	46.75 2.12 0.00	39.45 1.79 0.00	38.73 1.78 0.00	40.87 1.83 0.00	39.04 1.64 0.00	38.11 1.74 0.00	35.01 1.80 0.00	48.65 2.54 0.00	55.51 2.93 0.00	59.65 3.29 0.00	61.78 3.76 0.00	60.86 3.87 0.00	55.03 3.64 0.00	54.96 3.54 -0.03	42.04 2.73 0.00	42.23 2.84 0.00	42.30 2.96 0.00	37.59 2.56 0.00	43.26 2.93 0.00	44.71 3.01 -0.06	42.42 2.78 -1.85	39.24 2.43 -1.48	42.84 2.46 0.00
BURROWS___LYONSDAL 23803	46.81 0.60 0.00	45.10 0.48 0.00	38.08 0.42 0.00	37.39 0.43 0.00	39.58 0.54 0.00	38.03 0.63 0.00	37.09 0.72 0.00	33.84 0.63 0.00	47.10 0.98 0.00	53.83 1.26 0.00	57.82 1.46 0.00	59.47 1.46 0.00	58.35 1.36 0.00	52.43 1.04 0.00	52.26 0.87 0.00	39.90 0.59 0.00	39.92 0.53 0.00	39.79 0.44 0.00	35.41 0.38 0.00	40.99 0.66 0.00	42.36 0.72 0.00	38.44 0.59 -0.06	35.88 0.49 -0.05	41.00 0.63 0.00
CAITHNESS_CC_1 323624	48.65 2.44 0.00	46.75 2.12 0.00	39.47 1.80 0.00	38.70 1.74 0.00	41.08 2.03 0.00	39.19 1.79 0.00	38.35 1.97 0.00	35.30 2.09 0.00	48.92 2.80 0.00	55.93 3.35 0.00	59.97 3.61 0.00	62.06 4.04 0.00	63.68 4.13 -2.56	71.38 3.92 -16.07	71.49 4.23 -15.87	60.55 3.05 -18.18	52.74 3.04 -10.31	55.96 3.10 -13.52	56.41 2.83 -18.54	43.56 3.23 0.00	44.86 3.16 -0.06	44.78 3.09 -3.91	39.43 2.61 -1.48	43.04 2.66 0.00
CALPINE BETH_PAGE_GT4 24209	48.42 2.22 0.00	46.59 1.96 0.00	39.33 1.67 0.00	38.58 1.62 0.00	40.81 1.76 0.00	38.97 1.57 0.00	38.19 1.82 0.00	35.18 1.97 0.00	48.77 2.66 0.00	55.51 2.94 0.00	59.59 3.22 0.00	61.68 3.66 0.00	92.29 3.81 -31.50	75.68 3.53 -20.76	75.28 3.60 -20.28	65.26 2.87 -23.07	55.40 2.91 -13.10	59.45 2.99 -17.12	60.98 2.64 -23.30	43.38 3.04 0.00	44.72 3.02 -0.06	45.08 2.87 -4.42	39.33 2.51 -1.48	42.97 2.59 0.00
CALPINE_BETH_PAGE_GT_4 323586	48.41 2.21 0.00	46.59 1.96 0.00	39.34 1.67 0.00	38.59 1.63 0.00	40.80 1.76 0.00	38.98 1.58 0.00	38.20 1.82 0.00	35.18 1.97 0.00	48.77 2.66 0.00	55.51 2.94 0.00	59.59 3.22 0.00	61.68 3.66 0.00	92.26 3.78 -31.50	75.68 3.53 -20.76	75.27 3.59 -20.28	65.27 2.89 -23.07	55.41 2.92 -13.10	59.46 3.00 -17.12	60.97 2.64 -23.30	43.38 3.04 0.00	44.72 3.02 -0.06	45.08 2.88 -4.42	39.33 2.52 -1.48	42.97 2.59 0.00
CALPINE_BP_GT1 23823	48.41 2.21 0.00	46.59 1.96 0.00	39.34 1.67 0.00	38.59 1.63 0.00	40.80 1.76 0.00	38.98 1.58 0.00	38.20 1.82 0.00	35.18 1.97 0.00	48.77 2.66 0.00	55.51 2.94 0.00	59.59 3.22 0.00	61.68 3.66 0.00	92.26 3.78 -31.50	75.68 3.53 -20.76	75.27 3.59 -20.28	65.27 2.89 -23.07	55.41 2.92 -13.10	59.46 3.00 -17.12	60.97 2.64 -23.30	43.38 3.04 0.00	44.72 3.02 -0.06	45.08 2.88 -4.42	39.33 2.52 -1.48	42.97 2.59 0.00
CALSPAN___DRP 24200	44.96 -1.25 0.00	43.26 -1.37 0.00	36.36 -1.31 0.00	35.77 -1.19 0.00	37.71 -1.33 0.00	36.53 -0.87 0.00	35.53 -0.85 0.00	31.90 -1.31 0.00	44.61 -1.50 0.00	50.44 -2.14 0.00	53.82 -2.54 0.00	54.41 -3.61 0.00	53.11 -3.88 0.00	47.76 -3.63 0.00	47.57 -3.45 0.38	37.08 -2.23 0.00	37.19 -2.20 0.00	36.92 -2.43 0.00	32.76 -2.27 0.00	37.52 -2.81 0.00	38.75 -2.90 -0.01	35.38 -2.68 -0.27	33.51 -2.04 -0.22	38.87 -1.51 0.00

CALVERTON___SOLAR 323806	48.90 2.70 0.00	46.98 2.35 0.00	39.66 1.99 0.00	38.89 1.93 0.00	41.34 2.30 0.00	39.41 2.01 0.00	38.49 2.11 0.00	35.43 2.22 0.00	49.12 3.00 0.00	56.09 3.51 0.00	60.06 3.69 0.00	62.16 4.15 0.00	63.87 4.25 -2.63	71.51 4.03 -16.09	71.73 4.46 -15.88	60.69 3.18 -18.20	52.88 3.16 -10.32	56.08 3.22 -13.53	56.59 3.01 -18.55	43.74 3.40 0.00	45.05 3.35 -0.06	44.97 3.27 -3.91	39.59 2.77 -1.48	43.20 2.82 0.00
CANDIGU_WT_PWR 323617	45.29 -1.17 -0.25	43.54 -1.09 0.00	36.46 -1.21 0.00	35.61 -1.35 0.00	37.68 -1.38 -0.01	36.91 -0.97 -0.47	35.76 -0.61 0.00	32.55 -0.76 -0.10	45.48 -0.63 0.00	51.69 -0.89 0.00	55.47 -0.98 -0.09	56.44 -1.58 0.00	54.63 -2.37 0.00	48.54 -2.85 0.00	47.92 -2.81 0.67	37.20 -2.11 0.00	37.50 -1.89 0.00	37.48 -1.86 0.00	33.59 -1.44 0.00	38.39 -1.94 0.00	39.65 -2.00 -0.01	36.35 -1.82 -0.38	34.27 -1.50 -0.44	39.13 -1.33 -0.08
CARR STREET_E_SYR 24060	45.56 -0.64 0.00	43.98 -0.65 0.00	37.08 -0.59 0.00	36.37 -0.59 0.00	38.43 -0.62 0.00	36.86 -0.54 0.00	35.80 -0.58 0.00	32.61 -0.60 0.00	45.32 -0.79 0.00	51.67 -0.91 0.00	55.42 -0.95 0.00	56.97 -1.05 0.00	55.90 -1.09 0.00	50.33 -1.06 0.00	50.33 -1.07 0.00	38.55 -0.77 0.00	38.63 -0.76 0.00	38.55 -0.79 0.00	34.33 -0.70 0.00	39.47 -0.86 0.00	40.75 -0.90 0.00	37.10 -0.85 -0.16	34.71 -0.75 -0.13	39.64 -0.74 0.00
CARTHAGE___PAPER 23857	46.68 0.47 0.00	44.86 0.23 0.00	37.84 0.17 0.00	37.15 0.19 0.00	39.34 0.30 0.00	37.90 0.50 0.00	37.04 0.66 0.00	33.76 0.55 0.00	47.05 0.93 0.00	53.82 1.25 0.00	57.75 1.40 0.00	59.31 1.30 0.00	58.21 1.22 0.00	52.15 0.76 0.00	51.92 0.53 0.00	39.65 0.33 0.00	39.73 0.34 0.00	39.59 0.25 0.00	35.22 0.19 0.00	40.87 0.54 0.00	42.24 0.59 0.00	38.30 0.43 -0.08	35.73 0.33 -0.07	40.87 0.49 0.00
CASSADAGA_WT_PWR 323784	45.32 -0.14 0.75	44.23 -0.40 0.00	37.15 -0.52 0.00	36.43 -0.52 0.01	38.53 -0.47 0.04	36.03 0.07 1.43	36.55 0.17 0.00	32.61 -0.31 0.29	46.08 -0.03 0.00	52.04 -0.54 0.00	55.19 -0.88 0.29	56.09 -1.93 0.00	54.81 -2.19 0.00	48.99 -2.40 0.00	48.71 -2.20 0.50	38.01 -1.30 0.00	37.91 -1.48 0.00	37.52 -1.83 0.00	33.17 -1.86 0.00	37.84 -2.50 0.00	39.25 -2.40 -0.01	35.71 -2.36 -0.28	33.18 -1.97 0.18	39.13 -1.02 0.24
CE_DUNWOOD___DRP 24194	47.93 1.73 0.00	46.22 1.59 0.00	39.03 1.36 0.00	38.31 1.35 0.00	40.44 1.40 0.00	38.67 1.27 0.00	37.77 1.39 0.00	34.69 1.48 0.00	48.20 2.08 0.00	55.00 2.42 0.00	59.09 2.72 0.00	61.15 3.13 0.00	60.20 3.21 0.00	54.39 3.00 0.00	54.33 2.91 -0.03	41.52 2.21 0.00	41.70 2.31 0.00	41.78 2.44 0.00	37.18 2.15 0.00	42.76 2.42 0.00	44.18 2.48 -0.06	41.90 2.27 -1.85	38.76 1.95 -1.47	42.31 1.93 0.00
CE_MILLWOOD___DRP 24193	47.85 1.64 0.00	46.14 1.52 0.00	38.96 1.29 0.00	38.26 1.29 0.00	40.38 1.33 0.00	38.61 1.21 0.00	37.72 1.34 0.00	34.64 1.43 0.00	48.14 2.02 0.00	54.91 2.33 0.00	58.97 2.61 0.00	61.04 3.02 0.00	60.09 3.10 0.00	54.29 2.90 0.00	54.23 2.80 -0.03	41.44 2.12 0.00	41.61 2.22 0.00	41.70 2.36 0.00	37.11 2.08 0.00	42.68 2.34 0.00	44.10 2.40 -0.06	41.81 2.19 -1.84	38.68 1.87 -1.47	42.23 1.85 0.00
CE_NYC2_DRP 24202	48.12 1.92 0.00	46.43 1.80 0.00	39.19 1.52 0.00	38.50 1.54 0.00	40.60 1.56 0.00	38.77 1.37 0.00	37.85 1.48 0.00	34.80 1.59 0.00	48.32 2.21 0.00	55.10 2.52 0.00	59.21 2.85 0.00	61.31 3.29 0.00	60.38 3.39 0.00	54.61 3.22 0.00	54.56 3.14 -0.03	41.73 2.42 0.00	41.91 2.52 0.00	41.98 2.64 0.00	37.34 2.31 0.00	42.96 2.63 0.00	44.39 2.69 -0.06	42.13 2.50 -1.85	38.98 2.17 -1.48	42.54 2.16 0.00
CE_NYC_DRP 24195	48.14 1.93 0.00	46.44 1.81 0.00	39.20 1.54 0.00	38.48 1.52 0.00	40.60 1.56 0.00	38.77 1.37 0.00	37.84 1.46 0.00	34.77 1.56 0.00	48.28 2.17 0.00	55.08 2.50 0.00	59.16 2.80 0.00	61.27 3.26 0.00	60.35 3.36 0.00	54.57 3.18 0.00	54.52 3.10 -0.03	41.70 2.39 0.00	41.89 2.50 0.00	41.96 2.62 0.00	37.31 2.28 0.00	42.96 2.62 0.00	44.40 2.70 -0.06	42.15 2.52 -1.85	38.99 2.18 -1.48	42.55 2.17 0.00
CHAFFEE___LFGE 323603	44.46 -0.98 0.76	43.50 -1.13 0.00	36.51 -1.15 0.00	35.89 -1.06 0.01	37.87 -1.13 0.04	35.26 -0.69 1.45	35.72 -0.66 0.00	31.82 -1.09 0.30	44.96 -1.16 0.00	50.86 -1.72 0.00	53.96 -2.11 0.29	54.93 -3.09 0.00	53.61 -3.38 0.00	48.18 -3.21 0.00	47.87 -3.04 0.48	37.38 -1.94 0.00	37.50 -1.89 0.00	37.24 -2.10 0.00	33.10 -1.93 0.00	37.91 -2.43 0.00	39.15 -2.50 -0.01	35.76 -2.31 -0.28	33.38 -1.76 0.19	38.91 -1.23 0.24
CHATEAUG_35_KV_LOAD 355732	47.60 1.39 0.00	46.35 1.72 0.00	39.03 1.36 0.00	38.48 1.52 0.00	40.55 1.51 0.00	38.80 1.40 0.00	37.95 1.57 0.00	34.28 1.07 0.00	48.14 2.03 0.00	54.68 2.10 0.00	57.67 1.31 0.00	58.60 0.58 0.00	57.30 0.31 0.00	51.38 -0.01 0.00	51.87 0.48 0.00	39.64 0.33 0.00	39.97 0.58 0.00	39.93 0.59 0.00	35.19 0.16 0.00	40.49 0.15 0.00	41.79 0.15 0.00	37.95 0.16 0.00	35.50 0.16 0.00	41.34 0.96 0.00
CHATEAUG_WT_PWR 323614	47.61 1.41 0.00	46.37 1.74 0.00	39.06 1.40 0.00	38.54 1.58 0.00	40.60 1.56 0.00	38.85 1.45 0.00	37.99 1.61 0.00	34.29 1.08 0.00	48.17 2.05 0.00	54.69 2.12 0.00	57.72 1.36 0.00	58.70 0.68 0.00	57.37 0.38 0.00	51.49 0.10 0.00	51.96 0.56 0.00	39.69 0.38 0.00	39.99 0.60 0.00	39.98 0.63 0.00	35.24 0.21 0.00	40.57 0.23 0.00	41.84 0.20 0.00	38.01 0.22 0.00	35.54 0.20 0.00	41.36 0.98 0.00
CHAT_HIGH_FALL_HYD 323578	47.60 1.39 0.00	46.35 1.72 0.00	39.03 1.36 0.00	38.48 1.52 0.00	40.55 1.51 0.00	38.80 1.40 0.00	37.95 1.57 0.00	34.28 1.07 0.00	48.14 2.03 0.00	54.68 2.10 0.00	57.67 1.31 0.00	58.60 0.58 0.00	57.30 0.31 0.00	51.38 -0.01 0.00	51.87 0.48 0.00	39.64 0.33 0.00	39.97 0.58 0.00	39.93 0.59 0.00	35.19 0.16 0.00	40.49 0.15 0.00	41.79 0.15 0.00	37.95 0.16 0.00	35.50 0.16 0.00	41.34 0.96 0.00
CHAUTAUQUA___LFGE 323629	44.78 -0.73 0.69	43.69 -0.94 0.00	36.69 -0.98 0.00	36.02 -0.93 0.01	38.06 -0.95 0.04	35.64 -0.45 1.32	36.01 -0.37 0.00	32.13 -0.81 0.27	45.35 -0.77 0.00	51.23 -1.35 0.00	54.37 -1.73 0.26	55.19 -2.83 0.00	53.90 -3.09 0.00	48.28 -3.11 0.00	47.99 -2.93 0.47	37.45 -1.87 0.00	37.43 -1.96 0.00	37.12 -2.22 0.00	32.85 -2.18 0.00	37.54 -2.80 0.00	38.87 -2.78 -0.01	35.44 -2.63 -0.28	33.05 -2.13 0.16	38.74 -1.42 0.22
CHERRYST_13_KV_LD 356241	48.26 2.05 0.00	46.56 1.93 0.00	39.30 1.64 0.00	38.58 1.62 0.00	40.71 1.67 0.00	38.87 1.47 0.00	37.93 1.55 0.00	34.86 1.64 0.00	48.42 2.30 0.00	55.23 2.65 0.00	59.32 2.96 0.00	61.45 3.43 0.00	60.52 3.53 0.00	54.71 3.32 0.00	54.66 3.23 -0.03	41.82 2.50 0.00	42.01 2.62 0.00	42.07 2.73 0.00	37.40 2.37 0.00	43.08 2.74 0.00	44.52 2.82 -0.06	42.25 2.61 -1.85	39.08 2.26 -1.48	42.65 2.27 0.00

CHESTROR_138KV_BK263 355645	47.61 1.40 0.00	45.92 1.29 0.00	38.78 1.11 0.00	38.06 1.10 0.00	40.18 1.13 0.00	38.45 1.05 0.00	37.54 1.17 0.00	34.46 1.24 0.00	47.88 1.77 0.00	54.63 2.06 0.00	58.67 2.31 0.00	60.69 2.67 0.00	59.73 2.74 0.00	53.93 2.54 0.00	53.86 2.44 -0.02	41.15 1.84 0.00	41.31 1.92 0.00	41.41 2.06 0.00	36.87 1.84 0.00	42.39 2.06 0.00	43.79 2.09 -0.06	41.42 1.90 -1.73	38.32 1.61 -1.38	41.96 1.57 0.00
CH_MIDHUDSON___DRP 24192	47.91 1.70 0.00	46.19 1.56 0.00	39.01 1.34 0.00	38.29 1.32 0.00	40.42 1.37 0.00	38.68 1.28 0.00	37.80 1.42 0.00	34.71 1.50 0.00	48.27 2.15 0.00	55.11 2.54 0.00	59.23 2.87 0.00	61.27 3.25 0.00	60.30 3.31 0.00	54.45 3.06 0.00	54.36 2.94 -0.03	41.53 2.21 0.00	41.66 2.27 0.00	41.69 2.35 0.00	37.10 2.06 0.00	42.68 2.34 0.00	44.12 2.41 -0.06	41.83 2.17 -1.88	38.72 1.88 -1.50	42.24 1.86 0.00
CH_MISC_IPPS 23765	48.22 2.01 0.00	46.47 1.85 0.00	39.24 1.57 0.00	38.52 1.56 0.00	40.66 1.61 0.00	38.92 1.52 0.00	38.03 1.66 0.00	34.93 1.72 0.00	48.60 2.49 0.00	55.51 2.94 0.00	59.66 3.30 0.00	61.75 3.73 0.00	60.77 3.78 0.00	54.86 3.47 0.00	54.76 3.34 -0.03	41.83 2.52 0.00	41.97 2.58 0.00	42.02 2.68 0.00	37.38 2.35 0.00	42.99 2.66 0.00	44.43 2.73 -0.06	42.10 2.46 -1.85	38.95 2.13 -1.48	42.53 2.15 0.00
CH_RES_BVR_FALLS 23983	46.58 0.37 0.00	45.16 0.53 0.00	38.03 0.36 0.00	37.36 0.40 0.00	39.45 0.40 0.00	37.81 0.41 0.00	36.88 0.51 0.00	33.51 0.29 0.00	46.70 0.58 0.00	53.12 0.54 0.00	56.57 0.20 0.00	57.84 -0.18 0.00	56.72 -0.27 0.00	51.04 -0.35 0.00	51.23 -0.16 0.00	39.15 -0.16 0.00	39.31 -0.08 0.00	39.23 -0.11 0.00	34.76 -0.27 0.00	40.12 -0.22 0.00	41.45 -0.19 0.00	37.63 -0.15 0.00	35.24 -0.10 0.00	40.67 0.29 0.00
CH_RES_NIAGARA 23895	43.33 -2.88 0.00	41.66 -2.97 0.00	35.02 -2.65 0.00	34.46 -2.50 0.00	36.33 -2.71 0.00	35.22 -2.18 0.00	34.21 -2.17 0.00	30.62 -2.59 0.00	42.80 -3.32 0.00	48.31 -4.26 0.00	51.46 -4.90 0.00	51.88 -6.14 0.00	50.73 -6.26 0.00	45.65 -5.74 0.00	45.55 -5.52 0.33	35.51 -3.81 0.00	35.71 -3.68 0.00	35.44 -3.90 0.00	31.45 -3.58 0.00	36.03 -4.31 0.00	37.19 -4.46 -0.01	33.96 -4.08 -0.25	32.25 -3.29 -0.20	37.52 -2.86 0.00
CH_RES_SYRACUSE 23985	45.80 -0.41 0.00	44.22 -0.41 0.00	37.27 -0.39 0.00	36.55 -0.41 0.00	38.64 -0.40 0.00	37.06 -0.35 0.00	36.00 -0.38 0.00	32.80 -0.41 0.00	45.60 -0.52 0.00	51.99 -0.58 0.00	55.77 -0.59 0.00	57.33 -0.69 0.00	56.25 -0.74 0.00	50.64 -0.75 0.00	50.64 -0.76 0.00	38.77 -0.54 0.00	38.86 -0.53 0.00	38.79 -0.55 0.00	34.54 -0.49 0.00	39.71 -0.62 0.00	41.00 -0.65 -0.01	37.33 -0.63 -0.18	34.93 -0.55 -0.14	39.87 -0.52 0.00
CLINTON_WT_PWR 323605	47.61 1.41 0.00	46.37 1.74 0.00	39.06 1.40 0.00	38.54 1.58 0.00	40.60 1.56 0.00	38.85 1.45 0.00	37.99 1.61 0.00	34.29 1.08 0.00	48.17 2.05 0.00	54.69 2.12 0.00	57.72 1.36 0.00	58.70 0.68 0.00	57.37 0.38 0.00	51.49 0.10 0.00	51.96 0.56 0.00	39.69 0.38 0.00	39.99 0.60 0.00	39.98 0.63 0.00	35.24 0.21 0.00	40.57 0.23 0.00	41.84 0.20 0.00	38.01 0.22 0.00	35.54 0.20 0.00	41.36 0.98 0.00
CLINTON___LFGE 323618	48.41 2.20 0.00	47.12 2.49 0.00	39.71 2.04 0.00	39.16 2.21 0.00	41.24 2.19 0.00	39.47 2.08 0.00	38.64 2.26 0.00	34.88 1.67 0.00	49.04 2.93 0.00	55.71 3.13 0.00	58.81 2.45 0.00	59.95 1.94 0.00	58.49 1.50 0.00	52.46 1.07 0.00	52.96 1.56 0.00	40.43 1.12 0.00	40.71 1.33 0.00	40.72 1.38 0.00	35.89 0.86 0.00	41.33 0.99 0.00	42.61 0.97 0.00	38.69 0.90 0.00	36.13 0.79 0.00	41.98 1.60 0.00
COBBLENY_34_KV_TB1 80064	45.22 -0.99 0.00	43.50 -1.13 0.00	36.54 -1.13 0.00	35.95 -1.01 0.00	37.91 -1.13 0.00	36.72 -0.68 0.00	35.73 -0.64 0.00	32.11 -1.10 0.00	44.95 -1.17 0.00	50.86 -1.71 0.00	54.26 -2.10 0.00	54.90 -3.12 0.00	53.60 -3.39 0.00	48.20 -3.19 0.00	47.97 -3.02 0.40	37.38 -1.94 0.00	37.50 -1.89 0.00	37.25 -2.09 0.00	33.10 -1.93 0.00	37.93 -2.41 0.00	39.15 -2.50 -0.01	35.76 -2.31 -0.28	33.82 -1.75 -0.23	39.16 -1.23 0.00
COFFEEN___115KV_TB3 355620	46.37 0.17 0.00	44.50 -0.13 0.00	37.52 -0.15 0.00	36.81 -0.15 0.00	39.02 -0.02 0.00	37.63 0.23 0.00	36.75 0.38 0.00	33.54 0.33 0.00	46.72 0.61 0.00	53.50 0.92 0.00	57.49 1.13 0.00	59.09 1.08 0.00	57.99 1.00 0.00	51.93 0.54 0.00	51.62 0.23 0.00	39.47 0.16 0.00	39.55 0.16 0.00	39.42 0.08 0.00	35.11 0.08 0.00	40.73 0.40 0.00	42.06 0.42 0.00	38.14 0.26 -0.09	35.56 0.15 -0.07	40.60 0.22 0.00
COLDSPRG_115KV_BK1 355956	46.56 0.35 0.00	44.75 0.12 0.00	37.61 -0.06 0.00	36.94 -0.02 0.00	39.01 -0.03 0.00	37.82 0.42 0.00	36.89 0.51 0.00	33.15 -0.06 0.00	46.45 0.33 0.00	52.55 -0.03 0.00	56.18 -0.18 0.00	57.00 -1.01 0.00	55.72 -1.27 0.00	49.99 -1.40 0.00	49.83 -1.12 0.45	38.80 -0.52 0.00	38.78 -0.61 0.00	38.50 -0.84 0.00	34.22 -0.81 0.00	39.17 -1.17 0.00	40.57 -1.08 -0.01	36.97 -1.11 -0.30	34.71 -0.87 -0.24	40.23 -0.15 0.00
COLONIE_LFGE___ 323577	47.88 1.67 0.00	46.27 1.64 0.00	39.14 1.47 0.00	38.39 1.43 0.00	40.59 1.55 0.00	38.85 1.45 0.00	37.85 1.48 0.00	34.67 1.46 0.00	48.06 1.94 0.00	54.80 2.22 0.00	58.73 2.37 0.00	60.47 2.45 0.00	59.48 2.49 0.00	53.74 2.35 0.00	53.76 2.33 -0.03	41.06 1.75 0.00	41.03 1.64 0.00	40.97 1.63 0.00	36.50 1.47 0.00	42.11 1.77 0.00	43.59 1.87 -0.07	41.68 1.67 -2.23	38.63 1.52 -1.78	41.92 1.54 0.00
COOPERNY_115KV_TB1 80082	46.88 0.67 0.00	45.25 0.62 0.00	38.21 0.54 0.00	37.50 0.54 0.00	39.60 0.55 0.00	37.91 0.51 0.00	36.98 0.60 0.00	33.86 0.65 0.00	47.06 0.94 0.00	53.67 1.09 0.00	57.60 1.24 0.00	59.45 1.43 0.00	58.42 1.43 0.00	52.72 1.33 0.00	52.69 1.28 -0.02	40.29 0.97 0.00	40.41 1.02 0.00	40.45 1.11 0.00	36.03 1.00 0.00	41.44 1.11 0.00	42.81 1.12 -0.04	40.05 1.01 -1.25	37.18 0.85 -1.00	41.19 0.80 0.00
COPENHAGEN_WT_PWR 323753	45.93 -0.27 0.00	44.07 -0.55 0.00	37.19 -0.48 0.00	36.51 -0.45 0.00	38.71 -0.33 0.00	37.38 -0.02 0.00	36.49 0.12 0.00	33.28 0.07 0.00	46.29 0.17 0.00	52.98 0.41 0.00	56.95 0.59 0.00	58.60 0.58 0.00	57.53 0.54 0.00	51.54 0.15 0.00	51.24 -0.16 0.00	39.15 -0.17 0.00	39.20 -0.19 0.00	39.05 -0.30 0.00	34.80 -0.23 0.00	40.41 0.08 0.00	41.74 0.10 0.00	37.87 -0.01 -0.10	35.34 -0.08 -0.08	40.32 -0.06 0.00
CORNELL_____ 23752	46.78 0.57 0.00	45.15 0.52 0.00	38.00 0.33 0.00	37.26 0.30 0.00	39.35 0.31 0.00	37.75 0.35 0.00	36.81 0.43 0.00	33.58 0.37 0.00	46.84 0.73 0.00	53.47 0.90 0.00	57.46 1.10 0.00	59.10 1.08 0.00	57.87 0.88 0.00	51.95 0.56 0.00	53.54 0.57 -1.58	39.75 0.44 0.00	39.87 0.48 0.00	39.78 0.44 0.00	35.42 0.39 0.00	40.69 0.35 0.00	42.04 0.38 -0.01	38.48 0.30 -0.39	35.92 0.27 -0.31	40.72 0.34 0.00

CORONA__69_KV_TB1 355595	48.37 2.16 0.00	46.57 1.94 0.00	39.30 1.64 0.00	38.57 1.61 0.00	40.78 1.74 0.00	38.97 1.56 0.00	38.13 1.76 0.00	35.11 1.90 0.00	48.73 2.62 0.00	55.64 3.06 0.00	59.74 3.37 -0.01	61.85 3.83 0.00	193.72 3.96 -132.77	87.23 3.72 -32.12	85.89 3.72 -30.77	76.58 2.79 -34.47	61.90 2.88 -19.63	67.79 2.96 -25.48	71.76 2.59 -34.15	43.36 3.03 0.00	44.74 3.03 -0.06	46.17 2.85 -5.54	39.27 2.46 -1.48	42.91 2.53 0.00
CORTLAND__115KV_TB3 80093	46.42 0.21 0.00	44.84 0.21 0.00	37.77 0.10 0.00	37.04 0.08 0.00	39.13 0.08 0.00	37.53 0.13 0.00	36.56 0.18 0.00	33.35 0.14 0.00	46.47 0.35 0.00	53.02 0.44 0.00	56.94 0.58 0.00	58.59 0.57 0.00	57.42 0.43 0.00	51.62 0.23 0.00	52.04 0.21 -0.43	39.49 0.18 0.00	39.59 0.20 0.00	39.50 0.16 0.00	35.17 0.14 0.00	40.43 0.10 0.00	41.76 0.10 -0.01	38.15 0.05 -0.32	35.63 0.03 -0.25	40.46 0.07 0.00
COXSACKIE__GT 23611	49.65 3.44 0.00	47.93 3.30 0.00	40.51 2.85 0.00	39.74 2.78 0.00	42.03 2.98 0.00	40.24 2.84 0.00	39.10 2.73 0.00	35.91 2.70 0.00	49.83 3.71 0.00	57.05 4.47 0.00	61.22 4.87 0.00	63.05 5.04 0.00	61.96 4.97 0.00	55.83 4.44 0.00	55.79 4.37 -0.03	42.60 3.29 0.00	42.55 3.16 0.00	42.42 3.08 0.00	37.82 2.79 0.00	43.67 3.33 0.00	45.12 3.41 -0.07	42.96 3.08 -2.10	39.97 2.96 -1.67	43.58 3.20 0.00
CPV_VALLEY__CC1 323721	46.63 0.42 0.00	45.00 0.37 0.00	38.04 0.37 0.00	37.33 0.38 0.00	39.41 0.37 0.00	37.74 0.34 0.00	36.81 0.43 0.00	33.71 0.50 0.00	46.81 0.70 0.00	53.38 0.80 0.00	57.27 0.91 0.00	59.14 1.12 0.00	58.13 1.14 0.00	52.46 1.07 0.00	52.43 1.02 -0.02	40.11 0.80 0.00	40.20 0.81 0.00	40.24 0.90 0.00	35.88 0.85 0.00	41.26 0.92 0.00	42.61 0.93 -0.04	39.85 0.85 -1.21	37.00 0.69 -0.97	41.01 0.63 0.00
CPV_VALLEY__CC2 323722	46.63 0.42 0.00	45.00 0.37 0.00	38.04 0.37 0.00	37.33 0.38 0.00	39.41 0.37 0.00	37.74 0.34 0.00	36.81 0.43 0.00	33.71 0.50 0.00	46.81 0.70 0.00	53.38 0.80 0.00	57.27 0.91 0.00	59.14 1.12 0.00	58.13 1.14 0.00	52.46 1.07 0.00	52.43 1.02 -0.02	40.11 0.80 0.00	40.20 0.81 0.00	40.24 0.90 0.00	35.88 0.85 0.00	41.26 0.92 0.00	42.61 0.93 -0.04	39.85 0.85 -1.21	37.00 0.69 -0.97	41.01 0.63 0.00
CRESCENT__HYD 24018	47.88 1.67 0.00	46.27 1.64 0.00	39.14 1.47 0.00	38.39 1.43 0.00	40.59 1.55 0.00	38.85 1.45 0.00	37.85 1.48 0.00	34.67 1.46 0.00	48.06 1.94 0.00	54.80 2.22 0.00	58.73 2.37 0.00	60.47 2.45 0.00	59.48 2.49 0.00	53.74 2.35 0.00	53.76 2.33 -0.03	41.06 1.75 0.00	41.03 1.64 0.00	40.97 1.63 0.00	36.50 1.47 0.00	42.11 1.77 0.00	43.59 1.87 -0.07	41.68 1.67 -2.23	38.63 1.52 -1.78	41.92 1.54 0.00
CRICKET__VALLEY_CC1 323756	47.31 1.10 0.00	45.63 1.00 0.00	38.56 0.89 0.00	37.87 0.91 0.00	39.97 0.92 0.00	38.24 0.84 0.00	37.42 1.04 0.00	34.36 1.15 0.00	47.76 1.64 0.00	54.53 1.95 0.00	58.61 2.24 0.00	60.62 2.60 0.00	59.66 2.67 0.00	53.84 2.46 0.00	53.75 2.32 -0.03	41.07 1.76 0.00	41.13 1.74 0.00	41.14 1.80 0.00	36.60 1.57 0.00	42.15 1.82 0.00	43.61 1.91 -0.06	41.38 1.66 -1.93	38.32 1.44 -1.54	41.73 1.34 0.00
CRICKET__VALLEY_CC2 323757	47.31 1.10 0.00	45.63 1.00 0.00	38.56 0.89 0.00	37.87 0.91 0.00	39.97 0.92 0.00	38.24 0.84 0.00	37.42 1.04 0.00	34.36 1.15 0.00	47.76 1.64 0.00	54.53 1.95 0.00	58.61 2.24 0.00	60.62 2.60 0.00	59.66 2.67 0.00	53.84 2.46 0.00	53.75 2.32 -0.03	41.07 1.76 0.00	41.13 1.74 0.00	41.14 1.80 0.00	36.60 1.57 0.00	42.15 1.82 0.00	43.61 1.91 -0.06	41.38 1.66 -1.93	38.32 1.44 -1.54	41.73 1.34 0.00
CRICKET__VALLEY_CC3 323758	47.31 1.10 0.00	45.63 1.00 0.00	38.56 0.89 0.00	37.87 0.91 0.00	39.97 0.92 0.00	38.24 0.84 0.00	37.42 1.04 0.00	34.36 1.15 0.00	47.76 1.64 0.00	54.53 1.95 0.00	58.61 2.24 0.00	60.62 2.60 0.00	59.66 2.67 0.00	53.84 2.46 0.00	53.75 2.32 -0.03	41.07 1.76 0.00	41.13 1.74 0.00	41.14 1.80 0.00	36.60 1.57 0.00	42.15 1.82 0.00	43.61 1.91 -0.06	41.38 1.66 -1.93	38.32 1.44 -1.54	41.73 1.34 0.00
CRUCIBLE__METL_DRP 24180	45.80 -0.41 0.00	44.22 -0.40 0.00	37.28 -0.39 0.00	36.56 -0.40 0.00	38.64 -0.40 0.00	37.06 -0.35 0.00	36.00 -0.38 0.00	32.80 -0.41 0.00	45.60 -0.52 0.00	51.99 -0.58 0.00	55.77 -0.59 0.00	57.33 -0.69 0.00	56.25 -0.74 0.00	50.64 -0.76 0.00	50.64 -0.75 0.00	38.77 -0.54 0.00	38.86 -0.53 0.00	38.79 -0.55 0.00	34.54 -0.49 0.00	39.71 -0.62 0.00	41.00 -0.65 -0.01	37.33 -0.62 -0.18	34.93 -0.55 -0.14	39.87 -0.51 0.00
DAHOWA__HYDRO 323763	48.70 2.49 0.00	47.05 2.42 0.00	39.80 2.13 0.00	39.06 2.11 0.00	41.32 2.28 0.00	39.58 2.18 0.00	38.68 2.31 0.00	35.40 2.19 0.00	49.23 3.11 0.00	56.15 3.57 0.00	60.22 3.86 0.00	61.98 3.97 0.00	60.95 3.96 0.00	54.96 3.58 0.00	54.99 3.56 -0.03	41.96 2.65 0.00	41.90 2.51 0.00	41.85 2.51 0.00	37.30 2.26 0.00	43.04 2.70 0.00	44.56 2.85 -0.07	42.52 2.48 -2.26	39.31 2.17 -1.80	42.66 2.28 0.00
DANC__LFGE 323619	45.68 -0.53 0.00	43.92 -0.71 0.00	37.05 -0.62 0.00	36.36 -0.60 0.00	38.50 -0.55 0.00	37.09 -0.31 0.00	36.09 -0.29 0.00	32.91 -0.31 0.00	45.76 -0.35 0.00	52.35 -0.22 0.00	56.23 -0.14 0.00	57.82 -0.20 0.00	56.75 -0.24 0.00	50.95 -0.45 0.00	50.75 -0.65 0.00	38.81 -0.51 0.00	38.84 -0.55 0.00	38.70 -0.64 0.00	34.48 -0.55 0.00	39.96 -0.37 0.00	41.26 -0.38 0.00	37.47 -0.43 -0.11	35.00 -0.43 -0.09	39.95 -0.43 0.00
DANSKAMMER__1 23586	48.22 2.01 0.00	46.47 1.85 0.00	39.24 1.57 0.00	38.52 1.56 0.00	40.66 1.61 0.00	38.92 1.52 0.00	38.03 1.66 0.00	34.93 1.72 0.00	48.60 2.49 0.00	55.51 2.94 0.00	59.66 3.30 0.00	61.75 3.73 0.00	60.77 3.78 0.00	54.86 3.47 0.00	54.76 3.34 -0.03	41.83 2.52 0.00	41.97 2.58 0.00	42.02 2.68 0.00	37.38 2.35 0.00	42.99 2.66 0.00	44.43 2.73 -0.06	42.10 2.46 -1.85	38.95 2.13 -1.48	42.53 2.15 0.00
DANSKAMMER__2 23589	48.22 2.01 0.00	46.47 1.85 0.00	39.24 1.57 0.00	38.52 1.56 0.00	40.66 1.61 0.00	38.92 1.52 0.00	38.03 1.66 0.00	34.93 1.72 0.00	48.60 2.49 0.00	55.51 2.94 0.00	59.66 3.30 0.00	61.75 3.73 0.00	60.77 3.78 0.00	54.86 3.47 0.00	54.76 3.34 -0.03	41.83 2.52 0.00	41.97 2.58 0.00	42.02 2.68 0.00	37.38 2.35 0.00	42.99 2.66 0.00	44.43 2.73 -0.06	42.10 2.46 -1.85	38.95 2.13 -1.48	42.53 2.15 0.00
DANSKAMMER__3 23590	48.22 2.01 0.00	46.47 1.85 0.00	39.24 1.57 0.00	38.52 1.56 0.00	40.66 1.61 0.00	38.92 1.52 0.00	38.03 1.66 0.00	34.93 1.72 0.00	48.60 2.49 0.00	55.51 2.94 0.00	59.66 3.30 0.00	61.75 3.73 0.00	60.77 3.78 0.00	54.86 3.47 0.00	54.76 3.34 -0.03	41.83 2.52 0.00	41.97 2.58 0.00	42.02 2.68 0.00	37.38 2.35 0.00	42.99 2.66 0.00	44.43 2.73 -0.06	42.10 2.46 -1.85	38.95 2.13 -1.48	42.53 2.15 0.00

DANSKAMMER___4 23591	48.22 2.01 0.00	46.47 1.85 0.00	39.24 1.57 0.00	38.52 1.56 0.00	40.66 1.61 0.00	38.92 1.52 0.00	38.03 1.66 0.00	34.93 1.72 0.00	48.60 2.49 0.00	55.51 2.94 0.00	59.66 3.30 0.00	61.75 3.73 0.00	60.77 3.78 0.00	54.86 3.47 0.00	54.76 3.34 -0.03	41.83 2.52 0.00	41.97 2.58 0.00	42.02 2.68 0.00	37.38 2.35 0.00	42.99 2.66 0.00	44.43 2.73 -0.06	42.10 2.46 -1.85	38.95 2.13 -1.48	42.53 2.15 0.00
DANSKAMMER___DIESEL 23592	48.22 2.01 0.00	46.47 1.85 0.00	39.23 1.56 0.00	38.51 1.55 0.00	40.66 1.61 0.00	38.91 1.51 0.00	38.03 1.65 0.00	34.93 1.72 0.00	48.61 2.49 0.00	55.52 2.94 0.00	59.66 3.30 0.00	61.75 3.73 0.00	60.77 3.79 0.00	54.86 3.47 0.00	54.77 3.34 -0.03	41.83 2.52 0.00	41.97 2.59 0.00	42.02 2.68 0.00	37.39 2.36 0.00	42.99 2.66 0.00	44.43 2.73 -0.06	42.10 2.46 -1.85	38.95 2.13 -1.48	42.53 2.15 0.00
DARBY___SOLAR 323810	48.52 2.31 0.00	46.88 2.25 0.00	39.65 1.98 0.00	38.92 1.96 0.00	41.15 2.11 0.00	39.42 2.02 0.00	38.50 2.13 0.00	35.24 2.03 0.00	48.97 2.86 0.00	55.84 3.27 0.00	59.89 3.53 0.00	61.65 3.63 0.00	60.63 3.64 0.00	54.68 3.29 0.00	54.71 3.29 -0.03	41.76 2.45 0.00	41.70 2.31 0.00	41.66 2.31 0.00	37.12 2.09 0.00	42.84 2.50 0.00	44.34 2.62 -0.07	42.35 2.31 -2.25	39.16 2.03 -1.80	42.51 2.13 0.00
DASHVILLE___HYD 23610	47.46 1.25 0.00	45.73 1.10 0.00	38.61 0.94 0.00	37.90 0.94 0.00	40.00 0.95 0.00	38.27 0.87 0.00	37.44 1.07 0.00	34.40 1.19 0.00	47.93 1.82 0.00	54.74 2.17 0.00	58.83 2.47 0.00	60.92 2.90 0.00	59.96 2.97 0.00	54.14 2.75 0.00	54.03 2.61 -0.03	41.26 1.95 0.00	41.45 2.06 0.00	41.51 2.17 0.00	36.93 1.90 0.00	42.40 2.07 0.00	43.81 2.11 -0.06	41.53 1.86 -1.89	38.39 1.55 -1.51	41.88 1.50 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	49.90 3.69 0.00	47.90 3.27 0.00	40.40 2.73 0.00	39.61 2.65 0.00	42.04 3.00 0.00	39.81 2.41 0.00	38.42 2.05 0.00	35.39 2.18 0.00	48.99 2.88 0.00	56.01 3.43 0.00	60.02 3.65 0.00	62.18 4.16 0.00	63.96 4.30 -2.67	71.50 4.01 -16.09	71.74 4.46 -15.89	60.65 3.14 -18.21	52.85 3.14 -10.33	56.03 3.15 -13.53	56.58 2.99 -18.56	43.71 3.37 0.00	45.04 3.34 -0.06	44.93 3.24 -3.91	39.55 2.73 -1.48	43.08 2.70 0.00
DELAWARE___LFGE 323621	47.20 1.00 0.00	45.55 0.93 0.00	38.41 0.74 0.00	37.66 0.70 0.00	39.75 0.71 0.00	38.06 0.66 0.00	37.11 0.74 0.00	33.93 0.72 0.00	47.27 1.16 0.00	53.96 1.39 0.00	57.95 1.59 0.00	59.80 1.78 0.00	58.69 1.71 0.00	52.85 1.46 0.00	52.93 1.45 -0.08	40.34 1.03 0.00	40.46 1.07 0.00	40.41 1.07 0.00	35.98 0.95 0.00	41.37 1.03 0.00	42.74 1.08 -0.03	39.53 0.99 -0.76	36.80 0.86 -0.60	41.27 0.89 0.00
DERFIELD_115KV_TB7 355931	46.36 0.15 0.00	44.80 0.17 0.00	37.82 0.15 0.00	37.11 0.15 0.00	39.20 0.16 0.00	37.54 0.14 0.00	36.52 0.15 0.00	33.34 0.13 0.00	46.30 0.18 0.00	52.79 0.22 0.00	56.59 0.23 0.00	58.25 0.23 0.00	57.22 0.23 0.00	51.61 0.21 0.00	51.63 0.24 0.00	39.47 0.16 0.00	39.55 0.16 0.00	39.46 0.12 0.00	35.14 0.10 0.00	40.48 0.15 0.00	41.80 0.16 0.00	37.93 0.15 0.00	35.48 0.14 0.00	40.54 0.16 0.00
DOGLEVILLE___HYD 23807	46.93 0.72 0.00	45.40 0.77 0.00	38.31 0.64 0.00	37.55 0.59 0.00	39.63 0.58 0.00	37.74 0.34 0.00	36.68 0.30 0.00	33.64 0.42 0.00	46.74 0.63 0.00	53.35 0.78 0.00	57.46 1.10 0.00	59.45 1.43 0.00	58.56 1.57 0.00	53.00 1.61 0.00	53.05 1.65 0.00	40.33 1.02 0.00	40.17 0.78 0.00	40.03 0.69 0.00	35.60 0.57 0.00	41.11 0.77 0.00	42.41 0.77 0.00	38.56 0.77 0.00	36.03 0.69 0.00	40.79 0.41 0.00
DUNKIRK___115KV_TB_200 55889	45.39 -0.82 0.00	43.62 -1.01 0.00	36.66 -1.00 0.00	36.03 -0.93 0.00	38.03 -1.01 0.00	36.89 -0.51 0.00	35.95 -0.43 0.00	32.33 -0.89 0.00	45.24 -0.88 0.00	51.13 -1.45 0.00	54.52 -1.84 0.00	55.06 -2.96 0.00	53.79 -3.20 0.00	48.22 -3.17 0.00	48.00 -3.00 0.40	37.40 -1.92 0.00	37.39 -2.00 0.00	37.09 -2.25 0.00	32.84 -2.19 0.00	37.55 -2.79 0.00	38.85 -2.80 -0.01	35.43 -2.63 -0.28	33.44 -2.12 -0.22	38.94 -1.44 0.00
DUNKIRK___1 23563	45.39 -0.82 0.00	43.62 -1.01 0.00	36.66 -1.00 0.00	36.03 -0.93 0.00	38.03 -1.01 0.00	36.89 -0.51 0.00	35.95 -0.43 0.00	32.33 -0.89 0.00	45.24 -0.88 0.00	51.13 -1.45 0.00	54.52 -1.84 0.00	55.06 -2.96 0.00	53.79 -3.20 0.00	48.22 -3.17 0.00	48.00 -3.00 0.40	37.40 -1.92 0.00	37.39 -2.00 0.00	37.09 -2.25 0.00	32.84 -2.19 0.00	37.55 -2.79 0.00	38.85 -2.80 -0.01	35.43 -2.63 -0.28	33.44 -2.12 -0.22	38.94 -1.44 0.00
DUNKIRK___2 23564	45.39 -0.82 0.00	43.62 -1.01 0.00	36.66 -1.00 0.00	36.03 -0.93 0.00	38.03 -1.01 0.00	36.89 -0.51 0.00	35.95 -0.43 0.00	32.33 -0.89 0.00	45.24 -0.88 0.00	51.13 -1.45 0.00	54.52 -1.84 0.00	55.06 -2.96 0.00	53.79 -3.20 0.00	48.22 -3.17 0.00	48.00 -3.00 0.40	37.40 -1.92 0.00	37.39 -2.00 0.00	37.09 -2.25 0.00	32.84 -2.19 0.00	37.55 -2.79 0.00	38.85 -2.80 -0.01	35.43 -2.63 -0.28	33.44 -2.12 -0.22	38.94 -1.44 0.00
DUNKIRK___3 23565	45.20 -1.01 0.00	43.45 -1.18 0.00	36.53 -1.14 0.00	35.92 -1.04 0.00	37.89 -1.16 0.00	36.74 -0.66 0.00	35.77 -0.61 0.00	32.15 -1.07 0.00	44.98 -1.14 0.00	50.84 -1.73 0.00	54.23 -2.13 0.00	54.80 -3.22 0.00	53.51 -3.48 0.00	48.03 -3.36 0.00	47.81 -3.19 0.39	37.25 -2.06 0.00	37.30 -2.09 0.00	37.01 -2.34 0.00	32.79 -2.24 0.00	37.52 -2.82 0.00	38.79 -2.87 -0.01	35.40 -2.66 -0.28	33.44 -2.12 -0.22	38.88 -1.50 0.00
DUNKIRK___4 23566	45.20 -1.01 0.00	43.45 -1.18 0.00	36.53 -1.14 0.00	35.92 -1.04 0.00	37.89 -1.16 0.00	36.74 -0.66 0.00	35.77 -0.61 0.00	32.15 -1.07 0.00	44.98 -1.14 0.00	50.84 -1.73 0.00	54.23 -2.13 0.00	54.80 -3.22 0.00	53.51 -3.48 0.00	48.03 -3.36 0.00	47.81 -3.19 0.39	37.25 -2.06 0.00	37.30 -2.09 0.00	37.01 -2.34 0.00	32.79 -2.24 0.00	37.52 -2.82 0.00	38.79 -2.87 -0.01	35.40 -2.66 -0.28	33.44 -2.12 -0.22	38.88 -1.50 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	48.06 1.85 0.00	46.34 1.71 0.00	39.12 1.46 0.00	38.41 1.45 0.00	40.54 1.50 0.00	38.76 1.36 0.00	37.85 1.48 0.00	34.77 1.56 0.00	48.31 2.19 0.00	55.10 2.52 0.00	59.20 2.84 0.00	61.27 3.25 0.00	60.32 3.33 0.00	54.51 3.12 0.00	54.45 3.03 -0.03	41.62 2.31 0.00	41.79 2.40 0.00	41.86 2.52 0.00	37.25 2.22 0.00	42.84 2.50 0.00	44.26 2.56 -0.06	41.99 2.35 -1.85	38.85 2.03 -1.48	42.41 2.03 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	47.95 1.74 0.00	46.23 1.60 0.00	39.02 1.35 0.00	38.31 1.35 0.00	40.44 1.40 0.00	38.71 1.31 0.00	37.81 1.44 0.00	34.73 1.51 0.00	48.31 2.19 0.00	55.16 2.59 0.00	59.26 2.89 0.00	61.32 3.31 0.00	60.36 3.37 0.00	54.49 3.10 0.00	54.41 2.99 -0.03	41.55 2.24 0.00	41.72 2.33 0.00	41.79 2.45 0.00	37.19 2.16 0.00	42.76 2.42 0.00	44.19 2.49 -0.06	41.84 2.24 -1.81	38.70 1.92 -1.44	42.29 1.91 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	48.01 1.81 0.00	46.32 1.70 0.00	39.12 1.46 0.00	38.48 1.52 0.00	40.54 1.49 0.00	38.70 1.30 0.00	37.79 1.42 0.00	34.76 1.55 0.00	48.25 2.13 0.00	54.97 2.39 0.00	59.09 2.73 0.00	61.20 3.19 0.00	60.23 3.24 0.00	54.50 3.11 0.00	54.47 3.05 -0.03	41.62 2.31 0.00	41.80 2.41 0.00	41.85 2.51 0.00	37.24 2.21 0.00	42.87 2.53 0.00	44.31 2.60 -0.06	42.07 2.43 -1.85	38.90 2.09 -1.48	42.43 2.05 0.00
E179THST_13_KV_LOAD 356214	48.19 1.98 0.00	46.50 1.87 0.00	39.26 1.59 0.00	38.61 1.65 0.00	40.67 1.62 0.00	38.84 1.44 0.00	37.93 1.55 0.00	34.89 1.68 0.00	48.43 2.32 0.00	55.19 2.61 0.00	59.33 2.97 0.00	61.49 3.47 0.00	60.51 3.52 0.00	54.75 3.36 0.00	54.71 3.29 -0.03	41.81 2.50 0.00	42.00 2.61 0.00	42.05 2.71 0.00	37.40 2.37 0.00	43.04 2.71 0.00	44.49 2.79 -0.06	42.23 2.60 -1.85	39.05 2.24 -1.48	42.59 2.21 0.00
EAST HAMPTON___GT 23717	50.36 4.16 0.00	48.32 3.70 0.00	40.76 3.09 0.00	39.95 2.99 0.00	42.27 3.23 0.00	39.78 2.38 0.00	37.89 1.52 0.00	34.91 1.70 0.00	48.20 2.09 0.00	55.17 2.60 0.00	59.17 2.80 0.00	61.34 3.32 0.00	63.09 3.43 -2.67	70.75 3.27 -16.09	70.97 3.68 -15.89	60.07 2.55 -18.21	52.26 2.54 -10.33	55.41 2.54 -13.53	56.03 2.45 -18.56	43.07 2.73 0.00	44.38 2.68 -0.06	44.33 2.63 -3.91	38.96 2.14 -1.48	42.39 2.01 0.00
EAST RIVER___6 23660	48.15 1.94 0.00	46.45 1.82 0.00	39.22 1.56 0.00	38.50 1.54 0.00	40.60 1.56 0.00	38.73 1.33 0.00	37.78 1.41 0.00	34.73 1.52 0.00	48.22 2.11 0.00	55.01 2.44 0.00	59.10 2.73 0.00	61.19 3.17 0.00	60.26 3.28 0.00	54.50 3.10 0.00	54.45 3.03 -0.03	41.68 2.37 0.00	41.86 2.47 0.00	41.94 2.59 0.00	37.26 2.23 0.00	42.99 2.65 0.00	44.44 2.74 -0.06	42.15 2.52 -1.85	38.95 2.13 -1.48	42.52 2.14 0.00
EAST RIVER___7 23524	48.15 1.94 0.00	46.45 1.82 0.00	39.22 1.56 0.00	38.50 1.54 0.00	40.60 1.56 0.00	38.73 1.33 0.00	37.78 1.41 0.00	34.73 1.52 0.00	48.22 2.11 0.00	55.01 2.44 0.00	59.10 2.73 0.00	61.19 3.17 0.00	60.26 3.28 0.00	54.50 3.10 0.00	54.45 3.03 -0.03	41.68 2.37 0.00	41.86 2.47 0.00	41.94 2.59 0.00	37.26 2.23 0.00	42.99 2.65 0.00	44.44 2.74 -0.06	42.15 2.52 -1.85	38.95 2.13 -1.48	42.52 2.14 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	47.93 1.73 0.00	46.22 1.59 0.00	39.03 1.36 0.00	38.31 1.35 0.00	40.44 1.40 0.00	38.67 1.27 0.00	37.77 1.39 0.00	34.69 1.48 0.00	48.20 2.08 0.00	55.00 2.42 0.00	59.09 2.72 0.00	61.15 3.13 0.00	60.20 3.21 0.00	54.39 3.00 0.00	54.33 2.91 -0.03	41.52 2.21 0.00	41.70 2.31 0.00	41.78 2.44 0.00	37.18 2.15 0.00	42.76 2.42 0.00	44.18 2.48 -0.06	41.90 2.27 -1.85	38.76 1.95 -1.47	42.31 1.93 0.00
EAST_HAMPTON___DIESEL 23722	50.38 4.17 0.00	48.33 3.70 0.00	40.77 3.11 0.00	39.96 3.00 0.00	42.27 3.23 0.00	39.75 2.35 0.00	37.79 1.42 0.00	34.81 1.60 0.00	48.05 1.94 0.00	55.00 2.42 0.00	58.99 2.63 0.00	61.17 3.15 0.00	62.91 3.25 -2.67	70.59 3.11 -16.09	70.81 3.52 -15.89	59.95 2.43 -18.21	52.14 2.42 -10.33	55.29 2.42 -13.53	55.92 2.33 -18.56	42.94 2.61 0.00	44.25 2.55 -0.06	44.21 2.51 -3.91	38.84 2.03 -1.48	42.27 1.89 0.00
EAST_POINT___SOLAR 323840	49.22 3.02 0.00	47.46 2.83 0.00	40.02 2.35 0.00	39.26 2.30 0.00	41.46 2.42 0.00	39.78 2.38 0.00	38.76 2.39 0.00	35.38 2.17 0.00	49.55 3.43 0.00	56.63 4.06 0.00	60.80 4.44 0.00	62.71 4.69 0.00	61.54 4.55 0.00	55.38 3.99 0.00	55.33 3.90 -0.03	42.13 2.81 0.00	42.25 2.86 0.00	42.14 2.80 0.00	37.42 2.39 0.00	42.98 2.64 0.00	44.40 2.68 -0.08	42.74 2.49 -2.46	39.46 2.16 -1.96	42.89 2.50 0.00
EAST_PULASKI___ESR 323781	45.46 -0.74 0.00	43.82 -0.81 0.00	36.95 -0.71 0.00	36.25 -0.71 0.00	38.34 -0.70 0.00	36.82 -0.58 0.00	35.75 -0.62 0.00	32.60 -0.61 0.00	45.31 -0.81 0.00	51.77 -0.80 0.00	55.55 -0.81 0.00	57.11 -0.91 0.00	56.06 -0.93 0.00	50.42 -0.98 0.00	50.32 -1.08 0.00	38.51 -0.81 0.00	38.53 -0.86 0.00	38.43 -0.91 0.00	34.24 -0.79 0.00	39.57 -0.77 0.00	40.81 -0.83 0.00	37.11 -0.80 -0.13	34.70 -0.74 -0.10	39.63 -0.75 0.00
EAST_RIVER___1 323558	48.13 1.92 0.00	46.44 1.81 0.00	39.21 1.54 0.00	38.49 1.53 0.00	40.60 1.56 0.00	38.77 1.37 0.00	37.83 1.46 0.00	34.77 1.55 0.00	48.29 2.17 0.00	55.08 2.50 0.00	59.16 2.80 0.00	61.27 3.25 0.00	60.34 3.35 0.00	54.57 3.18 0.00	54.52 3.09 -0.03	41.70 2.39 0.00	41.89 2.50 0.00	41.97 2.62 0.00	37.31 2.27 0.00	42.97 2.63 0.00	44.40 2.71 -0.06	42.16 2.52 -1.85	38.99 2.18 -1.48	42.55 2.17 0.00
EAST_RIVER___2 323559	48.15 1.94 0.00	46.45 1.82 0.00	39.22 1.56 0.00	38.50 1.54 0.00	40.60 1.56 0.00	38.73 1.33 0.00	37.78 1.41 0.00	34.73 1.52 0.00	48.22 2.11 0.00	55.01 2.44 0.00	59.10 2.73 0.00	61.19 3.17 0.00	60.26 3.28 0.00	54.50 3.10 0.00	54.45 3.03 -0.03	41.68 2.37 0.00	41.86 2.47 0.00	41.94 2.59 0.00	37.26 2.23 0.00	42.99 2.65 0.00	44.44 2.74 -0.06	42.15 2.52 -1.85	38.95 2.13 -1.48	42.52 2.14 0.00
EAST___DELAWARE_HYD 23607	47.88 1.67 0.00	46.14 1.51 0.00	38.93 1.26 0.00	38.24 1.27 0.00	40.35 1.31 0.00	38.64 1.24 0.00	37.80 1.42 0.00	34.71 1.49 0.00	48.38 2.27 0.00	55.27 2.69 0.00	59.39 3.03 0.00	61.45 3.44 0.00	60.43 3.44 0.00	54.54 3.15 0.00	54.43 3.01 -0.02	41.57 2.26 0.00	41.71 2.32 0.00	41.75 2.41 0.00	37.15 2.13 0.00	42.69 2.35 0.00	44.10 2.40 -0.05	41.56 2.15 -1.63	38.46 1.82 -1.30	42.19 1.81 0.00
EIGHT_POINT___WT_PWR 323820	45.49 -0.72 0.00	43.82 -0.81 0.00	36.64 -1.03 0.00	35.80 -1.16 0.00	37.90 -1.14 0.00	36.79 -0.61 0.00	36.23 -0.15 0.00	33.00 -0.22 0.00	46.30 0.18 0.00	52.61 0.03 0.00	56.35 0.00 0.00	57.33 -0.68 0.00	55.19 -1.80 0.00	48.65 -2.74 0.00	47.66 -2.85 0.89	37.14 -2.17 0.00	37.55 -1.84 0.00	37.53 -1.82 0.00	33.87 -1.16 0.00	38.73 -1.61 0.00	40.01 -1.65 -0.01	36.58 -1.55 -0.35	34.41 -1.21 -0.28	39.43 -0.95 0.00
ELBRIDGE_115KV_TB2 80188	45.57 -0.64 0.00	44.00 -0.63 0.00	37.08 -0.58 0.00	36.37 -0.58 0.00	38.43 -0.62 0.00	36.86 -0.54 0.00	35.80 -0.57 0.00	32.62 -0.60 0.00	45.34 -0.78 0.00	51.68 -0.90 0.00	55.44 -0.91 0.00	56.98 -1.04 0.00	55.88 -1.10 0.00	50.30 -1.10 0.00	50.32 -1.08 0.00	38.53 -0.78 0.00	38.62 -0.77 0.00	38.56 -0.79 0.00	34.34 -0.69 0.00	39.48 -0.86 0.00	40.75 -0.90 -0.01	37.14 -0.83 -0.19	34.75 -0.74 -0.15	39.65 -0.74 0.00
ELEC_TRO_TEK 24086	48.18 1.97 0.00	46.40 1.77 0.00	39.17 1.50 0.00	38.44 1.48 0.00	40.63 1.59 0.00	38.83 1.43 0.00	38.00 1.63 0.00	34.98 1.77 0.00	48.54 2.42 0.00	55.40 2.82 0.00	59.47 3.10 -0.01	61.56 3.53 0.00	141.05 3.68 -80.39	85.23 3.45 -30.39	84.31 3.48 -29.43	75.22 2.63 -33.27	61.00 2.70 -18.91	66.77 2.78 -24.65	70.80 2.44 -33.33	43.17 2.83 0.00	44.52 2.82 -0.06	45.95 2.67 -5.49	39.11 2.29 -1.48	42.71 2.33 0.00

ELLENBURG_WT_PWR 323604	47.61 1.41 0.00	46.37 1.74 0.00	39.06 1.40 0.00	38.54 1.58 0.00	40.60 1.56 0.00	38.85 1.45 0.00	37.99 1.61 0.00	34.29 1.08 0.00	48.17 2.05 0.00	54.69 2.12 0.00	57.72 1.36 0.00	58.70 0.68 0.00	57.37 0.38 0.00	51.49 0.10 0.00	51.96 0.56 0.00	39.69 0.38 0.00	39.99 0.60 0.00	39.98 0.63 0.00	35.24 0.21 0.00	40.57 0.23 0.00	41.84 0.20 0.00	38.01 0.22 0.00	35.54 0.20 0.00	41.36 0.98 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	44.60 -1.61 0.00	42.90 -1.72 0.00	36.07 -1.60 0.00	35.48 -1.48 0.00	37.41 -1.63 0.00	36.24 -1.16 0.00	35.24 -1.13 0.00	31.64 -1.58 0.00	44.24 -1.87 0.00	50.01 -2.57 0.00	53.33 -3.03 0.00	53.89 -4.13 0.00	52.63 -4.36 0.00	47.32 -4.07 0.00	47.15 -3.88 0.37	36.74 -2.57 0.00	36.87 -2.52 0.00	36.61 -2.74 0.00	32.50 -2.53 0.00	37.21 -3.13 0.00	38.43 -3.21 -0.01	35.09 -2.96 -0.27	33.24 -2.31 -0.21	38.58 -1.81 0.00
EMPIRE_CC_1 323656	47.30 1.09 0.00	45.78 1.15 0.00	38.75 1.08 0.00	38.01 1.05 0.00	40.18 1.13 0.00	38.44 1.04 0.00	37.39 1.02 0.00	34.14 0.93 0.00	47.25 1.14 0.00	53.89 1.32 0.00	57.71 1.35 0.00	59.43 1.41 0.00	58.49 1.51 0.00	52.91 1.52 0.00	52.93 1.50 -0.03	40.47 1.16 0.00	40.40 1.01 0.00	40.36 1.02 0.00	35.96 0.93 0.00	41.51 1.18 0.00	42.95 1.24 -0.07	41.16 1.24 -2.13	38.22 1.19 -1.70	41.55 1.17 0.00
EMPIRE_CC_2 323658	47.30 1.09 0.00	45.78 1.15 0.00	38.75 1.08 0.00	38.01 1.05 0.00	40.18 1.13 0.00	38.44 1.04 0.00	37.39 1.02 0.00	34.14 0.93 0.00	47.25 1.14 0.00	53.89 1.32 0.00	57.71 1.35 0.00	59.43 1.41 0.00	58.49 1.51 0.00	52.91 1.52 0.00	52.93 1.50 -0.03	40.47 1.16 0.00	40.40 1.01 0.00	40.36 1.02 0.00	35.96 0.93 0.00	41.51 1.18 0.00	42.95 1.24 -0.07	41.16 1.24 -2.13	38.22 1.19 -1.70	41.55 1.17 0.00
ENORWICH_115KV_TB1 80156	49.16 2.96 0.00	47.29 2.66 0.00	39.70 2.03 0.00	38.83 1.87 0.00	40.89 1.84 0.00	39.00 1.60 0.00	38.18 1.81 0.00	34.93 1.71 0.00	49.12 3.00 0.00	56.38 3.81 0.00	61.14 4.78 0.00	63.43 5.41 0.00	61.89 4.90 0.00	55.31 3.92 0.00	55.80 3.83 -0.57	41.89 2.57 0.00	41.83 2.44 0.00	41.53 2.19 0.00	36.79 1.76 0.00	42.26 1.93 0.00	43.98 2.33 -0.02	40.50 2.17 -0.54	37.73 1.96 -0.43	42.37 1.99 0.00
ERIE_ST_34_KV_TB1-2 80199	45.61 -0.59 0.00	43.86 -0.77 0.00	36.86 -0.81 0.00	36.25 -0.71 0.00	38.24 -0.81 0.00	37.01 -0.39 0.00	36.01 -0.37 0.00	32.33 -0.88 0.00	45.21 -0.91 0.00	51.13 -1.44 0.00	54.63 -1.73 0.00	55.29 -2.73 0.00	54.04 -2.95 0.00	48.61 -2.78 0.00	48.49 -2.52 0.38	37.75 -1.56 0.00	37.89 -1.50 0.00	37.61 -1.73 0.00	33.42 -1.61 0.00	38.29 -2.04 0.00	39.55 -2.10 -0.01	36.09 -1.97 -0.28	34.12 -1.44 -0.22	39.53 -0.85 0.00
ERIE_WT_PWR 323693	44.29 -1.24 0.67	43.27 -1.36 0.00	36.36 -1.31 0.00	35.76 -1.20 0.01	37.68 -1.32 0.04	35.28 -0.83 1.28	35.52 -0.86 0.00	31.66 -1.29 0.26	44.62 -1.50 0.00	50.45 -2.12 0.00	53.59 -2.51 0.26	54.49 -3.53 0.00	53.15 -3.84 0.00	47.79 -3.61 0.00	47.48 -3.46 0.45	37.09 -2.22 0.00	37.17 -2.22 0.00	36.90 -2.45 0.00	32.75 -2.28 0.00	37.48 -2.86 0.00	38.72 -2.93 -0.01	35.37 -2.69 -0.27	33.12 -2.07 0.15	38.63 -1.54 0.21
ESPRGFLD_115KV_TB1 80157	47.99 1.78 0.00	46.26 1.63 0.00	39.00 1.34 0.00	38.25 1.29 0.00	40.35 1.30 0.00	38.69 1.29 0.00	37.71 1.33 0.00	34.35 1.13 0.00	48.09 1.97 0.00	54.92 2.35 0.00	58.97 2.61 0.00	60.92 2.91 0.00	59.74 2.75 0.00	53.71 2.32 0.00	53.68 2.28 0.00	40.90 1.58 0.00	41.03 1.64 0.00	40.92 1.57 0.00	36.33 1.30 0.00	41.67 1.33 0.00	43.00 1.36 0.00	39.12 1.33 0.00	36.48 1.14 0.00	41.76 1.38 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	46.72 0.51 0.00	45.09 0.47 0.00	37.96 0.29 0.00	37.21 0.25 0.00	39.31 0.27 0.00	37.71 0.31 0.00	36.76 0.38 0.00	33.53 0.32 0.00	46.76 0.64 0.00	53.37 0.80 0.00	57.35 0.99 0.00	59.00 0.99 0.00	57.79 0.80 0.00	51.88 0.49 0.00	53.17 0.51 -1.27	39.70 0.39 0.00	39.81 0.42 0.00	39.73 0.39 0.00	35.37 0.34 0.00	40.64 0.30 0.00	42.00 0.34 -0.01	38.43 0.26 -0.39	35.87 0.22 -0.31	40.67 0.29 0.00
ETNA____115KV_TB2 80207	46.72 0.51 0.00	45.09 0.47 0.00	37.96 0.29 0.00	37.21 0.25 0.00	39.31 0.27 0.00	37.71 0.31 0.00	36.76 0.38 0.00	33.53 0.32 0.00	46.76 0.64 0.00	53.37 0.80 0.00	57.35 0.99 0.00	59.00 0.99 0.00	57.79 0.80 0.00	51.88 0.49 0.00	53.17 0.51 -1.27	39.70 0.39 0.00	39.81 0.42 0.00	39.73 0.39 0.00	35.37 0.34 0.00	40.64 0.30 0.00	42.00 0.34 -0.01	38.43 0.26 -0.39	35.87 0.22 -0.31	40.67 0.29 0.00
EUCLID____115KV_TB2 356179	45.37 -0.84 0.00	43.79 -0.84 0.00	36.93 -0.74 0.00	36.22 -0.74 0.00	38.27 -0.78 0.00	36.70 -0.70 0.00	35.63 -0.74 0.00	32.45 -0.76 0.00	45.09 -1.03 0.00	51.39 -1.19 0.00	55.11 -1.25 0.00	56.64 -1.38 0.00	55.58 -1.41 0.00	50.07 -1.32 0.00	50.07 -1.32 0.00	38.35 -0.96 0.00	38.43 -0.96 0.00	38.35 -0.99 0.00	34.14 -0.89 0.00	39.28 -1.06 0.00	40.55 -1.09 0.00	36.91 -1.02 -0.15	34.55 -0.90 -0.12	39.47 -0.91 0.00
E_CANADA_CAP_HY 24051	48.56 2.35 0.00	46.85 2.22 0.00	39.51 1.84 0.00	38.77 1.81 0.00	40.93 1.88 0.00	39.27 1.87 0.00	38.19 1.81 0.00	34.70 1.49 0.00	48.54 2.42 0.00	55.41 2.83 0.00	59.41 3.05 0.00	61.39 3.37 0.00	60.27 3.28 0.00	54.29 2.90 0.00	54.30 2.87 -0.04	41.30 1.99 0.00	41.41 2.02 0.00	41.28 1.94 0.00	36.64 1.61 0.00	42.05 1.71 0.00	43.46 1.74 -0.08	42.06 1.72 -2.56	38.85 1.48 -2.04	42.21 1.83 0.00
E_CANADA_MHWK_HY 24050	46.93 0.72 0.00	45.40 0.77 0.00	38.31 0.64 0.00	37.55 0.59 0.00	39.63 0.58 0.00	37.74 0.34 0.00	36.68 0.30 0.00	33.64 0.42 0.00	46.74 0.63 0.00	53.35 0.78 0.00	57.46 1.10 0.00	59.45 1.43 0.00	58.56 1.57 0.00	53.00 1.61 0.00	53.05 1.65 0.00	40.33 1.02 0.00	40.17 0.78 0.00	40.03 0.69 0.00	35.60 0.57 0.00	41.11 0.77 0.00	42.41 0.77 0.00	38.56 0.77 0.00	36.03 0.69 0.00	40.79 0.41 0.00
E_FISHKILL____LBMP 23776	47.68 1.48 0.00	45.99 1.36 0.00	38.84 1.17 0.00	38.13 1.17 0.00	40.25 1.21 0.00	38.50 1.10 0.00	37.60 1.23 0.00	34.53 1.31 0.00	47.97 1.85 0.00	54.74 2.16 0.00	58.79 2.43 0.00	60.81 2.79 0.00	59.85 2.86 0.00	54.08 2.69 0.00	54.00 2.57 -0.03	41.27 1.96 0.00	41.40 2.01 0.00	41.46 2.11 0.00	36.89 1.86 0.00	42.45 2.11 0.00	43.87 2.17 -0.06	41.64 1.97 -1.88	38.54 1.71 -1.50	42.06 1.68 0.00
FALCON____SEABRD_CC1 323796	48.20 2.00 0.00	46.91 2.28 0.00	39.57 1.90 0.00	39.04 2.08 0.00	41.11 2.07 0.00	39.33 1.93 0.00	38.50 2.12 0.00	34.73 1.52 0.00	48.82 2.70 0.00	55.40 2.82 0.00	58.46 2.09 0.00	59.55 1.54 0.00	58.14 1.15 0.00	52.16 0.77 0.00	52.70 1.30 0.00	40.24 0.92 0.00	40.49 1.10 0.00	40.51 1.17 0.00	35.72 0.68 0.00	41.15 0.81 0.00	42.41 0.77 0.00	38.53 0.74 0.00	35.96 0.62 0.00	41.78 1.40 0.00

FALCON___SEABRD_CC2 323797	48.20 2.00 0.00	46.91 2.28 0.00	39.57 1.90 0.00	39.04 2.08 0.00	41.11 2.07 0.00	39.33 1.93 0.00	38.50 2.12 0.00	34.73 1.52 0.00	48.82 2.70 0.00	55.40 2.82 0.00	58.46 2.09 0.00	59.55 1.54 0.00	58.14 1.15 0.00	52.16 0.77 0.00	52.70 1.30 0.00	40.24 0.92 0.00	40.49 1.10 0.00	40.51 1.17 0.00	35.72 0.68 0.00	41.15 0.81 0.00	42.41 0.77 0.00	38.53 0.74 0.00	35.96 0.62 0.00	41.78 1.40 0.00
FAR ROCKAWAY___4 23548	48.66 2.45 0.00	46.85 2.22 0.00	39.53 1.86 0.00	38.77 1.82 0.00	40.99 1.95 0.00	39.18 1.78 0.00	38.36 1.98 0.00	35.33 2.12 0.00	49.07 2.95 0.00	56.04 3.46 0.00	60.17 3.80 0.00	62.29 4.27 0.00	190.22 4.39 -128.84	84.74 4.10 -29.25	83.49 4.13 -27.96	73.68 3.10 -31.27	60.38 3.18 -17.80	65.70 3.25 -23.11	68.80 2.86 -30.91	43.66 3.32 0.00	45.05 3.35 -0.06	46.11 3.13 -5.19	39.53 2.72 -1.48	43.20 2.82 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	48.15 1.94 0.00	46.45 1.82 0.00	39.22 1.55 0.00	38.50 1.54 0.00	40.62 1.57 0.00	38.80 1.40 0.00	37.87 1.50 0.00	34.80 1.59 0.00	48.33 2.21 0.00	55.12 2.55 0.00	59.22 2.86 0.00	61.32 3.31 0.00	60.40 3.42 0.00	54.61 3.22 0.00	54.55 3.13 -0.03	41.73 2.42 0.00	41.92 2.53 0.00	41.99 2.65 0.00	37.33 2.30 0.00	42.97 2.63 0.00	44.40 2.70 -0.06	42.15 2.51 -1.85	39.00 2.18 -1.48	42.55 2.17 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	48.15 1.94 0.00	46.45 1.82 0.00	39.22 1.55 0.00	38.49 1.53 0.00	40.62 1.57 0.00	38.79 1.39 0.00	37.86 1.49 0.00	34.79 1.58 0.00	48.32 2.21 0.00	55.12 2.54 0.00	59.20 2.84 0.00	61.32 3.30 0.00	60.40 3.41 0.00	54.61 3.22 0.00	54.55 3.13 -0.03	41.73 2.42 0.00	41.91 2.52 0.00	41.98 2.64 0.00	37.33 2.30 0.00	42.97 2.63 0.00	44.40 2.70 -0.06	42.14 2.51 -1.85	38.99 2.18 -1.48	42.55 2.17 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	48.14 1.94 0.00	46.43 1.80 0.00	39.19 1.52 0.00	38.48 1.52 0.00	40.60 1.56 0.00	38.78 1.38 0.00	37.85 1.48 0.00	34.78 1.56 0.00	48.32 2.20 0.00	55.10 2.52 0.00	59.18 2.82 0.00	61.30 3.28 0.00	60.36 3.37 0.00	54.59 3.19 0.00	54.53 3.11 0.00	41.71 2.40 0.00	41.90 2.50 0.00	41.98 2.63 0.00	37.31 2.28 0.00	42.95 2.61 0.00	44.39 2.69 -0.06	42.13 2.49 -1.85	38.97 2.16 -1.48	42.54 2.16 0.00
FARRAGUT___LBMP 323566	48.10 1.89 0.00	46.40 1.78 0.00	39.18 1.51 0.00	38.46 1.50 0.00	40.58 1.53 0.00	38.76 1.36 0.00	37.83 1.45 0.00	34.76 1.55 0.00	48.27 2.16 0.00	55.06 2.49 0.00	59.15 2.79 0.00	61.25 3.23 0.00	60.33 3.34 0.00	54.55 3.16 0.00	54.50 3.08 -0.03	41.69 2.38 0.00	41.87 2.48 0.00	41.94 2.60 0.00	37.29 2.26 0.00	42.92 2.59 0.00	44.36 2.66 -0.06	42.11 2.47 -1.85	38.96 2.14 -1.48	42.51 2.13 0.00
FENNER___WINDPWR 24204	46.68 0.47 0.00	45.15 0.52 0.00	38.18 0.51 0.00	37.46 0.50 0.00	39.60 0.55 0.00	37.97 0.57 0.00	36.98 0.60 0.00	33.76 0.55 0.00	47.03 0.91 0.00	53.69 1.12 0.00	57.66 1.30 0.00	59.36 1.34 0.00	58.21 1.23 0.00	52.38 0.99 0.00	52.57 0.92 -0.24	39.99 0.68 0.00	40.03 0.63 0.00	39.84 0.50 0.00	35.45 0.42 0.00	40.85 0.52 0.00	42.20 0.55 -0.01	38.41 0.41 -0.21	35.85 0.34 -0.17	40.82 0.43 0.00
FIBERTEK___ENERGY 23856	45.80 -0.41 0.00	44.22 -0.40 0.00	37.28 -0.39 0.00	36.56 -0.40 0.00	38.64 -0.40 0.00	37.06 -0.35 0.00	36.00 -0.38 0.00	32.80 -0.41 0.00	45.60 -0.52 0.00	51.99 -0.58 0.00	55.77 -0.59 0.00	57.33 -0.69 0.00	56.25 -0.74 0.00	50.64 -0.76 0.00	50.64 -0.75 0.00	38.77 -0.54 0.00	38.86 -0.53 0.00	38.79 -0.55 0.00	34.54 -0.49 0.00	39.71 -0.62 0.00	41.00 -0.65 -0.01	37.33 -0.62 -0.18	34.93 -0.55 -0.14	39.87 -0.51 0.00
FITZPATRICK____ 23598	44.83 -1.38 0.00	43.29 -1.34 0.00	36.50 -1.17 0.00	35.82 -1.15 0.00	37.83 -1.21 0.00	36.26 -1.14 0.00	35.16 -1.21 0.00	32.02 -1.19 0.00	44.45 -1.67 0.00	50.64 -1.93 0.00	54.28 -2.08 0.00	55.80 -2.22 0.00	54.76 -2.23 0.00	49.35 -2.04 0.00	49.37 -2.03 0.00	37.80 -1.52 0.00	37.87 -1.52 0.00	37.81 -1.54 0.00	33.67 -1.36 0.00	38.72 -1.61 0.00	39.98 -1.67 0.00	36.37 -1.52 -0.10	34.06 -1.36 -0.08	38.97 -1.41 0.00
FLOWRFLD_69_KV_BK1 356044	48.80 2.60 0.00	46.89 2.26 0.00	39.59 1.92 0.00	38.82 1.86 0.00	41.15 2.11 0.00	39.27 1.87 0.00	38.48 2.11 0.00	35.46 2.25 0.00	49.18 3.06 0.00	56.26 3.68 0.00	60.46 4.10 0.00	62.57 4.55 0.00	64.81 4.70 -3.12	71.94 4.37 -16.18	71.96 4.59 -15.97	60.94 3.33 -18.30	53.08 3.31 -10.38	56.32 3.37 -13.60	56.73 3.04 -18.65	43.78 3.44 0.00	45.08 3.38 -0.06	44.98 3.27 -3.92	39.60 2.78 -1.48	43.23 2.85 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	48.30 2.09 0.00	46.56 1.93 0.00	39.30 1.63 0.00	38.58 1.62 0.00	40.73 1.68 0.00	38.97 1.57 0.00	38.10 1.72 0.00	34.99 1.78 0.00	48.70 2.58 0.00	55.62 3.05 0.00	59.78 3.42 0.00	61.87 3.85 0.00	60.89 3.90 0.00	54.96 3.57 0.00	54.87 3.45 -0.03	41.91 2.59 0.00	42.05 2.66 0.00	42.09 2.75 0.00	37.44 2.41 0.00	43.06 2.73 0.00	44.50 2.81 -0.06	42.17 2.53 -1.86	39.02 2.20 -1.48	42.60 2.22 0.00
FORT ORANGE____ 23900	47.68 1.48 0.00	46.06 1.44 0.00	38.95 1.28 0.00	38.21 1.25 0.00	40.38 1.33 0.00	38.64 1.24 0.00	37.48 1.10 0.00	34.30 1.08 0.00	47.31 1.19 0.00	53.99 1.42 0.00	57.92 1.56 0.00	59.67 1.65 0.00	58.69 1.70 0.00	53.01 1.62 0.00	53.01 1.58 -0.03	40.52 1.20 0.00	40.49 1.10 0.00	40.45 1.11 0.00	36.09 1.06 0.00	41.80 1.46 0.00	43.21 1.49 -0.07	41.40 1.43 -2.19	38.54 1.46 -1.74	41.84 1.46 0.00
FORT_DRUM_COGEN 23780	46.22 0.01 0.00	44.36 -0.27 0.00	37.41 -0.25 0.00	36.73 -0.23 0.00	38.92 -0.12 0.00	37.54 0.14 0.00	36.66 0.28 0.00	33.44 0.22 0.00	46.57 0.45 0.00	53.29 0.72 0.00	57.26 0.90 0.00	58.85 0.84 0.00	57.76 0.77 0.00	51.73 0.34 0.00	51.47 0.07 0.00	39.32 0.00 0.00	39.39 0.00 0.00	39.25 -0.09 0.00	34.95 -0.08 0.00	40.57 0.23 0.00	41.90 0.26 0.00	38.00 0.12 -0.09	35.44 0.03 -0.07	40.47 0.09 0.00
FOX_HILLS___ESR 323835	47.96 1.76 0.00	46.28 1.65 0.00	39.08 1.41 0.00	38.39 1.43 0.00	40.48 1.44 0.00	38.67 1.27 0.00	37.75 1.38 0.00	34.69 1.48 0.00	48.19 2.08 0.00	54.94 2.36 0.00	59.01 2.65 0.00	61.17 3.16 0.00	60.24 3.25 0.00	54.52 3.13 0.00	54.46 3.04 -0.03	41.62 2.31 0.00	41.84 2.45 0.00	41.94 2.59 0.00	37.30 2.27 0.00	42.92 2.58 0.00	44.34 2.64 -0.06	42.09 2.45 -1.85	38.90 2.08 -1.48	42.42 2.04 0.00
FPL FAR_ROCK_GT1 24212	48.65 2.44 0.00	46.84 2.21 0.00	39.54 1.87 0.00	38.79 1.83 0.00	40.98 1.94 0.00	39.19 1.79 0.00	38.37 1.99 0.00	35.33 2.12 0.00	49.07 2.96 0.00	56.04 3.46 0.00	60.16 3.80 0.00	62.29 4.27 0.00	190.18 4.35 -128.84	84.74 4.11 -29.25	83.48 4.12 -27.96	73.68 3.09 -31.27	60.38 3.18 -17.80	65.70 3.25 -23.11	68.79 2.85 -30.91	43.66 3.32 0.00	45.05 3.35 -0.06	46.10 3.13 -5.19	39.53 2.72 -1.48	43.20 2.82 0.00

FPL FAR_ROCK_GT2 23815	48.65 2.44 0.00	46.84 2.21 0.00	39.54 1.87 0.00	38.79 1.83 0.00	40.98 1.94 0.00	39.19 1.79 0.00	38.37 1.99 0.00	35.33 2.12 0.00	49.07 2.96 0.00	56.04 3.46 0.00	60.16 3.80 0.00	62.29 4.27 0.00	190.18 4.35 -128.84	84.74 4.11 -29.25	83.48 4.12 -27.96	73.68 3.09 -31.27	60.38 3.18 -17.80	65.70 3.25 -23.11	68.79 2.85 -30.91	43.66 3.32 0.00	45.05 3.35 -0.06	46.10 3.13 -5.19	39.53 2.72 -1.48	43.20 2.82 0.00
FRANKLIN_FALL_HYD 24054	48.06 1.86 0.00	46.75 2.12 0.00	39.34 1.67 0.00	38.76 1.80 0.00	40.84 1.80 0.00	39.13 1.73 0.00	38.29 1.91 0.00	34.62 1.41 0.00	48.63 2.52 0.00	55.27 2.70 0.00	58.36 2.00 0.00	59.31 1.29 0.00	58.00 1.01 0.00	51.96 0.56 0.00	52.43 1.03 0.00	40.06 0.75 0.00	40.41 1.02 0.00	40.35 1.01 0.00	35.56 0.53 0.00	40.92 0.58 0.00	42.26 0.61 0.00	38.38 0.57 -0.03	35.90 0.54 -0.02	41.74 1.36 0.00
FREEPORT_EQUUS_GT1 23764	48.43 2.22 0.00	46.62 1.99 0.00	39.35 1.68 0.00	38.60 1.64 0.00	40.82 1.78 0.00	39.01 1.61 0.00	38.20 1.83 0.00	35.20 1.99 0.00	48.83 2.72 0.00	55.72 3.14 0.00	59.68 3.31 0.00	61.78 3.76 0.00	121.96 3.86 -61.11	77.99 3.50 -23.10	77.36 3.58 -22.38	67.52 2.91 -25.30	56.74 2.97 -14.38	61.12 3.04 -18.74	63.04 2.67 -25.34	43.42 3.08 0.00	44.77 3.07 -0.06	45.31 2.91 -4.62	39.34 2.52 -1.48	42.97 2.59 0.00
FREEPORT___CT2 23818	48.43 2.22 0.00	46.62 1.99 0.00	39.35 1.68 0.00	38.60 1.64 0.00	40.82 1.78 0.00	39.01 1.61 0.00	38.20 1.83 0.00	35.20 1.99 0.00	48.83 2.72 0.00	55.72 3.14 0.00	59.68 3.31 0.00	61.78 3.76 0.00	121.96 3.86 -61.11	77.99 3.50 -23.10	77.36 3.58 -22.38	67.52 2.91 -25.30	56.74 2.97 -14.38	61.12 3.04 -18.74	63.04 2.67 -25.34	43.42 3.08 0.00	44.77 3.07 -0.06	45.31 2.91 -4.62	39.34 2.52 -1.48	42.97 2.59 0.00
FRESHKLS_33_KV_LOAD 356253	47.90 1.69 0.00	46.23 1.60 0.00	39.04 1.37 0.00	38.35 1.39 0.00	40.43 1.39 0.00	38.62 1.23 0.00	37.71 1.33 0.00	34.64 1.43 0.00	48.12 2.00 0.00	54.84 2.27 0.00	58.89 2.53 0.00	61.05 3.03 0.00	60.11 3.12 0.00	54.42 3.03 0.00	54.36 2.94 -0.03	41.54 2.22 0.00	41.76 2.37 0.00	41.88 2.54 0.00	37.25 2.22 0.00	42.86 2.52 0.00	44.29 2.59 -0.06	42.03 2.39 -1.85	38.84 2.03 -1.48	42.35 1.97 0.00
FULTON COGEN____ 23766	45.11 -1.10 0.00	43.52 -1.10 0.00	36.70 -0.97 0.00	36.01 -0.95 0.00	38.04 -1.01 0.00	36.48 -0.92 0.00	35.40 -0.98 0.00	32.26 -0.96 0.00	44.81 -1.31 0.00	51.09 -1.49 0.00	54.78 -1.58 0.00	56.33 -1.69 0.00	55.27 -1.72 0.00	49.80 -1.59 0.00	49.77 -1.63 0.00	38.09 -1.22 0.00	38.18 -1.22 0.00	38.13 -1.22 0.00	33.95 -1.08 0.00	39.06 -1.28 0.00	40.31 -1.34 0.00	36.69 -1.23 -0.14	34.34 -1.11 -0.11	39.23 -1.15 0.00
FULTON___LFGE 323630	48.74 2.53 0.00	47.02 2.39 0.00	39.65 1.98 0.00	38.90 1.94 0.00	41.09 2.04 0.00	39.40 2.00 0.00	38.40 2.02 0.00	35.06 1.85 0.00	48.99 2.88 0.00	55.98 3.40 0.00	60.08 3.72 0.00	62.00 3.98 0.00	60.89 3.90 0.00	54.82 3.43 0.00	54.81 3.38 -0.03	41.76 2.45 0.00	41.82 2.43 0.00	41.73 2.38 0.00	37.07 2.04 0.00	42.60 2.26 0.00	44.03 2.31 -0.08	42.36 2.14 -2.44	39.15 1.87 -1.95	42.52 2.14 0.00
G.F.CEMENT___DRP 24184	49.09 2.88 0.00	47.44 2.81 0.00	40.15 2.48 0.00	39.42 2.46 0.00	41.70 2.66 0.00	39.97 2.57 0.00	39.12 2.74 0.00	35.78 2.57 0.00	49.78 3.67 0.00	56.77 4.20 0.00	60.90 4.54 0.00	62.68 4.66 0.00	61.61 4.62 0.00	55.55 4.16 0.00	55.58 4.15 -0.03	42.38 3.07 0.00	42.31 2.91 0.00	42.26 2.91 0.00	37.67 2.64 0.00	43.48 3.15 0.00	45.06 3.34 -0.07	42.94 2.89 -2.26	39.65 2.51 -1.81	43.03 2.65 0.00
GARDENVILLE___LBMP 24039	44.82 -1.39 0.00	43.12 -1.51 0.00	36.24 -1.43 0.00	35.65 -1.31 0.00	37.59 -1.46 0.00	36.41 -0.99 0.00	35.41 -0.96 0.00	31.80 -1.41 0.00	44.47 -1.65 0.00	50.27 -2.30 0.00	53.64 -2.72 0.00	54.22 -3.80 0.00	52.93 -4.06 0.00	47.59 -3.81 0.00	47.39 -3.62 0.38	36.94 -2.38 0.00	37.05 -2.34 0.00	36.79 -2.55 0.00	32.65 -2.38 0.00	37.39 -2.95 0.00	38.62 -3.03 -0.01	35.26 -2.80 -0.27	33.39 -2.17 -0.22	38.74 -1.64 0.00
GARDNVLA_35_KV_LD 355827	45.01 -1.19 0.00	43.31 -1.32 0.00	36.41 -1.26 0.00	35.82 -1.15 0.00	37.75 -1.29 0.00	36.57 -0.83 0.00	35.58 -0.79 0.00	31.94 -1.27 0.00	44.67 -1.45 0.00	50.52 -2.06 0.00	53.90 -2.46 0.00	54.50 -3.52 0.00	53.19 -3.80 0.00	47.83 -3.56 0.00	47.64 -3.38 0.38	37.13 -2.18 0.00	37.24 -2.15 0.00	36.96 -2.38 0.00	32.80 -2.23 0.00	37.57 -2.77 0.00	38.80 -2.85 -0.01	35.43 -2.63 -0.27	33.56 -1.99 -0.22	38.92 -1.46 0.00
GELCKHM___115KV_LOAD 80723	45.53 -0.68 0.00	43.96 -0.67 0.00	37.06 -0.61 0.00	36.35 -0.61 0.00	38.42 -0.63 0.00	36.83 -0.57 0.00	35.77 -0.61 0.00	32.59 -0.63 0.00	45.28 -0.84 0.00	51.63 -0.95 0.00	55.37 -0.99 0.00	56.91 -1.10 0.00	55.85 -1.14 0.00	50.29 -1.11 0.00	50.30 -1.10 0.00	38.52 -0.79 0.00	38.60 -0.79 0.00	38.52 -0.82 0.00	34.30 -0.73 0.00	39.45 -0.89 0.00	40.73 -0.92 0.00	37.08 -0.86 -0.16	34.70 -0.77 -0.12	39.63 -0.76 0.00
GENERAL___MILLS 23808	44.96 -1.25 0.00	43.26 -1.37 0.00	36.36 -1.31 0.00	35.77 -1.19 0.00	37.71 -1.33 0.00	36.53 -0.87 0.00	35.53 -0.85 0.00	31.90 -1.31 0.00	44.61 -1.50 0.00	50.44 -2.14 0.00	53.82 -2.54 0.00	54.41 -3.61 0.00	53.11 -3.88 0.00	47.76 -3.63 0.00	47.57 -3.45 0.38	37.08 -2.23 0.00	37.19 -2.20 0.00	36.92 -2.43 0.00	32.76 -2.27 0.00	37.52 -2.81 0.00	38.75 -2.90 -0.01	35.38 -2.68 -0.27	33.51 -2.04 -0.22	38.87 -1.51 0.00
GE_PLASTICS___DRP 24183	47.32 1.11 0.00	45.71 1.08 0.00	38.64 0.97 0.00	37.91 0.95 0.00	40.06 1.01 0.00	38.33 0.93 0.00	37.23 0.86 0.00	34.07 0.85 0.00	47.08 0.96 0.00	53.69 1.12 0.00	57.57 1.21 0.00	59.33 1.32 0.00	58.34 1.35 0.00	52.69 1.30 0.00	52.71 1.28 -0.03	40.29 0.98 0.00	40.30 0.91 0.00	40.26 0.92 0.00	35.91 0.88 0.00	41.51 1.17 0.00	42.91 1.20 -0.07	41.12 1.15 -2.19	38.22 1.14 -1.74	41.51 1.13 0.00
GILBOA___1 23756	47.05 0.84 0.00	45.43 0.80 0.00	38.38 0.71 0.00	37.65 0.69 0.00	39.76 0.72 0.00	38.07 0.67 0.00	37.09 0.71 0.00	33.94 0.73 0.00	47.13 1.02 0.00	53.76 1.19 0.00	57.60 1.24 0.00	59.37 1.35 0.00	58.36 1.37 0.00	52.68 1.29 0.00	52.74 1.31 -0.02	40.27 0.96 0.00	40.40 1.01 0.00	40.38 1.04 0.00	35.98 0.95 0.00	41.43 1.09 0.00	42.82 1.12 -0.06	40.54 1.02 -1.73	37.63 0.91 -1.38	41.27 0.89 0.00
GILBOA___2 23757	47.05 0.84 0.00	45.43 0.80 0.00	38.38 0.71 0.00	37.65 0.69 0.00	39.76 0.72 0.00	38.07 0.67 0.00	37.09 0.71 0.00	33.94 0.73 0.00	47.13 1.02 0.00	53.76 1.19 0.00	57.60 1.24 0.00	59.37 1.35 0.00	58.36 1.37 0.00	52.68 1.29 0.00	52.74 1.31 -0.02	40.27 0.96 0.00	40.40 1.01 0.00	40.38 1.04 0.00	35.98 0.95 0.00	41.43 1.09 0.00	42.82 1.12 -0.06	40.54 1.02 -1.73	37.63 0.91 -1.38	41.27 0.89 0.00

GILBOA___3 23758	47.05 0.84 0.00	45.43 0.80 0.00	38.38 0.71 0.00	37.65 0.69 0.00	39.76 0.72 0.00	38.07 0.67 0.00	37.09 0.71 0.00	33.94 0.73 0.00	47.13 1.02 0.00	53.76 1.19 0.00	57.60 1.24 0.00	59.37 1.35 0.00	58.36 1.37 0.00	52.68 1.29 0.00	52.74 1.31 -0.02	40.27 0.96 0.00	40.40 1.01 0.00	40.38 1.04 0.00	35.98 0.95 0.00	41.43 1.09 0.00	42.82 1.12 -0.06	40.54 1.02 -1.73	37.63 0.91 -1.38	41.27 0.89 0.00
GILBOA___4 23759	47.05 0.84 0.00	45.43 0.80 0.00	38.38 0.71 0.00	37.65 0.69 0.00	39.76 0.72 0.00	38.07 0.67 0.00	37.09 0.71 0.00	33.94 0.73 0.00	47.13 1.02 0.00	53.76 1.19 0.00	57.60 1.24 0.00	59.37 1.35 0.00	58.36 1.37 0.00	52.68 1.29 0.00	52.74 1.31 -0.02	40.27 0.96 0.00	40.40 1.01 0.00	40.38 1.04 0.00	35.98 0.95 0.00	41.43 1.09 0.00	42.82 1.12 -0.06	40.54 1.02 -1.73	37.63 0.91 -1.38	41.27 0.89 0.00
GILBOA___ 23599	47.05 0.84 0.00	45.43 0.80 0.00	38.38 0.71 0.00	37.65 0.69 0.00	39.76 0.72 0.00	38.06 0.67 0.00	37.09 0.71 0.00	33.95 0.73 0.00	47.14 1.02 0.00	53.76 1.19 0.00	57.60 1.24 0.00	59.38 1.36 0.00	58.36 1.37 0.00	52.68 1.29 0.00	52.74 1.32 -0.02	40.27 0.96 0.00	40.40 1.01 0.00	40.38 1.04 0.00	35.98 0.95 0.00	41.43 1.09 0.00	42.82 1.12 -0.06	40.54 1.02 -1.73	37.63 0.91 -1.38	41.27 0.89 0.00
GINNA___ 23603	42.94 -3.02 0.25	41.58 -3.05 0.00	35.01 -2.66 0.00	34.37 -2.59 0.00	36.32 -2.71 0.01	34.52 -2.41 0.48	34.04 -2.34 0.00	30.74 -2.37 0.10	43.00 -3.11 0.00	48.90 -3.68 0.00	52.23 -4.03 0.09	53.41 -4.60 0.00	52.33 -4.66 0.00	47.08 -4.31 0.00	46.95 -4.22 0.22	36.26 -3.06 0.00	36.37 -3.02 0.00	36.20 -3.14 0.00	32.18 -2.85 0.00	36.94 -3.39 0.00	38.14 -3.51 -0.01	34.77 -3.22 -0.20	32.51 -2.85 -0.02	37.44 -2.86 0.08
GLEN PARK___ 23778	46.27 0.06 0.00	44.41 -0.22 0.00	37.44 -0.22 0.00	36.74 -0.22 0.00	38.94 -0.10 0.00	37.56 0.16 0.00	36.68 0.30 0.00	33.47 0.26 0.00	46.62 0.51 0.00	53.37 0.80 0.00	57.36 1.00 0.00	58.97 0.95 0.00	57.87 0.88 0.00	51.83 0.44 0.00	51.52 0.12 0.00	39.38 0.07 0.00	39.46 0.07 0.00	39.34 0.00 0.00	35.02 -0.01 0.00	40.64 0.31 0.00	41.97 0.33 0.00	38.05 0.17 -0.09	35.49 0.08 -0.07	40.52 0.13 0.00
GLENDALE_27_KV_LOAD 356172	48.30 2.09 0.00	46.58 1.95 0.00	39.33 1.66 0.00	38.62 1.66 0.00	40.73 1.68 0.00	38.91 1.51 0.00	37.98 1.61 0.00	34.92 1.71 0.00	48.51 2.39 0.00	55.31 2.74 0.00	59.45 3.09 0.00	61.58 3.56 0.00	60.63 3.64 0.00	54.84 3.45 0.00	54.78 3.36 -0.03	41.89 2.57 0.00	42.08 2.69 0.00	42.14 2.80 0.00	37.48 2.45 0.00	43.13 2.79 0.00	44.57 2.86 -0.06	42.28 2.65 -1.85	39.12 2.30 -1.48	42.69 2.31 0.00
GLENWOOD_IC_1_G5 23712	48.32 2.11 0.00	46.54 1.91 0.00	39.27 1.60 0.00	38.55 1.60 0.00	40.74 1.70 0.00	38.93 1.53 0.00	38.08 1.70 0.00	35.04 1.82 0.00	48.64 2.52 0.00	55.53 2.95 0.00	59.63 3.27 -0.01	61.72 3.70 0.00	139.56 3.83 -78.74	84.71 3.56 -29.76	83.76 3.53 -28.83	74.58 2.67 -32.59	60.68 2.76 -18.53	66.34 2.85 -24.14	70.19 2.51 -32.65	43.21 2.88 0.00	44.60 2.90 -0.06	45.91 2.71 -5.42	39.15 2.34 -1.48	42.75 2.37 0.00
GLENWOOD_IC_2_G1 23688	48.12 1.92 0.00	46.37 1.74 0.00	39.16 1.49 0.00	38.44 1.49 0.00	40.59 1.55 0.00	38.81 1.41 0.00	37.93 1.55 0.00	34.87 1.65 0.00	48.41 2.30 0.00	55.27 2.69 0.00	59.34 2.98 0.00	61.43 3.41 0.00	63.88 3.51 -3.38	55.97 3.30 -1.28	55.91 3.25 -1.26	43.18 2.47 -1.40	42.73 2.55 -0.80	43.03 2.65 -1.03	38.76 2.33 -1.40	42.99 2.66 0.00	44.39 2.69 -0.06	42.30 2.51 -2.01	38.97 2.15 -1.48	42.56 2.18 0.00
GLENWOOD_IC_3_G1 23689	48.12 1.92 0.00	46.37 1.74 0.00	39.16 1.49 0.00	38.44 1.49 0.00	40.59 1.55 0.00	38.81 1.41 0.00	37.93 1.55 0.00	34.87 1.65 0.00	48.41 2.30 0.00	55.27 2.69 0.00	59.34 2.98 0.00	61.43 3.41 0.00	63.88 3.51 -3.38	55.97 3.30 -1.28	55.91 3.25 -1.26	43.18 2.47 -1.40	42.73 2.55 -0.80	43.03 2.65 -1.03	38.76 2.33 -1.40	42.99 2.66 0.00	44.39 2.69 -0.06	42.30 2.51 -2.01	38.97 2.15 -1.48	42.56 2.18 0.00
GLENWOOD___4 23550	48.32 2.11 0.00	46.54 1.91 0.00	39.27 1.60 0.00	38.55 1.60 0.00	40.74 1.70 0.00	38.93 1.53 0.00	38.08 1.70 0.00	35.04 1.82 0.00	48.64 2.52 0.00	55.53 2.95 0.00	59.63 3.27 -0.01	61.72 3.70 0.00	139.56 3.83 -78.74	84.71 3.56 -29.76	83.76 3.53 -28.83	74.58 2.67 -32.59	60.68 2.76 -18.53	66.34 2.85 -24.14	70.19 2.51 -32.65	43.21 2.88 0.00	44.60 2.90 -0.06	45.91 2.71 -5.42	39.15 2.34 -1.48	42.75 2.37 0.00
GLENWOOD___5 23614	48.32 2.11 0.00	46.54 1.91 0.00	39.27 1.60 0.00	38.55 1.60 0.00	40.74 1.70 0.00	38.93 1.53 0.00	38.08 1.70 0.00	35.04 1.82 0.00	48.64 2.52 0.00	55.53 2.95 0.00	59.63 3.27 -0.01	61.72 3.70 0.00	139.56 3.83 -78.74	84.71 3.56 -29.76	83.76 3.53 -28.83	74.58 2.67 -32.59	60.68 2.76 -18.53	66.34 2.85 -24.14	70.19 2.51 -32.65	43.21 2.88 0.00	44.60 2.90 -0.06	45.91 2.71 -5.42	39.15 2.34 -1.48	42.75 2.37 0.00
GLOBAL GREEN_PORT_GT1 23814	50.20 3.99 0.00	48.19 3.56 0.00	40.65 2.98 0.00	39.85 2.89 0.00	42.23 3.18 0.00	39.88 2.49 0.00	38.27 1.89 0.00	35.26 2.05 0.00	48.77 2.65 0.00	55.80 3.23 0.00	59.84 3.48 0.00	62.01 3.99 0.00	63.75 4.08 -2.68	71.35 3.86 -16.09	71.55 4.26 -15.89	60.53 3.01 -18.21	52.71 2.99 -10.33	55.88 3.00 -13.53	56.43 2.84 -18.56	43.53 3.19 0.00	44.85 3.15 -0.06	44.75 3.06 -3.91	39.37 2.56 -1.48	42.88 2.50 0.00
GLOBE___DSASP 323697	43.24 -2.97 0.00	41.58 -3.04 0.00	34.95 -2.71 0.00	34.39 -2.57 0.00	36.25 -2.79 0.00	35.15 -2.25 0.00	34.14 -2.24 0.00	30.56 -2.65 0.00	42.71 -3.41 0.00	48.21 -4.36 0.00	51.35 -5.01 0.00	51.76 -6.26 0.00	50.62 -6.37 0.00	45.56 -5.83 0.00	45.46 -5.61 0.33	35.43 -3.88 0.00	35.63 -3.76 0.00	35.38 -3.96 0.00	31.40 -3.63 0.00	35.96 -4.38 0.00	37.12 -4.53 -0.01	33.89 -4.15 -0.25	32.19 -3.35 -0.20	37.45 -2.94 0.00
GOETHSLN___LBMP 323567	47.94 1.73 0.00	46.25 1.62 0.00	39.04 1.37 0.00	38.33 1.38 0.00	40.45 1.41 0.00	38.63 1.23 0.00	37.70 1.33 0.00	34.64 1.43 0.00	48.11 1.99 0.00	54.85 2.28 0.00	58.92 2.56 0.00	61.07 3.05 0.00	60.15 3.16 0.00	54.39 3.00 0.00	54.33 2.91 -0.03	41.54 2.23 0.00	41.75 2.36 0.00	41.85 2.51 0.00	37.20 2.17 0.00	42.81 2.47 0.00	44.23 2.53 -0.06	41.98 2.34 -1.85	38.82 2.01 -1.48	42.36 1.98 0.00
GOLAH___69_KV_TB 1_2 80279	45.17 -1.04 0.00	43.47 -1.16 0.00	36.58 -1.09 0.00	35.95 -1.01 0.00	37.94 -1.11 0.00	36.63 -0.77 0.00	35.62 -0.76 0.00	32.16 -1.05 0.00	44.93 -1.19 0.00	50.99 -1.59 0.00	54.54 -1.82 0.00	55.50 -2.52 0.00	54.35 -2.64 0.00	48.91 -2.49 0.00	48.82 -2.35 0.23	37.73 -1.59 0.00	37.88 -1.51 0.00	37.67 -1.67 0.00	33.49 -1.54 0.00	38.43 -1.91 0.00	39.67 -1.98 -0.01	36.15 -1.84 -0.21	34.03 -1.47 -0.17	39.22 -1.16 0.00

GOODYEAR_LAKE_HYD 323669	47.56 1.36 0.00	45.88 1.25 0.00	38.68 1.02 0.00	37.92 0.96 0.00	40.00 0.96 0.00	38.32 0.92 0.00	37.39 1.02 0.00	34.15 0.94 0.00	47.69 1.57 0.00	54.47 1.89 0.00	58.52 2.16 0.00	60.45 2.44 0.00	59.28 2.29 0.00	53.31 1.92 0.00	53.29 1.89 -0.01	40.64 1.33 0.00	40.77 1.38 0.00	40.69 1.35 0.00	36.20 1.17 0.00	41.57 1.24 0.00	42.95 1.29 -0.02	39.52 1.20 -0.54	36.80 1.03 -0.43	41.51 1.13 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	46.35 0.15 0.00	44.76 0.13 0.00	37.67 0.00 0.00	36.91 -0.05 0.00	38.98 -0.07 0.00	37.37 -0.03 0.00	36.48 0.11 0.00	33.24 0.03 0.00	46.37 0.25 0.00	52.86 0.28 0.00	56.78 0.42 0.00	58.41 0.40 0.00	57.21 0.21 0.00	51.41 0.02 0.00	51.47 0.07 -0.01	39.34 0.03 0.00	39.50 0.11 0.00	39.43 0.09 0.00	35.14 0.11 0.00	40.36 0.02 0.00	41.69 0.03 -0.02	38.35 -0.01 -0.57	35.78 -0.01 -0.45	40.37 -0.01 0.00
GOUDEY___7 23579	46.35 0.15 0.00	44.76 0.13 0.00	37.67 0.00 0.00	36.91 -0.05 0.00	38.98 -0.07 0.00	37.37 -0.03 0.00	36.48 0.11 0.00	33.24 0.03 0.00	46.37 0.25 0.00	52.86 0.28 0.00	56.78 0.42 0.00	58.41 0.40 0.00	57.21 0.21 0.00	51.41 0.02 0.00	51.47 0.07 -0.01	39.34 0.03 0.00	39.50 0.11 0.00	39.43 0.09 0.00	35.14 0.11 0.00	40.36 0.02 0.00	41.69 0.03 -0.02	38.35 -0.01 -0.57	35.78 -0.01 -0.45	40.37 -0.01 0.00
GOUDEY___8 23580	46.35 0.15 0.00	44.76 0.13 0.00	37.67 0.00 0.00	36.91 -0.05 0.00	38.98 -0.07 0.00	37.37 -0.03 0.00	36.48 0.11 0.00	33.24 0.03 0.00	46.37 0.25 0.00	52.86 0.28 0.00	56.78 0.42 0.00	58.41 0.40 0.00	57.21 0.21 0.00	51.41 0.02 0.00	51.47 0.07 -0.01	39.34 0.03 0.00	39.50 0.11 0.00	39.43 0.09 0.00	35.14 0.11 0.00	40.36 0.02 0.00	41.69 0.03 -0.02	38.35 -0.01 -0.57	35.78 -0.01 -0.45	40.37 -0.01 0.00
GOWANUS_GT1_1 24077	48.12 1.91 0.00	46.41 1.78 0.00	39.18 1.52 0.00	38.48 1.53 0.00	40.58 1.53 0.00	38.76 1.36 0.00	37.85 1.48 0.00	34.79 1.58 0.00	48.33 2.21 0.00	55.10 2.53 0.00	59.21 2.85 0.00	61.35 3.34 0.00	60.43 3.44 0.00	54.68 3.29 0.00	54.62 3.20 -0.03	41.76 2.45 0.00	41.96 2.57 0.00	42.05 2.71 0.00	37.39 2.36 0.00	43.02 2.69 0.00	44.46 2.76 -0.06	42.19 2.55 -1.85	39.00 2.19 -1.48	42.54 2.16 0.00
GOWANUS_GT1_2 24078	48.12 1.91 0.00	46.41 1.78 0.00	39.18 1.52 0.00	38.48 1.53 0.00	40.58 1.53 0.00	38.76 1.36 0.00	37.85 1.48 0.00	34.79 1.58 0.00	48.33 2.21 0.00	55.10 2.53 0.00	59.21 2.85 0.00	61.35 3.34 0.00	60.43 3.44 0.00	54.68 3.29 0.00	54.62 3.20 -0.03	41.76 2.45 0.00	41.96 2.57 0.00	42.05 2.71 0.00	37.39 2.36 0.00	43.02 2.69 0.00	44.46 2.76 -0.06	42.19 2.55 -1.85	39.00 2.19 -1.48	42.54 2.16 0.00
GOWANUS_GT1_3 24079	48.12 1.91 0.00	46.41 1.78 0.00	39.18 1.52 0.00	38.48 1.53 0.00	40.58 1.53 0.00	38.76 1.36 0.00	37.85 1.48 0.00	34.79 1.58 0.00	48.33 2.21 0.00	55.10 2.53 0.00	59.21 2.85 0.00	61.35 3.34 0.00	60.43 3.44 0.00	54.68 3.29 0.00	54.62 3.20 -0.03	41.76 2.45 0.00	41.96 2.57 0.00	42.05 2.71 0.00	37.39 2.36 0.00	43.02 2.69 0.00	44.46 2.76 -0.06	42.19 2.55 -1.85	39.00 2.19 -1.48	42.54 2.16 0.00
GOWANUS_GT1_4 24080	48.12 1.91 0.00	46.41 1.78 0.00	39.18 1.52 0.00	38.48 1.53 0.00	40.58 1.53 0.00	38.76 1.36 0.00	37.85 1.48 0.00	34.79 1.58 0.00	48.33 2.21 0.00	55.10 2.53 0.00	59.21 2.85 0.00	61.35 3.34 0.00	60.43 3.44 0.00	54.68 3.29 0.00	54.62 3.20 -0.03	41.76 2.45 0.00	41.96 2.57 0.00	42.05 2.71 0.00	37.39 2.36 0.00	43.02 2.69 0.00	44.46 2.76 -0.06	42.19 2.55 -1.85	39.00 2.19 -1.48	42.54 2.16 0.00
GOWANUS_GT1_5 24084	48.12 1.91 0.00	46.41 1.78 0.00	39.18 1.52 0.00	38.48 1.53 0.00	40.58 1.53 0.00	38.76 1.36 0.00	37.85 1.48 0.00	34.79 1.58 0.00	48.33 2.21 0.00	55.10 2.53 0.00	59.21 2.85 0.00	61.35 3.34 0.00	60.43 3.44 0.00	54.68 3.29 0.00	54.62 3.20 -0.03	41.76 2.45 0.00	41.96 2.57 0.00	42.05 2.71 0.00	37.39 2.36 0.00	43.02 2.69 0.00	44.46 2.76 -0.06	42.19 2.55 -1.85	39.00 2.19 -1.48	42.54 2.16 0.00
GOWANUS_GT1_6 24111	48.12 1.91 0.00	46.41 1.78 0.00	39.18 1.52 0.00	38.48 1.53 0.00	40.58 1.53 0.00	38.76 1.36 0.00	37.85 1.48 0.00	34.79 1.58 0.00	48.33 2.21 0.00	55.10 2.53 0.00	59.21 2.85 0.00	61.35 3.34 0.00	60.43 3.44 0.00	54.68 3.29 0.00	54.62 3.20 -0.03	41.76 2.45 0.00	41.96 2.57 0.00	42.05 2.71 0.00	37.39 2.36 0.00	43.02 2.69 0.00	44.46 2.76 -0.06	42.19 2.55 -1.85	39.00 2.19 -1.48	42.54 2.16 0.00
GOWANUS_GT1_7 24112	48.12 1.91 0.00	46.41 1.78 0.00	39.18 1.52 0.00	38.48 1.53 0.00	40.58 1.53 0.00	38.76 1.36 0.00	37.85 1.48 0.00	34.79 1.58 0.00	48.33 2.21 0.00	55.10 2.53 0.00	59.21 2.85 0.00	61.35 3.34 0.00	60.43 3.44 0.00	54.68 3.29 0.00	54.62 3.20 -0.03	41.76 2.45 0.00	41.96 2.57 0.00	42.05 2.71 0.00	37.39 2.36 0.00	43.02 2.69 0.00	44.46 2.76 -0.06	42.19 2.55 -1.85	39.00 2.19 -1.48	42.54 2.16 0.00
GOWANUS_GT1_8 24113	48.12 1.91 0.00	46.41 1.78 0.00	39.18 1.52 0.00	38.48 1.53 0.00	40.58 1.53 0.00	38.76 1.36 0.00	37.85 1.48 0.00	34.79 1.58 0.00	48.33 2.21 0.00	55.10 2.53 0.00	59.21 2.85 0.00	61.35 3.34 0.00	60.43 3.44 0.00	54.68 3.29 0.00	54.62 3.20 -0.03	41.76 2.45 0.00	41.96 2.57 0.00	42.05 2.71 0.00	37.39 2.36 0.00	43.02 2.69 0.00	44.46 2.76 -0.06	42.19 2.55 -1.85	39.00 2.19 -1.48	42.54 2.16 0.00
GOWANUS_GT2_1 24114	48.06 1.86 0.00	46.39 1.76 0.00	39.17 1.50 0.00	38.49 1.53 0.00	40.57 1.52 0.00	38.75 1.35 0.00	37.83 1.46 0.00	34.77 1.56 0.00	48.30 2.19 0.00	55.09 2.51 0.00	59.18 2.82 0.00	61.31 3.29 0.00	60.40 3.41 0.00	54.64 3.25 0.00	54.59 3.17 -0.03	41.74 2.43 0.00	41.93 2.54 0.00	42.02 2.68 0.00	37.37 2.34 0.00	43.00 2.66 0.00	44.43 2.73 -0.06	42.17 2.53 -1.85	38.98 2.16 -1.48	42.52 2.14 0.00
GOWANUS_GT2_2 24115	48.06 1.86 0.00	46.39 1.76 0.00	39.17 1.50 0.00	38.49 1.53 0.00	40.57 1.52 0.00	38.75 1.35 0.00	37.83 1.46 0.00	34.77 1.56 0.00	48.30 2.19 0.00	55.09 2.51 0.00	59.18 2.82 0.00	61.31 3.29 0.00	60.40 3.41 0.00	54.64 3.25 0.00	54.59 3.17 -0.03	41.74 2.43 0.00	41.93 2.54 0.00	42.02 2.68 0.00	37.37 2.34 0.00	43.00 2.66 0.00	44.43 2.73 -0.06	42.17 2.53 -1.85	38.98 2.16 -1.48	42.52 2.14 0.00
GOWANUS_GT2_3 24116	48.06 1.86 0.00	46.39 1.76 0.00	39.17 1.50 0.00	38.49 1.53 0.00	40.57 1.52 0.00	38.75 1.35 0.00	37.83 1.46 0.00	34.77 1.56 0.00	48.30 2.19 0.00	55.09 2.51 0.00	59.18 2.82 0.00	61.31 3.29 0.00	60.40 3.41 0.00	54.64 3.25 0.00	54.59 3.17 -0.03	41.74 2.43 0.00	41.93 2.54 0.00	42.02 2.68 0.00	37.37 2.34 0.00	43.00 2.66 0.00	44.43 2.73 -0.06	42.17 2.53 -1.85	38.98 2.16 -1.48	42.52 2.14 0.00

GOWANUS_GT2_4 24117	48.06 1.86 0.00	46.39 1.76 0.00	39.17 1.50 0.00	38.49 1.53 0.00	40.57 1.52 0.00	38.75 1.35 0.00	37.83 1.46 0.00	34.77 1.56 0.00	48.30 2.19 0.00	55.09 2.51 0.00	59.18 2.82 0.00	61.31 3.29 0.00	60.40 3.41 0.00	54.64 3.25 0.00	54.59 3.17 -0.03	41.74 2.43 0.00	41.93 2.54 0.00	42.02 2.68 0.00	37.37 2.34 0.00	43.00 2.66 0.00	44.43 2.73 -0.06	42.17 2.53 -1.85	38.98 2.16 -1.48	42.52 2.14 0.00
GOWANUS_GT2_5 24118	48.06 1.86 0.00	46.39 1.76 0.00	39.17 1.50 0.00	38.49 1.53 0.00	40.57 1.52 0.00	38.75 1.35 0.00	37.83 1.46 0.00	34.77 1.56 0.00	48.30 2.19 0.00	55.09 2.51 0.00	59.18 2.82 0.00	61.31 3.29 0.00	60.40 3.41 0.00	54.64 3.25 0.00	54.59 3.17 -0.03	41.74 2.43 0.00	41.93 2.54 0.00	42.02 2.68 0.00	37.37 2.34 0.00	43.00 2.66 0.00	44.43 2.73 -0.06	42.17 2.53 -1.85	38.98 2.16 -1.48	42.52 2.14 0.00
GOWANUS_GT2_6 24119	48.06 1.86 0.00	46.39 1.76 0.00	39.17 1.50 0.00	38.49 1.53 0.00	40.57 1.52 0.00	38.75 1.35 0.00	37.83 1.46 0.00	34.77 1.56 0.00	48.30 2.19 0.00	55.09 2.51 0.00	59.18 2.82 0.00	61.31 3.29 0.00	60.40 3.41 0.00	54.64 3.25 0.00	54.59 3.17 -0.03	41.74 2.43 0.00	41.93 2.54 0.00	42.02 2.68 0.00	37.37 2.34 0.00	43.00 2.66 0.00	44.43 2.73 -0.06	42.17 2.53 -1.85	38.98 2.16 -1.48	42.52 2.14 0.00
GOWANUS_GT2_7 24120	48.06 1.86 0.00	46.39 1.76 0.00	39.17 1.50 0.00	38.49 1.53 0.00	40.57 1.52 0.00	38.75 1.35 0.00	37.83 1.46 0.00	34.77 1.56 0.00	48.30 2.19 0.00	55.09 2.51 0.00	59.18 2.82 0.00	61.31 3.29 0.00	60.40 3.41 0.00	54.64 3.25 0.00	54.59 3.17 -0.03	41.74 2.43 0.00	41.93 2.54 0.00	42.02 2.68 0.00	37.37 2.34 0.00	43.00 2.66 0.00	44.43 2.73 -0.06	42.17 2.53 -1.85	38.98 2.16 -1.48	42.52 2.14 0.00
GOWANUS_GT2_8 24121	48.06 1.86 0.00	46.39 1.76 0.00	39.17 1.50 0.00	38.49 1.53 0.00	40.57 1.52 0.00	38.75 1.35 0.00	37.83 1.46 0.00	34.77 1.56 0.00	48.30 2.19 0.00	55.09 2.51 0.00	59.18 2.82 0.00	61.31 3.29 0.00	60.40 3.41 0.00	54.64 3.25 0.00	54.59 3.17 -0.03	41.74 2.43 0.00	41.93 2.54 0.00	42.02 2.68 0.00	37.37 2.34 0.00	43.00 2.66 0.00	44.43 2.73 -0.06	42.17 2.53 -1.85	38.98 2.16 -1.48	42.52 2.14 0.00
GOWANUS_GT3_1 24122	48.11 1.90 0.00	46.41 1.78 0.00	39.19 1.53 0.00	38.51 1.55 0.00	40.57 1.53 0.00	38.76 1.36 0.00	37.85 1.48 0.00	34.79 1.58 0.00	48.33 2.21 0.00	55.11 2.53 0.00	59.22 2.86 0.00	61.34 3.32 0.00	60.43 3.44 0.00	54.68 3.29 0.00	54.63 3.21 -0.03	41.76 2.45 0.00	41.96 2.57 0.00	42.05 2.71 0.00	37.39 2.36 0.00	43.03 2.69 0.00	44.46 2.76 -0.06	42.19 2.55 -1.85	39.00 2.19 -1.48	42.54 2.16 0.00
GOWANUS_GT3_2 24123	48.11 1.90 0.00	46.41 1.78 0.00	39.19 1.53 0.00	38.51 1.55 0.00	40.57 1.53 0.00	38.76 1.36 0.00	37.85 1.48 0.00	34.79 1.58 0.00	48.33 2.21 0.00	55.11 2.53 0.00	59.22 2.86 0.00	61.34 3.32 0.00	60.43 3.44 0.00	54.68 3.29 0.00	54.63 3.21 -0.03	41.76 2.45 0.00	41.96 2.57 0.00	42.05 2.71 0.00	37.39 2.36 0.00	43.03 2.69 0.00	44.46 2.76 -0.06	42.19 2.55 -1.85	39.00 2.19 -1.48	42.54 2.16 0.00
GOWANUS_GT3_3 24124	48.11 1.90 0.00	46.41 1.78 0.00	39.19 1.53 0.00	38.51 1.55 0.00	40.57 1.53 0.00	38.76 1.36 0.00	37.85 1.48 0.00	34.79 1.58 0.00	48.33 2.2															

GOWANUS_GT4_3 24132	48.08 1.87 0.00	46.39 1.76 0.00	39.16 1.49 0.00	38.47 1.51 0.00	40.57 1.52 0.00	38.75 1.35 0.00	37.83 1.46 0.00	34.77 1.56 0.00	48.30 2.19 0.00	55.09 2.51 0.00	59.17 2.82 0.00	61.31 3.30 0.00	60.40 3.41 0.00	54.64 3.25 0.00	54.59 3.17 -0.03	41.73 2.42 0.00	41.93 2.54 0.00	42.02 2.68 0.00	37.37 2.34 0.00	43.00 2.67 0.00	44.43 2.73 -0.06	42.17 2.53 -1.85	38.98 2.17 -1.48	42.52 2.14 0.00
GOWANUS_GT4_4 24133	48.08 1.87 0.00	46.39 1.76 0.00	39.16 1.49 0.00	38.47 1.51 0.00	40.57 1.52 0.00	38.75 1.35 0.00	37.83 1.46 0.00	34.77 1.56 0.00	48.30 2.19 0.00	55.09 2.51 0.00	59.17 2.82 0.00	61.31 3.30 0.00	60.40 3.41 0.00	54.64 3.25 0.00	54.59 3.17 -0.03	41.73 2.42 0.00	41.93 2.54 0.00	42.02 2.68 0.00	37.37 2.34 0.00	43.00 2.67 0.00	44.43 2.73 -0.06	42.17 2.53 -1.85	38.98 2.17 -1.48	42.52 2.14 0.00
GOWANUS_GT4_5 24134	48.08 1.87 0.00	46.39 1.76 0.00	39.16 1.49 0.00	38.47 1.51 0.00	40.57 1.52 0.00	38.75 1.35 0.00	37.83 1.46 0.00	34.77 1.56 0.00	48.30 2.19 0.00	55.09 2.51 0.00	59.17 2.82 0.00	61.31 3.30 0.00	60.40 3.41 0.00	54.64 3.25 0.00	54.59 3.17 -0.03	41.73 2.42 0.00	41.93 2.54 0.00	42.02 2.68 0.00	37.37 2.34 0.00	43.00 2.67 0.00	44.43 2.73 -0.06	42.17 2.53 -1.85	38.98 2.17 -1.48	42.52 2.14 0.00
GOWANUS_GT4_6 24135	48.08 1.87 0.00	46.39 1.76 0.00	39.16 1.49 0.00	38.47 1.51 0.00	40.57 1.52 0.00	38.75 1.35 0.00	37.83 1.46 0.00	34.77 1.56 0.00	48.30 2.19 0.00	55.09 2.51 0.00	59.17 2.82 0.00	61.31 3.30 0.00	60.40 3.41 0.00	54.64 3.25 0.00	54.59 3.17 -0.03	41.73 2.42 0.00	41.93 2.54 0.00	42.02 2.68 0.00	37.37 2.34 0.00	43.00 2.67 0.00	44.43 2.73 -0.06	42.17 2.53 -1.85	38.98 2.17 -1.48	42.52 2.14 0.00
GOWANUS_GT4_7 24136	48.08 1.87 0.00	46.39 1.76 0.00	39.16 1.49 0.00	38.47 1.51 0.00	40.57 1.52 0.00	38.75 1.35 0.00	37.83 1.46 0.00	34.77 1.56 0.00	48.30 2.19 0.00	55.09 2.51 0.00	59.17 2.82 0.00	61.31 3.30 0.00	60.40 3.41 0.00	54.64 3.25 0.00	54.59 3.17 -0.03	41.73 2.42 0.00	41.93 2.54 0.00	42.02 2.68 0.00	37.37 2.34 0.00	43.00 2.67 0.00	44.43 2.73 -0.06	42.17 2.53 -1.85	38.98 2.17 -1.48	42.52 2.14 0.00
GOWANUS_GT4_8 24137	48.08 1.87 0.00	46.39 1.76 0.00	39.16 1.49 0.00	38.47 1.51 0.00	40.57 1.52 0.00	38.75 1.35 0.00	37.83 1.46 0.00	34.77 1.56 0.00	48.30 2.19 0.00	55.09 2.51 0.00	59.17 2.82 0.00	61.31 3.30 0.00	60.40 3.41 0.00	54.64 3.25 0.00	54.59 3.17 -0.03	41.73 2.42 0.00	41.93 2.54 0.00	42.02 2.68 0.00	37.37 2.34 0.00	43.00 2.67 0.00	44.43 2.73 -0.06	42.17 2.53 -1.85	38.98 2.17 -1.48	42.52 2.14 0.00
GREENBSH_115KV_TB3 55895	47.38 1.18 0.00	45.79 1.16 0.00	38.71 1.04 0.00	37.97 1.01 0.00	40.14 1.10 0.00	38.40 1.00 0.00	37.23 0.86 0.00	34.06 0.85 0.00	46.91 0.80 0.00	53.53 0.96 0.00	57.39 1.03 0.00	59.14 1.13 0.00	58.18 1.19 0.00	52.57 1.17 0.00	52.58 1.15 -0.03	40.19 0.88 0.00	40.16 0.77 0.00	40.13 0.78 0.00	35.81 0.78 0.00	41.50 1.16 0.00	42.90 1.19 -0.07	41.14 1.16 -2.20	38.31 1.22 -1.75	41.58 1.20 0.00
GREENDGE_115KV_TB5 80291	45.95 -0.25 0.00	44.35 -0.27 0.00	37.25 -0.42 0.00	36.49 -0.46 0.00	38.57 -0.47 0.00	37.16 -0.24 0.00	36.36 -0.01 0.00	33.07 -0.14 0.00	46.18 0.06 0.00	52.59 0.02 0.00	56.38 0.02 0.00	57.69 -0.33 0.00	56.20 -0.79 0.00	50.38 -1.01 0.00	49.32 -1.02 1.05	38.64 -0.67 0.00	38.88 -0.51 0.00	38.81 -0.53 0.00	34.63 -0.40 0.00	39.71 -0.63 0.00	41.00 -0.66 -0.01	37.45 -0.67 -0.34	35.05 -0.56 -0.27	39.91 -0.47 0.00
GREENIDGE___3 23582	45.95 -0.25 0.00	44.35 -0.27 0.00	37.25 -0.42 0.00	36.49 -0.46 0.00	38.57 -0.47 0.00	37.16 -0.24 0.00	36.36 -0.01 0.00	33.07 -0.14 0.00	46.18 0.06 0.00	52.59 0.02 0.00	56.38 0.02 0.00	57.69 -0.33 0.00	56.20 -0.79 0.00	50.38 -1.01 0.00	49.32 -1.02 1.05	38.64 -0.67 0.00	38.88 -0.51 0.00	38.81 -0.53 0.00	34.63 -0.40 0.00	39.71 -0.63 0.00	41.00 -0.66 -0.01	37.45 -0.67 -0.34	35.05 -0.56 -0.27	39.91 -0.47 0.00
GREENIDGE___4 23583	46.07 -0.25 -0.11	44.35 -0.27 0.00	37.24 -0.43 0.00	36.48 -0.48 0.00	38.58 -0.47 -0.01	37.37 -0.24 -0.22	36.36 -0.02 0.00	33.11 -0.14 -0.04	46.18 0.07 0.00	52.59 0.02 0.00	56.42 0.02 -0.04	57.69 -0.32 0.00	56.21 -0.78 0.00	50.36 -1.03 0.00	49.30 -1.05 1.04	38.64 -0.67 0.00	38.88 -0.51 0.00	38.81 -0.54 0.00	34.63 -0.40 0.00	39.71 -0.63 0.00	41.00 -0.66 -0.01	37.45 -0.68 -0.34	35.10 -0.57 -0.33	39.95 -0.47 -0.04
GREENLWN_69_KV_BK 3 55738	48.11 1.90 0.00	46.28 1.65 0.00	39.09 1.42 0.00	38.34 1.38 0.00	40.56 1.52 0.00	38.74 1.34 0.00	37.98 1.60 0.00	35.02 1.81 0.00	48.50 2.39 0.00	55.41 2.83 0.00	59.60 3.23 0.00	61.67 3.65 0.00	65.08 3.79 -4.30	71.43 3.53 -16.51	71.29 3.61 -16.28	60.64 2.67 -18.65	52.65 2.68 -10.58	55.97 2.77 -13.86	56.50 2.48 -19.00	43.14 2.80 0.00	44.43 2.73 -0.06	44.38 2.64 -3.96	39.05 2.24 -1.48	42.64 2.26 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	48.12 1.91 0.00	46.41 1.78 0.00	39.18 1.52 0.00	38.48 1.53 0.00	40.58 1.53 0.00	38.76 1.36 0.00	37.85 1.48 0.00	34.79 1.58 0.00	48.33 2.21 0.00	55.10 2.53 0.00	59.21 2.85 0.00	61.35 3.34 0.00	60.43 3.44 0.00	54.68 3.29 0.00	54.62 3.20 -0.03	41.76 2.45 0.00	41.96 2.57 0.00	42.05 2.71 0.00	37.39 2.36 0.00	43.02 2.69 0.00	44.46 2.76 -0.06	42.19 2.55 -1.85	39.00 2.19 -1.48	42.54 2.16 0.00
GRISSOM___SOLAR 323813	48.68 2.47 0.00	46.96 2.33 0.00	39.61 1.94 0.00	38.85 1.89 0.00	41.03 1.99 0.00	39.34 1.95 0.00	38.34 1.97 0.00	35.05 1.84 0.00	48.93 2.81 0.00	55.92 3.34 0.00	60.00 3.64 0.00	61.88 3.86 0.00	60.80 3.81 0.00	54.74 3.35 0.00	54.74 3.31 -0.03	41.72 2.41 0.00	41.76 2.37 0.00	41.69 2.35 0.00	37.07 2.04 0.00	42.60 2.27 0.00	44.04 2.32 -0.08	42.32 2.12 -2.42	39.14 1.88 -1.93	42.49 2.11 0.00
GROVEVILLE___HYD 323602	48.30 2.09 0.00	46.56 1.93 0.00	39.30 1.63 0.00	38.58 1.62 0.00	40.73 1.68 0.00	38.97 1.57 0.00	38.10 1.72 0.00	34.99 1.78 0.00	48.70 2.58 0.00	55.62 3.05 0.00	59.78 3.42 0.00	61.87 3.85 0.00	60.89 3.90 0.00	54.96 3.57 0.00	54.87 3.45 -0.03	41.91 2.59 0.00	42.05 2.66 0.00	42.09 2.75 0.00	37.44 2.41 0.00	43.06 2.73 0.00	44.50 2.81 -0.06	42.17 2.53 -1.86	39.02 2.20 -1.48	42.60 2.22 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	45.80 -0.41 0.00	44.22 -0.40 0.00	37.28 -0.39 0.00	36.56 -0.40 0.00	38.64 -0.40 0.00	37.06 -0.35 0.00	36.00 -0.38 0.00	32.80 -0.41 0.00	45.60 -0.52 0.00	51.99 -0.58 0.00	55.77 -0.59 0.00	57.33 -0.69 0.00	56.25 -0.74 0.00	50.64 -0.76 0.00	50.64 -0.75 0.00	38.77 -0.54 0.00	38.86 -0.53 0.00	38.79 -0.55 0.00	34.54 -0.49 0.00	39.71 -0.62 0.00	41.00 -0.65 -0.01	37.33 -0.62 -0.18	34.93 -0.55 -0.14	39.87 -0.51 0.00

HAMLTNNY_34_KV_TB 80303	45.75 -0.46 0.00	44.18 -0.45 0.00	37.23 -0.44 0.00	36.50 -0.46 0.00	38.58 -0.46 0.00	37.01 -0.39 0.00	35.97 -0.41 0.00	32.77 -0.45 0.00	45.56 -0.56 0.00	51.93 -0.64 0.00	55.71 -0.65 0.00	57.26 -0.76 0.00	56.14 -0.85 0.00	50.54 -0.86 0.00	50.54 -0.86 0.00	38.71 -0.60 0.00	38.80 -0.58 0.00	38.72 -0.63 0.00	34.49 -0.54 0.00	39.65 -0.69 0.00	40.93 -0.72 -0.01	37.28 -0.69 -0.19	34.88 -0.60 -0.15	39.80 -0.59 0.00
HAMPSHIRE___PAPER_HYD 323593	46.90 0.69 0.00	45.30 0.67 0.00	38.16 0.49 0.00	37.44 0.48 0.00	39.58 0.53 0.00	38.03 0.63 0.00	37.19 0.81 0.00	33.76 0.55 0.00	47.17 1.06 0.00	53.81 1.23 0.00	57.30 0.94 0.00	58.50 0.48 0.00	57.36 0.37 0.00	51.44 0.05 0.00	51.49 0.09 0.00	39.32 0.01 0.00	39.51 0.12 0.00	39.40 0.06 0.00	34.91 -0.12 0.00	40.39 0.05 0.00	41.73 0.09 0.00	37.88 0.04 -0.05	35.40 0.02 -0.04	40.85 0.47 0.00
HARDSCRABBLE_WT_PWR 323673	46.88 0.67 0.00	45.38 0.75 0.00	38.29 0.62 0.00	37.53 0.57 0.00	39.59 0.54 0.00	37.69 0.30 0.00	36.53 0.15 0.00	33.45 0.23 0.00	46.48 0.37 0.00	52.98 0.41 0.00	56.98 0.62 0.00	58.96 0.95 0.00	58.13 1.14 0.00	52.76 1.37 0.00	52.88 1.49 0.00	40.22 0.91 0.00	40.01 0.62 0.00	39.82 0.48 0.00	35.36 0.33 0.00	40.82 0.48 0.00	42.07 0.43 0.00	38.33 0.55 0.00	35.88 0.54 0.00	40.73 0.35 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	47.94 1.74 0.00	46.23 1.60 0.00	39.03 1.36 0.00	38.31 1.36 0.00	40.44 1.40 0.00	38.71 1.31 0.00	37.81 1.44 0.00	34.73 1.52 0.00	48.28 2.17 0.00	55.10 2.52 0.00	59.20 2.84 0.00	61.27 3.25 0.00	60.29 3.30 0.00	54.46 3.07 0.00	54.38 2.96 -0.02	41.54 2.23 0.00	41.73 2.34 0.00	41.83 2.49 0.00	37.25 2.22 0.00	42.81 2.47 0.00	44.22 2.52 -0.06	41.81 2.27 -1.75	38.67 1.93 -1.40	42.30 1.92 0.00
HARSNRAD_115KV_TB1 81005	44.09 -2.11 0.00	42.43 -2.20 0.00	35.66 -2.00 0.00	35.09 -1.87 0.00	36.99 -2.05 0.00	35.81 -1.60 0.00	34.77 -1.61 0.00	31.15 -2.07 0.00	43.56 -2.56 0.00	49.22 -3.35 0.00	52.47 -3.89 0.00	52.96 -5.06 0.00	51.76 -5.23 0.00	46.57 -4.82 0.00	46.48 -4.60 0.00	36.18 -3.13 0.00	36.37 -3.02 0.00	36.09 -3.25 0.00	32.02 -3.01 0.00	36.67 -3.66 0.00	37.87 -3.78 -0.01	34.57 -3.46 -0.25	32.81 -2.73 -0.20	38.21 -2.17 0.00
HARZA MOOSE___RIVER 24016	46.81 0.60 0.00	45.10 0.48 0.00	38.08 0.42 0.00	37.39 0.43 0.00	39.58 0.54 0.00	38.03 0.63 0.00	37.09 0.72 0.00	33.84 0.63 0.00	47.10 0.98 0.00	53.83 1.26 0.00	57.82 1.46 0.00	59.47 1.46 0.00	58.35 1.36 0.00	52.43 1.04 0.00	52.26 0.87 0.00	39.90 0.59 0.00	39.92 0.53 0.00	39.79 0.44 0.00	35.41 0.38 0.00	40.99 0.66 0.00	42.36 0.72 0.00	38.44 0.59 -0.06	35.88 0.49 -0.05	41.00 0.63 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	45.55 -0.66 0.00	43.96 -0.66 0.00	37.07 -0.60 0.00	36.36 -0.60 0.00	38.42 -0.63 0.00	36.84 -0.56 0.00	35.79 -0.58 0.00	32.60 -0.61 0.00	45.30 -0.81 0.00	51.63 -0.94 0.00	55.39 -0.97 0.00	56.93 -1.09 0.00	55.86 -1.13 0.00	50.30 -1.10 0.00	50.32 -1.08 0.00	38.53 -0.78 0.00	38.61 -0.78 0.00	38.54 -0.81 0.00	34.32 -0.72 0.00	39.45 -0.88 0.00	40.73 -0.92 0.00	37.08 -0.86 -0.16	34.70 -0.76 -0.13	39.63 -0.75 0.00
HELLGATE_13_KV_LD 55870	48.12 1.91 0.00	46.43 1.80 0.00	39.19 1.52 0.00	38.51 1.55 0.00	40.60 1.56 0.00	38.78 1.38 0.00	37.84 1.47 0.00	34.80 1.58 0.00	48.32 2.20 0.00	55.09 2.52 0.00	59.19 2.83 0.00	61.29 3.28 0.00	60.36 3.37 0.00	54.61 3.22 0.00	54.55 3.13 -0.03	41.73 2.42 0.00	41.91 2.52 0.00	41.97 2.63 0.00	37.32 2.29 0.00	42.95 2.61 0.00	44.38 2.68 -0.06	42.13 2.50 -1.85	38.98 2.17 -1.48	42.54 2.16 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	48.12 1.91 0.00	46.43 1.80 0.00	39.19 1.52 0.00	38.51 1.55 0.00	40.60 1.56 0.00	38.78 1.38 0.00	37.84 1.47 0.00	34.80 1.58 0.00	48.32 2.20 0.00	55.09 2.52 0.00	59.19 2.83 0.00	61.29 3.28 0.00	60.36 3.37 0.00	54.61 3.22 0.00	54.55 3.13 -0.03	41.73 2.42 0.00	41.91 2.52 0.00	41.97 2.63 0.00	37.32 2.29 0.00	42.95 2.61 0.00	44.38 2.68 -0.06	42.13 2.50 -1.85	38.98 2.17 -1.48	42.54 2.16 0.00
HEMPSTEAD____ 23647	48.13 1.92 0.00	46.35 1.72 0.00	39.14 1.47 0.00	38.40 1.43 0.00	40.59 1.54 0.00	38.79 1.39 0.00	37.97 1.59 0.00	34.96 1.75 0.00	48.50 2.38 0.00	55.35 2.77 0.00	59.40 3.04 0.00	61.50 3.48 0.00	128.49 3.60 -67.91	80.42 3.36 -25.67	79.65 3.39 -24.87	70.04 2.62 -28.11	58.03 2.67 -15.97	62.93 2.76 -20.82	65.61 2.43 -28.15	43.13 2.80 0.00	44.48 2.78 -0.06	45.34 2.63 -4.93	39.08 2.26 -1.48	42.67 2.29 0.00
HEWLETT_69_KV_BK3 55828	48.47 2.26 0.00	46.67 2.04 0.00	39.39 1.72 0.00	38.65 1.69 0.00	40.85 1.81 0.00	39.04 1.64 0.00	38.21 1.84 0.00	35.19 1.97 0.00	48.86 2.74 0.00	55.79 3.21 0.00	59.89 3.52 0.00	62.00 3.98 0.00	189.94 4.11 -128.84	84.50 3.87 -29.25	83.25 3.88 -27.96	73.49 2.91 -31.27	60.19 3.08 -17.80	65.52 3.08 -23.11	68.63 2.69 -30.91	43.48 3.14 0.00	44.86 3.16 -0.06	45.94 2.97 -5.19	39.37 2.56 -1.48	43.03 2.65 0.00
HICKLING___1 23621	45.46 -0.75 0.00	43.95 -0.68 0.00	36.85 -0.82 0.00	36.04 -0.92 0.00	38.08 -0.97 0.00	36.66 -0.74 0.00	36.00 -0.38 0.00	32.71 -0.51 0.00	45.83 -0.29 0.00	52.18 -0.40 0.00	56.05 -0.31 0.00	57.38 -0.64 0.00	55.81 -1.18 0.00	49.82 -1.57 0.00	48.87 -1.49 1.04	38.17 -1.14 0.00	38.47 -0.92 0.00	38.45 -0.89 0.00	34.38 -0.65 0.00	39.34 -1.00 0.00	40.62 -1.03 -0.01	37.21 -1.02 -0.44	34.78 -0.90 -0.35	39.45 -0.93 0.00
HICKLING___2 23622	45.46 -0.75 0.00	43.95 -0.68 0.00	36.85 -0.82 0.00	36.04 -0.92 0.00	38.08 -0.97 0.00	36.66 -0.74 0.00	36.00 -0.38 0.00	32.71 -0.51 0.00	45.83 -0.29 0.00	52.18 -0.40 0.00	56.05 -0.31 0.00	57.38 -0.64 0.00	55.81 -1.18 0.00	49.82 -1.57 0.00	48.87 -1.49 1.04	38.17 -1.14 0.00	38.47 -0.92 0.00	38.45 -0.89 0.00	34.38 -0.65 0.00	39.34 -1.00 0.00	40.62 -1.03 -0.01	37.21 -1.02 -0.44	34.78 -0.90 -0.35	39.45 -0.93 0.00
HIGH FALLS___HY 23754	48.07 1.87 0.00	46.30 1.67 0.00	39.06 1.39 0.00	38.34 1.38 0.00	40.46 1.42 0.00	38.75 1.35 0.00	37.95 1.58 0.00	34.88 1.67 0.00	48.70 2.58 0.00	55.68 3.11 0.00	59.86 3.50 0.00	62.02 4.00 0.00	61.03 4.04 0.00	55.08 3.69 0.00	54.93 3.51 -0.03	41.94 2.63 0.00	42.14 2.75 0.00	42.19 2.85 0.00	37.53 2.50 0.00	43.06 2.72 0.00	44.49 2.79 -0.06	42.10 2.49 -1.83	38.88 2.08 -1.46	42.46 2.08 0.00
HIGH_RIVER___SOLAR 323847	47.89 1.68 0.00	46.24 1.61 0.00	39.04 1.37 0.00	38.30 1.34 0.00	40.47 1.43 0.00	38.78 1.37 0.00	37.78 1.40 0.00	34.53 1.32 0.00	48.07 1.96 0.00	54.88 2.30 0.00	58.86 2.50 0.00	60.67 2.66 0.00	59.62 2.63 0.00	53.76 2.37 0.00	53.77 2.34 -0.03	41.03 1.72 0.00	41.08 1.69 0.00	41.03 1.68 0.00	36.51 1.48 0.00	42.00 1.67 0.00	43.44 1.72 -0.08	41.69 1.57 -2.34	38.59 1.39 -1.87	41.90 1.52 0.00

HILLBURN___GT 23639	47.75 1.55 0.00	46.06 1.43 0.00	38.91 1.24 0.00	38.20 1.24 0.00	40.31 1.27 0.00	38.58 1.18 0.00	37.69 1.32 0.00	34.61 1.39 0.00	48.10 1.98 0.00	54.84 2.27 0.00	58.88 2.52 0.00	60.97 2.95 0.00	60.02 3.03 0.00	54.25 2.86 0.00	54.15 2.73 -0.02	41.36 2.05 0.00	41.58 2.19 0.00	41.73 2.39 0.00	37.16 2.13 0.00	42.71 2.38 0.00	44.11 2.41 -0.06	41.75 2.19 -1.78	38.58 1.82 -1.42	42.18 1.80 0.00
HILLSIDE_115KV_TB1 80332	44.95 -1.26 0.00	43.49 -1.14 0.00	36.45 -1.22 0.00	35.66 -1.30 0.00	37.66 -1.39 0.00	36.16 -1.24 0.00	35.53 -0.85 0.00	32.28 -0.93 0.00	45.24 -0.88 0.00	51.51 -1.06 0.00	55.40 -0.96 0.00	56.83 -1.19 0.00	55.39 -1.60 0.00	49.52 -1.87 0.00	48.64 -1.76 1.00	37.93 -1.38 0.00	38.23 -1.16 0.00	38.22 -1.12 0.00	34.14 -0.89 0.00	39.10 -1.24 0.00	40.36 -1.30 -0.02	36.98 -1.26 -0.45	34.51 -1.19 -0.36	39.04 -1.34 0.00
HISHELDN_WT_PWR 323625	44.28 -1.56 0.37	43.04 -1.58 0.00	36.15 -1.52 0.00	35.45 -1.50 0.00	37.44 -1.58 0.02	35.56 -1.13 0.70	35.36 -1.02 0.00	31.71 -1.36 0.14	44.59 -1.53 0.00	50.46 -2.11 0.00	53.73 -2.49 0.14	54.57 -3.44 0.00	53.07 -3.92 0.00	47.47 -3.92 0.00	47.13 -3.76 0.51	36.78 -2.53 0.00	36.96 -2.43 0.00	36.74 -2.60 0.00	32.60 -2.44 0.00	37.33 -3.01 0.00	38.60 -3.05 -0.01	35.29 -2.80 -0.30	33.19 -2.18 -0.04	38.45 -1.81 0.12
HOLTSVILLE_IC_1 23690	48.65 2.44 0.00	46.76 2.13 0.00	39.50 1.83 0.00	38.74 1.77 0.00	41.03 1.98 0.00	39.18 1.78 0.00	38.37 2.00 0.00	35.34 2.13 0.00	48.96 2.85 0.00	55.98 3.41 0.00	60.14 3.78 0.00	62.20 4.18 0.00	63.75 4.28 -2.48	71.50 4.06 -16.06	71.50 4.25 -15.85	60.60 3.12 -18.17	52.79 3.10 -10.31	56.01 3.17 -13.51	56.41 2.85 -18.52	43.58 3.24 0.00	44.88 3.17 -0.06	44.77 3.08 -3.91	39.43 2.62 -1.48	43.05 2.67 0.00
HOLTSVILLE_IC_10 23699	48.84 2.63 0.00	46.93 2.30 0.00	39.63 1.96 0.00	38.86 1.90 0.00	41.19 2.14 0.00	39.33 1.93 0.00	38.53 2.15 0.00	35.48 2.27 0.00	49.20 3.08 0.00	56.26 3.69 0.00	60.44 4.08 0.00	62.55 4.53 0.00	64.89 4.60 -3.30	71.95 4.36 -16.20	71.96 4.58 -15.99	60.96 3.33 -18.32	53.09 3.31 -10.39	56.33 3.37 -13.61	56.74 3.04 -18.67	43.79 3.46 0.00	45.09 3.39 -0.06	44.99 3.28 -3.92	39.61 2.80 -1.48	43.25 2.87 0.00
HOLTSVILLE_IC_2 23691	48.65 2.44 0.00	46.76 2.13 0.00	39.50 1.83 0.00	38.74 1.77 0.00	41.03 1.98 0.00	39.18 1.78 0.00	38.37 2.00 0.00	35.34 2.13 0.00	48.96 2.85 0.00	55.98 3.41 0.00	60.14 3.78 0.00	62.20 4.18 0.00	63.75 4.28 -2.48	71.50 4.06 -16.06	71.50 4.25 -15.85	60.60 3.12 -18.17	52.79 3.10 -10.31	56.01 3.17 -13.51	56.41 2.85 -18.52	43.58 3.24 0.00	44.88 3.17 -0.06	44.77 3.08 -3.91	39.43 2.62 -1.48	43.05 2.67 0.00
HOLTSVILLE_IC_3 23692	48.65 2.44 0.00	46.76 2.13 0.00	39.50 1.83 0.00	38.74 1.77 0.00	41.03 1.98 0.00	39.18 1.78 0.00	38.37 2.00 0.00	35.34 2.13 0.00	48.96 2.85 0.00	55.98 3.41 0.00	60.14 3.78 0.00	62.20 4.18 0.00	63.75 4.28 -2.48	71.50 4.06 -16.06	71.50 4.25 -15.85	60.60 3.12 -18.17	52.79 3.10 -10.31	56.01 3.17 -13.51	56.41 2.85 -18.52	43.58 3.24 0.00	44.88 3.17 -0.06	44.77 3.08 -3.91	39.43 2.62 -1.48	43.05 2.67 0.00
HOLTSVILLE_IC_4 23693	48.65 2.44 0.00	46.76 2.13 0.00	39.50 1.83 0.00	38.74 1.77 0.00	41.03 1.98 0.00	39.18 1.78 0.00	38.37 2.00 0.00	35.34 2.13 0.00	48.96 2.85 0.00	55.98 3.41 0.00	60.14 3.78 0.00	62.20 4.18 0.00	63.75 4.28 -2.48	71.50 4.06 -16.06	71.50 4.25 -15.85	60.60 3.12 -18.17	52.79 3.10 -10.31	56.01 3.17 -13.51	56.41 2.85 -18.52	43.58 3.24 0.00	44.88 3.17 -0.06	44.77 3.08 -3.91	39.43 2.62 -1.48	43.05 2.67 0.00
HOLTSVILLE_IC_5 23694	48.65 2.44 0.00	46.76 2.13 0.00	39.50 1.83 0.00	38.74 1.77 0.00	41.03 1.98 0.00	39.18 1.78 0.00	38.37 2.00 0.00	35.34 2.13 0.00	48.96 2.85 0.00	55.98 3.41 0.00	60.14 3.78 0.00	62.20 4.18 0.00	63.75 4.28 -2.48	71.50 4.06 -16.06	71.50 4.25 -15.85	60.60 3.12 -18.17	52.79 3.10 -10.31	56.01 3.17 -13.51	56.41 2.85 -18.52	43.58 3.24 0.00	44.88 3.17 -0.06	44.77 3.08 -3.91	39.43 2.62 -1.48	43.05 2.67 0.00
HOLTSVILLE_IC_6 23695	48.84 2.63 0.00	46.93 2.30 0.00	39.63 1.96 0.00	38.86 1.90 0.00	41.19 2.14 0.00	39.33 1.93 0.00	38.53 2.15 0.00	35.48 2.27 0.00	49.20 3.08 0.00	56.26 3.69 0.00	60.44 4.08 0.00	62.55 4.53 0.00	64.89 4.60 -3.30	71.95 4.36 -16.20	71.96 4.58 -15.99	60.96 3.33 -18.32	53.09 3.31 -10.39	56.33 3.37 -13.61	56.74 3.04 -18.67	43.79 3.46 0.00	45.09 3.39 -0.06	44.99 3.28 -3.92	39.61 2.80 -1.48	43.25 2.87 0.00
HOLTSVILLE_IC_7 23696	48.84 2.63 0.00	46.93 2.30 0.00	39.63 1.96 0.00	38.86 1.90 0.00	41.19 2.14 0.00	39.33 1.93 0.00	38.53 2.15 0.00	35.48 2.27 0.00	49.20 3.08 0.00	56.26 3.69 0.00	60.44 4.08 0.00	62.55 4.53 0.00	64.89 4.60 -3.30	71.95 4.36 -16.20	71.96 4.58 -15.99	60.96 3.33 -18.32	53.09 3.31 -10.39	56.33 3.37 -13.61	56.74 3.04 -18.67	43.79 3.46 0.00	45.09 3.39 -0.06	44.99 3.28 -3.92	39.61 2.80 -1.48	43.25 2.87 0.00
HOLTSVILLE_IC_8 23697	48.84 2.63 0.00	46.93 2.30 0.00	39.63 1.96 0.00	38.86 1.90 0.00	41.19 2.14 0.00	39.33 1.93 0.00	38.53 2.15 0.00	35.48 2.27 0.00	49.20 3.08 0.00	56.26 3.69 0.00	60.44 4.08 0.00	62.55 4.53 0.00	64.89 4.60 -3.30	71.95 4.36 -16.20	71.96 4.58 -15.99	60.96 3.33 -18.32	53.09 3.31 -10.39	56.33 3.37 -13.61	56.74 3.04 -18.67	43.79 3.46 0.00	45.09 3.39 -0.06	44.99 3.28 -3.92	39.61 2.80 -1.48	43.25 2.87 0.00
HOLTSVILLE_IC_9 23698	48.84 2.63 0.00	46.93 2.30 0.00	39.63 1.96 0.00	38.86 1.90 0.00	41.19 2.14 0.00	39.33 1.93 0.00	38.53 2.15 0.00	35.48 2.27 0.00	49.20 3.08 0.00	56.26 3.69 0.00	60.44 4.08 0.00	62.55 4.53 0.00	64.89 4.60 -3.30	71.95 4.36 -16.20	71.96 4.58 -15.99	60.96 3.33 -18.32	53.09 3.31 -10.39	56.33 3.37 -13.61	56.74 3.04 -18.67	43.79 3.46 0.00	45.09 3.39 -0.06	44.99 3.28 -3.92	39.61 2.80 -1.48	43.25 2.87 0.00
HOMER_HL_115KV_TB2 355744	45.78 -0.43 0.00	44.06 -0.57 0.00	37.04 -0.63 0.00	36.41 -0.55 0.00	38.42 -0.62 0.00	37.17 -0.23 0.00	36.20 -0.18 0.00	32.45 -0.76 0.00	45.40 -0.71 0.00	51.33 -1.25 0.00	54.93 -1.43 0.00	55.97 -2.05 0.00	54.76 -2.23 0.00	49.30 -2.10 0.00	49.23 -1.69 0.47	38.35 -0.96 0.00	38.41 -0.97 0.00	38.22 -1.13 0.00	34.16 -0.87 0.00	39.16 -1.17 0.00	40.51 -1.14 -0.01	37.01 -1.08 -0.31	34.63 -0.96 -0.25	39.84 -0.54 0.00
HOWARD_WT_PWR 323690	45.54 -0.67 0.00	43.86 -0.77 0.00	36.68 -0.99 0.00	35.84 -1.12 0.00	37.95 -1.10 0.00	36.83 -0.57 0.00	36.27 -0.11 0.00	33.02 -0.19 0.00	46.34 0.23 0.00	52.65 0.08 0.00	56.40 0.04 0.00	57.38 -0.64 0.00	55.22 -1.77 0.00	48.64 -2.75 0.00	47.58 -2.84 0.97	37.12 -2.19 0.00	37.55 -1.84 0.00	37.53 -1.82 0.00	33.88 -1.15 0.00	38.76 -1.58 0.00	40.04 -1.61 -0.01	36.63 -1.51 -0.36	34.43 -1.19 -0.28	39.47 -0.91 0.00

HQ_GEN_CEDARS 23644	47.64 1.44 0.00	46.30 1.67 0.00	38.93 1.26 0.00	38.30 1.34 0.00	40.36 1.32 0.00	38.68 1.28 0.00	37.81 1.44 0.00	34.17 0.95 0.00	47.89 1.78 0.00	54.41 1.84 0.00	57.43 1.07 0.00	58.25 0.24 0.00	57.04 0.05 0.00	51.14 -0.25 0.00	51.56 0.17 0.00	39.41 0.10 0.00	39.77 0.38 0.00	39.69 0.35 0.00	35.00 -0.03 0.00	40.32 -0.02 0.00	41.68 0.04 0.00	37.87 0.05 -0.03	35.49 0.13 -0.02	41.35 0.97 0.00
HQ_GEN_CEDARS_PROXY 323590	47.64 1.43 0.00	46.30 1.67 0.00	38.93 1.26 0.00	38.31 1.34 0.00	40.36 1.32 0.00	37.11 1.28 1.58	37.45 1.45 0.37	34.18 0.96 0.00	47.89 1.78 0.00	54.41 1.84 0.00	57.43 1.07 0.00	58.26 0.24 0.00	57.03 0.04 0.00	51.18 -0.21 0.00	51.57 0.17 0.00	39.41 0.10 0.00	39.77 0.38 0.00	39.69 0.35 0.00	35.00 -0.03 0.00	39.50 -0.01 0.82	41.68 0.04 0.00	37.87 0.05 -0.03	35.50 0.14 -0.02	41.36 0.98 0.00
HQ_GEN_IMPORT 323601	46.21 0.00 0.00	44.63 0.00 0.00	37.67 0.00 0.00	36.96 0.00 0.00	39.04 0.00 0.00	37.53 0.00 -0.13	36.37 0.00 0.00	33.21 0.00 0.00	46.11 0.00 0.00	52.58 0.00 0.00	56.36 0.00 0.00	58.02 0.00 0.00	56.99 0.00 0.00	51.39 0.00 0.00	51.40 0.00 0.00	39.31 0.00 0.00	39.39 0.00 0.00	39.34 0.00 0.00	35.03 0.00 0.00	40.34 0.00 0.00	41.64 0.00 0.00	37.78 0.00 0.00	35.34 0.00 0.00	40.38 0.00 0.00
HQ_GEN_WHEEL 23651	46.21 0.00 0.00	44.63 0.00 0.00	37.67 0.00 0.00	36.96 0.00 0.00	39.04 0.00 0.00	37.53 0.00 -0.13	36.37 0.00 0.00	33.21 0.00 0.00	46.11 0.00 0.00	52.58 0.00 0.00	56.36 0.00 0.00	58.02 0.00 0.00	56.99 0.00 0.00	51.39 0.00 0.00	51.40 0.00 0.00	39.31 0.00 0.00	39.39 0.00 0.00	39.34 0.00 0.00	35.03 0.00 0.00	40.34 0.00 0.00	41.64 0.00 0.00	37.78 0.00 0.00	35.34 0.00 0.00	40.38 0.00 0.00
HUDSON AVE_GT_3 23810	48.19 1.98 0.00	46.48 1.85 0.00	39.23 1.56 0.00	38.52 1.56 0.00	40.64 1.60 0.00	38.83 1.43 0.00	37.89 1.52 0.00	34.81 1.60 0.00	48.37 2.25 0.00	55.15 2.57 0.00	59.26 2.90 0.00	61.36 3.35 0.00	60.45 3.46 0.00	54.65 3.26 0.00	54.60 3.18 -0.03	41.77 2.46 0.00	41.95 2.56 0.00	42.03 2.68 0.00	37.36 2.32 0.00	43.00 2.67 0.00	44.43 2.73 -0.06	42.18 2.54 -1.85	39.02 2.21 -1.48	42.59 2.20 0.00
HUDSON AVE_GT_4 23540	48.19 1.98 0.00	46.48 1.85 0.00	39.23 1.56 0.00	38.52 1.56 0.00	40.64 1.60 0.00	38.83 1.43 0.00	37.89 1.52 0.00	34.81 1.60 0.00	48.37 2.25 0.00	55.15 2.57 0.00	59.26 2.90 0.00	61.36 3.35 0.00	60.45 3.46 0.00	54.65 3.26 0.00	54.60 3.18 -0.03	41.77 2.46 0.00	41.95 2.56 0.00	42.03 2.68 0.00	37.36 2.32 0.00	43.00 2.67 0.00	44.43 2.73 -0.06	42.18 2.54 -1.85	39.02 2.21 -1.48	42.59 2.20 0.00
HUDSON AVE_GT_5 23657	48.19 1.98 0.00	46.48 1.85 0.00	39.23 1.56 0.00	38.52 1.56 0.00	40.64 1.60 0.00	38.83 1.43 0.00	37.89 1.52 0.00	34.81 1.60 0.00	48.37 2.25 0.00	55.15 2.57 0.00	59.26 2.90 0.00	61.36 3.35 0.00	60.45 3.46 0.00	54.65 3.26 0.00	54.60 3.18 -0.03	41.77 2.46 0.00	41.95 2.56 0.00	42.03 2.68 0.00	37.36 2.32 0.00	43.00 2.67 0.00	44.43 2.73 -0.06	42.18 2.54 -1.85	39.02 2.21 -1.48	42.59 2.20 0.00
HUDSON_AVE_10 24168	47.97 1.76 0.00	46.27 1.65 0.00	39.08 1.41 0.00	38.38 1.42 0.00	40.50 1.46 0.00	38.67 1.27 0.00	37.76 1.38 0.00	34.67 1.46 0.00	48.15 2.03 0.00	54.89 2.31 0.00	58.99 2.63 0.00	61.09 3.08 0.00	86.73 3.18 -26.56	55.07 3.00 -0.68	54.82 2.92 -0.51	41.95 2.26 -0.38	42.00 2.38 -0.23	42.08 2.48 -0.26	37.36 2.15 -0.18	42.82 2.48 0.00	44.25 2.55 -0.06	42.01 2.37 -1.85	38.87 2.06 -1.48	42.41 2.03 0.00
HUDSON___115KV_TB 4 355613	48.49 2.28 0.00	46.84 2.21 0.00	39.59 1.92 0.00	38.84 1.89 0.00	41.06 2.01 0.00	39.29 1.89 0.00	38.14 1.77 0.00	34.94 1.73 0.00	48.30 2.19 0.00	55.21 2.64 0.00	59.24 2.88 0.00	61.04 3.02 0.00	59.99 3.00 0.00	54.12 2.73 0.00	54.13 2.70 -0.03	41.36 2.04 0.00	41.33 1.94 0.00	41.25 1.91 0.00	36.79 1.76 0.00	42.56 2.23 0.00	44.00 2.29 -0.07	42.04 2.11 -2.15	39.11 2.06 -1.71	42.54 2.16 0.00
HUNTER MOUNT___DRP 323613	48.86 2.65 0.00	47.19 2.56 0.00	39.91 2.24 0.00	39.14 2.18 0.00	41.39 2.35 0.00	39.62 2.22 0.00	38.47 2.09 0.00	35.24 2.03 0.00	48.75 2.63 0.00	55.76 3.18 0.00	59.83 3.47 0.00	61.59 3.57 0.00	60.51 3.52 0.00	54.56 3.18 0.00	54.57 3.15 -0.03	41.67 2.36 0.00	41.63 2.25 0.00	41.52 2.18 0.00	37.04 2.01 0.00	42.86 2.52 0.00	44.29 2.58 -0.07	42.23 2.35 -2.10	39.33 2.32 -1.67	42.85 2.47 0.00
HUNTINGTON_RES_REC 323705	48.40 2.19 0.00	46.53 1.91 0.00	39.30 1.63 0.00	38.54 1.58 0.00	40.80 1.76 0.00	38.96 1.56 0.00	38.20 1.83 0.00	35.21 2.00 0.00	48.80 2.68 0.00	55.81 3.23 0.00	60.03 3.66 0.00	62.11 4.09 0.00	64.48 4.19 -3.30	71.60 3.95 -16.26	71.53 4.08 -16.05	60.69 2.99 -18.39	52.81 2.98 -10.43	56.07 3.05 -13.67	56.50 2.72 -18.74	43.43 3.09 0.00	44.71 3.01 -0.06	44.64 2.92 -3.93	39.28 2.47 -1.48	42.89 2.51 0.00
HUNTLEY___63 23557	44.42 -1.79 0.00	42.73 -1.90 0.00	35.91 -1.76 0.00	35.32 -1.65 0.00	37.23 -1.81 0.00	36.07 -1.33 0.00	35.05 -1.32 0.00	31.44 -1.78 0.00	43.96 -2.16 0.00	49.67 -2.90 0.00	52.95 -3.41 0.00	53.46 -4.56 0.00	52.25 -4.74 0.00	47.01 -4.38 0.00	46.86 -4.20 0.34	36.50 -2.82 0.00	36.68 -2.71 0.00	36.41 -2.93 0.00	32.32 -2.71 0.00	37.01 -3.33 0.00	38.22 -3.43 -0.01	34.88 -3.16 -0.26	33.10 -2.45 -0.21	38.46 -1.93 0.00
HUNTLEY___64 23558	44.42 -1.79 0.00	42.73 -1.90 0.00	35.91 -1.76 0.00	35.32 -1.65 0.00	37.23 -1.81 0.00	36.07 -1.33 0.00	35.05 -1.32 0.00	31.44 -1.78 0.00	43.96 -2.16 0.00	49.67 -2.90 0.00	52.95 -3.41 0.00	53.46 -4.56 0.00	52.25 -4.74 0.00	47.01 -4.38 0.00	46.86 -4.20 0.34	36.50 -2.82 0.00	36.68 -2.71 0.00	36.41 -2.93 0.00	32.32 -2.71 0.00	37.01 -3.33 0.00	38.22 -3.43 -0.01	34.88 -3.16 -0.26	33.10 -2.45 -0.21	38.46 -1.93 0.00
HUNTLEY___65 23559	44.42 -1.79 0.00	42.73 -1.90 0.00	35.91 -1.76 0.00	35.32 -1.65 0.00	37.23 -1.81 0.00	36.07 -1.33 0.00	35.05 -1.32 0.00	31.44 -1.78 0.00	43.96 -2.16 0.00	49.67 -2.90 0.00	52.95 -3.41 0.00	53.46 -4.56 0.00	52.25 -4.74 0.00	47.01 -4.38 0.00	46.86 -4.20 0.34	36.50 -2.82 0.00	36.68 -2.71 0.00	36.41 -2.93 0.00	32.32 -2.71 0.00	37.01 -3.33 0.00	38.22 -3.43 -0.01	34.88 -3.16 -0.26	33.10 -2.45 -0.21	38.46 -1.93 0.00
HUNTLEY___66 23560	44.42 -1.79 0.00	42.73 -1.90 0.00	35.91 -1.76 0.00	35.32 -1.65 0.00	37.23 -1.81 0.00	36.07 -1.33 0.00	35.05 -1.32 0.00	31.44 -1.78 0.00	43.96 -2.16 0.00	49.67 -2.90 0.00	52.95 -3.41 0.00	53.46 -4.56 0.00	52.25 -4.74 0.00	47.01 -4.38 0.00	46.86 -4.20 0.34	36.50 -2.82 0.00	36.68 -2.71 0.00	36.41 -2.93 0.00	32.32 -2.71 0.00	37.01 -3.33 0.00	38.22 -3.43 -0.01	34.88 -3.16 -0.26	33.10 -2.45 -0.21	38.46 -1.93 0.00

HUNTLEY___67 23561	44.23 -1.98 0.00	42.55 -2.08 0.00	35.77 -1.90 0.00	35.19 -1.77 0.00	37.12 -1.93 0.00	35.94 -1.46 0.00	34.94 -1.43 0.00	31.34 -1.87 0.00	43.83 -2.29 0.00	49.51 -3.07 0.00	52.79 -3.57 0.00	53.31 -4.70 0.00	52.08 -4.91 0.00	46.84 -4.55 0.00	46.70 -4.34 0.36	36.39 -2.93 0.00	36.54 -2.85 0.00	36.28 -3.06 0.00	32.20 -2.83 0.00	36.88 -3.45 0.00	38.09 -3.56 -0.01	34.78 -3.27 -0.26	32.96 -2.58 -0.21	38.28 -2.10 0.00
HUNTLEY___68 23562	44.23 -1.98 0.00	42.55 -2.08 0.00	35.77 -1.90 0.00	35.19 -1.77 0.00	37.12 -1.93 0.00	35.94 -1.46 0.00	34.94 -1.43 0.00	31.34 -1.87 0.00	43.83 -2.29 0.00	49.51 -3.07 0.00	52.79 -3.57 0.00	53.31 -4.70 0.00	52.08 -4.91 0.00	46.84 -4.55 0.00	46.70 -4.34 0.36	36.39 -2.93 0.00	36.54 -2.85 0.00	36.28 -3.06 0.00	32.20 -2.83 0.00	36.88 -3.45 0.00	38.09 -3.56 -0.01	34.78 -3.27 -0.26	32.96 -2.58 -0.21	38.28 -2.10 0.00
HYLAND___LFGE 323620	46.84 0.73 0.10	45.17 0.54 0.00	37.90 0.23 0.00	37.14 0.18 0.00	39.28 0.25 0.00	37.85 0.64 0.19	37.25 0.88 0.00	33.79 0.61 0.04	47.47 1.36 0.00	53.92 1.35 0.00	57.58 1.26 0.04	58.49 0.47 0.00	56.61 -0.38 0.00	50.40 -1.00 0.00	49.97 -0.87 0.55	38.89 -0.42 0.00	39.23 -0.16 0.00	39.17 -0.17 0.00	35.04 0.01 0.00	40.22 -0.12 0.00	41.54 -0.11 -0.01	37.89 -0.19 -0.29	35.53 0.02 -0.18	40.79 0.44 0.03
INDECK___CORINTH 23802	48.94 2.73 0.00	47.31 2.69 0.00	40.02 2.36 0.00	39.29 2.33 0.00	41.56 2.52 0.00	39.82 2.42 0.00	38.95 2.58 0.00	35.64 2.42 0.00	49.58 3.46 0.00	56.51 3.94 0.00	60.63 4.27 0.00	62.40 4.38 0.00	61.35 4.36 0.00	55.29 3.90 0.00	55.32 3.90 -0.03	42.20 2.89 0.00	42.13 2.74 0.00	42.07 2.73 0.00	37.50 2.47 0.00	43.29 2.95 0.00	44.84 3.12 -0.07	42.76 2.71 -2.27	39.50 2.35 -1.81	42.89 2.51 0.00
INDECK___ILION 23567	46.73 0.52 0.00	45.16 0.53 0.00	38.11 0.44 0.00	37.38 0.42 0.00	39.47 0.43 0.00	37.74 0.34 0.00	36.70 0.32 0.00	33.57 0.36 0.00	46.65 0.54 0.00	53.22 0.65 0.00	57.16 0.79 0.00	58.97 0.95 0.00	57.96 0.97 0.00	52.34 0.95 0.00	52.36 0.96 0.00	39.94 0.63 0.00	39.92 0.53 0.00	39.83 0.49 0.00	35.44 0.41 0.00	40.86 0.53 0.00	42.17 0.53 0.00	38.30 0.52 0.00	35.80 0.46 0.00	40.76 0.38 0.00
INDECK___OLEAN 23982	44.86 -0.42 0.93	44.06 -0.57 0.00	37.01 -0.66 0.00	36.35 -0.59 0.01	38.37 -0.63 0.05	35.40 -0.24 1.77	36.17 -0.20 0.00	32.09 -0.76 0.36	45.40 -0.71 0.00	51.33 -1.25 0.00	54.58 -1.43 0.35	55.98 -2.03 0.00	54.78 -2.21 0.00	49.28 -2.11 0.00	49.12 -1.71 0.57	38.34 -0.97 0.00	38.42 -0.96 0.00	38.21 -1.13 0.00	34.16 -0.87 0.00	39.15 -1.19 0.00	40.51 -1.14 -0.01	37.01 -1.08 -0.31	34.09 -0.99 0.26	39.55 -0.54 0.29
INDECK___OSWEGO 23783	45.02 -1.18 0.00	43.46 -1.17 0.00	36.65 -1.02 0.00	35.96 -1.00 0.00	37.99 -1.05 0.00	36.43 -0.97 0.00	35.33 -1.05 0.00	32.19 -1.02 0.00	44.70 -1.42 0.00	50.96 -1.61 0.00	54.66 -1.70 0.00	56.21 -1.81 0.00	55.17 -1.82 0.00	49.70 -1.69 0.00	49.67 -1.73 0.00	38.02 -1.29 0.00	38.09 -1.30 0.00	38.03 -1.31 0.00	33.87 -1.16 0.00	39.00 -1.34 0.00	40.26 -1.39 0.00	36.63 -1.29 -0.13	34.28 -1.17 -0.11	39.17 -1.21 0.00
INDECK___YERKES 23781	43.85 -1.75 0.61	42.76 -1.86 0.00	35.90 -1.77 0.00	35.28 -1.67 0.01	37.22 -1.79 0.03	34.91 -1.32 1.16	35.08 -1.30 0.00	31.23 -1.74 0.24	43.99 -2.13 0.00	49.71 -2.87 0.00	52.76 -3.37 0.23	53.52 -4.49 0.00	52.30 -4.69 0.00	47.02 -4.37 0.00	46.81 -4.19 0.41	36.51 -2.80 0.00	36.70 -2.69 0.00	36.43 -2.91 0.00	32.34 -2.69 0.00	37.02 -3.32 0.00	38.25 -3.40 -0.01	34.91 -3.14 -0.26	32.77 -2.45 0.13	38.28 -1.91 0.19
INDIAN POINT_GT_1 24139	47.82 1.61 0.00	46.12 1.49 0.00	38.92 1.26 0.00	38.22 1.26 0.00	40.34 1.29 0.00	38.58 1.18 0.00	37.68 1.31 0.00	34.61 1.40 0.00	48.09 1.98 0.00	54.85 2.28 0.00	58.92 2.55 0.00	60.98 2.96 0.00	60.05 3.06 0.00	54.24 2.84 0.00	54.17 2.75 -0.03	41.40 2.08 0.00	41.58 2.19 0.00	41.67 2.33 0.00	37.08 2.05 0.00	42.66 2.32 0.00	44.07 2.36 -0.06	41.78 2.16 -1.84	38.63 1.83 -1.46	42.18 1.80 0.00
INDIAN POINT_GT_2 23659	47.82 1.61 0.00	46.12 1.49 0.00	38.92 1.26 0.00	38.22 1.26 0.00	40.34 1.29 0.00	38.58 1.18 0.00	37.68 1.31 0.00	34.61 1.40 0.00	48.09 1.98 0.00	54.85 2.28 0.00	58.92 2.55 0.00	60.98 2.96 0.00	60.05 3.06 0.00	54.24 2.84 0.00	54.17 2.75 -0.03	41.40 2.08 0.00	41.58 2.19 0.00	41.67 2.33 0.00	37.08 2.05 0.00	42.66 2.32 0.00	44.07 2.36 -0.06	41.78 2.16 -1.84	38.63 1.83 -1.46	42.18 1.80 0.00
INDIAN POINT_GT_3 24019	47.82 1.61 0.00	46.12 1.49 0.00	38.92 1.26 0.00	38.22 1.26 0.00	40.34 1.29 0.00	38.58 1.18 0.00	37.68 1.31 0.00	34.61 1.40 0.00	48.09 1.98 0.00	54.85 2.28 0.00	58.92 2.55 0.00	60.98 2.96 0.00	60.05 3.06 0.00	54.24 2.84 0.00	54.17 2.75 -0.03	41.40 2.08 0.00	41.58 2.19 0.00	41.67 2.33 0.00	37.08 2.05 0.00	42.66 2.32 0.00	44.07 2.36 -0.06	41.78 2.16 -1.84	38.63 1.83 -1.46	42.18 1.80 0.00
INDIAN POINT___2 23530	47.74 1.53 0.00	46.05 1.42 0.00	38.89 1.22 0.00	38.19 1.23 0.00	40.29 1.25 0.00	38.55 1.15 0.00	37.65 1.27 0.00	34.57 1.35 0.00	48.03 1.92 0.00	54.79 2.21 0.00	58.83 2.47 0.00	60.91 2.89 0.00	59.96 2.97 0.00	54.18 2.79 0.00	54.11 2.69 -0.03	41.34 2.03 0.00	41.53 2.14 0.00	41.64 2.30 0.00	37.07 2.04 0.00	42.62 2.29 0.00	44.03 2.33 -0.06	41.73 2.13 -1.82	38.58 1.80 -1.45	42.14 1.76 0.00
INDIAN POINT___3 23531	47.77 1.56 0.00	46.07 1.44 0.00	38.91 1.24 0.00	38.20 1.24 0.00	40.32 1.28 0.00	38.57 1.16 0.00	37.66 1.29 0.00	34.59 1.37 0.00	48.05 1.94 0.00	54.82 2.25 0.00	58.86 2.51 0.00	60.94 2.92 0.00	59.99 3.00 0.00	54.20 2.81 0.00	54.13 2.70 -0.03	41.36 2.05 0.00	41.54 2.15 0.00	41.63 2.29 0.00	37.06 2.03 0.00	42.62 2.28 0.00	44.03 2.33 -0.06	41.75 2.13 -1.84	38.61 1.81 -1.47	42.16 1.78 0.00
INGHAM_C_115KV_TB7 356103	46.93 0.72 0.00	45.40 0.77 0.00	38.31 0.64 0.00	37.56 0.59 0.00	39.63 0.58 0.00	37.74 0.34 0.00	36.68 0.30 0.00	33.64 0.42 0.00	46.74 0.63 0.00	53.35 0.78 0.00	57.47 1.10 0.00	59.45 1.43 0.00	58.56 1.57 0.00	53.00 1.61 0.00	53.05 1.66 0.00	40.34 1.02 0.00	40.17 0.78 0.00	40.03 0.69 0.00	35.60 0.57 0.00	41.11 0.77 0.00	42.41 0.78 0.00	38.56 0.77 0.00	36.03 0.69 0.00	40.79 0.41 0.00
IP CORINTH___1 23988	48.94 2.73 0.00	47.31 2.68 0.00	40.02 2.36 0.00	39.29 2.33 0.00	41.56 2.52 0.00	39.82 2.42 0.00	38.96 2.58 0.00	35.64 2.42 0.00	49.58 3.47 0.00	56.51 3.94 0.00	60.63 4.27 0.00	62.40 4.38 0.00	61.35 4.36 0.00	55.29 3.90 0.00	55.32 3.90 -0.03	42.20 2.89 0.00	42.13 2.74 0.00	42.07 2.73 0.00	37.50 2.47 0.00	43.28 2.95 0.00	44.84 3.12 -0.07	42.76 2.71 -2.27	39.49 2.35 -1.81	42.89 2.51 0.00

IP___TICONDEROGA 23804	50.53 4.32 0.00	48.83 4.20 0.00	41.46 3.79 0.00	40.73 3.77 0.00	43.19 4.15 0.00	41.48 4.08 0.00	40.92 4.55 0.00	37.21 3.99 0.00	51.93 5.82 0.00	59.26 6.68 0.00	63.53 7.17 0.00	65.62 7.59 0.00	64.46 7.47 0.00	58.04 6.64 0.00	58.33 6.90 -0.03	44.39 5.07 0.00	44.10 4.71 0.00	44.08 4.74 0.00	39.50 4.47 0.00	45.62 5.29 0.00	47.39 5.68 -0.07	44.90 4.85 -2.27	41.18 4.04 -1.81	44.57 4.19 0.00
ISLIP_RES_REC 323679	48.99 2.79 0.00	47.06 2.43 0.00	39.74 2.07 0.00	38.97 2.01 0.00	41.30 2.25 0.00	39.43 2.03 0.00	38.64 2.26 0.00	35.59 2.38 0.00	49.37 3.25 0.00	56.48 3.90 0.00	60.68 4.31 0.00	62.81 4.79 0.00	65.74 4.87 -3.88	72.26 4.58 -16.29	72.29 4.82 -16.07	61.23 3.50 -18.41	53.31 3.47 -10.44	56.55 3.53 -13.68	56.97 3.18 -18.76	43.94 3.61 0.00	45.25 3.55 -0.06	45.13 3.42 -3.93	39.73 2.91 -1.48	43.39 3.01 0.00
JAMAICA__27_KV_LOAD 355505	48.18 1.97 0.00	46.51 1.89 0.00	39.32 1.65 0.00	38.62 1.66 0.00	40.76 1.71 0.00	38.91 1.50 0.00	38.00 1.62 0.00	34.82 1.61 0.00	48.33 2.21 0.00	55.03 2.46 0.00	59.24 2.88 0.00	61.30 3.28 0.00	92.95 3.38 -32.58	55.39 3.17 -0.84	55.12 3.10 -0.62	42.20 2.42 -0.47	42.22 2.55 -0.28	42.30 2.65 -0.31	37.50 2.25 -0.22	43.01 2.67 0.00	44.42 2.72 -0.06	42.18 2.54 -1.85	39.05 2.24 -1.48	42.60 2.22 0.00
JANIS___SOLAR 323808	48.09 1.73 -0.15	46.18 1.56 0.00	38.83 1.16 0.00	38.02 1.06 0.00	40.12 1.06 -0.01	38.69 0.99 -0.29	37.51 1.13 0.00	34.33 1.05 -0.06	48.01 1.89 0.00	54.95 2.37 0.00	59.34 2.92 -0.06	61.21 3.19 0.00	59.79 2.81 0.00	53.54 2.15 0.00	54.37 2.08 -0.90	40.78 1.46 0.00	40.82 1.43 0.00	40.65 1.31 0.00	36.11 1.08 0.00	41.48 1.14 0.00	42.99 1.34 -0.02	39.45 1.19 -0.47	36.88 1.08 -0.46	41.58 1.15 -0.05
JARVIS____ 23743	46.36 0.16 0.00	44.80 0.18 0.00	37.82 0.15 0.00	37.11 0.15 0.00	39.20 0.16 0.00	37.54 0.14 0.00	36.52 0.15 0.00	33.34 0.13 0.00	46.30 0.18 0.00	52.79 0.22 0.00	56.59 0.23 0.00	58.25 0.23 0.00	57.22 0.23 0.00	51.61 0.21 0.00	51.63 0.24 0.00	39.47 0.16 0.00	39.55 0.16 0.00	39.46 0.12 0.00	35.14 0.10 0.00	40.49 0.15 0.00	41.80 0.16 0.00	37.94 0.15 0.00	35.48 0.14 0.00	40.54 0.16 0.00
JENNISON___1 23625	48.10 1.89 0.00	46.42 1.79 0.00	38.74 1.07 0.00	37.71 0.75 0.00	39.62 0.58 0.00	37.65 0.25 0.00	36.78 0.41 0.00	33.58 0.36 0.00	47.25 1.14 0.00	54.37 1.79 0.00	59.25 2.89 0.00	61.67 3.65 0.00	60.16 3.17 0.00	53.74 2.36 0.00	54.01 2.36 -0.26	40.51 1.20 0.00	40.55 1.16 0.00	40.12 0.77 0.00	35.63 0.59 0.00	40.93 0.60 0.00	42.55 0.89 -0.02	39.33 0.93 -0.61	36.77 0.94 -0.49	41.23 0.85 0.00
JENNISON___2 23626	48.10 1.89 0.00	46.42 1.79 0.00	38.74 1.07 0.00	37.71 0.75 0.00	39.62 0.58 0.00	37.65 0.25 0.00	36.78 0.41 0.00	33.58 0.36 0.00	47.25 1.14 0.00	54.37 1.79 0.00	59.25 2.89 0.00	61.67 3.65 0.00	60.16 3.17 0.00	53.74 2.36 0.00	54.01 2.36 -0.26	40.51 1.20 0.00	40.55 1.16 0.00	40.12 0.77 0.00	35.63 0.59 0.00	40.93 0.60 0.00	42.55 0.89 -0.02	39.33 0.93 -0.61	36.77 0.94 -0.49	41.23 0.85 0.00
JERICHO_RISE_WT_PWR 323719	47.47 1.27 0.00	46.24 1.61 0.00	38.94 1.28 0.00	38.40 1.44 0.00	40.46 1.42 0.00	38.72 1.32 0.00	37.87 1.50 0.00	34.19 0.98 0.00	48.00 1.89 0.00	54.52 1.95 0.00	57.52 1.16 0.00	58.44 0.42 0.00	57.14 0.15 0.00	51.27 -0.12 0.00	51.74 0.34 0.00	39.54 0.23 0.00	39.86 0.47 0.00	39.82 0.48 0.00	35.08 0.05 0.00	40.38 0.05 0.00	41.67 0.03 0.00	37.85 0.06 0.00	35.43 0.09 0.00	41.25 0.86 0.00
KATONAH___115KV_46KV_TB4 355592	48.14 1.94 0.00	46.42 1.79 0.00	39.17 1.50 0.00	38.46 1.50 0.00	40.60 1.55 0.00	38.84 1.43 0.00	37.95 1.58 0.00	34.87 1.66 0.00	48.48 2.36 0.00	55.36 2.78 0.00	59.49 3.13 0.00	61.59 3.57 0.00	60.62 3.63 0.00	54.74 3.35 0.00	54.65 3.23 -0.03	41.76 2.45 0.00	41.92 2.53 0.00	41.97 2.62 0.00	37.33 2.30 0.00	42.95 2.61 0.00	44.37 2.67 -0.06	42.09 2.43 -1.87	38.94 2.11 -1.49	42.50 2.12 0.00
KCE_NY_1 323755	48.50 2.29 0.00	46.84 2.21 0.00	39.59 1.92 0.00	38.85 1.89 0.00	41.08 2.04 0.00	39.35 1.95 0.00	38.43 2.06 0.00	35.16 1.95 0.00	48.92 2.81 0.00	55.79 3.21 0.00	59.88 3.52 0.00	61.60 3.58 0.00	60.58 3.59 0.00	54.60 3.21 0.00	54.62 3.19 -0.03	41.68 2.36 0.00	41.64 2.25 0.00	41.61 2.27 0.00	37.06 2.03 0.00	42.81 2.47 0.00	44.28 2.56 -0.07	42.31 2.26 -2.26	39.12 1.98 -1.80	42.47 2.09 0.00
KCE_NY_6_ESR 323823	44.29 -1.24 0.67	43.27 -1.36 0.00	36.36 -1.31 0.00	35.76 -1.20 0.01	37.68 -1.32 0.04	35.28 -0.83 1.28	35.52 -0.86 0.00	31.66 -1.29 0.26	44.62 -1.50 0.00	50.45 -2.12 0.00	53.59 -2.51 0.26	54.49 -3.53 0.00	53.15 -3.84 0.00	47.79 -3.61 0.00	47.48 -3.46 0.45	37.09 -2.22 0.00	37.17 -2.22 0.00	36.90 -2.45 0.00	32.75 -2.28 0.00	37.48 -2.86 0.00	38.72 -2.93 -0.01	35.37 -2.69 -0.27	33.12 -2.07 0.15	38.63 -1.54 0.21
KEDC_PORT_JEFF_GT2 24210	48.78 2.58 0.00	46.88 2.25 0.00	39.59 1.92 0.00	38.82 1.86 0.00	41.14 2.10 0.00	39.28 1.88 0.00	38.48 2.11 0.00	35.45 2.24 0.00	49.14 3.03 0.00	56.21 3.63 0.00	60.39 4.02 0.00	62.49 4.47 0.00	64.55 4.57 -3.00	71.86 4.31 -16.16	71.88 4.53 -15.95	60.89 3.30 -18.27	53.03 3.28 -10.36	56.27 3.34 -13.58	56.66 3.01 -18.63	43.76 3.43 0.00	45.05 3.35 -0.06	44.96 3.26 -3.92	39.58 2.77 -1.48	43.21 2.83 0.00
KEDC_PORT_JEFF_GT3 24211	48.78 2.58 0.00	46.88 2.25 0.00	39.59 1.92 0.00	38.82 1.86 0.00	41.14 2.10 0.00	39.28 1.88 0.00	38.48 2.11 0.00	35.45 2.24 0.00	49.14 3.03 0.00	56.21 3.63 0.00	60.39 4.02 0.00	62.49 4.47 0.00	64.55 4.57 -3.00	71.86 4.31 -16.16	71.88 4.53 -15.95	60.89 3.30 -18.27	53.03 3.28 -10.36	56.27 3.34 -13.58	56.66 3.01 -18.63	43.76 3.43 0.00	45.05 3.35 -0.06	44.96 3.26 -3.92	39.58 2.77 -1.48	43.21 2.83 0.00
KEDC_GLWD_GT4 24219	48.31 2.11 0.00	46.53 1.91 0.00	39.28 1.61 0.00	38.56 1.60 0.00	40.73 1.69 0.00	38.94 1.54 0.00	38.08 1.71 0.00	35.03 1.82 0.00	48.64 2.52 0.00	55.53 2.95 0.00	59.63 3.26 -0.01	61.72 3.70 0.00	139.54 3.81 -78.74	84.72 3.56 -29.76	83.75 3.52 -28.83	74.58 2.68 -32.59	60.68 2.76 -18.53	66.35 2.86 -24.14	70.19 2.51 -32.65	43.22 2.88 0.00	44.60 2.90 -0.06	45.91 2.71 -5.42	39.15 2.34 -1.48	42.75 2.37 0.00
KEDC_GLWD_GT5 24220	48.31 2.11 0.00	46.53 1.91 0.00	39.28 1.61 0.00	38.56 1.60 0.00	40.73 1.69 0.00	38.94 1.54 0.00	38.08 1.71 0.00	35.03 1.82 0.00	48.64 2.52 0.00	55.53 2.95 0.00	59.63 3.26 -0.01	61.72 3.70 0.00	139.54 3.81 -78.74	84.72 3.56 -29.76	83.75 3.52 -28.83	74.58 2.68 -32.59	60.68 2.76 -18.53	66.35 2.86 -24.14	70.19 2.51 -32.65	43.22 2.88 0.00	44.60 2.90 -0.06	45.91 2.71 -5.42	39.15 2.34 -1.48	42.75 2.37 0.00

KENSICO____ 23655	47.93 1.73 0.00	46.22 1.59 0.00	39.03 1.36 0.00	38.31 1.35 0.00	40.44 1.40 0.00	38.67 1.27 0.00	37.77 1.39 0.00	34.69 1.48 0.00	48.20 2.08 0.00	55.00 2.42 0.00	59.09 2.72 0.00	61.15 3.13 0.00	60.20 3.21 0.00	54.39 3.00 0.00	54.33 2.91 -0.03	41.52 2.21 0.00	41.70 2.31 0.00	41.78 2.44 0.00	37.18 2.15 0.00	42.76 2.42 0.00	44.18 2.48 -0.06	41.90 2.27 -1.85	38.76 1.95 -1.47	42.31 1.93 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	48.21 2.00 0.00	46.44 1.81 0.00	39.17 1.50 0.00	38.46 1.50 0.00	40.60 1.56 0.00	38.87 1.47 0.00	38.05 1.68 0.00	34.95 1.74 0.00	48.75 2.63 0.00	55.74 3.17 0.00	59.92 3.56 0.00	62.05 4.03 0.00	61.06 4.07 0.00	55.10 3.71 0.00	54.97 3.55 -0.02	41.97 2.66 0.00	42.14 2.75 0.00	42.18 2.84 0.00	37.53 2.49 0.00	43.09 2.75 0.00	44.52 2.82 -0.06	42.06 2.53 -1.74	38.87 2.14 -1.39	42.54 2.16 0.00
KIAC_JFK_GT1 23816	47.92 1.72 0.00	46.26 1.63 0.00	39.11 1.44 0.00	38.41 1.45 0.00	40.54 1.49 0.00	38.69 1.29 0.00	37.79 1.41 0.00	34.63 1.42 0.00	48.00 1.89 0.00	54.51 1.93 0.00	58.66 2.30 0.00	60.72 2.70 0.00	92.37 2.81 -32.58	54.87 2.64 -0.84	54.59 2.57 -0.62	41.80 2.02 -0.47	41.82 2.15 -0.28	41.90 2.24 -0.31	37.15 1.90 -0.22	42.75 2.41 0.00	44.17 2.47 -0.06	41.94 2.30 -1.85	38.84 2.03 -1.48	42.36 1.98 0.00
KIAC_JFK_GT2 23817	47.92 1.72 0.00	46.26 1.63 0.00	39.11 1.44 0.00	38.41 1.45 0.00	40.54 1.49 0.00	38.69 1.29 0.00	37.79 1.41 0.00	34.63 1.42 0.00	48.00 1.89 0.00	54.51 1.93 0.00	58.66 2.30 0.00	60.72 2.70 0.00	92.37 2.81 -32.58	54.87 2.64 -0.84	54.59 2.57 -0.62	41.80 2.02 -0.47	41.82 2.15 -0.28	41.90 2.24 -0.31	37.15 1.90 -0.22	42.75 2.41 0.00	44.17 2.47 -0.06	41.94 2.30 -1.85	38.84 2.03 -1.48	42.36 1.98 0.00
KIAC_JFK____ 323774	47.92 1.71 0.00	46.26 1.63 0.00	39.12 1.45 0.00	38.43 1.47 0.00	40.53 1.49 0.00	38.69 1.29 0.00	37.79 1.42 0.00	34.63 1.42 0.00	48.00 1.89 0.00	54.51 1.93 0.00	58.66 2.30 0.00	60.70 2.68 0.00	92.36 2.80 -32.58	54.87 2.64 -0.84	54.58 2.57 -0.62	41.80 2.02 -0.47	41.82 2.14 -0.28	41.90 2.24 -0.31	37.15 1.90 -0.22	42.75 2.41 0.00	44.17 2.47 -0.06	41.94 2.31 -1.85	38.84 2.02 -1.48	42.35 1.97 0.00
KINTIGH____ 23543	43.95 -2.26 0.00	42.30 -2.33 0.00	35.58 -2.09 0.00	35.00 -1.96 0.00	36.91 -2.13 0.00	35.67 -1.73 0.00	34.68 -1.70 0.00	31.18 -2.03 0.00	43.55 -2.56 0.00	49.28 -3.30 0.00	52.58 -3.78 0.00	53.30 -4.72 0.00	52.15 -4.84 0.00	46.95 -4.44 0.00	46.86 -4.26 0.27	36.39 -2.92 0.00	36.54 -2.85 0.00	36.33 -3.01 0.00	32.28 -2.75 0.00	37.02 -3.32 0.00	38.23 -3.42 -0.01	34.88 -3.13 -0.23	32.93 -2.59 -0.18	38.13 -2.25 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	48.41 2.21 0.00	47.12 2.49 0.00	39.71 2.04 0.00	39.16 2.20 0.00	41.24 2.20 0.00	39.47 2.08 0.00	38.62 2.25 0.00	34.86 1.65 0.00	49.04 2.93 0.00	55.71 3.13 0.00	58.81 2.45 0.00	59.95 1.94 0.00	58.49 1.50 0.00	52.42 1.03 0.00	52.96 1.56 0.00	40.44 1.12 0.00	40.72 1.33 0.00	40.72 1.38 0.00	35.89 0.86 0.00	41.32 0.98 0.00	42.61 0.97 0.00	38.69 0.91 0.00	36.11 0.77 0.00	41.98 1.59 0.00
LACHUTE__HYDRO 323717	50.53 4.32 0.00	48.83 4.20 0.00	41.46 3.79 0.00	40.73 3.77 0.00	43.19 4.15 0.00	41.48 4.08 0.00	40.92 4.54 0.00	37.20 3.99 0.00	51.93 5.82 0.00	59.26 6.68 0.00	63.53 7.17 0.00	65.61 7.60 0.00	64.46 7.47 0.00	58.04 6.64 0.00	58.33 6.90 -0.03	44.39 5.08 0.00	44.10 4.71 0.00	44.08 4.73 0.00	39.50 4.47 0.00	45.62 5.29 0.00	47.39 5.68 -0.07	44.90 4.84 -2.27	41.18 4.04 -1.81	44.57 4.19 0.00
LAWRNCV_115KV_TB1 80681	47.66 1.45 0.00	46.25 1.62 0.00	38.91 1.24 0.00	38.26 1.30 0.00	40.35 1.30 0.00	38.68 1.28 0.00	37.83 1.46 0.00	34.22 1.01 0.00	47.97 1.85 0.00	54.54 1.96 0.00	57.63 1.27 0.00	58.50 0.48 0.00	57.28 0.29 0.00	51.33 -0.06 0.00	51.70 0.31 0.00	39.51 0.20 0.00	39.86 0.47 0.00	39.77 0.43 0.00	35.09 0.06 0.00	40.45 0.12 0.00	41.81 0.17 0.00	37.98 0.16 -0.04	35.56 0.19 -0.03	41.37 0.99 0.00
LEDERLE____ 23769	47.91 1.70 0.00	46.19 1.56 0.00	39.01 1.34 0.00	38.30 1.34 0.00	40.42 1.37 0.00	38.68 1.28 0.00	37.79 1.41 0.00	34.71 1.50 0.00	48.23 2.12 0.00	55.01 2.44 0.00	59.06 2.70 0.00	61.15 3.13 0.00	60.20 3.21 0.00	54.40 3.01 0.00	54.30 2.88 -0.03	41.48 2.17 0.00	41.70 2.31 0.00	41.85 2.51 0.00	37.26 2.22 0.00	42.83 2.49 0.00	44.24 2.54 -0.06	41.88 2.30 -1.80	38.70 1.93 -1.43	42.29 1.91 0.00
LIGHTHSE_115KV_TB6 355974	45.55 -0.66 0.00	43.87 -0.76 0.00	37.00 -0.67 0.00	36.30 -0.66 0.00	38.39 -0.65 0.00	36.89 -0.51 0.00	35.83 -0.55 0.00	32.67 -0.55 0.00	45.41 -0.70 0.00	51.93 -0.65 0.00	55.72 -0.64 0.00	57.28 -0.73 0.00	56.23 -0.76 0.00	50.55 -0.85 0.00	50.43 -0.97 0.00	38.59 -0.73 0.00	38.61 -0.78 0.00	38.49 -0.86 0.00	34.28 -0.75 0.00	39.66 -0.67 0.00	40.93 -0.71 0.00	37.21 -0.70 -0.12	34.77 -0.66 -0.10	39.72 -0.66 0.00
LINDEN COGEN____ 23786	47.91 1.70 0.00	46.23 1.60 0.00	39.05 1.38 0.00	38.34 1.38 0.00	40.43 1.39 0.00	38.62 1.22 0.00	37.69 1.31 0.00	34.62 1.41 0.00	48.09 1.97 0.00	54.84 2.27 0.00	58.90 2.54 0.00	61.04 3.02 0.00	60.13 3.14 0.00	54.37 2.98 0.00	54.30 2.88 -0.03	41.53 2.22 0.00	41.73 2.34 0.00	41.83 2.49 0.00	37.19 2.16 0.00	42.79 2.45 0.00	44.22 2.52 -0.06	41.98 2.34 -1.85	38.80 1.99 -1.48	42.34 1.96 0.00
LINDHRST_69_KV_BK1 356055	48.82 2.62 0.00	46.96 2.34 0.00	39.62 1.95 0.00	38.86 1.90 0.00	41.13 2.09 0.00	39.27 1.87 0.00	38.49 2.12 0.00	35.47 2.26 0.00	49.19 3.08 0.00	56.22 3.64 0.00	60.43 4.06 0.00	62.56 4.54 0.00	78.90 4.68 -17.23	74.09 4.30 -18.40	73.86 4.41 -18.06	63.23 3.31 -20.61	54.45 3.37 -11.70	58.07 3.42 -15.30	58.94 3.02 -20.90	43.78 3.44 0.00	45.11 3.41 -0.06	45.18 3.23 -4.16	39.62 2.81 -1.48	43.28 2.90 0.00
LIPA_MISC_IPP 23656	48.77 2.56 0.00	46.85 2.22 0.00	39.54 1.87 0.00	38.79 1.83 0.00	41.20 2.16 0.00	39.29 1.89 0.00	38.41 2.04 0.00	35.38 2.16 0.00	49.03 2.92 0.00	56.00 3.42 0.00	60.02 3.65 0.00	62.11 4.09 0.00	63.85 4.25 -2.61	71.43 3.96 -16.08	71.62 4.35 -15.88	60.61 3.10 -18.19	52.81 3.10 -10.32	56.01 3.14 -13.53	56.52 2.94 -18.55	43.66 3.32 0.00	44.96 3.26 -0.06	44.88 3.18 -3.91	39.52 2.70 -1.48	43.14 2.76 0.00
LISF__SOLAR 323691	48.82 2.61 0.00	46.90 2.27 0.00	39.60 1.93 0.00	38.83 1.87 0.00	41.25 2.21 0.00	39.35 1.95 0.00	38.48 2.11 0.00	35.42 2.21 0.00	49.11 3.00 0.00	56.10 3.53 0.00	60.14 3.77 0.00	62.23 4.22 0.00	64.07 4.31 -2.76	71.58 4.08 -16.11	71.76 4.46 -15.90	60.74 3.20 -18.22	52.90 3.18 -10.33	56.11 3.23 -13.55	56.61 3.00 -18.57	43.73 3.39 0.00	45.04 3.34 -0.06	44.96 3.26 -3.91	39.58 2.77 -1.48	43.20 2.82 0.00

LITTLE FALLS___HYD 24013	46.93 0.72 0.00	45.40 0.77 0.00	38.31 0.64 0.00	37.56 0.59 0.00	39.63 0.58 0.00	37.74 0.34 0.00	36.68 0.30 0.00	33.64 0.42 0.00	46.74 0.63 0.00	53.35 0.78 0.00	57.47 1.10 0.00	59.45 1.43 0.00	58.56 1.57 0.00	53.00 1.61 0.00	53.05 1.66 0.00	40.34 1.02 0.00	40.17 0.78 0.00	40.03 0.69 0.00	35.60 0.57 0.00	41.11 0.77 0.00	42.41 0.78 0.00	38.56 0.77 0.00	36.03 0.69 0.00	40.79 0.41 0.00
LITTLRIV_115KV_TB1 356100	48.19 1.98 0.00	46.78 2.16 0.00	39.33 1.66 0.00	38.68 1.72 0.00	40.78 1.73 0.00	39.10 1.71 0.00	38.29 1.91 0.00	34.65 1.43 0.00	48.61 2.50 0.00	55.28 2.70 0.00	58.39 2.03 0.00	59.24 1.22 0.00	57.97 0.98 0.00	51.93 0.54 0.00	52.30 0.91 0.00	39.96 0.65 0.00	40.35 0.96 0.00	40.28 0.93 0.00	35.54 0.51 0.00	40.96 0.63 0.00	42.32 0.68 0.00	38.43 0.61 -0.04	35.96 0.59 -0.03	41.85 1.47 0.00
LI_NEWBRDGE___DRP 323616	48.05 1.85 0.00	46.25 1.62 0.00	39.05 1.39 0.00	38.32 1.36 0.00	40.53 1.48 0.00	38.71 1.31 0.00	37.91 1.53 0.00	34.91 1.70 0.00	48.41 2.29 0.00	55.27 2.69 0.00	59.35 2.99 0.00	61.42 3.40 0.00	49.46 3.57 11.10	69.37 3.36 -14.62	69.33 3.40 -14.53	58.60 2.55 -16.74	51.47 2.59 -9.48	54.48 2.68 -12.45	54.57 2.37 -17.17	43.05 2.71 0.00	44.39 2.68 -0.06	44.12 2.57 -3.77	39.00 2.19 -1.48	42.59 2.21 0.00
LOCKPORT_115KV_TB60_63_64 80432	44.13 -2.08 0.00	42.46 -2.17 0.00	35.69 -1.98 0.00	35.10 -1.86 0.00	37.01 -2.03 0.00	35.82 -1.58 0.00	34.78 -1.60 0.00	31.15 -2.06 0.00	43.56 -2.56 0.00	49.24 -3.34 0.00	52.48 -3.88 0.00	52.98 -5.04 0.00	51.79 -5.20 0.00	46.61 -4.78 0.00	46.53 -4.55 0.32	36.20 -3.11 0.00	36.39 -3.00 0.00	36.10 -3.24 0.00	32.05 -2.98 0.00	36.69 -3.64 0.00	37.89 -3.75 -0.01	34.60 -3.43 -0.25	32.82 -2.71 -0.20	38.25 -2.14 0.00
LOCKPORT___CC1 323769	43.55 -2.10 0.55	42.44 -2.19 0.00	35.64 -2.03 0.00	35.03 -1.92 0.01	36.98 -2.04 0.03	34.76 -1.59 1.05	34.77 -1.61 0.00	30.94 -2.05 0.21	43.57 -2.55 0.00	49.22 -3.35 0.00	52.26 -3.90 0.21	52.98 -5.04 0.00	51.78 -5.21 0.00	46.55 -4.84 0.00	46.38 -4.63 0.38	36.18 -3.13 0.00	36.37 -3.02 0.00	36.09 -3.26 0.00	32.02 -3.01 0.00	36.66 -3.67 0.00	37.87 -3.78 -0.01	34.57 -3.46 -0.25	32.50 -2.74 0.10	38.03 -2.18 0.17
LOCKPORT___CC2 323770	43.55 -2.10 0.55	42.44 -2.19 0.00	35.64 -2.03 0.00	35.03 -1.92 0.01	36.98 -2.04 0.03	34.76 -1.59 1.05	34.77 -1.61 0.00	30.94 -2.05 0.21	43.57 -2.55 0.00	49.22 -3.35 0.00	52.26 -3.90 0.21	52.98 -5.04 0.00	51.78 -5.21 0.00	46.55 -4.84 0.00	46.38 -4.63 0.38	36.18 -3.13 0.00	36.37 -3.02 0.00	36.09 -3.26 0.00	32.02 -3.01 0.00	36.66 -3.67 0.00	37.87 -3.78 -0.01	34.57 -3.46 -0.25	32.50 -2.74 0.10	38.03 -2.18 0.17
LOCKPORT___CC3 323771	43.55 -2.10 0.55	42.44 -2.19 0.00	35.64 -2.03 0.00	35.03 -1.92 0.01	36.98 -2.04 0.03	34.76 -1.59 1.05	34.77 -1.61 0.00	30.94 -2.05 0.21	43.57 -2.55 0.00	49.22 -3.35 0.00	52.26 -3.90 0.21	52.98 -5.04 0.00	51.78 -5.21 0.00	46.55 -4.84 0.00	46.38 -4.63 0.38	36.18 -3.13 0.00	36.37 -3.02 0.00	36.09 -3.26 0.00	32.02 -3.01 0.00	36.66 -3.67 0.00	37.87 -3.78 -0.01	34.57 -3.46 -0.25	32.50 -2.74 0.10	38.03 -2.18 0.17
LONG_LAKE_PHOENIX 24014	45.11 -1.10 0.00	43.52 -1.10 0.00	36.70 -0.97 0.00	36.01 -0.95 0.00	38.04 -1.01 0.00	36.48 -0.92 0.00	35.40 -0.98 0.00	32.26 -0.96 0.00	44.81 -1.31 0.00	51.09 -1.49 0.00	54.78 -1.58 0.00	56.33 -1.69 0.00	55.27 -1.72 0.00	49.80 -1.59 0.00	49.77 -1.63 0.00	38.09 -1.22 0.00	38.18 -1.22 0.00	38.13 -1.22 0.00	33.95 -1.08 0.00	39.06 -1.28 0.00	40.31 -1.34 0.00	36.69 -1.23 -0.14	34.34 -1.11 -0.11	39.23 -1.15 0.00
LOVETT___3 23632	47.69 1.49 0.00	46.00 1.38 0.00	38.85 1.18 0.00	38.14 1.18 0.00	40.25 1.21 0.00	38.51 1.11 0.00	37.61 1.24 0.00	34.54 1.33 0.00	47.99 1.88 0.00	54.73 2.16 0.00	58.76 2.40 0.00	60.86 2.84 0.00	59.90 2.91 0.00	54.13 2.74 0.00	54.03 2.61 -0.03	41.29 1.97 0.00	41.49 2.10 0.00	41.62 2.28 0.00	37.05 2.02 0.00	42.60 2.26 0.00	44.00 2.30 -0.06	41.68 2.09 -1.80	38.53 1.76 -1.44	42.10 1.72 0.00
LOVETT___4 23642	47.69 1.49 0.00	46.00 1.38 0.00	38.85 1.18 0.00	38.14 1.18 0.00	40.25 1.21 0.00	38.51 1.11 0.00	37.61 1.24 0.00	34.54 1.33 0.00	47.99 1.88 0.00	54.73 2.16 0.00	58.76 2.40 0.00	60.86 2.84 0.00	59.90 2.91 0.00	54.13 2.74 0.00	54.03 2.61 -0.03	41.29 1.97 0.00	41.49 2.10 0.00	41.62 2.28 0.00	37.05 2.02 0.00	42.60 2.26 0.00	44.00 2.30 -0.06	41.68 2.09 -1.80	38.53 1.76 -1.44	42.10 1.72 0.00
LOVETT___5 23593	47.69 1.49 0.00	46.00 1.38 0.00	38.85 1.18 0.00	38.14 1.18 0.00	40.25 1.21 0.00	38.51 1.11 0.00	37.61 1.24 0.00	34.54 1.33 0.00	47.99 1.88 0.00	54.73 2.16 0.00	58.76 2.40 0.00	60.86 2.84 0.00	59.90 2.91 0.00	54.13 2.74 0.00	54.03 2.61 -0.03	41.29 1.97 0.00	41.49 2.10 0.00	41.62 2.28 0.00	37.05 2.02 0.00	42.60 2.26 0.00	44.00 2.30 -0.06	41.68 2.09 -1.80	38.53 1.76 -1.44	42.10 1.72 0.00
LOWER RAQUET___HYD 24057	47.66 1.45 0.00	46.24 1.61 0.00	38.89 1.22 0.00	38.25 1.29 0.00	40.33 1.28 0.00	38.68 1.28 0.00	37.85 1.48 0.00	34.24 1.03 0.00	47.99 1.87 0.00	54.58 2.00 0.00	57.69 1.33 0.00	58.58 0.56 0.00	57.35 0.36 0.00	51.43 0.04 0.00	51.76 0.36 0.00	39.54 0.23 0.00	39.89 0.49 0.00	39.80 0.46 0.00	35.12 0.09 0.00	40.51 0.17 0.00	41.85 0.21 0.00	38.01 0.19 -0.04	35.59 0.22 -0.03	41.38 1.00 0.00
LOWER___HUDSON 24059	47.88 1.67 0.00	46.27 1.64 0.00	39.14 1.47 0.00	38.39 1.43 0.00	40.59 1.55 0.00	38.85 1.45 0.00	37.85 1.48 0.00	34.67 1.46 0.00	48.06 1.94 0.00	54.80 2.22 0.00	58.73 2.37 0.00	60.47 2.45 0.00	59.48 2.49 0.00	53.74 2.35 0.00	53.76 2.33 -0.03	41.06 1.75 0.00	41.03 1.64 0.00	40.97 1.63 0.00	36.50 1.47 0.00	42.11 1.77 0.00	43.59 1.87 -0.07	41.68 1.67 -2.23	38.63 1.52 -1.78	41.92 1.54 0.00
LOWVILLE_115KV_TB2 356335	46.63 0.43 0.00	44.86 0.23 0.00	37.88 0.21 0.00	37.21 0.25 0.00	39.41 0.37 0.00	37.92 0.52 0.00	37.03 0.66 0.00	33.74 0.52 0.00	46.95 0.84 0.00	53.70 1.13 0.00	57.69 1.33 0.00	59.31 1.30 0.00	58.22 1.23 0.00	52.22 0.83 0.00	52.01 0.61 0.00	39.68 0.36 0.00	39.67 0.28 0.00	39.54 0.19 0.00	35.19 0.16 0.00	40.86 0.53 0.00	42.24 0.60 0.00	38.32 0.47 -0.06	35.76 0.37 -0.05	40.92 0.53 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	48.49 2.28 0.00	46.84 2.21 0.00	39.60 1.93 0.00	38.85 1.89 0.00	41.09 2.05 0.00	39.36 1.96 0.00	38.42 2.05 0.00	35.16 1.95 0.00	48.88 2.76 0.00	55.74 3.16 0.00	59.79 3.43 0.00	61.54 3.52 0.00	60.52 3.53 0.00	54.57 3.18 0.00	54.60 3.17 -0.03	41.67 2.36 0.00	41.65 2.26 0.00	41.60 2.26 0.00	37.05 2.02 0.00	42.75 2.42 0.00	44.25 2.53 -0.07	42.28 2.24 -2.26	39.12 1.98 -1.80	42.47 2.09 0.00

LUTHERNY_35_KV_BK2 355980	48.50 2.29 0.00	46.84 2.21 0.00	39.59 1.92 0.00	38.85 1.89 0.00	41.08 2.04 0.00	39.35 1.95 0.00	38.44 2.06 0.00	35.16 1.95 0.00	48.92 2.81 0.00	55.79 3.21 0.00	59.88 3.52 0.00	61.60 3.58 0.00	60.57 3.59 0.00	54.60 3.21 0.00	54.62 3.19 -0.03	41.68 2.36 0.00	41.64 2.25 0.00	41.61 2.27 0.00	37.06 2.03 0.00	42.81 2.47 0.00	44.28 2.56 -0.07	42.31 2.26 -2.26	39.13 1.98 -1.80	42.47 2.09 0.00
LWR___OSWEGATCHIE_HYD 23850	46.90 0.69 0.00	45.30 0.67 0.00	38.16 0.49 0.00	37.44 0.48 0.00	39.58 0.53 0.00	38.03 0.63 0.00	37.18 0.81 0.00	33.75 0.54 0.00	47.17 1.06 0.00	53.81 1.23 0.00	57.30 0.94 0.00	58.50 0.48 0.00	57.36 0.37 0.00	51.41 0.02 0.00	51.49 0.09 0.00	39.32 0.01 0.00	39.51 0.12 0.00	39.40 0.06 0.00	34.91 -0.13 0.00	40.38 0.04 0.00	41.73 0.09 0.00	37.88 0.04 -0.05	35.39 0.01 -0.04	40.84 0.46 0.00
LYONS_FALL_HYD 23570	46.81 0.60 0.00	45.10 0.47 0.00	38.08 0.41 0.00	37.39 0.43 0.00	39.58 0.54 0.00	38.03 0.63 0.00	37.09 0.72 0.00	33.84 0.63 0.00	47.10 0.98 0.00	53.83 1.25 0.00	57.82 1.45 0.00	59.47 1.46 0.00	58.35 1.36 0.00	52.43 1.04 0.00	52.26 0.87 0.00	39.90 0.59 0.00	39.92 0.53 0.00	39.79 0.44 0.00	35.41 0.38 0.00	41.00 0.66 0.00	42.36 0.72 0.00	38.44 0.59 -0.06	35.88 0.49 -0.05	41.01 0.63 0.00
MADISON___COUNTY_LFGE 323628	47.05 0.84 0.00	45.49 0.86 0.00	38.46 0.79 0.00	37.73 0.77 0.00	39.91 0.87 0.00	38.29 0.89 0.00	37.31 0.93 0.00	34.07 0.86 0.00	47.46 1.34 0.00	54.19 1.62 0.00	58.20 1.84 0.00	59.89 1.88 0.00	58.75 1.76 0.00	52.87 1.48 0.00	52.78 1.38 0.00	40.36 1.05 0.00	40.35 0.97 0.00	40.14 0.80 0.00	35.72 0.69 0.00	41.18 0.84 0.00	42.51 0.86 0.00	38.61 0.72 -0.10	36.05 0.63 -0.08	41.13 0.74 0.00
MALONE___115KV_TB1 356076	48.06 1.86 0.00	46.75 2.12 0.00	39.34 1.67 0.00	38.76 1.80 0.00	40.84 1.80 0.00	39.13 1.73 0.00	38.29 1.91 0.00	34.62 1.41 0.00	48.63 2.52 0.00	55.27 2.70 0.00	58.36 2.00 0.00	59.31 1.29 0.00	58.00 1.01 0.00	51.96 0.56 0.00	52.43 1.03 0.00	40.06 0.75 0.00	40.41 1.02 0.00	40.35 1.01 0.00	35.56 0.53 0.00	40.92 0.58 0.00	42.26 0.61 0.00	38.38 0.57 -0.03	35.90 0.54 -0.02	41.74 1.36 0.00
MAPLEWOD_115KV_TB3 80458	47.72 1.51 0.00	46.11 1.48 0.00	38.98 1.31 0.00	38.24 1.28 0.00	40.42 1.37 0.00	38.68 1.28 0.00	37.59 1.21 0.00	34.39 1.17 0.00	47.53 1.42 0.00	54.26 1.68 0.00	58.19 1.83 0.00	59.94 1.93 0.00	58.98 1.98 0.00	53.29 1.89 0.00	53.29 1.86 -0.03	40.73 1.41 0.00	40.69 1.30 0.00	40.65 1.31 0.00	36.24 1.21 0.00	41.89 1.56 0.00	43.32 1.61 -0.07	41.52 1.51 -2.22	38.57 1.47 -1.77	41.85 1.47 0.00
MAPLE_RIDGE_WT_1 323574	46.44 0.23 0.00	44.99 0.36 0.00	37.91 0.24 0.00	37.22 0.26 0.00	39.34 0.30 0.00	37.73 0.33 0.00	36.79 0.41 0.00	33.45 0.24 0.00	46.57 0.45 0.00	52.97 0.40 0.00	56.53 0.17 0.00	57.91 -0.11 0.00	56.83 -0.16 0.00	51.15 -0.24 0.00	51.31 -0.08 0.00	39.19 -0.12 0.00	39.29 -0.10 0.00	39.19 -0.15 0.00	34.75 -0.28 0.00	40.19 -0.14 0.00	41.51 -0.13 0.00	37.68 -0.10 0.00	35.28 -0.05 0.00	40.62 0.24 0.00
MAPLE_RIDGE_WT_2 323611	46.44 0.23 0.00	44.99 0.36 0.00	37.91 0.24 0.00	37.22 0.26 0.00	39.34 0.30 0.00	37.73 0.33 0.00	36.79 0.41 0.00	33.45 0.24 0.00	46.57 0.45 0.00	52.97 0.40 0.00	56.53 0.17 0.00	57.91 -0.11 0.00	56.83 -0.16 0.00	51.15 -0.24 0.00	51.31 -0.08 0.00	39.19 -0.12 0.00	39.29 -0.10 0.00	39.19 -0.15 0.00	34.75 -0.28 0.00	40.19 -0.14 0.00	41.51 -0.13 0.00	37.68 -0.10 0.00	35.28 -0.05 0.00	40.62 0.24 0.00
MARBLE_RIVER_WT_PWR 323696	47.56 1.35 0.00	46.30 1.68 0.00	39.02 1.35 0.00	38.47 1.51 0.00	40.54 1.49 0.00	38.80 1.40 0.00	37.94 1.56 0.00	34.24 1.03 0.00	48.09 1.98 0.00	54.60 2.02 0.00	57.62 1.26 0.00	58.60 0.58 0.00	57.29 0.30 0.00	51.40 0.01 0.00	51.87 0.48 0.00	39.63 0.32 0.00	39.94 0.54 0.00	39.90 0.56 0.00	35.17 0.14 0.00	40.48 0.15 0.00	41.74 0.10 0.00	37.92 0.13 0.00	35.48 0.14 0.00	41.28 0.90 0.00
MARSHVLE_115KV_TB1 80742	48.67 2.46 0.00	46.94 2.31 0.00	39.59 1.93 0.00	38.85 1.89 0.00	41.01 1.97 0.00	39.36 1.96 0.00	38.30 1.92 0.00	34.84 1.63 0.00	48.73 2.62 0.00	55.65 3.08 0.00	59.69 3.33 0.00	61.64 3.62 0.00	60.51 3.52 0.00	54.50 3.11 0.00	54.50 3.07 -0.04	41.48 2.17 0.00	41.57 2.19 0.00	41.46 2.12 0.00	36.81 1.78 0.00	42.24 1.90 0.00	43.65 1.92 -0.08	42.18 1.87 -2.53	38.97 1.62 -2.02	42.35 1.97 0.00
MARSH_HILL_WT_PWR 323713	45.49 -0.72 0.00	43.82 -0.81 0.00	36.64 -1.03 0.00	35.80 -1.16 0.00	37.90 -1.14 0.00	36.79 -0.61 0.00	36.23 -0.15 0.00	33.00 -0.22 0.00	46.30 0.18 0.00	52.61 0.03 0.00	56.35 0.00 0.00	57.33 -0.68 0.00	55.19 -1.80 0.00	48.65 -2.74 0.00	47.66 -2.85 0.89	37.14 -2.17 0.00	37.55 -1.84 0.00	37.53 -1.82 0.00	33.87 -1.16 0.00	38.73 -1.61 0.00	40.01 -1.65 -0.01	36.58 -1.55 -0.35	34.41 -1.21 -0.28	39.43 -0.95 0.00
MCINTYRE_115KV_TB2 80467	48.49 2.28 0.00	47.08 2.45 0.00	39.58 1.91 0.00	38.92 1.96 0.00	41.02 1.98 0.00	39.34 1.94 0.00	38.53 2.16 0.00	34.85 1.64 0.00	48.92 2.80 0.00	55.62 3.04 0.00	58.69 2.34 0.00	59.50 1.48 0.00	58.18 1.19 0.00	52.14 0.75 0.00	52.52 1.12 0.00	40.13 0.82 0.00	40.58 1.19 0.00	40.49 1.15 0.00	35.72 0.69 0.00	41.16 0.82 0.00	42.53 0.89 0.00	38.61 0.78 -0.04	36.14 0.78 -0.03	42.09 1.71 0.00
MECO_____69_KV_BK1 80468	49.15 2.94 0.00	47.40 2.77 0.00	39.98 2.31 0.00	39.22 2.26 0.00	41.44 2.39 0.00	39.75 2.35 0.00	38.74 2.37 0.00	35.40 2.19 0.00	49.50 3.38 0.00	56.62 4.05 0.00	60.79 4.43 0.00	62.70 4.69 0.00	61.62 4.63 0.00	55.46 4.07 0.00	55.43 4.00 -0.03	42.23 2.91 0.00	42.27 2.88 0.00	42.17 2.83 0.00	37.48 2.44 0.00	43.06 2.73 0.00	44.49 2.77 -0.08	42.75 2.53 -2.44	39.51 2.24 -1.94	42.89 2.51 0.00
MENANDS___115KV_TB5 355628	47.54 1.33 0.00	45.95 1.32 0.00	38.86 1.19 0.00	38.11 1.15 0.00	40.29 1.25 0.00	38.55 1.15 0.00	37.41 1.04 0.00	34.23 1.02 0.00	47.24 1.12 0.00	53.90 1.33 0.00	57.79 1.43 0.00	59.54 1.52 0.00	58.57 1.58 0.00	52.92 1.53 0.00	52.94 1.51 -0.03	40.47 1.16 0.00	40.43 1.04 0.00	40.38 1.04 0.00	36.03 1.00 0.00	41.69 1.36 0.00	43.11 1.40 -0.07	41.34 1.34 -2.21	38.45 1.35 -1.76	41.71 1.33 0.00
MG INDUSTRY___DRP 24185	47.63 1.43 0.00	46.04 1.41 0.00	38.93 1.26 0.00	38.21 1.25 0.00	40.38 1.33 0.00	38.64 1.24 0.00	37.50 1.13 0.00	34.30 1.09 0.00	47.40 1.28 0.00	54.08 1.51 0.00	57.95 1.59 0.00	59.68 1.66 0.00	58.66 1.67 0.00	52.95 1.56 0.00	53.00 1.57 -0.03	40.52 1.21 0.00	40.53 1.14 0.00	40.48 1.14 0.00	36.10 1.07 0.00	41.74 1.40 0.00	43.15 1.44 -0.07	41.30 1.34 -2.17	38.42 1.35 -1.73	41.78 1.40 0.00

MID___OSWEGATCHIE_HYD 23849	46.90 0.69 0.00	45.30 0.67 0.00	38.16 0.49 0.00	37.44 0.48 0.00	39.58 0.53 0.00	38.03 0.63 0.00	37.18 0.81 0.00	33.75 0.54 0.00	47.17 1.06 0.00	53.81 1.23 0.00	57.30 0.94 0.00	58.50 0.48 0.00	57.36 0.37 0.00	51.41 0.02 0.00	51.49 0.09 0.00	39.32 0.01 0.00	39.51 0.12 0.00	39.40 0.06 0.00	34.91 -0.13 0.00	40.38 0.04 0.00	41.73 0.09 0.00	37.88 0.04 -0.05	35.39 0.01 -0.04	40.84 0.46 0.00
MID___RAQUETTE_HYD 23851	47.66 1.45 0.00	46.24 1.61 0.00	38.90 1.23 0.00	38.24 1.28 0.00	40.33 1.28 0.00	38.68 1.28 0.00	37.84 1.47 0.00	34.23 1.02 0.00	47.99 1.88 0.00	54.58 2.00 0.00	57.69 1.33 0.00	58.58 0.56 0.00	57.35 0.36 0.00	51.39 0.00 0.00	51.75 0.35 0.00	39.54 0.23 0.00	39.89 0.50 0.00	39.80 0.46 0.00	35.12 0.09 0.00	40.50 0.16 0.00	41.85 0.21 0.00	38.01 0.19 -0.04	35.58 0.21 -0.03	41.37 0.99 0.00
MILLIKEN___1 23584	46.70 0.50 0.00	45.07 0.44 0.00	37.96 0.29 0.00	37.20 0.24 0.00	39.30 0.25 0.00	37.70 0.30 0.00	36.74 0.37 0.00	33.51 0.30 0.00	46.72 0.60 0.00	53.32 0.75 0.00	57.28 0.92 0.00	58.92 0.90 0.00	57.69 0.70 0.00	51.82 0.43 0.00	52.85 0.43 -1.02	39.66 0.35 0.00	39.77 0.38 0.00	39.69 0.35 0.00	35.34 0.31 0.00	40.60 0.26 0.00	41.94 0.29 -0.01	38.35 0.21 -0.35	35.81 0.19 -0.28	40.64 0.27 0.00
MILLIKEN___2 23585	46.70 0.50 0.00	45.07 0.44 0.00	37.96 0.29 0.00	37.20 0.24 0.00	39.30 0.25 0.00	37.70 0.30 0.00	36.74 0.37 0.00	33.51 0.30 0.00	46.72 0.60 0.00	53.32 0.75 0.00	57.28 0.92 0.00	58.92 0.90 0.00	57.69 0.70 0.00	51.82 0.43 0.00	52.85 0.43 -1.02	39.66 0.35 0.00	39.77 0.38 0.00	39.69 0.35 0.00	35.34 0.31 0.00	40.60 0.26 0.00	41.94 0.29 -0.01	38.35 0.21 -0.35	35.81 0.19 -0.28	40.64 0.27 0.00
MILLIKEN___DIESEL 23629	46.70 0.50 0.00	45.07 0.44 0.00	37.96 0.29 0.00	37.20 0.24 0.00	39.30 0.25 0.00	37.70 0.30 0.00	36.74 0.37 0.00	33.51 0.30 0.00	46.72 0.60 0.00	53.32 0.75 0.00	57.28 0.92 0.00	58.92 0.90 0.00	57.69 0.70 0.00	51.82 0.43 0.00	52.85 0.43 -1.02	39.66 0.35 0.00	39.77 0.38 0.00	39.69 0.35 0.00	35.34 0.31 0.00	40.60 0.26 0.00	41.94 0.29 -0.01	38.35 0.21 -0.35	35.81 0.19 -0.28	40.64 0.27 0.00
MILLSEAT___LFGE 323607	44.43 -1.28 0.50	43.21 -1.42 0.00	36.28 -1.38 0.00	35.65 -1.30 0.01	37.65 -1.37 0.03	35.48 -0.96 0.96	35.41 -0.96 0.00	31.64 -1.38 0.20	44.54 -1.58 0.00	50.43 -2.15 0.00	53.66 -2.51 0.19	54.49 -3.53 0.00	53.29 -3.70 0.00	47.89 -3.51 0.00	47.69 -3.35 0.35	37.10 -2.21 0.00	37.29 -2.10 0.00	37.03 -2.32 0.00	32.88 -2.16 0.00	37.66 -2.67 0.00	38.90 -2.75 -0.01	35.47 -2.55 -0.24	33.27 -1.98 0.08	38.81 -1.41 0.16
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	47.85 1.64 0.00	46.14 1.52 0.00	38.96 1.29 0.00	38.26 1.29 0.00	40.38 1.33 0.00	38.61 1.21 0.00	37.72 1.34 0.00	34.64 1.43 0.00	48.14 2.02 0.00	54.91 2.33 0.00	58.97 2.61 0.00	61.04 3.02 0.00	60.09 3.10 0.00	54.29 2.90 0.00	54.23 2.80 -0.03	41.44 2.12 0.00	41.61 2.22 0.00	41.70 2.36 0.00	37.11 2.08 0.00	42.68 2.34 0.00	44.10 2.40 -0.06	41.81 2.19 -1.84	38.68 1.87 -1.47	42.23 1.85 0.00
MILLWOOD_13_KV_LOAD 356217	47.91 1.70 0.00	46.21 1.58 0.00	39.01 1.35 0.00	38.30 1.34 0.00	40.42 1.38 0.00	38.66 1.26 0.00	37.77 1.39 0.00	34.69 1.48 0.00	48.20 2.08 0.00	54.99 2.41 0.00	59.06 2.70 0.00	61.14 3.13 0.00	60.20 3.21 0.00	54.39 3.00 0.00	54.31 2.89 -0.03	41.51 2.19 0.00	41.67 2.28 0.00	41.75 2.41 0.00	37.16 2.13 0.00	42.74 2.40 0.00	44.16 2.46 -0.06	41.87 2.24 -1.84	38.73 1.92 -1.47	42.29 1.91 0.00
MODEL_CITY_ENERGY 24167	43.11 -2.52 0.58	42.05 -2.57 0.00	35.33 -2.34 0.00	34.71 -2.24 0.01	36.63 -2.38 0.03	34.34 -1.95 1.11	34.39 -1.98 0.00	30.56 -2.42 0.23	43.04 -3.08 0.00	48.61 -3.96 0.00	51.57 -4.57 0.22	52.28 -5.73 0.00	51.12 -5.87 0.00	45.99 -5.40 0.00	45.80 -5.21 0.39	35.75 -3.56 0.00	35.95 -3.44 0.00	35.66 -3.69 0.00	31.64 -3.39 0.00	36.22 -4.12 0.00	37.41 -4.24 -0.01	34.17 -3.87 -0.25	32.12 -3.10 0.12	37.69 -2.51 0.18
MODERN_LFGE___ 323580	43.11 -2.52 0.58	42.05 -2.57 0.00	35.33 -2.34 0.00	34.71 -2.24 0.01	36.63 -2.38 0.03	34.34 -1.95 1.11	34.39 -1.98 0.00	30.56 -2.42 0.23	43.04 -3.08 0.00	48.61 -3.96 0.00	51.57 -4.57 0.22	52.28 -5.73 0.00	51.12 -5.87 0.00	45.99 -5.40 0.00	45.80 -5.21 0.39	35.75 -3.56 0.00	35.95 -3.44 0.00	35.66 -3.69 0.00	31.64 -3.39 0.00	36.22 -4.12 0.00	37.41 -4.24 -0.01	34.17 -3.87 -0.25	32.12 -3.10 0.12	37.69 -2.51 0.18
MOHAWK_PAPER___DRP 24187	47.72 1.51 0.00	46.11 1.48 0.00	38.98 1.31 0.00	38.24 1.28 0.00	40.42 1.37 0.00	38.68 1.28 0.00	37.59 1.21 0.00	34.39 1.17 0.00	47.53 1.42 0.00	54.26 1.68 0.00	58.19 1.83 0.00	59.94 1.93 0.00	58.98 1.98 0.00	53.29 1.89 0.00	53.29 1.86 -0.03	40.73 1.41 0.00	40.69 1.30 0.00	40.65 1.31 0.00	36.24 1.21 0.00	41.89 1.56 0.00	43.32 1.61 -0.07	41.52 1.51 -2.22	38.57 1.47 -1.77	41.85 1.47 0.00
MOHICAN___35_KV_115KV_LD 80490	49.09 2.88 0.00	47.44 2.81 0.00	40.15 2.48 0.00	39.42 2.46 0.00	41.70 2.66 0.00	39.97 2.57 0.00	39.12 2.74 0.00	35.78 2.57 0.00	49.78 3.67 0.00	56.77 4.20 0.00	60.90 4.54 0.00	62.68 4.66 0.00	61.61 4.62 0.00	55.55 4.16 0.00	55.58 4.15 -0.03	42.38 3.07 0.00	42.31 2.91 0.00	42.26 2.91 0.00	37.67 2.64 0.00	43.48 3.15 0.00	45.06 3.34 -0.07	42.94 2.89 -2.26	39.65 2.51 -1.81	43.03 2.65 0.00
MONGAUP___HYD 23641	48.25 2.04 0.00	46.52 1.89 0.00	39.25 1.58 0.00	38.51 1.55 0.00	40.66 1.62 0.00	38.94 1.54 0.00	38.05 1.68 0.00	34.93 1.72 0.00	48.66 2.54 0.00	55.56 2.98 0.00	59.64 3.28 0.00	61.66 3.64 0.00	60.63 3.64 0.00	54.87 3.48 0.00	54.62 3.20 -0.02	41.69 2.37 0.00	41.82 2.43 0.00	41.91 2.57 0.00	37.33 2.30 0.00	42.94 2.60 0.00	44.36 2.67 -0.06	41.87 2.40 -1.69	38.76 2.07 -1.35	42.47 2.09 0.00
MONTAUK___DIESEL 23721	50.37 4.16 0.00	48.32 3.70 0.00	40.75 3.08 0.00	39.95 2.99 0.00	42.28 3.24 0.00	39.77 2.37 0.00	37.88 1.51 0.00	34.92 1.70 0.00	48.21 2.09 0.00	55.17 2.60 0.00	59.17 2.80 0.00	61.35 3.33 0.00	63.16 3.50 -2.67	70.73 3.25 -16.09	70.96 3.68 -15.89	60.06 2.54 -18.21	52.25 2.53 -10.33	55.40 2.53 -13.53	56.03 2.44 -18.56	43.07 2.73 0.00	44.38 2.68 -0.06	44.32 2.63 -3.91	38.96 2.14 -1.48	42.39 2.01 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	46.06 -0.15 0.00	44.23 -0.40 0.00	37.18 -0.49 0.00	36.50 -0.46 0.00	38.57 -0.47 0.00	37.47 0.07 0.00	36.56 0.19 0.00	32.89 -0.32 0.00	46.07 -0.04 0.00	52.04 -0.53 0.00	55.49 -0.87 0.00	56.07 -1.95 0.00	54.80 -2.19 0.00	49.02 -2.38 0.00	48.80 -2.18 0.42	38.02 -1.30 0.00	37.90 -1.48 0.00	37.51 -1.83 0.00	33.17 -1.86 0.00	37.85 -2.49 0.00	39.25 -2.40 -0.01	35.71 -2.36 -0.28	33.61 -1.95 -0.23	39.36 -1.02 0.00

MORRIS RIDGE___SOLAR 323848	44.94 -1.26 0.00	43.39 -1.23 0.00	36.38 -1.28 0.00	35.60 -1.36 0.00	37.64 -1.41 0.00	36.43 -0.97 0.00	35.66 -0.72 0.00	32.28 -0.93 0.00	45.21 -0.91 0.00	51.28 -1.29 0.00	54.85 -1.51 0.00	55.72 -2.30 0.00	53.97 -3.02 0.00	48.09 -3.30 0.00	47.60 -3.18 0.61	37.05 -2.26 0.00	37.31 -2.08 0.00	37.22 -2.13 0.00	33.20 -1.84 0.00	37.99 -2.35 0.00	39.26 -2.39 -0.01	35.93 -2.19 -0.34	33.87 -1.73 -0.27	38.89 -1.49 0.00
MORTIMER_115KV_TB3 55949	44.89 -1.32 0.00	43.23 -1.40 0.00	36.37 -1.30 0.00	35.73 -1.23 0.00	37.73 -1.31 0.00	36.39 -1.02 0.00	35.38 -1.00 0.00	31.99 -1.22 0.00	44.64 -1.48 0.00	50.68 -1.90 0.00	54.20 -2.16 0.00	55.22 -2.79 0.00	54.08 -2.91 0.00	48.68 -2.71 0.00	48.59 -2.59 0.22	37.54 -1.77 0.00	37.67 -1.72 0.00	37.49 -1.86 0.00	33.33 -1.70 0.00	38.26 -2.08 0.00	39.50 -2.15 -0.01	36.00 -1.99 -0.21	33.86 -1.64 -0.16	38.99 -1.39 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	48.09 1.88 0.00	46.38 1.75 0.00	39.15 1.48 0.00	38.43 1.48 0.00	40.57 1.52 0.00	38.76 1.36 0.00	37.84 1.47 0.00	34.77 1.56 0.00	48.28 2.17 0.00	55.09 2.51 0.00	59.17 2.82 0.00	61.27 3.26 0.00	60.35 3.36 0.00	54.55 3.16 0.00	54.50 3.08 -0.03	41.67 2.36 0.00	41.85 2.46 0.00	41.91 2.57 0.00	37.28 2.24 0.00	42.90 2.57 0.00	44.33 2.63 -0.06	42.07 2.43 -1.85	38.92 2.11 -1.48	42.48 2.10 0.00
MUNSVILLE_WIND_PWR 323609	49.60 3.22 -0.16	47.50 2.87 0.00	39.91 2.24 0.00	39.05 2.09 0.00	41.14 2.09 -0.01	39.54 1.82 -0.31	38.43 2.06 0.00	35.24 1.97 -0.06	49.49 3.37 0.00	56.79 4.21 0.00	61.66 5.24 -0.06	63.93 5.91 0.00	62.36 5.37 0.00	55.73 4.34 0.00	56.21 4.23 -0.59	42.20 2.89 0.00	42.10 2.72 0.00	41.81 2.46 0.00	37.00 1.97 0.00	42.49 2.16 0.00	44.27 2.61 -0.02	40.78 2.45 -0.54	38.04 2.18 -0.52	42.65 2.22 -0.05
N SALMON___HYD 24042	48.06 1.86 0.00	46.75 2.12 0.00	39.33 1.67 0.00	38.76 1.80 0.00	40.84 1.80 0.00	39.13 1.73 0.00	38.30 1.92 0.00	34.63 1.42 0.00	48.63 2.52 0.00	55.27 2.70 0.00	58.36 2.00 0.00	59.31 1.29 0.00	58.00 1.01 0.00	52.00 0.61 0.00	52.43 1.03 0.00	40.06 0.75 0.00	40.41 1.02 0.00	40.35 1.01 0.00	35.56 0.53 0.00	40.93 0.59 0.00	42.25 0.61 0.00	38.38 0.57 -0.03	35.92 0.55 -0.02	41.74 1.36 0.00
N.AKRON__115KV_KNAPP 355671	44.74 -1.47 0.00	43.03 -1.59 0.00	36.18 -1.50 0.00	35.57 -1.39 0.00	37.52 -1.53 0.00	36.31 -1.09 0.00	35.28 -1.10 0.00	31.66 -1.55 0.00	44.31 -1.81 0.00	50.14 -2.43 0.00	53.50 -2.86 0.00	54.09 -3.93 0.00	52.90 -4.09 0.00	47.58 -3.81 0.00	47.46 -3.63 0.31	36.88 -2.44 0.00	37.07 -2.32 0.00	36.79 -2.56 0.00	32.66 -2.38 0.00	37.40 -2.93 0.00	38.62 -3.03 -0.01	35.24 -2.79 -0.24	33.37 -2.16 -0.19	38.80 -1.58 0.00
N.BELMOR_69_KV_BK1 55787	48.38 2.17 0.00	46.56 1.93 0.00	39.30 1.63 0.00	38.55 1.59 0.00	40.78 1.73 0.00	38.95 1.55 0.00	38.14 1.77 0.00	35.15 1.93 0.00	48.76 2.65 0.00	55.65 3.07 0.00	59.67 3.30 0.00	61.78 3.76 -63.33	124.21 3.89 -23.94	78.89 3.56 -23.19	78.21 3.62 -26.21	68.39 2.87 -14.90	57.20 2.92 -19.42	61.75 2.99 -19.42	63.91 2.63 -26.26	43.37 3.04 0.00	44.72 3.02 -0.06	45.36 2.85 -4.72	39.29 2.48 -1.48	42.91 2.53 0.00
N.E_GEN_SANDY PD 24062	47.67 1.47 0.00	46.04 1.41 0.00	38.94 1.27 0.00	38.21 1.25 0.00	40.38 1.34 0.00	38.78 1.25 -0.13	37.72 1.35 0.00	35.72 1.40 -1.11	52.94 1.90 -4.93	62.27 2.19 -7.50	67.98 2.37 -9.25	69.63 2.57 -9.03	73.45 2.63 -13.82	65.75 2.49 -11.87	56.96 2.43 -3.12	41.15 1.84 0.00	41.07 1.74 0.06	41.11 1.77 0.00	36.60 1.57 0.00	42.16 1.84 0.02	43.86 1.94 -0.27	41.25 1.72 -1.75	38.50 1.53 -1.63	41.89 1.51 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	47.77 1.56 0.00	46.07 1.44 0.00	38.91 1.24 0.00	38.20 1.24 0.00	40.31 1.27 0.00	38.57 1.17 0.00	37.67 1.29 0.00	34.60 1.39 0.00	48.08 1.96 0.00	54.83 2.26 0.00	58.86 2.51 0.00	60.96 2.94 0.00	60.01 3.02 0.00	54.23 2.84 0.00	54.13 2.70 -0.03	41.36 2.04 0.00	41.57 2.18 0.00	41.70 2.35 0.00	37.12 2.09 0.00	42.68 2.34 0.00	44.09 2.39 -0.06	41.75 2.16 -1.80	38.59 1.82 -1.43	42.18 1.80 0.00
N.QUEENS_27_KV_LOAD 356247	47.93 1.73 0.00	46.29 1.66 0.00	39.10 1.43 0.00	38.51 1.55 0.00	40.55 1.51 0.00	38.70 1.31 0.00	37.79 1.42 0.00	34.74 1.53 0.00	48.22 2.11 0.00	54.95 2.38 0.00	59.08 2.72 0.00	61.20 3.18 0.00	77.49 3.24 -17.26	54.95 3.12 -0.44	54.82 3.09 -0.34	41.89 2.33 -0.25	41.96 2.42 -0.15	42.03 2.52 -0.17	37.35 2.20 -0.12	42.83 2.49 0.00	44.27 2.57 -0.06	42.06 2.43 -1.85	38.90 2.09 -1.48	42.40 2.03 0.00
N.TROY___115KV_TB1 355778	47.88 1.67 0.00	46.27 1.64 0.00	39.14 1.47 0.00	38.39 1.43 0.00	40.59 1.55 0.00	38.85 1.45 0.00	37.85 1.48 0.00	34.67 1.46 0.00	48.06 1.94 0.00	54.80 2.22 0.00	58.73 2.37 0.00	60.47 2.46 0.00	59.47 2.48 0.00	53.74 2.35 0.00	53.75 2.33 -0.03	41.06 1.75 0.00	41.03 1.64 0.00	40.97 1.63 0.00	36.50 1.47 0.00	42.11 1.77 0.00	43.59 1.87 -0.07	41.68 1.67 -2.23	38.63 1.52 -1.78	41.92 1.54 0.00
NARROWS_GT1_1 24228	48.11 1.90 0.00	46.41 1.78 0.00	39.19 1.53 0.00	38.51 1.55 0.00	40.57 1.53 0.00	38.76 1.36 0.00	37.85 1.48 0.00	34.79 1.58 0.00	48.33 2.21 0.00	55.11 2.53 0.00	59.22 2.86 0.00	61.34 3.32 0.00	60.43 3.44 0.00	54.68 3.29 0.00	54.63 3.21 -0.03	41.76 2.45 0.00	41.96 2.57 0.00	42.05 2.71 0.00	37.39 2.36 0.00	43.03 2.69 0.00	44.46 2.76 -0.06	42.19 2.55 -1.85	39.00 2.19 -1.48	42.54 2.16 0.00
NARROWS_GT1_2 24229	48.11 1.90 0.00	46.41 1.78 0.00	39.19 1.53 0.00	38.51 1.55 0.00	40.57 1.53 0.00	38.76 1.36 0.00	37.85 1.48 0.00	34.79 1.58 0.00	48.33 2.21 0.00	55.11 2.53 0.00	59.22 2.86 0.00	61.34 3.32 0.00	60.43 3.44 0.00	54.68 3.29 0.00	54.63 3.21 -0.03	41.76 2.45 0.00	41.96 2.57 0.00	42.05 2.71 0.00	37.39 2.36 0.00	43.03 2.69 0.00	44.46 2.76 -0.06	42.19 2.55 -1.85	39.00 2.19 -1.48	42.54 2.16 0.00
NARROWS_GT1_3 24230	48.11 1.90 0.00	46.41 1.78 0.00	39.19 1.53 0.00	38.51 1.55 0.00	40.57 1.53 0.00	38.76 1.36 0.00	37.85 1.48 0.00	34.79 1.58 0.00	48.33 2.21 0.00	55.11 2.53 0.00	59.22 2.86 0.00	61.34 3.32 0.00	60.43 3.44 0.00	54.68 3.29 0.00	54.63 3.21 -0.03	41.76 2.45 0.00	41.96 2.57 0.00	42.05 2.71 0.00	37.39 2.36 0.00	43.03 2.69 0.00	44.46 2.76 -0.06	42.19 2.55 -1.85	39.00 2.19 -1.48	42.54 2.16 0.00
NARROWS_GT1_4 24231	48.11 1.90 0.00	46.41 1.78 0.00	39.19 1.53 0.00	38.51 1.55 0.00	40.57 1.53 0.00	38.76 1.36 0.00	37.85 1.48 0.00	34.79 1.58 0.00	48.33 2.21 0.00	55.11 2.53 0.00	59.22 2.86 0.00	61.34 3.32 0.00	60.43 3.44 0.00	54.68 3.29 0.00	54.63 3.21 -0.03	41.76 2.45 0.00	41.96 2.57 0.00	42.05 2.71 0.00	37.39 2.36 0.00	43.03 2.69 0.00	44.46 2.76 -0.06	42.19 2.55 -1.85	39.00 2.19 -1.48	42.54 2.16 0.00

NARROWS_GT1_5 24232	48.11 1.90 0.00	46.41 1.78 0.00	39.19 1.53 0.00	38.51 1.55 0.00	40.57 1.53 0.00	38.76 1.36 0.00	37.85 1.48 0.00	34.79 1.58 0.00	48.33 2.21 0.00	55.11 2.53 0.00	59.22 2.86 0.00	61.34 3.32 0.00	60.43 3.44 0.00	54.68 3.29 0.00	54.63 3.21 -0.03	41.76 2.45 0.00	41.96 2.57 0.00	42.05 2.71 0.00	37.39 2.36 0.00	43.03 2.69 0.00	44.46 2.76 -0.06	42.19 2.55 -1.85	39.00 2.19 -1.48	42.54 2.16 0.00
NARROWS_GT1_6 24233	48.11 1.90 0.00	46.41 1.78 0.00	39.19 1.53 0.00	38.51 1.55 0.00	40.57 1.53 0.00	38.76 1.36 0.00	37.85 1.48 0.00	34.79 1.58 0.00	48.33 2.21 0.00	55.11 2.53 0.00	59.22 2.86 0.00	61.34 3.32 0.00	60.43 3.44 0.00	54.68 3.29 0.00	54.63 3.21 -0.03	41.76 2.45 0.00	41.96 2.57 0.00	42.05 2.71 0.00	37.39 2.36 0.00	43.03 2.69 0.00	44.46 2.76 -0.06	42.19 2.55 -1.85	39.00 2.19 -1.48	42.54 2.16 0.00
NARROWS_GT1_7 24234	48.11 1.90 0.00	46.41 1.78 0.00	39.19 1.53 0.00	38.51 1.55 0.00	40.57 1.53 0.00	38.76 1.36 0.00	37.85 1.48 0.00	34.79 1.58 0.00	48.33 2.21 0.00	55.11 2.53 0.00	59.22 2.86 0.00	61.34 3.32 0.00	60.43 3.44 0.00	54.68 3.29 0.00	54.63 3.21 -0.03	41.76 2.45 0.00	41.96 2.57 0.00	42.05 2.71 0.00	37.39 2.36 0.00	43.03 2.69 0.00	44.46 2.76 -0.06	42.19 2.55 -1.85	39.00 2.19 -1.48	42.54 2.16 0.00
NARROWS_GT1_8 24235	48.11 1.90 0.00	46.41 1.78 0.00	39.19 1.53 0.00	38.51 1.55 0.00	40.57 1.53 0.00	38.76 1.36 0.00	37.85 1.48 0.00	34.79 1.58 0.00	48.33 2.21 0.00	55.11 2.53 0.00	59.22 2.86 0.00	61.34 3.32 0.00	60.43 3.44 0.00	54.68 3.29 0.00	54.63 3.21 -0.03	41.76 2.45 0.00	41.96 2.57 0.00	42.05 2.71 0.00	37.39 2.36 0.00	43.03 2.69 0.00	44.46 2.76 -0.06	42.19 2.55 -1.85	39.00 2.19 -1.48	42.54 2.16 0.00
NARROWS_GT2_1 24236	48.11 1.90 0.00	46.41 1.78 0.00	39.19 1.53 0.00	38.51 1.55 0.00	40.57 1.53 0.00	38.76 1.36 0.00	37.85 1.48 0.00	34.79 1.58 0.00	48.33 2.21 0.00	55.11 2.53 0.00	59.22 2.86 0.00	61.34 3.32 0.00	60.43 3.44 0.00	54.68 3.29 0.00	54.63 3.21 -0.03	41.76 2.45 0.00	41.96 2.57 0.00	42.05 2.71 0.00	37.39 2.36 0.00	43.03 2.69 0.00	44.46 2.76 -0.06	42.19 2.55 -1.85	39.00 2.19 -1.48	42.54 2.16 0.00
NARROWS_GT2_2 24237	48.11 1.90 0.00	46.41 1.78 0.00	39.19 1.53 0.00	38.51 1.55 0.00	40.57 1.53 0.00	38.76 1.36 0.00	37.85 1.48 0.00	34.79 1.58 0.00	48.33 2.21 0.00	55.11 2.53 0.00	59.22 2.86 0.00	61.34 3.32 0.00	60.43 3.44 0.00	54.68 3.29 0.00	54.63 3.21 -0.03	41.76 2.45 0.00	41.96 2.57 0.00	42.05 2.71 0.00	37.39 2.36 0.00	43.03 2.69 0.00	44.46 2.76 -0.06	42.19 2.55 -1.85	39.00 2.19 -1.48	42.54 2.16 0.00
NARROWS_GT2_3 24238	48.11 1.90 0.00	46.41 1.78 0.00	39.19 1.53 0.00	38.51 1.55 0.00	40.57 1.53 0.00	38.76 1.36 0.00	37.85 1.48 0.00	34.79 1.58 0.00	48.33 2.21 0.00	55.11 2.53 0.00	59.22 2.86 0.00	61.34 3.32 0.00	60.43 3.44 0.00	54.68 3.29 0.00	54.63 3.21 -0.03	41.76 2.45 0.00	41.96 2.57 0.00	42.05 2.71 0.00	37.39 2.36 0.00	43.03 2.69 0.00	44.46 2.76 -0.06	42.19 2.55 -1.85	39.00 2.19 -1.48	42.54 2.16 0.00
NARROWS_GT2_4 24239	48.11 1.90 0.00	46.41 1.78 0.00	39.19 1.53 0.00	38.51 1.55 0.00	40.57 1.53 0.00	38.76 1.36 0.00	37.85 1.48 0.00	34.79 1.58 0.00	48.33 2.21 0.00	55.11 2.53 0.00	59.22 2.86 0.00	61.34 3.32 0.00	60.43 3.44 0.00	54.68 3.29 0.00	54.63 3.21 -0.03	41.76 2.45 0.00	41.96 2.57 0.00	42.05 2.71 0.00	37.39 2.36 0.00	43.03 2.69 0.00	44.46 2.76 -0.06	42.19 2.55 -1.85	39.00 2.19 -1.48	42.54 2.16 0.00
NARROWS_GT2_5 24240	48.11 1.90 0.00	46.41 1.78 0.00	39.19 1.53 0.00	38.51 1.55 0.00	40.57 1.53 0.00	38.76 1.36 0.00	37.85 1.48 0.00	34.79 1.58 0.00	48.33 2.21 0.00	55.11 2.53 0.00	59.22 2.86 0.00	61.34 3.32 0.00	60.43 3.44 0.00	54.68 3.29 0.00	54.63 3.21 -0.03	41.76 2.45 0.00	41.96 2.57 0.00	42.05 2.71 0.00	37.39 2.36 0.00	43.03 2.69 0.00	44.46 2.76 -0.06	42.19 2.55 -1.85	39.00 2.19 -1.48	42.54 2.16 0.00
NARROWS_GT2_6 24241	48.11 1.90 0.00	46.41 1.78 0.00	39.19 1.53 0.00	38.51 1.55 0.00	40.57 1.53 0.00	38.76 1.36 0.00	37.85 1.48 0.00	34.79 1.58 0.00	48.33 2.21 0.00	55.11 2.53 0.00	59.22 2.86 0.00	61.34 3.32 0.00	60.43 3.44 0.00	54.68 3.29 0.00	54.63 3.21 -0.03	41.76 2.45 0.00	41.96 2.57 0.00	42.05 2.71 0.00	37.39 2.36 0.00	43.03 2.69 0.00	44.46 2.76 -0.06	42.19 2.55 -1.85	39.00 2.19 -1.48	42.54 2.16 0.00
NARROWS_GT2_7 24242	48.11 1.90 0.00	46.41 1.78 0.00	39.19 1.53 0.00	38.51 1.55 0.00	40.57 1.53 0.00	38.76 1.36 0.00	37.85 1.48 0.00	34.79 1.58 0.00	48.33 2.21 0.00	55.11 2.53 0.00	59.22 2.86 0.00	61.34 3.32 0.00	60.43 3.44 0.00	54.68 3.29 0.00	54.63 3.21 -0.03	41.76 2.45 0.00	41.96 2.57 0.00	42.05 2.71 0.00	37.39 2.36 0.00	43.03 2.69 0.00	44.46 2.76 -0.06	42.19 2.55 -1.85	39.00 2.19 -1.48	42.54 2.16 0.00
NARROWS_GT2_8 24243	48.11 1.90 0.00	46.41 1.78 0.00	39.19 1.53 0.00	38.51 1.55 0.00	40.57 1.53 0.00	38.76 1.36 0.00	37.85 1.48 0.00	34.79 1.58 0.00	48.33 2.21 0.00	55.11 2.53 0.00	59.22 2.86 0.00	61.34 3.32 0.00	60.43 3.44 0.00	54.68 3.29 0.00	54.63 3.21 -0.03	41.76 2.45 0.00	41.96 2.57 0.00	42.05 2.71 0.00	37.39 2.36 0.00	43.03 2.69 0.00	44.46 2.76 -0.06	42.19 2.55 -1.85	39.00 2.19 -1.48	42.54 2.16 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	48.86 2.65 0.00	47.19 2.56 0.00	39.91 2.24 0.00	39.14 2.18 0.00	41.39 2.35 0.00	39.62 2.22 0.00	38.47 2.09 0.00	35.24 2.03 0.00	48.75 2.63 0.00	55.76 3.18 0.00	59.83 3.47 0.00	61.59 3.57 0.00	60.51 3.52 0.00	54.56 3.18 0.00	54.57 3.15 -0.03	41.67 2.36 0.00	41.63 2.25 0.00	41.52 2.18 0.00	37.04 2.01 0.00	42.86 2.52 0.00	44.29 2.58 -0.07	42.23 2.35 -2.10	39.33 2.32 -1.67	42.85 2.47 0.00
NCHELSEA_115KV_TR2 355582	48.23 2.02 0.00	46.49 1.86 0.00	39.24 1.57 0.00	38.52 1.56 0.00	40.67 1.62 0.00	38.92 1.52 0.00	38.04 1.67 0.00	34.94 1.73 0.00	48.62 2.50 0.00	55.54 2.96 0.00	59.68 3.32 0.00	61.78 3.76 0.00	60.79 3.80 0.00	54.88 3.49 0.00	54.78 3.36 -0.03	41.84 2.53 0.00	41.98 2.59 0.00	42.03 2.68 0.00	37.39 2.37 0.00	43.00 2.66 0.00	44.44 2.74 -0.06	42.11 2.47 -1.85	38.96 2.14 -1.48	42.54 2.16 0.00
NEG CAPITAL___MECHNVIL 23645	48.47 2.27 0.00	46.83 2.20 0.00	39.59 1.92 0.00	38.85 1.89 0.00	41.08 2.04 0.00	39.34 1.94 0.00	38.40 2.03 0.00	35.16 1.94 0.00	48.85 2.74 0.00	55.73 3.16 0.00	59.79 3.43 0.00	61.55 3.53 0.00	60.52 3.53 0.00	54.61 3.22 0.00	54.61 3.18 -0.03	41.68 2.37 0.00	41.66 2.27 0.00	41.60 2.26 0.00	37.05 2.02 0.00	42.75 2.42 0.00	44.25 2.53 -0.07	42.27 2.24 -2.25	39.11 1.98 -1.80	42.46 2.09 0.00

NEG CENTRAL_HIGH_ACRES 23767	44.15 -1.83 0.23	42.73 -1.90 0.00	35.96 -1.71 0.00	35.32 -1.64 0.00	37.31 -1.72 0.01	35.52 -1.45 0.43	34.96 -1.42 0.00	31.58 -1.54 0.09	44.18 -1.94 0.00	50.22 -2.35 0.00	53.66 -2.62 0.09	54.89 -3.13 0.00	53.75 -3.24 0.00	48.35 -3.04 0.00	48.25 -2.96 0.18	37.22 -2.09 0.00	37.34 -2.05 0.00	37.18 -2.16 0.00	33.07 -1.96 0.00	37.96 -2.37 0.00	39.21 -2.44 -0.01	35.72 -2.26 -0.20	33.43 -1.95 -0.04	38.47 -1.84 0.07
NEG CENTRAL___DRP 24199	45.91 -0.30 0.00	44.29 -0.33 0.00	37.28 -0.39 0.00	36.55 -0.41 0.00	38.62 -0.42 0.00	37.12 -0.28 0.00	36.20 -0.17 0.00	32.93 -0.28 0.00	45.91 -0.21 0.00	52.32 -0.25 0.00	56.11 -0.25 0.00	57.51 -0.50 0.00	56.23 -0.76 0.00	50.49 -0.90 0.00	50.28 -0.88 0.24	38.73 -0.59 0.00	38.89 -0.50 0.00	38.81 -0.53 0.00	34.59 -0.45 0.00	39.71 -0.63 0.00	40.98 -0.67 -0.01	37.35 -0.66 -0.22	34.95 -0.57 -0.18	39.88 -0.50 0.00
NEG CENTRAL___INDECK 23768	46.28 0.17 0.10	44.65 0.02 0.00	37.48 -0.19 0.00	36.72 -0.24 0.00	38.85 -0.19 0.00	37.41 0.19 0.19	36.77 0.40 0.00	33.31 0.14 0.04	46.76 0.64 0.00	53.11 0.54 0.00	56.79 0.47 0.04	57.78 -0.24 0.00	56.07 -0.92 0.00	49.99 -1.41 0.00	49.53 -1.31 0.56	38.53 -0.78 0.00	38.79 -0.60 0.00	38.68 -0.66 0.00	34.54 -0.49 0.00	39.61 -0.72 0.00	40.91 -0.74 -0.01	37.34 -0.75 -0.29	35.04 -0.48 -0.18	40.27 -0.08 0.03
NEG CENTRAL___SENECA 23627	45.97 -0.24 0.00	44.34 -0.29 0.00	37.28 -0.39 0.00	36.53 -0.42 0.00	38.61 -0.43 0.00	37.17 -0.23 0.00	36.33 -0.05 0.00	33.03 -0.18 0.00	46.11 -0.01 0.00	52.54 -0.04 0.00	56.36 0.00 0.00	57.67 -0.35 0.00	56.29 -0.70 0.00	50.48 -0.91 0.00	50.05 -0.90 0.45	38.73 -0.58 0.00	38.93 -0.46 0.00	38.85 -0.49 0.00	34.63 -0.40 0.00	39.72 -0.62 0.00	41.01 -0.64 -0.01	37.37 -0.67 -0.25	34.98 -0.55 -0.20	39.93 -0.45 0.00
NEG CENTRAL___STATE_STREET 24147	46.08 -0.13 0.00	44.48 -0.14 0.00	37.47 -0.20 0.00	36.73 -0.23 0.00	38.83 -0.22 0.00	37.26 -0.14 0.00	36.24 -0.13 0.00	33.01 -0.20 0.00	45.95 -0.17 0.00	52.38 -0.20 0.00	56.19 -0.17 0.00	57.71 -0.31 0.00	56.53 -0.45 0.00	50.83 -0.56 0.00	50.99 -0.53 -0.12	38.97 -0.35 0.00	39.08 -0.32 0.00	39.00 -0.34 0.00	34.74 -0.29 0.00	39.91 -0.42 0.00	41.21 -0.44 -0.01	37.57 -0.44 -0.22	35.13 -0.38 -0.17	40.06 -0.32 0.00
NEG MILLWOOD___DRP 24198	48.36 2.15 0.00	46.62 1.99 0.00	39.35 1.68 0.00	38.61 1.66 0.00	40.76 1.72 0.00	39.01 1.61 0.00	38.13 1.75 0.00	35.04 1.82 0.00	48.76 2.64 0.00	55.71 3.14 0.00	59.89 3.53 0.00	62.01 3.99 0.00	61.02 4.03 0.00	55.08 3.69 0.00	54.98 3.56 -0.03	42.00 2.69 0.00	42.14 2.75 0.00	42.18 2.84 0.00	37.51 2.48 0.00	43.16 2.82 0.00	44.60 2.89 -0.06	42.27 2.62 -1.87	39.11 2.28 -1.49	42.68 2.30 0.00
NEG NORTH_FLCN_SEA 23793	48.20 2.00 0.00	46.91 2.28 0.00	39.57 1.90 0.00	39.03 2.07 0.00	41.11 2.07 0.00	39.33 1.93 0.00	38.49 2.11 0.00	34.72 1.51 0.00	48.82 2.70 0.00	55.40 2.82 0.00	58.46 2.09 0.00	59.56 1.54 0.00	58.14 1.15 0.00	52.12 0.73 0.00	52.70 1.30 0.00	40.24 0.92 0.00	40.49 1.10 0.00	40.51 1.17 0.00	35.71 0.68 0.00	41.13 0.80 0.00	42.41 0.77 0.00	38.53 0.74 0.00	35.95 0.61 0.00	41.78 1.40 0.00
NEG NORTH_KES_CHATEGAY 23792	47.60 1.39 0.00	46.35 1.72 0.00	39.03 1.36 0.00	38.48 1.52 0.00	40.55 1.51 0.00	38.80 1.40 0.00	37.95 1.57 0.00	34.28 1.07 0.00	48.14 2.03 0.00	54.68 2.10 0.00	57.67 1.31 0.00	58.60 0.58 0.00	57.30 0.31 0.00	51.38 -0.01 0.00	51.87 0.48 0.00	39.64 0.33 0.00	39.97 0.58 0.00	39.93 0.59 0.00	35.19 0.16 0.00	40.49 0.15 0.00	41.79 0.15 0.00	37.95 0.16 0.00	35.50 0.16 0.00	41.34 0.96 0.00
NEG NORTH___ALICE_FALLS 23915	48.41 2.21 0.00	47.12 2.49 0.00	39.71 2.04 0.00	39.16 2.20 0.00	41.24 2.20 0.00	39.47 2.08 0.00	38.62 2.25 0.00	34.86 1.65 0.00	49.04 2.93 0.00	55.71 3.13 0.00	58.81 2.45 0.00	59.95 1.94 0.00	58.49 1.50 0.00	52.42 1.03 0.00	52.96 1.56 0.00	40.44 1.12 0.00	40.72 1.33 0.00	40.72 1.38 0.00	35.89 0.86 0.00	41.32 0.98 0.00	42.61 0.97 0.00	38.69 0.91 0.00	36.11 0.77 0.00	41.98 1.59 0.00
NEG NORTH___LWR_SARANAC 23913	48.41 2.21 0.00	47.12 2.49 0.00	39.71 2.04 0.00	39.16 2.20 0.00	41.24 2.20 0.00	39.47 2.08 0.00	38.62 2.25 0.00	34.86 1.65 0.00	49.04 2.93 0.00	55.71 3.13 0.00	58.81 2.45 0.00	59.95 1.94 0.00	58.49 1.50 0.00	52.42 1.03 0.00	52.96 1.56 0.00	40.44 1.12 0.00	40.72 1.33 0.00	40.72 1.38 0.00	35.89 0.86 0.00	41.32 0.98 0.00	42.61 0.97 0.00	38.69 0.91 0.00	36.11 0.77 0.00	41.98 1.59 0.00
NEG NORTH___PLATTSBURG 23628	48.41 2.20 0.00	47.12 2.49 0.00	39.71 2.04 0.00	39.16 2.21 0.00	41.24 2.19 0.00	39.47 2.08 0.00	38.64 2.26 0.00	34.88 1.67 0.00	49.04 2.93 0.00	55.71 3.13 0.00	58.81 2.45 0.00	59.95 1.94 0.00	58.49 1.50 0.00	52.46 1.07 0.00	52.96 1.56 0.00	40.43 1.12 0.00	40.71 1.33 0.00	40.72 1.38 0.00	35.89 0.86 0.00	41.33 0.99 0.00	42.61 0.97 0.00	38.69 0.90 0.00	36.13 0.79 0.00	41.98 1.60 0.00
NEG WEST_LEA_LOCKPORT 23791	44.09 -2.11 0.00	42.43 -2.20 0.00	35.66 -2.00 0.00	35.09 -1.87 0.00	36.99 -2.05 0.00	35.81 -1.60 0.00	34.77 -1.61 0.00	31.15 -2.07 0.00	43.56 -2.56 0.00	49.22 -3.35 0.00	52.47 -3.89 0.00	52.96 -5.06 0.00	51.76 -5.23 0.00	46.57 -4.82 0.00	46.48 -4.60 0.32	36.18 -3.13 0.00	36.37 -3.02 0.00	36.09 -3.25 0.00	32.02 -3.01 0.00	36.67 -3.66 0.00	37.87 -3.78 -0.01	34.57 -3.46 -0.25	32.81 -2.73 -0.20	38.21 -2.17 0.00
NEG WEST___LANCASTR 23811	45.80 -0.40 0.00	44.05 -0.57 0.00	37.03 -0.64 0.00	36.41 -0.54 0.00	38.43 -0.62 0.00	37.17 -0.23 0.00	36.17 -0.20 0.00	32.46 -0.75 0.00	45.38 -0.74 0.00	51.33 -1.25 0.00	54.86 -1.50 0.00	55.59 -2.43 0.00	54.34 -2.65 0.00	48.88 -2.51 0.00	48.80 -2.19 0.40	37.99 -1.33 0.00	38.12 -1.28 0.00	37.84 -1.51 0.00	33.64 -1.39 0.00	38.55 -1.79 0.00	39.83 -1.82 -0.01	36.34 -1.73 -0.29	34.33 -1.24 -0.23	39.71 -0.67 0.00
NEG_PENN_ALLEGHNY 23528	46.48 0.04 -0.24	44.64 0.01 0.00	37.57 -0.10 0.00	36.82 -0.14 0.00	38.88 -0.18 -0.01	37.74 -0.11 -0.45	36.39 0.01 0.00	33.25 -0.06 -0.09	46.26 0.14 0.00	52.75 0.18 0.00	56.77 0.32 -0.09	58.31 0.29 0.00	57.12 0.13 0.00	51.31 -0.08 0.00	51.39 -0.04 -0.03	39.26 -0.05 0.00	39.42 0.03 0.00	39.35 0.01 0.00	35.06 0.03 0.00	40.27 -0.07 0.00	41.60 -0.06 -0.02	38.26 -0.09 -0.57	35.81 -0.11 -0.58	40.35 -0.11 -0.07
NEG___GEN_MONROE 24207	45.17 -1.04 0.00	43.47 -1.16 0.00	36.58 -1.09 0.00	35.95 -1.01 0.00	37.94 -1.11 0.00	36.63 -0.77 0.00	35.62 -0.76 0.00	32.16 -1.05 0.00	44.93 -1.19 0.00	50.99 -1.59 0.00	54.54 -1.82 0.00	55.50 -2.52 0.00	54.35 -2.64 0.00	48.91 -2.49 0.00	48.82 -2.35 0.23	37.73 -1.59 0.00	37.88 -1.51 0.00	37.67 -1.67 0.00	33.49 -1.54 0.00	38.43 -1.91 0.00	39.67 -1.98 -0.01	36.15 -1.84 -0.21	34.03 -1.47 -0.17	39.22 -1.16 0.00

NEPA__ENERGY 23901	45.20 -1.01 0.00	43.45 -1.18 0.00	36.53 -1.14 0.00	35.92 -1.04 0.00	37.89 -1.16 0.00	36.74 -0.66 0.00	35.77 -0.61 0.00	32.15 -1.07 0.00	44.98 -1.14 0.00	50.84 -1.73 0.00	54.23 -2.13 0.00	54.80 -3.22 0.00	53.51 -3.48 0.00	48.03 -3.36 0.00	47.81 -3.19 0.39	37.25 -2.06 0.00	37.30 -2.09 0.00	37.01 -2.34 0.00	32.79 -2.24 0.00	37.52 -2.82 0.00	38.79 -2.87 -0.01	35.40 -2.66 -0.28	33.44 -2.12 -0.22	38.88 -1.50 0.00
NEVERSINK__HYD 23608	47.95 1.74 0.00	46.21 1.58 0.00	39.00 1.33 0.00	38.29 1.33 0.00	40.43 1.38 0.00	38.71 1.31 0.00	37.86 1.48 0.00	34.76 1.55 0.00	48.45 2.33 0.00	55.35 2.77 0.00	59.48 3.12 0.00	61.52 3.51 0.00	60.51 3.52 0.00	54.59 3.20 0.00	54.49 3.07 -0.02	41.62 2.31 0.00	41.76 2.37 0.00	41.81 2.46 0.00	37.20 2.17 0.00	42.73 2.40 0.00	44.14 2.45 -0.05	41.60 2.19 -1.62	38.50 1.86 -1.29	42.26 1.88 0.00
NEWKRMKL_115KV_TB1 55635	47.50 1.30 0.00	45.90 1.27 0.00	38.80 1.13 0.00	38.07 1.11 0.00	40.22 1.18 0.00	38.49 1.08 0.00	37.30 0.93 0.00	34.13 0.92 0.00	47.00 0.89 0.00	53.65 1.07 0.00	57.54 1.18 0.00	59.28 1.27 0.00	58.32 1.33 0.00	52.68 1.28 0.00	52.69 1.26 -0.03	40.28 0.97 0.00	40.25 0.86 0.00	40.22 0.87 0.00	35.89 0.86 0.00	41.60 1.27 0.00	42.99 1.28 -0.07	41.26 1.26 -2.21	38.42 1.32 -1.76	41.67 1.30 0.00
NEWTON__FALLS_HYD 23847	46.90 0.69 0.00	45.30 0.67 0.00	38.16 0.49 0.00	37.44 0.48 0.00	39.58 0.53 0.00	38.03 0.63 0.00	37.18 0.81 0.00	33.75 0.54 0.00	47.17 1.06 0.00	53.81 1.23 0.00	57.30 0.94 0.00	58.50 0.48 0.00	57.36 0.37 0.00	51.41 0.02 0.00	51.49 0.09 0.00	39.32 0.01 0.00	39.51 0.12 0.00	39.40 0.06 0.00	34.91 -0.13 0.00	40.38 0.04 0.00	41.73 0.09 0.00	37.88 0.04 -0.05	35.39 0.01 -0.04	40.84 0.46 0.00
NGRID_A1_DSASP 323792	42.73 -2.87 0.61	41.65 -2.97 0.00	34.99 -2.68 0.00	34.39 -2.56 0.01	36.30 -2.71 0.03	34.04 -2.19 1.17	34.20 -2.17 0.00	30.39 -2.58 0.24	42.81 -3.31 0.00	48.31 -4.26 0.00	51.23 -4.90 0.23	51.90 -6.12 0.00	50.74 -6.26 0.00	45.63 -5.76 0.00	45.48 -5.52 0.40	35.50 -3.81 0.00	35.71 -3.68 0.00	35.44 -3.90 0.00	31.45 -3.58 0.00	36.01 -4.33 0.00	37.20 -4.45 -0.01	33.96 -4.08 -0.25	31.91 -3.30 0.13	37.33 -2.86 0.19
NGRID_A2_DSASP 323793	42.73 -2.87 0.61	41.65 -2.97 0.00	34.99 -2.68 0.00	34.39 -2.56 0.01	36.30 -2.71 0.03	34.04 -2.19 1.17	34.20 -2.17 0.00	30.39 -2.58 0.24	42.81 -3.31 0.00	48.31 -4.26 0.00	51.23 -4.90 0.23	51.90 -6.12 0.00	50.74 -6.26 0.00	45.63 -5.76 0.00	45.48 -5.52 0.40	35.50 -3.81 0.00	35.71 -3.68 0.00	35.44 -3.90 0.00	31.45 -3.58 0.00	36.01 -4.33 0.00	37.20 -4.45 -0.01	33.96 -4.08 -0.25	31.91 -3.30 0.13	37.33 -2.86 0.19
NGRID_A4_DSASP 323807	42.73 -2.87 0.61	41.65 -2.97 0.00	34.99 -2.68 0.00	34.39 -2.56 0.01	36.30 -2.71 0.03	34.04 -2.19 1.17	34.20 -2.17 0.00	30.39 -2.58 0.24	42.81 -3.31 0.00	48.31 -4.26 0.00	51.23 -4.90 0.23	51.90 -6.12 0.00	50.74 -6.26 0.00	45.63 -5.76 0.00	45.48 -5.52 0.40	35.50 -3.81 0.00	35.71 -3.68 0.00	35.44 -3.90 0.00	31.45 -3.58 0.00	36.01 -4.33 0.00	37.20 -4.45 -0.01	33.96 -4.08 -0.25	31.91 -3.30 0.13	37.33 -2.86 0.19
NIAGARA_115E_LBMP 323715	42.84 -2.77 0.60	41.83 -2.80 0.00	35.14 -2.53 0.00	34.53 -2.42 0.01	36.43 -2.58 0.03	34.11 -2.15 1.15	34.19 -2.19 0.00	30.34 -2.64 0.23	42.73 -3.38 0.00	48.26 -4.31 0.00	51.17 -4.96 0.23	51.86 -6.16 0.00	50.72 -6.27 0.00	45.63 -5.76 0.00	45.45 -5.55 0.40	35.50 -3.82 0.00	35.70 -3.69 0.00	35.39 -3.95 0.00	31.41 -3.62 0.00	35.94 -4.39 0.00	37.12 -4.53 -0.01	33.92 -4.12 -0.25	31.89 -3.32 0.13	37.46 -2.73 0.19
NIAGARA_115W_LBMP 323714	42.64 -2.95 0.61	41.58 -3.05 0.00	34.92 -2.74 0.00	34.32 -2.63 0.01	36.23 -2.78 0.03	33.98 -2.26 1.17	34.13 -2.24 0.00	30.33 -2.64 0.24	42.71 -3.40 0.00	48.21 -4.37 0.00	51.11 -5.01 0.23	51.79 -6.23 0.00	50.63 -6.36 0.00	45.55 -5.84 0.00	45.39 -5.61 0.39	35.43 -3.88 0.00	35.64 -3.75 0.00	35.38 -3.97 0.00	31.40 -3.64 0.00	35.94 -4.39 0.00	37.12 -4.53 -0.01	33.89 -4.15 -0.25	31.85 -3.36 0.13	37.26 -2.93 0.19
NIAGARA_230_LBMP 323716	43.00 -2.60 0.61	41.95 -2.68 0.00	35.24 -2.43 0.00	34.64 -2.31 0.01	36.58 -2.43 0.03	34.26 -1.98 1.16	34.42 -1.95 0.00	30.61 -2.37 0.24	43.11 -3.00 0.00	48.66 -3.91 0.00	51.62 -4.51 0.23	52.37 -5.65 0.00	51.19 -5.80 0.00	46.05 -5.34 0.00	45.90 -5.11 0.39	35.81 -3.51 0.00	35.98 -3.41 0.00	35.73 -3.61 0.00	31.72 -3.31 0.00	36.33 -4.01 0.00	37.53 -4.12 -0.01	34.26 -3.77 -0.25	32.15 -3.05 0.13	37.59 -2.60 0.19
NIAGARA__115KV_198_GIBSON 55903	43.24 -2.97 0.00	41.58 -3.04 0.00	34.95 -2.71 0.00	34.39 -2.57 0.00	36.25 -2.79 0.00	35.15 -2.25 0.00	34.14 -2.24 0.00	30.56 -2.65 0.00	42.71 -3.41 0.00	48.21 -4.36 0.00	51.35 -5.01 0.00	51.76 -6.26 0.00	50.62 -6.37 0.00	45.56 -5.83 0.00	45.46 -5.61 0.33	35.43 -3.88 0.00	35.63 -3.76 0.00	35.38 -3.96 0.00	31.40 -3.63 0.00	35.96 -4.38 0.00	37.12 -4.53 -0.01	33.89 -4.15 -0.25	32.19 -3.35 -0.20	37.45 -2.94 0.00
NIAGARA____ 23760	43.01 -2.60 0.60	41.95 -2.68 0.00	35.24 -2.43 0.00	34.64 -2.31 0.01	36.58 -2.43 0.03	34.27 -1.98 1.15	34.42 -1.95 0.00	30.61 -2.37 0.24	43.11 -3.00 0.00	48.66 -3.91 0.00	51.62 -4.51 0.23	52.37 -5.65 0.00	51.19 -5.80 0.00	46.05 -5.34 0.00	45.90 -5.11 0.39	35.81 -3.51 0.00	35.98 -3.41 0.00	35.73 -3.61 0.00	31.72 -3.31 0.00	36.33 -4.01 0.00	37.53 -4.12 -0.01	34.26 -3.77 -0.25	32.16 -3.05 0.13	37.59 -2.60 0.19
NINE_MILE_1 23575	44.82 -1.39 0.00	43.29 -1.34 0.00	36.50 -1.17 0.00	35.81 -1.15 0.00	37.83 -1.21 0.00	36.26 -1.14 0.00	35.16 -1.21 0.00	32.02 -1.19 0.00	44.44 -1.68 0.00	50.64 -1.94 0.00	54.28 -2.08 0.00	55.80 -2.22 0.00	54.76 -2.23 0.00	49.35 -2.04 0.00	49.36 -2.04 0.00	37.79 -1.52 0.00	37.87 -1.52 0.00	37.80 -1.54 0.00	33.67 -1.36 0.00	38.72 -1.61 0.00	39.97 -1.67 0.00	36.37 -1.52 -0.10	34.05 -1.37 -0.08	38.97 -1.42 0.00
NINE_MILE_2 23744	44.83 -1.38 0.00	43.29 -1.34 0.00	36.50 -1.17 0.00	35.81 -1.15 0.00	37.83 -1.21 0.00	36.26 -1.14 0.00	35.16 -1.21 0.00	32.02 -1.19 0.00	44.44 -1.68 0.00	50.64 -1.94 0.00	54.28 -2.08 0.00	55.80 -2.22 0.00	54.76 -2.23 0.00	49.35 -2.04 0.00	49.37 -2.03 0.00	37.79 -1.52 0.00	37.87 -1.52 0.00	37.81 -1.54 0.00	33.67 -1.36 0.00	38.72 -1.61 0.00	39.98 -1.67 0.00	36.37 -1.52 -0.10	34.06 -1.37 -0.08	38.97 -1.42 0.00
NM_CAPITAL__DRP 24208	47.49 1.28 0.00	45.91 1.28 0.00	38.82 1.15 0.00	38.07 1.12 0.00	40.25 1.21 0.00	38.50 1.10 0.00	37.35 0.98 0.00	34.17 0.96 0.00	47.12 1.01 0.00	53.77 1.20 0.00	57.65 1.29 0.00	59.40 1.38 0.00	58.43 1.44 0.00	52.80 1.41 0.00	52.82 1.39 -0.03	40.37 1.06 0.00	40.33 0.94 0.00	40.30 0.96 0.00	35.95 0.92 0.00	41.62 1.29 0.00	43.04 1.32 -0.07	41.27 1.28 -2.21	38.40 1.31 -1.76	41.67 1.29 0.00

NM_CENTRAL___DRP 24181	45.59 -0.62 0.00	44.01 -0.62 0.00	37.11 -0.55 0.00	36.40 -0.56 0.00	38.46 -0.58 0.00	36.89 -0.51 0.00	35.83 -0.54 0.00	32.64 -0.57 0.00	45.36 -0.75 0.00	51.71 -0.86 0.00	55.47 -0.89 0.00	57.02 -1.00 0.00	55.95 -1.05 0.00	50.38 -1.01 0.00	50.37 -1.03 0.00	38.59 -0.73 0.00	38.66 -0.73 0.00	38.58 -0.76 0.00	34.35 -0.68 0.00	39.51 -0.83 0.00	40.78 -0.86 0.00	37.11 -0.82 -0.15	34.74 -0.73 -0.12	39.67 -0.71 0.00
NM_FRONTIER___DRP 24179	43.24 -2.97 0.00	41.58 -3.04 0.00	34.95 -2.71 0.00	34.39 -2.57 0.00	36.25 -2.79 0.00	35.15 -2.25 0.00	34.14 -2.24 0.00	30.56 -2.65 0.00	42.71 -3.41 0.00	48.21 -4.36 0.00	51.35 -5.01 0.00	51.76 -6.26 0.00	50.62 -6.37 0.00	45.56 -5.83 0.00	45.46 -5.61 0.33	35.43 -3.88 0.00	35.63 -3.76 0.00	35.38 -3.96 0.00	31.40 -3.63 0.00	35.96 -4.38 0.00	37.12 -4.53 -0.01	33.89 -4.15 -0.25	32.19 -3.35 -0.20	37.45 -2.94 0.00
NM_ST_REGIS___HYD 24053	47.81 1.60 0.00	46.41 1.78 0.00	39.04 1.37 0.00	38.42 1.46 0.00	40.50 1.46 0.00	38.83 1.43 0.00	38.00 1.62 0.00	34.36 1.15 0.00	48.20 2.09 0.00	54.83 2.25 0.00	57.92 1.56 0.00	58.82 0.80 0.00	57.57 0.58 0.00	51.59 0.20 0.00	51.96 0.57 0.00	39.71 0.40 0.00	40.06 0.67 0.00	39.98 0.64 0.00	35.26 0.23 0.00	40.64 0.30 0.00	41.98 0.34 0.00	38.14 0.32 -0.04	35.68 0.32 -0.03	41.49 1.12 0.00
NORTHPORT___1 23551	48.51 2.30 0.00	46.67 2.04 0.00	39.44 1.78 0.00	38.69 1.73 0.00	40.94 1.90 0.00	39.10 1.70 0.00	38.40 2.03 0.00	35.40 2.19 0.00	48.90 2.78 0.00	55.89 3.31 0.00	60.20 3.83 0.00	62.15 4.13 0.00	64.73 4.18 -3.56	71.25 3.97 -15.89	71.16 4.09 -15.67	60.30 3.03 -17.96	52.58 3.00 -10.18	55.79 3.10 -13.35	56.09 2.76 -18.30	43.47 3.13 0.00	44.71 3.00 -0.06	44.60 2.94 -3.88	39.29 2.48 -1.48	42.96 2.58 0.00
NORTHPORT___2 23552	48.51 2.30 0.00	46.67 2.04 0.00	39.44 1.78 0.00	38.69 1.73 0.00	40.94 1.90 0.00	39.10 1.70 0.00	38.40 2.03 0.00	35.40 2.19 0.00	48.90 2.78 0.00	55.89 3.31 0.00	60.20 3.83 0.00	62.15 4.13 0.00	64.73 4.18 -3.56	71.25 3.97 -15.89	71.16 4.09 -15.67	60.30 3.03 -17.96	52.58 3.00 -10.18	55.79 3.10 -13.35	56.09 2.76 -18.30	43.47 3.13 0.00	44.71 3.00 -0.06	44.60 2.94 -3.88	39.29 2.48 -1.48	42.96 2.58 0.00
NORTHPORT___3 23553	47.98 1.77 0.00	46.16 1.54 0.00	39.00 1.33 0.00	38.25 1.29 0.00	40.47 1.42 0.00	38.65 1.25 0.00	37.90 1.52 0.00	34.94 1.73 0.00	48.37 2.25 0.00	55.26 2.68 0.00	59.43 3.07 0.00	61.49 3.47 0.00	61.05 3.58 -0.49	70.70 3.36 -15.95	70.62 3.46 -15.76	59.94 2.55 -18.07	52.20 2.56 -10.25	55.43 2.64 -13.44	55.85 2.63 -18.44	43.02 2.37 0.00	44.29 2.59 -0.06	44.21 2.52 -3.90	38.94 2.13 -1.48	42.52 2.13 0.00
NORTHPORT___4 23650	47.98 1.77 0.00	46.16 1.54 0.00	39.00 1.33 0.00	38.25 1.29 0.00	40.47 1.42 0.00	38.65 1.25 0.00	37.90 1.52 0.00	34.94 1.73 0.00	48.37 2.25 0.00	55.26 2.68 0.00	59.43 3.07 0.00	61.49 3.47 0.00	61.05 3.58 -0.49	70.70 3.36 -15.95	70.62 3.46 -15.76	59.94 2.55 -18.07	52.20 2.56 -10.25	55.43 2.64 -13.44	55.85 2.63 -18.44	43.02 2.37 0.00	44.29 2.59 -0.06	44.21 2.52 -3.90	38.94 2.13 -1.48	42.52 2.13 0.00
NORTHPORT___IC 23718	48.52 2.31 0.00	46.67 2.04 0.00	39.43 1.77 0.00	38.70 1.74 0.00	40.95 1.91 0.00	39.09 1.69 0.00	38.39 2.02 0.00	35.40 2.19 0.00	48.90 2.78 0.00	55.89 3.31 0.00	60.19 3.83 0.00	62.15 4.13 0.00	64.78 4.22 -3.56	71.23 3.96 -15.89	71.17 4.10 -15.67	60.28 3.02 -17.96	52.57 2.99 -10.18	55.78 3.09 -13.35	56.09 2.76 -18.30	43.46 3.13 0.00	44.71 3.00 -0.06	44.60 2.94 -3.88	39.29 2.48 -1.48	42.96 2.58 0.00
NORTH___COUNTRY_ESR 323785	47.47 1.27 0.00	46.24 1.61 0.00	38.94 1.28 0.00	38.40 1.44 0.00	40.46 1.42 0.00	38.72 1.32 0.00	37.87 1.50 0.00	34.19 0.98 0.00	48.00 1.89 0.00	54.52 1.95 0.00	57.52 1.16 0.00	58.44 0.42 0.00	57.14 0.15 0.00	51.27 -0.12 0.00	51.74 0.34 0.00	39.54 0.23 0.00	39.86 0.47 0.00	39.82 0.48 0.00	35.08 0.05 0.00	40.38 0.05 0.00	41.67 0.03 0.00	37.85 0.06 0.00	35.43 0.09 0.00	41.25 0.86 0.00
NPX_GEN_1385_PROXY 323591	48.18 1.97 0.00	46.36 1.73 0.00	39.44 1.78 0.00	38.69 1.73 0.00	40.94 1.90 0.00	37.54 1.72 1.58	38.57 2.57 0.37	36.09 2.88 0.00	49.57 3.45 0.00	56.78 4.20 0.00	61.12 4.76 0.00	62.54 4.52 0.00	65.27 4.71 -3.56	72.00 4.72 -15.89	71.82 4.75 -15.67	60.62 3.35 -17.96	52.61 3.03 -10.18	55.98 3.29 -13.35	56.26 2.93 -18.30	42.64 3.13 0.82	44.15 2.44 -0.06	44.28 2.61 -3.88	38.66 1.85 -1.48	42.52 2.14 0.00
NPX_GEN_CSC 323557	48.88 2.67 0.00	46.94 2.31 0.00	39.63 1.96 0.00	38.86 1.90 0.00	41.39 2.35 0.00	37.89 2.07 1.58	38.16 2.16 0.37	35.48 2.27 0.00	49.19 3.08 0.00	56.06 3.48 0.00	59.94 3.57 0.00	62.04 4.02 0.00	63.75 4.13 -2.63	71.40 3.92 -16.09	71.78 4.50 -15.88	60.68 3.17 -18.20	52.86 3.15 -10.32	56.07 3.20 -13.53	56.66 3.08 -18.55	42.99 3.48 0.82	45.13 3.43 -0.06	45.04 3.34 -3.91	39.66 2.84 -1.48	43.27 2.89 0.00
NSINS_S___GLNS_FALLS 23858	49.03 2.83 0.00	47.39 2.76 0.00	40.10 2.43 0.00	39.36 2.40 0.00	41.64 2.60 0.00	39.91 2.51 0.00	39.06 2.68 0.00	35.73 2.51 0.00	49.71 3.60 0.00	56.68 4.11 0.00	60.81 4.45 0.00	62.59 4.57 0.00	61.54 4.55 0.00	55.48 4.09 0.00	55.50 4.07 -0.03	42.32 3.01 0.00	42.25 2.86 0.00	42.19 2.85 0.00	37.62 2.59 0.00	43.42 3.08 0.00	44.97 3.25 -0.07	42.88 2.83 -2.27	39.59 2.45 -1.81	42.98 2.60 0.00
NUCOR_STEEL___DRP 24197	46.03 -0.18 0.00	44.44 -0.19 0.00	37.43 -0.24 0.00	36.70 -0.26 0.00	38.79 -0.25 0.00	37.22 -0.18 0.00	36.19 -0.19 0.00	32.95 -0.26 0.00	45.86 -0.26 0.00	52.28 -0.30 0.00	56.08 -0.28 0.00	57.61 -0.41 0.00	56.46 -0.53 0.00	50.77 -0.62 0.00	50.94 -0.59 -0.14	38.92 -0.39 0.00	39.02 -0.37 0.00	38.95 -0.39 0.00	34.68 -0.35 0.00	39.86 -0.48 0.00	41.16 -0.49 -0.01	37.51 -0.49 -0.21	35.09 -0.42 -0.17	40.01 -0.37 0.00
NUMBER_THREE_WT_PWR 323818	46.58 0.37 0.00	44.81 0.18 0.00	37.84 0.17 0.00	37.16 0.20 0.00	39.38 0.33 0.00	37.88 0.48 0.00	37.00 0.62 0.00	33.70 0.49 0.00	46.89 0.78 0.00	53.64 1.07 0.00	57.62 1.26 0.00	59.25 1.23 0.00	58.16 1.17 0.00	52.15 0.76 0.00	51.95 0.55 0.00	39.62 0.30 0.00	39.61 0.22 0.00	39.48 0.13 0.00	35.14 0.11 0.00	40.82 0.48 0.00	42.20 0.56 0.00	38.28 0.43 -0.06	35.72 0.33 -0.05	40.88 0.50 0.00
NYISO_LBMP_REFERENCE 24008	46.21 0.00 0.00	44.63 0.00 0.00	37.67 0.00 0.00	36.96 0.00 0.00	39.04 0.00 0.00	37.40 0.00 0.00	36.37 0.00 0.00	33.21 0.00 0.00	46.11 0.00 0.00	52.58 0.00 0.00	56.36 0.00 0.00	58.02 0.00 0.00	56.99 0.00 0.00	51.39 0.00 0.00	51.40 0.00 0.00	39.31 0.00 0.00	39.39 0.00 0.00	39.34 0.00 0.00	35.03 0.00 0.00	40.34 0.00 0.00	41.64 0.00 0.00	37.78 0.00 0.00	35.34 0.00 0.00	40.38 0.00 0.00

NYPA_BRENTWD____GT 24164	48.91 2.70 0.00	47.02 2.40 0.00	39.72 2.05 0.00	38.95 1.99 0.00	41.22 2.18 0.00	39.37 1.97 0.00	38.62 2.25 0.00	35.59 2.37 0.00	49.29 3.17 0.00	56.37 3.79 0.00	60.64 4.28 0.00	62.71 4.69 0.00	66.76 4.76 -5.01	72.27 4.46 -16.41	72.21 4.62 -16.19	61.26 3.42 -18.54	53.30 3.40 -10.51	56.60 3.48 -13.77	56.99 3.08 -18.88	43.86 3.52 0.00	45.16 3.46 -0.06	45.04 3.31 -3.95	39.64 2.83 -1.48	43.32 2.94 0.00
NYPA_GOWANUS____GT5 24156	48.06 1.86 0.00	46.39 1.76 0.00	39.17 1.50 0.00	38.49 1.53 0.00	40.57 1.52 0.00	38.75 1.35 0.00	37.83 1.46 0.00	34.77 1.56 0.00	48.30 2.19 0.00	55.09 2.51 0.00	59.18 2.82 0.00	61.31 3.29 0.00	60.40 3.41 0.00	54.64 3.25 0.00	54.59 3.17 -0.03	41.74 2.43 0.00	41.93 2.54 0.00	42.02 2.68 0.00	37.37 2.34 0.00	43.00 2.66 0.00	44.43 2.73 -0.06	42.17 2.53 -1.85	38.98 2.16 -1.48	42.52 2.14 0.00
NYPA_GOWANUS____GT6 24157	48.06 1.86 0.00	46.39 1.76 0.00	39.17 1.50 0.00	38.49 1.53 0.00	40.57 1.52 0.00	38.75 1.35 0.00	37.83 1.46 0.00	34.77 1.56 0.00	48.30 2.19 0.00	55.09 2.51 0.00	59.18 2.82 0.00	61.31 3.29 0.00	60.40 3.41 0.00	54.64 3.25 0.00	54.59 3.17 -0.03	41.74 2.43 0.00	41.93 2.54 0.00	42.02 2.68 0.00	37.37 2.34 0.00	43.00 2.66 0.00	44.43 2.73 -0.06	42.17 2.53 -1.85	38.98 2.16 -1.48	42.52 2.14 0.00
NYPA_HARLEM__RVR__GT1 24160	47.83 1.62 0.00	46.23 1.61 0.00	39.09 1.42 0.00	38.52 1.55 0.00	40.51 1.47 0.00	38.67 1.27 0.00	37.76 1.39 0.00	34.72 1.50 0.00	48.18 2.06 0.00	54.89 2.32 0.00	59.03 2.66 0.00	61.13 3.11 0.00	60.21 3.22 0.00	54.45 3.06 0.00	54.44 3.02 -0.03	41.59 2.28 0.00	41.77 2.38 0.00	41.81 2.47 0.00	37.20 2.17 0.00	42.80 2.46 0.00	44.24 2.53 -0.06	42.03 2.39 -1.85	38.86 2.05 -1.48	42.37 1.99 0.00
NYPA_HARLEM__RVR__GT2 24161	47.83 1.62 0.00	46.23 1.61 0.00	39.09 1.42 0.00	38.52 1.55 0.00	40.51 1.47 0.00	38.67 1.27 0.00	37.76 1.39 0.00	34.72 1.50 0.00	48.18 2.06 0.00	54.89 2.32 0.00	59.03 2.66 0.00	61.13 3.11 0.00	60.21 3.22 0.00	54.45 3.06 0.00	54.44 3.02 -0.03	41.59 2.28 0.00	41.77 2.38 0.00	41.81 2.47 0.00	37.20 2.17 0.00	42.80 2.46 0.00	44.24 2.53 -0.06	42.03 2.39 -1.85	38.86 2.05 -1.48	42.37 1.99 0.00
NYPA_KENT____GT 24152	48.12 1.91 0.00	46.43 1.80 0.00	39.21 1.55 0.00	38.53 1.57 0.00	40.60 1.56 0.00	38.79 1.39 0.00	37.87 1.49 0.00	34.81 1.59 0.00	48.35 2.23 0.00	55.15 2.57 0.00	59.24 2.87 0.00	61.35 3.33 0.00	60.44 3.45 0.00	54.68 3.29 0.00	54.62 3.20 -0.03	41.76 2.45 0.00	41.96 2.57 0.00	42.03 2.69 0.00	37.38 2.35 0.00	43.02 2.68 0.00	44.44 2.74 -0.06	42.18 2.54 -1.85	39.00 2.19 -1.48	42.56 2.17 0.00
NYPA_POUCH1____GT 24155	47.96 1.75 0.00	46.28 1.65 0.00	39.09 1.43 0.00	38.41 1.45 0.00	40.48 1.44 0.00	38.67 1.27 0.00	37.75 1.37 0.00	34.69 1.48 0.00	48.19 2.08 0.00	54.93 2.36 0.00	59.02 2.66 0.00	61.16 3.15 0.00	60.25 3.26 0.00	54.52 3.13 0.00	54.46 3.04 -0.03	41.63 2.31 0.00	41.84 2.45 0.00	41.94 2.59 0.00	37.30 2.27 0.00	42.92 2.59 0.00	44.34 2.64 -0.06	42.09 2.45 -1.85	38.90 2.08 -1.48	42.42 2.04 0.00
NYPA_VERNON____GT2 24162	48.16 1.95 0.00	46.46 1.84 0.00	39.23 1.57 0.00	38.55 1.60 0.00	40.64 1.60 0.00	38.81 1.41 0.00	37.88 1.51 0.00	34.83 1.61 0.00	48.37 2.25 0.00	55.15 2.58 0.00	59.26 2.90 0.00	61.36 3.34 0.00	60.44 3.45 0.00	54.67 3.28 0.00	54.61 3.19 -0.03	41.77 2.46 0.00	41.95 2.56 0.00	42.02 2.68 0.00	37.36 2.33 0.00	43.01 2.67 0.00	44.43 2.73 -0.06	42.17 2.53 -1.85	39.01 2.20 -1.48	42.58 2.20 0.00
NYPA_VERNON____GT3 24163	48.16 1.95 0.00	46.46 1.84 0.00	39.23 1.57 0.00	38.55 1.60 0.00	40.64 1.60 0.00	38.81 1.41 0.00	37.88 1.51 0.00	34.83 1.61 0.00	48.37 2.25 0.00	55.15 2.58 0.00	59.26 2.90 0.00	61.36 3.34 0.00	60.44 3.45 0.00	54.67 3.28 0.00	54.61 3.19 -0.03	41.77 2.46 0.00	41.95 2.56 0.00	42.02 2.68 0.00	37.36 2.33 0.00	43.01 2.67 0.00	44.43 2.73 -0.06	42.17 2.53 -1.85	39.01 2.20 -1.48	42.58 2.20 0.00
NYPA__ASTORIA_CC1 323568	48.10 1.89 0.00	46.41 1.78 0.00	39.20 1.53 0.00	38.52 1.56 0.00	40.59 1.55 0.00	38.76 1.36 0.00	37.84 1.46 0.00	34.79 1.58 0.00	48.30 2.19 0.00	55.08 2.50 0.00	59.18 2.82 0.00	61.29 3.27 0.00	60.35 3.36 0.00	54.59 3.20 0.00	54.54 3.12 -0.03	41.72 2.41 0.00	41.90 2.51 0.00	41.96 2.61 0.00	37.31 2.28 0.00	42.95 2.61 0.00	44.38 2.68 -0.06	42.13 2.49 -1.85	38.97 2.15 -1.48	42.53 2.15 0.00
NYPA__ASTORIA_CC2 323569	48.10 1.89 0.00	46.41 1.78 0.00	39.20 1.53 0.00	38.52 1.56 0.00	40.59 1.55 0.00	38.76 1.36 0.00	37.84 1.46 0.00	34.79 1.58 0.00	48.30 2.19 0.00	55.08 2.50 0.00	59.18 2.82 0.00	61.29 3.27 0.00	60.35 3.36 0.00	54.59 3.20 0.00	54.54 3.12 -0.03	41.72 2.41 0.00	41.90 2.51 0.00	41.96 2.61 0.00	37.31 2.28 0.00	42.95 2.61 0.00	44.38 2.68 -0.06	42.13 2.49 -1.85	38.97 2.15 -1.48	42.53 2.15 0.00
NYPA__HOLTSVILL 23794	48.65 2.44 0.00	46.76 2.13 0.00	39.50 1.83 0.00	38.74 1.77 0.00	41.03 1.98 0.00	39.18 1.78 0.00	38.37 2.00 0.00	35.34 2.13 0.00	48.96 2.85 0.00	55.98 3.41 0.00	60.14 3.78 0.00	62.20 4.18 0.00	63.75 4.28 -2.48	71.50 4.06 -16.06	71.50 4.25 -15.85	60.60 3.12 -18.17	52.79 3.10 -10.31	56.01 3.17 -13.51	56.41 2.85 -18.52	43.58 3.24 0.00	44.88 3.17 -0.06	44.77 3.08 -3.91	39.43 2.62 -1.48	43.05 2.67 0.00
NYPA__HELLGATE_GT1 24158	47.87 1.66 0.00	46.25 1.62 0.00	39.09 1.42 0.00	38.52 1.55 0.00	40.51 1.47 0.00	38.67 1.27 0.00	37.76 1.39 0.00	34.72 1.50 0.00	48.18 2.06 0.00	54.89 2.32 0.00	59.03 2.66 0.00	61.13 3.11 0.00	60.21 3.22 0.00	54.45 3.06 0.00	54.44 3.02 -0.03	41.59 2.28 0.00	41.77 2.38 0.00	41.81 2.47 0.00	37.20 2.17 0.00	42.80 2.46 0.00	44.24 2.53 -0.06	42.03 2.39 -1.85	38.86 2.05 -1.48	42.37 1.99 0.00
NYPA__HELLGATE_GT2 24159	47.87 1.66 0.00	46.25 1.62 0.00	39.09 1.42 0.00	38.52 1.55 0.00	40.51 1.47 0.00	38.67 1.27 0.00	37.76 1.39 0.00	34.72 1.50 0.00	48.18 2.06 0.00	54.89 2.32 0.00	59.03 2.66 0.00	61.13 3.11 0.00	60.21 3.22 0.00	54.45 3.06 0.00	54.44 3.02 -0.03	41.59 2.28 0.00	41.77 2.38 0.00	41.81 2.47 0.00	37.20 2.17 0.00	42.80 2.46 0.00	44.24 2.53 -0.06	42.03 2.39 -1.85	38.86 2.05 -1.48	42.37 1.99 0.00
NYS_BARGE__HYD 23848	43.59 -2.07 0.55	42.46 -2.17 0.00	35.67 -2.00 0.00	35.05 -1.90 0.01	36.99 -2.03 0.03	34.77 -1.59 1.04	34.77 -1.61 0.00	30.95 -2.05 0.21	43.56 -2.55 0.00	49.23 -3.35 0.00	52.27 -3.88 0.21	53.01 -5.01 0.00	51.82 -5.18 0.00	46.60 -4.79 0.00	46.42 -4.61 0.38	36.19 -3.12 0.00	36.39 -3.00 0.00	36.11 -3.24 0.00	32.05 -2.98 0.00	36.67 -3.66 0.00	37.90 -3.75 -0.01	34.60 -3.43 -0.25	32.51 -2.72 0.10	38.07 -2.14 0.17

OAK ORCHARD___HYD 24046	44.58 -1.31 0.31	43.23 -1.40 0.00	36.36 -1.31 0.00	35.70 -1.26 0.00	37.72 -1.31 0.02	35.79 -1.01 0.59	35.38 -0.99 0.00	31.87 -1.22 0.12	44.64 -1.47 0.00	50.68 -1.90 0.00	54.08 -2.16 0.12	55.23 -2.79 0.00	54.10 -2.89 0.00	48.67 -2.72 0.00	48.55 -2.59 0.25	37.54 -1.77 0.00	37.67 -1.72 0.00	37.49 -1.85 0.00	33.33 -1.70 0.00	38.24 -2.09 0.00	39.49 -2.15 -0.01	36.00 -1.99 -0.21	33.69 -1.64 0.01	38.89 -1.39 0.10
OAKDALE___35_KV_LOAD 356122	46.21 0.00 0.00	44.62 -0.01 0.00	37.56 -0.11 0.00	36.81 -0.15 0.00	38.86 -0.18 0.00	37.26 -0.14 0.00	36.37 -0.01 0.00	33.14 -0.08 0.00	46.21 0.09 0.00	52.68 0.11 0.00	56.58 0.22 0.00	58.21 0.19 0.00	57.03 0.04 0.00	51.26 -0.13 0.00	51.31 -0.09 -0.01	39.22 -0.09 0.00	39.38 -0.01 0.00	39.32 -0.03 0.00	35.03 0.00 0.00	40.24 -0.10 0.00	41.56 -0.10 -0.02	38.24 -0.11 -0.57	35.67 -0.11 -0.45	40.25 -0.12 0.00
OCC_CHEM___DRP 24175	43.33 -2.88 0.00	41.66 -2.97 0.00	35.02 -2.65 0.00	34.46 -2.50 0.00	36.33 -2.71 0.00	35.22 -2.18 0.00	34.21 -2.17 0.00	30.62 -2.59 0.00	42.80 -3.32 0.00	48.31 -4.26 0.00	51.46 -4.90 0.00	51.88 -6.14 0.00	50.73 -6.26 0.00	45.65 -5.74 0.00	45.55 -5.52 0.33	35.51 -3.81 0.00	35.71 -3.68 0.00	35.44 -3.90 0.00	31.45 -3.58 0.00	36.03 -4.31 0.00	37.19 -4.46 -0.01	33.96 -4.08 -0.25	32.25 -3.29 -0.20	37.52 -2.86 0.00
OH_GEN_PROXY 24063	42.97 -2.56 0.68	41.99 -2.64 0.00	35.27 -2.40 0.00	34.68 -2.27 0.01	36.61 -2.40 0.04	32.57 -1.97 2.87	34.08 -1.92 0.37	30.64 -2.30 0.27	43.21 -2.91 0.00	48.80 -3.78 0.00	51.75 -4.35 0.26	52.55 -5.46 0.00	51.37 -5.62 0.00	46.21 -5.17 0.00	46.06 -4.94 0.39	35.92 -3.39 0.00	36.10 -3.29 0.00	35.86 -3.48 0.00	31.84 -3.19 0.00	35.65 -3.86 0.82	37.69 -3.96 -0.01	34.41 -3.63 -0.25	32.21 -2.96 0.17	37.61 -2.56 0.21
OLIN_CORP_DRP 24177	43.51 -2.70 0.00	41.88 -2.75 0.00	35.21 -2.46 0.00	34.64 -2.32 0.00	36.51 -2.53 0.00	35.32 -2.08 0.00	34.25 -2.12 0.00	30.64 -2.57 0.00	42.82 -3.29 0.00	48.37 -4.20 0.00	51.53 -4.84 0.00	51.96 -6.05 0.00	50.82 -6.17 0.00	45.75 -5.64 0.00	45.67 -5.39 0.34	35.58 -3.74 0.00	35.77 -3.62 0.00	35.48 -3.87 0.00	31.48 -3.56 0.00	36.04 -4.30 0.00	37.21 -4.44 -0.01	34.00 -4.05 -0.26	32.29 -3.25 -0.20	37.72 -2.67 0.00
OLIN_CORP_DSASP 323712	42.73 -2.87 0.61	41.65 -2.97 0.00	34.99 -2.68 0.00	34.39 -2.56 0.01	36.30 -2.71 0.03	34.04 -2.19 1.17	34.20 -2.17 0.00	30.39 -2.58 0.24	42.81 -3.31 0.00	48.31 -4.26 0.00	51.23 -4.90 0.23	51.90 -6.12 0.00	50.74 -6.26 0.00	45.63 -5.76 0.00	45.48 -5.52 0.40	35.50 -3.81 0.00	35.71 -3.68 0.00	35.44 -3.90 0.00	31.45 -3.58 0.00	36.01 -4.33 0.00	37.20 -4.45 -0.01	33.96 -4.08 -0.25	31.91 -3.30 0.13	37.33 -2.86 0.19
ONEIDA_HERK_LFGE 323681	46.94 0.73 0.00	45.27 0.64 0.00	38.23 0.55 0.00	37.51 0.55 0.00	39.69 0.64 0.00	38.11 0.71 0.00	37.16 0.79 0.00	33.92 0.70 0.00	47.21 1.09 0.00	53.93 1.36 0.00	57.89 1.53 0.00	59.58 1.56 0.00	58.46 1.47 0.00	52.55 1.16 0.00	52.43 1.03 0.00	40.04 0.73 0.00	40.07 0.68 0.00	39.95 0.60 0.00	35.55 0.52 0.00	41.10 0.76 0.00	42.44 0.80 0.00	38.52 0.68 -0.06	35.96 0.58 -0.04	41.08 0.70 0.00
ONEIDA___115KV_TB4 55905	47.05 0.84 0.00	45.49 0.86 0.00	38.46 0.79 0.00	37.73 0.77 0.00	39.91 0.87 0.00	38.29 0.89 0.00	37.31 0.93 0.00	34.07 0.86 0.00	47.46 1.34 0.00	54.19 1.62 0.00	58.20 1.84 0.00	59.89 1.88 0.00	58.75 1.76 0.00	52.87 1.48 0.00	52.78 1.38 0.00	40.36 1.05 0.00	40.35 0.97 0.00	40.14 0.80 0.00	35.72 0.69 0.00	41.18 0.84 0.00	42.51 0.86 0.00	38.61 0.72 -0.10	36.05 0.63 -0.08	41.13 0.74 0.00
ONONDAGA_REF_OCCRA 23987	45.89 -0.32 0.00	44.31 -0.32 0.00	37.34 -0.33 0.00	36.63 -0.33 0.00	38.70 -0.34 0.00	37.12 -0.28 0.00	36.08 -0.30 0.00	32.88 -0.34 0.00	45.72 -0.40 0.00	52.14 -0.44 0.00	55.94 -0.42 0.00	57.51 -0.50 0.00	56.43 -0.56 0.00	50.79 -0.60 0.00	50.88 -0.61 -0.10	38.89 -0.42 0.00	38.97 -0.42 0.00	38.89 -0.45 0.00	34.63 -0.40 0.00	39.81 -0.53 0.00	41.11 -0.54 -0.01	37.45 -0.53 -0.19	35.02 -0.47 -0.15	39.95 -0.43 0.00
ONONDAGA___COGEN 23986	45.80 -0.41 0.00	44.22 -0.40 0.00	37.28 -0.39 0.00	36.56 -0.40 0.00	38.64 -0.40 0.00	37.06 -0.35 0.00	36.00 -0.38 0.00	32.80 -0.41 0.00	45.60 -0.52 0.00	51.99 -0.58 0.00	55.77 -0.59 0.00	57.33 -0.69 0.00	56.25 -0.74 0.00	50.64 -0.76 0.00	50.64 -0.75 0.00	38.77 -0.54 0.00	38.86 -0.53 0.00	38.79 -0.55 0.00	34.54 -0.49 0.00	39.71 -0.62 0.00	41.00 -0.65 -0.01	37.33 -0.62 -0.18	34.93 -0.55 -0.14	39.87 -0.51 0.00
ONTARIO___LFGE 23819	45.97 -0.23 0.00	44.34 -0.28 0.00	37.27 -0.40 0.00	36.52 -0.44 0.00	38.62 -0.43 0.00	37.17 -0.23 0.00	36.32 -0.05 0.00	33.03 -0.18 0.00	46.11 0.00 0.00	52.53 -0.04 0.00	56.35 -0.01 0.00	57.67 -0.34 0.00	56.28 -0.70 0.00	50.48 -0.92 0.00	50.03 -0.91 0.45	38.73 -0.59 0.00	38.93 -0.46 0.00	38.85 -0.49 0.00	34.62 -0.41 0.00	39.72 -0.62 0.00	41.01 -0.64 -0.01	37.36 -0.67 -0.25	34.98 -0.56 -0.20	39.93 -0.45 0.00
ORANGEVILLE_WT_PWR 323706	44.41 -1.52 0.28	43.12 -1.51 0.00	36.21 -1.46 0.00	35.48 -1.48 0.00	37.48 -1.55 0.02	35.76 -1.11 0.53	35.43 -0.95 0.00	31.85 -1.25 0.11	44.75 -1.37 0.00	50.68 -1.90 0.00	54.01 -2.25 0.11	54.87 -3.15 0.00	53.28 -3.71 0.00	47.59 -3.80 0.00	47.20 -3.66 0.54	36.81 -2.50 0.00	37.02 -2.37 0.00	36.84 -2.50 0.00	32.69 -2.34 0.00	37.46 -2.88 0.00	38.72 -2.93 -0.01	35.41 -2.68 -0.31	33.35 -2.08 -0.09	38.51 -1.78 0.09
ORANGEVILLE___ESR 323794	44.41 -1.52 0.28	43.12 -1.51 0.00	36.21 -1.46 0.00	35.48 -1.48 0.00	37.48 -1.55 0.02	35.76 -1.11 0.53	35.43 -0.95 0.00	31.85 -1.25 0.11	44.75 -1.37 0.00	50.68 -1.90 0.00	54.01 -2.25 0.11	54.87 -3.15 0.00	53.28 -3.71 0.00	47.59 -3.80 0.00	47.20 -3.66 0.54	36.81 -2.50 0.00	37.02 -2.37 0.00	36.84 -2.50 0.00	32.69 -2.34 0.00	37.46 -2.88 0.00	38.72 -2.93 -0.01	35.41 -2.68 -0.31	33.35 -2.08 -0.09	38.51 -1.78 0.09
OSWEGATCHIE___HYD 24044	46.90 0.69 0.00	45.30 0.67 0.00	38.16 0.49 0.00	37.44 0.48 0.00	39.58 0.53 0.00	38.03 0.63 0.00	37.19 0.81 0.00	33.76 0.55 0.00	47.17 1.06 0.00	53.81 1.23 0.00	57.30 0.94 0.00	58.50 0.48 0.00	57.36 0.37 0.00	51.44 0.05 0.00	51.49 0.09 0.00	39.32 0.01 0.00	39.51 0.12 0.00	39.40 0.06 0.00	34.91 -0.12 0.00	40.39 0.05 0.00	41.73 0.09 0.00	37.88 0.04 -0.05	35.40 0.02 -0.04	40.85 0.47 0.00
OSWEGO___5 23606	45.11 -1.10 0.00	43.56 -1.07 0.00	36.73 -0.94 0.00	36.04 -0.93 0.00	38.07 -0.97 0.00	36.49 -0.90 0.00	35.42 -0.96 0.00	32.25 -0.96 0.00	44.80 -1.32 0.00	51.05 -1.52 0.00	54.72 -1.64 0.00	56.26 -1.75 0.00	55.22 -1.77 0.00	49.75 -1.65 0.00	49.75 -1.64 0.00	38.09 -1.22 0.00	38.18 -1.21 0.00	38.11 -1.24 0.00	33.93 -1.11 0.00	39.04 -1.30 0.00	40.30 -1.35 0.00	36.68 -1.23 -0.12	34.33 -1.11 -0.10	39.25 -1.13 0.00

OSWEGO___6 23613	45.11 -1.10 0.00	43.56 -1.07 0.00	36.73 -0.94 0.00	36.04 -0.93 0.00	38.07 -0.97 0.00	36.49 -0.90 0.00	35.42 -0.96 0.00	32.25 -0.96 0.00	44.80 -1.32 0.00	51.05 -1.52 0.00	54.72 -1.64 0.00	56.26 -1.75 0.00	55.22 -1.77 0.00	49.75 -1.65 0.00	49.75 -1.64 0.00	38.09 -1.22 0.00	38.18 -1.21 0.00	38.11 -1.24 0.00	33.93 -1.11 0.00	39.04 -1.30 0.00	40.30 -1.35 0.00	36.68 -1.23 -0.12	34.33 -1.11 -0.10	39.25 -1.13 0.00
OUTOKUMPU-AB___DRP 24206	44.42 -1.79 0.00	42.73 -1.90 0.00	35.91 -1.76 0.00	35.32 -1.65 0.00	37.23 -1.81 0.00	36.07 -1.33 0.00	35.05 -1.32 0.00	31.44 -1.78 0.00	43.96 -2.16 0.00	49.67 -2.90 0.00	52.95 -3.41 0.00	53.46 -4.56 0.00	52.25 -4.74 0.00	47.01 -4.38 0.00	46.86 -4.20 0.34	36.50 -2.82 0.00	36.68 -2.71 0.00	36.41 -2.93 0.00	32.32 -2.71 0.00	37.01 -3.33 0.00	38.22 -3.43 -0.01	34.88 -3.16 -0.26	33.10 -2.45 -0.21	38.46 -1.93 0.00
OXBOW___BTM 323836	43.35 -2.25 0.61	42.27 -2.36 0.00	35.50 -2.17 0.00	34.88 -2.07 0.01	36.81 -2.20 0.03	34.53 -1.71 1.16	34.68 -1.69 0.00	30.86 -2.11 0.24	43.47 -2.64 0.00	49.10 -3.47 0.00	52.08 -4.05 0.23	52.82 -5.20 0.00	51.61 -5.38 0.00	46.42 -4.97 0.00	46.22 -4.78 0.40	36.07 -3.24 0.00	36.27 -3.12 0.00	36.01 -3.34 0.00	31.96 -3.08 0.00	36.58 -3.76 0.00	37.78 -3.86 -0.01	34.50 -3.55 -0.26	32.39 -2.81 0.13	37.87 -2.32 0.19
OXBOW____ 24026	43.95 -2.25 0.00	42.26 -2.36 0.00	35.53 -2.14 0.00	34.95 -2.01 0.00	36.84 -2.21 0.00	35.70 -1.70 0.00	34.69 -1.69 0.00	31.09 -2.12 0.00	43.47 -2.65 0.00	49.10 -3.48 0.00	52.32 -4.04 0.00	52.79 -5.22 0.00	51.61 -5.39 0.00	46.43 -4.96 0.00	46.29 -4.77 0.34	36.08 -3.23 0.00	36.27 -3.12 0.00	36.01 -3.33 0.00	31.96 -3.08 0.00	36.59 -3.74 0.00	37.78 -3.87 -0.01	34.49 -3.55 -0.26	32.74 -2.80 -0.20	38.06 -2.32 0.00
OXY_CHEM_DSASP 323612	43.33 -2.88 0.00	41.66 -2.97 0.00	35.02 -2.65 0.00	34.46 -2.50 0.00	36.33 -2.71 0.00	35.22 -2.18 0.00	34.21 -2.17 0.00	30.62 -2.59 0.00	42.80 -3.32 0.00	48.31 -4.26 0.00	51.46 -4.90 0.00	51.88 -6.14 0.00	50.73 -6.26 0.00	45.65 -5.74 0.00	45.55 -5.52 0.33	35.51 -3.81 0.00	35.71 -3.68 0.00	35.44 -3.90 0.00	31.45 -3.58 0.00	36.03 -4.31 0.00	37.19 -4.46 -0.01	33.96 -4.08 -0.25	32.25 -3.29 -0.20	37.52 -2.86 0.00
OZONE_PARK_ESR 323760	48.50 2.29 0.00	46.77 2.14 0.00	39.45 1.79 0.00	38.74 1.78 0.00	40.88 1.83 0.00	39.05 1.65 0.00	38.12 1.74 0.00	35.03 1.82 0.00	48.66 2.55 0.00	55.52 2.95 0.00	59.66 3.30 0.00	61.79 3.78 0.00	60.86 3.87 0.00	55.03 3.64 0.00	54.97 3.54 -0.03	42.05 2.74 0.00	42.24 2.85 0.00	42.31 2.97 0.00	37.61 2.58 0.00	43.28 2.95 0.00	44.72 3.02 -0.06	42.43 2.79 -1.85	39.25 2.44 -1.48	42.86 2.48 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	43.33 -2.88 0.00	41.66 -2.97 0.00	35.02 -2.65 0.00	34.46 -2.50 0.00	36.33 -2.71 0.00	35.22 -2.18 0.00	34.21 -2.17 0.00	30.62 -2.59 0.00	42.80 -3.32 0.00	48.31 -4.26 0.00	51.46 -4.90 0.00	51.88 -6.14 0.00	50.73 -6.26 0.00	45.65 -5.74 0.00	45.55 -5.52 0.33	35.51 -3.81 0.00	35.71 -3.68 0.00	35.44 -3.90 0.00	31.45 -3.58 0.00	36.03 -4.31 0.00	37.19 -4.46 -0.01	33.96 -4.08 -0.25	32.25 -3.29 -0.20	37.52 -2.86 0.00
PACKARD__115KV_DUPONT_184 80571	43.33 -2.88 0.00	41.66 -2.97 0.00	35.02 -2.65 0.00	34.46 -2.50 0.00	36.33 -2.71 0.00	35.22 -2.18 0.00	34.21 -2.17 0.00	30.62 -2.59 0.00	42.80 -3.32 0.00	48.31 -4.26 0.00	51.46 -4.90 0.00	51.88 -6.14 0.00	50.73 -6.26 0.00	45.65 -5.74 0.00	45.55 -5.52 0.33	35.51 -3.81 0.00	35.71 -3.68 0.00	35.44 -3.90 0.00	31.45 -3.58 0.00	36.03 -4.31 0.00	37.19 -4.46 -0.01	33.96 -4.08 -0.25	32.25 -3.29 -0.20	37.52 -2.86 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	47.98 1.77 0.00	46.32 1.69 0.00	39.11 1.44 0.00	38.46 1.50 0.00	40.51 1.47 0.00	38.68 1.28 0.00	37.78 1.40 0.00	34.74 1.53 0.00	48.22 2.11 0.00	54.95 2.38 0.00	59.07 2.71 0.00	61.20 3.18 0.00	60.23 3.23 0.00	54.49 3.10 0.00	54.45 3.03 -0.03	41.61 2.30 0.00	41.80 2.41 0.00	41.85 2.51 0.00	37.23 2.20 0.00	42.86 2.52 0.00	44.29 2.59 -0.06	42.06 2.42 -1.85	38.90 2.08 -1.48	42.42 2.04 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	48.00 1.79 0.00	46.32 1.69 0.00	39.20 1.53 0.00	38.58 1.62 0.00	40.64 1.59 0.00	38.80 1.40 0.00	37.89 1.51 0.00	34.83 1.61 0.00	48.23 2.12 0.00	55.03 2.45 0.00	59.18 2.82 0.00	61.37 3.36 0.00	60.39 3.40 0.00	54.60 3.21 0.00	54.58 3.16 -0.03	41.68 2.37 0.00	41.85 2.46 0.00	41.90 2.55 0.00	37.26 2.23 0.00	42.87 2.53 0.00	44.30 2.60 -0.06	42.07 2.43 -1.85	38.90 2.09 -1.48	42.45 2.07 0.00
PATROON__115KV_TB1 80586	47.59 1.39 0.00	45.99 1.36 0.00	38.87 1.20 0.00	38.14 1.18 0.00	40.30 1.26 0.00	38.56 1.16 0.00	37.40 1.02 0.00	34.21 1.00 0.00	47.15 1.04 0.00	53.83 1.25 0.00	57.72 1.36 0.00	59.48 1.46 0.00	58.51 1.52 0.00	52.85 1.46 0.00	52.85 1.42 -0.03	40.40 1.09 0.00	40.38 0.99 0.00	40.34 1.00 0.00	35.99 0.96 0.00	41.70 1.37 0.00	43.10 1.38 -0.07	41.35 1.35 -2.22	38.49 1.38 -1.77	41.75 1.37 0.00
PATTRSNVILLE__SOLAR 323815	47.76 1.55 0.00	46.11 1.48 0.00	38.95 1.28 0.00	38.22 1.26 0.00	40.37 1.32 0.00	38.68 1.27 0.00	37.68 1.31 0.00	34.46 1.24 0.00	47.94 1.83 0.00	54.73 2.15 0.00	58.69 2.33 0.00	60.49 2.47 0.00	59.44 2.45 0.00	53.60 2.21 0.00	53.62 2.19 -0.03	40.93 1.62 0.00	40.98 1.59 0.00	40.93 1.59 0.00	36.42 1.39 0.00	41.92 1.58 0.00	43.35 1.63 -0.08	41.59 1.48 -2.33	38.50 1.31 -1.85	41.80 1.42 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	45.58 -0.63 0.00	43.83 -0.80 0.00	36.84 -0.83 0.00	36.23 -0.73 0.00	38.22 -0.82 0.00	36.99 -0.41 0.00	35.99 -0.38 0.00	32.30 -0.92 0.00	45.17 -0.95 0.00	51.08 -1.50 0.00	54.57 -1.80 0.00	55.25 -2.77 0.00	54.00 -2.99 0.00	48.58 -2.81 0.00	48.46 -2.55 0.39	37.73 -1.58 0.00	37.86 -1.53 0.00	37.59 -1.75 0.00	33.41 -1.63 0.00	38.27 -2.06 0.00	39.53 -2.12 -0.01	36.07 -1.99 -0.28	34.10 -1.46 -0.22	39.50 -0.88 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	48.36 2.15 0.00	46.62 1.99 0.00	39.35 1.68 0.00	38.61 1.66 0.00	40.76 1.72 0.00	39.01 1.61 0.00	38.13 1.75 0.00	35.04 1.82 0.00	48.76 2.64 0.00	55.71 3.14 0.00	59.89 3.53 0.00	62.01 3.99 0.00	61.02 4.03 0.00	55.08 3.69 0.00	54.98 3.56 -0.03	42.00 2.69 0.00	42.14 2.75 0.00	42.18 2.84 0.00	37.51 2.48 0.00	43.16 2.82 0.00	44.60 2.89 -0.06	42.27 2.62 -1.87	39.11 2.28 -1.49	42.68 2.30 0.00
PEEKSKILL____ 23653	47.81 1.60 0.00	46.11 1.49 0.00	38.93 1.26 0.00	38.23 1.27 0.00	40.33 1.29 0.00	38.58 1.18 0.00	37.69 1.31 0.00	34.60 1.39 0.00	48.09 1.97 0.00	54.85 2.28 0.00	58.92 2.56 0.00	60.97 2.96 0.00	60.03 3.04 0.00	54.24 2.85 0.00	54.17 2.75 -0.03	41.39 2.08 0.00	41.58 2.19 0.00	41.67 2.33 0.00	37.08 2.05 0.00	42.66 2.32 0.00	44.06 2.36 -0.06	41.78 2.16 -1.84	38.63 1.83 -1.46	42.19 1.81 0.00

PGE MADISON___WINDPWR 24146	49.60 3.22 -0.16	47.50 2.87 0.00	39.91 2.24 0.00	39.05 2.09 0.00	41.14 2.09 -0.01	39.54 1.82 -0.31	38.43 2.06 0.00	35.24 1.97 -0.06	49.49 3.37 0.00	56.79 4.21 0.00	61.66 5.24 -0.06	63.93 5.91 0.00	62.36 5.37 0.00	55.73 4.34 0.00	56.21 4.23 -0.59	42.20 2.89 0.00	42.10 2.72 0.00	41.81 2.46 0.00	37.00 1.97 0.00	42.49 2.16 0.00	44.27 2.61 -0.02	40.78 2.45 -0.54	38.04 2.18 -0.52	42.65 2.22 -0.05
PIERCEFIELD___HYD 23852	47.66 1.45 0.00	46.24 1.61 0.00	38.90 1.23 0.00	38.24 1.28 0.00	40.33 1.28 0.00	38.68 1.28 0.00	37.84 1.47 0.00	34.23 1.02 0.00	47.99 1.88 0.00	54.58 2.00 0.00	57.69 1.33 0.00	58.58 0.56 0.00	57.35 0.36 0.00	51.39 0.00 0.00	51.75 0.35 0.00	39.54 0.23 0.00	39.89 0.50 0.00	39.80 0.46 0.00	35.12 0.09 0.00	40.50 0.16 0.00	41.85 0.21 0.00	38.01 0.19 -0.04	35.58 0.21 -0.03	41.37 0.99 0.00
PINELAWN_CC_1 323563	48.55 2.34 0.00	46.69 2.06 0.00	39.42 1.75 0.00	38.67 1.71 0.00	40.90 1.86 0.00	39.08 1.68 0.00	38.30 1.92 0.00	35.30 2.09 0.00	48.93 2.81 0.00	55.93 3.35 0.00	60.12 3.75 0.00	62.20 4.18 0.00	75.28 4.29 -14.00	73.44 4.02 -18.02	73.23 4.12 -17.71	62.64 3.10 -20.23	53.98 3.11 -11.48	57.54 3.17 -15.02	58.38 2.81 -20.53	43.54 3.20 0.00	44.86 3.16 -0.06	44.91 3.00 -4.12	39.40 2.59 -1.48	43.04 2.66 0.00
PJM_GEN_HTP_PROXY 323702	48.05 1.84 0.00	46.35 1.72 0.00	39.14 1.47 0.00	38.43 1.47 0.00	40.53 1.49 0.00	38.87 1.34 -0.13	37.82 1.44 0.00	34.75 1.54 0.00	48.27 2.16 0.00	55.07 2.49 0.00	59.15 2.80 0.00	61.25 3.23 0.00	60.30 3.31 0.00	54.53 3.14 0.00	54.47 3.05 -0.03	41.65 2.34 0.00	41.83 2.44 0.00	41.90 2.56 0.00	37.27 2.24 0.00	42.88 2.55 0.00	44.32 2.61 -0.06	42.05 2.41 -1.85	38.89 2.08 -1.48	42.46 2.08 0.00
PJM_GEN_KEystone 24065	31.56 -0.27 14.38	26.46 -0.34 17.83	23.46 -0.35 13.85	23.91 -0.31 12.73	23.70 -0.37 14.97	35.82 -0.26 1.32	36.24 -0.13 0.00	32.68 -0.23 0.30	45.95 -0.16 0.00	52.24 -0.34 17.29	38.70 -0.37 17.60	40.00 -0.42 17.60	32.28 -0.45 24.26	26.39 -0.40 24.61	26.20 -0.34 24.85	30.43 -0.16 8.72	42.17 -0.04 -2.83	39.38 0.04 0.00	35.11 0.08 0.00	40.30 -0.04 0.00	41.64 -0.04 -0.04	38.86 -0.05 -1.12	35.69 -0.13 -0.48	26.52 -0.09 13.76
PJM_GEN_NEPTUNE_PROXY 323594	48.01 1.81 0.00	46.22 1.59 0.00	39.04 1.37 0.00	38.30 1.34 0.00	40.50 1.46 0.00	38.82 1.29 -0.13	37.88 1.51 0.00	34.89 1.67 0.00	48.37 2.25 0.00	55.23 2.65 0.00	59.32 2.95 0.00	61.39 3.36 0.00	49.40 3.51 11.10	69.34 3.33 -14.62	69.28 3.35 -14.53	58.59 2.54 -16.74	51.45 2.57 -9.48	54.45 2.65 -12.45	54.54 2.34 -17.17	43.02 2.68 0.00	44.37 2.66 -0.06	44.09 2.54 -3.77	38.97 2.16 -1.48	42.55 2.17 0.00
PJM_GEN_VFT_PROXY 323633	47.91 1.70 0.00	46.23 1.60 0.00	39.05 1.38 0.00	38.34 1.38 0.00	40.43 1.39 0.00	38.75 1.22 -0.13	37.69 1.31 0.00	34.62 1.41 0.00	48.09 1.97 0.00	54.84 2.27 0.00	58.90 2.54 0.00	61.04 3.02 0.00	60.13 3.14 0.00	54.37 2.98 0.00	54.30 2.88 -0.03	41.53 2.22 0.00	41.73 2.34 0.00	41.83 2.49 0.00	37.19 2.16 0.00	42.79 2.45 0.00	44.22 2.52 -0.06	41.98 2.34 -1.85	38.80 1.99 -1.48	42.34 1.96 0.00
PLATSBURG_115KV_PMLD1 355749	48.16 1.95 0.00	46.89 2.26 0.00	39.54 1.87 0.00	39.00 2.05 0.00	41.08 2.04 0.00	39.30 1.91 0.00	38.46 2.08 0.00	34.70 1.48 0.00	48.79 2.68 0.00	55.36 2.78 0.00	58.40 2.04 0.00	59.50 1.48 0.00	58.09 1.10 0.00	52.07 0.68 0.00	52.66 1.26 0.00	40.20 0.89 0.00	40.45 1.06 0.00	40.48 1.14 0.00	35.68 0.65 0.00	41.10 0.76 0.00	42.37 0.73 0.00	38.49 0.70 0.00	35.92 0.58 0.00	41.76 1.38 0.00
PLEASANTVLY___LBMP 24000	47.64 1.44 0.00	45.95 1.32 0.00	38.82 1.15 0.00	38.11 1.15 0.00	40.22 1.18 0.00	38.48 1.08 0.00	37.59 1.22 0.00	34.51 1.30 0.00	47.94 1.83 0.00	54.71 2.13 0.00	58.75 2.39 0.00	60.78 2.76 0.00	59.82 2.82 0.00	54.02 2.63 0.00	53.96 2.54 -0.03	41.23 1.92 0.00	41.35 1.96 0.00	41.40 2.06 0.00	36.84 1.81 0.00	42.40 2.07 0.00	43.83 2.13 -0.06	41.62 1.92 -1.92	38.53 1.67 -1.53	42.01 1.63 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	47.95 1.75 0.00	46.25 1.62 0.00	39.05 1.38 0.00	38.33 1.37 0.00	40.46 1.42 0.00	38.69 1.28 0.00	37.78 1.41 0.00	34.71 1.49 0.00	48.23 2.12 0.00	55.04 2.46 0.00	59.12 2.76 0.00	61.19 3.18 0.00	60.25 3.26 0.00	54.44 3.05 0.00	54.37 2.94 -0.03	41.55 2.24 0.00	41.71 2.32 0.00	41.77 2.43 0.00	37.16 2.13 0.00	42.75 2.42 0.00	44.19 2.48 -0.06	41.90 2.26 -1.86	38.78 1.96 -1.48	42.32 1.94 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	47.95 1.75 0.00	46.25 1.62 0.00	39.05 1.38 0.00	38.33 1.37 0.00	40.46 1.42 0.00	38.69 1.28 0.00	37.78 1.41 0.00	34.71 1.49 0.00	48.23 2.12 0.00	55.04 2.46 0.00	59.12 2.76 0.00	61.19 3.18 0.00	60.25 3.26 0.00	54.44 3.05 0.00	54.37 2.94 -0.03	41.55 2.24 0.00	41.71 2.32 0.00	41.77 2.43 0.00	37.16 2.13 0.00	42.75 2.42 0.00	44.19 2.48 -0.06	41.90 2.26 -1.86	38.78 1.96 -1.48	42.32 1.94 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	48.02 1.82 0.00	46.29 1.67 0.00	39.08 1.42 0.00	38.37 1.41 0.00	40.50 1.46 0.00	38.75 1.35 0.00	37.89 1.52 0.00	34.80 1.59 0.00	48.43 2.31 0.00	55.31 2.74 0.00	59.45 3.09 0.00	61.55 3.53 0.00	60.57 3.58 0.00	54.66 3.27 0.00	54.56 3.14 -0.03	41.67 2.36 0.00	41.81 2.42 0.00	41.82 2.48 0.00	37.22 2.19 0.00	42.81 2.47 0.00	44.26 2.56 -0.06	41.96 2.29 -1.89	38.83 1.99 -1.50	42.36 1.98 0.00
POLETTI___ 23519	48.09 1.88 0.00	46.40 1.78 0.00	39.17 1.51 0.00	38.46 1.50 0.00	40.57 1.53 0.00	38.73 1.33 0.00	37.78 1.40 0.00	34.71 1.50 0.00	48.19 2.07 0.00	54.95 2.38 0.00	59.03 2.67 0.00	61.13 3.12 0.00	60.23 3.24 0.00	54.45 3.06 0.00	54.41 2.98 -0.03	41.65 2.34 0.00	41.83 2.44 0.00	41.90 2.56 0.00	37.23 2.20 0.00	42.85 2.51 0.00	44.29 2.59 -0.06	42.08 2.44 -1.85	38.94 2.13 -1.48	42.50 2.12 0.00
POMONA___ESR 323819	47.76 1.55 0.00	46.06 1.44 0.00	38.91 1.24 0.00	38.21 1.25 0.00	40.31 1.27 0.00	38.57 1.17 0.00	37.67 1.29 0.00	34.60 1.38 0.00	48.07 1.96 0.00	54.83 2.26 0.00	58.86 2.50 0.00	60.95 2.93 0.00	60.00 3.01 0.00	54.23 2.84 0.00	54.13 2.71 -0.03	41.35 2.04 0.00	41.56 2.17 0.00	41.70 2.36 0.00	37.13 2.10 0.00	42.68 2.35 0.00	44.08 2.38 -0.06	41.75 2.16 -1.80	38.59 1.82 -1.43	42.18 1.80 0.00
PORT_JEFF_3 23555	48.78 2.58 0.00	46.88 2.25 0.00	39.59 1.92 0.00	38.82 1.86 0.00	41.14 2.09 0.00	39.28 1.88 0.00	38.48 2.10 0.00	35.44 2.22 0.00	49.12 3.01 0.00	56.19 3.61 0.00	60.37 4.00 0.00	62.46 4.44 0.00	64.19 4.53 -2.67	71.75 4.27 -16.10	71.76 4.48 -15.89	60.80 3.28 -18.21	52.98 3.26 -10.33	56.20 3.32 -13.54	56.58 2.99 -18.56	43.74 3.40 0.00	45.04 3.33 -0.06	44.92 3.22 -3.91	39.55 2.74 -1.48	43.19 2.81 0.00

PORT_JEFF_4 23616	48.78 2.58 0.00	46.88 2.25 0.00	39.59 1.92 0.00	38.82 1.86 0.00	41.14 2.09 0.00	39.28 1.88 0.00	38.48 2.10 0.00	35.44 2.22 0.00	49.12 3.01 0.00	56.19 3.61 0.00	60.37 4.00 0.00	62.46 4.44 0.00	64.19 4.53 -2.67	71.75 4.27 -16.10	71.76 4.48 -15.89	60.80 3.28 -18.21	52.98 3.26 -10.33	56.20 3.32 -13.54	56.58 2.99 -18.56	43.74 3.40 0.00	45.04 3.33 -0.06	44.92 3.22 -3.91	39.55 2.74 -1.48	43.19 2.81 0.00
PORT_JEFF_IC 23713	48.79 2.59 0.00	46.88 2.25 0.00	39.58 1.91 0.00	38.82 1.86 0.00	41.15 2.11 0.00	39.27 1.87 0.00	38.48 2.11 0.00	35.45 2.23 0.00	49.15 3.03 0.00	56.21 3.63 0.00	60.39 4.02 0.00	62.50 4.48 0.00	64.61 4.62 -3.00	71.85 4.30 -16.16	71.88 4.53 -15.95	60.87 3.29 -18.27	53.02 3.27 -10.36	56.25 3.32 -13.58	56.67 3.02 -18.63	43.76 3.42 0.00	45.05 3.35 -0.06	44.96 3.25 -3.92	39.58 2.77 -1.48	43.21 2.82 0.00
PPL_PILGRIM_ST_GT1 24216	48.91 2.70 0.00	47.02 2.40 0.00	39.72 2.05 0.00	38.95 1.99 0.00	41.22 2.18 0.00	39.37 1.97 0.00	38.62 2.25 0.00	35.59 2.37 0.00	49.29 3.17 0.00	56.37 3.79 0.00	60.64 4.28 0.00	62.71 4.69 0.00	66.76 4.76 -5.01	72.27 4.46 -16.41	72.21 4.62 -16.19	61.26 3.42 -18.54	53.30 3.40 -10.51	56.60 3.48 -13.77	56.99 3.08 -18.88	43.86 3.52 0.00	45.16 3.46 -0.06	45.04 3.31 -3.95	39.64 2.83 -1.48	43.32 2.94 0.00
PPL_PILGRIM_ST_GT2 24217	48.91 2.70 0.00	47.02 2.40 0.00	39.72 2.05 0.00	38.95 1.99 0.00	41.22 2.18 0.00	39.37 1.97 0.00	38.62 2.25 0.00	35.59 2.37 0.00	49.29 3.17 0.00	56.37 3.79 0.00	60.64 4.28 0.00	62.71 4.69 0.00	66.76 4.76 -5.01	72.27 4.46 -16.41	72.21 4.62 -16.19	61.26 3.42 -18.54	53.30 3.40 -10.51	56.60 3.48 -13.77	56.99 3.08 -18.88	43.86 3.52 0.00	45.16 3.46 -0.06	45.04 3.31 -3.95	39.64 2.83 -1.48	43.32 2.94 0.00
PPL_SHRM_GT3 24213	48.89 2.68 0.00	46.95 2.32 0.00	39.64 1.97 0.00	38.87 1.91 0.00	41.39 2.34 0.00	39.47 2.06 0.00	38.55 2.17 0.00	35.48 2.27 0.00	49.21 3.09 0.00	56.10 3.53 0.00	60.01 3.65 0.00	62.12 4.10 0.00	64.00 4.20 -2.81	71.50 3.99 -16.12	71.84 4.54 -15.91	60.75 3.21 -18.23	52.90 3.17 -10.34	56.11 3.22 -13.55	56.70 3.08 -18.59	43.82 3.48 0.00	45.13 3.43 -0.06	45.05 3.35 -3.92	39.66 2.84 -1.48	43.28 2.90 0.00
PPL_SHRM_GT4 24214	48.89 2.68 0.00	46.95 2.32 0.00	39.64 1.97 0.00	38.87 1.91 0.00	41.39 2.34 0.00	39.47 2.06 0.00	38.55 2.17 0.00	35.48 2.27 0.00	49.21 3.09 0.00	56.10 3.53 0.00	60.01 3.65 0.00	62.12 4.10 0.00	64.00 4.20 -2.81	71.50 3.99 -16.12	71.84 4.54 -15.91	60.75 3.21 -18.23	52.90 3.17 -10.34	56.11 3.22 -13.55	56.70 3.08 -18.59	43.82 3.48 0.00	45.13 3.43 -0.06	45.05 3.35 -3.92	39.66 2.84 -1.48	43.28 2.90 0.00
PROJECT___ORANGE 1 24174	45.61 -0.60 0.00	44.04 -0.59 0.00	37.12 -0.55 0.00	36.42 -0.54 0.00	38.48 -0.56 0.00	36.90 -0.50 0.00	35.84 -0.54 0.00	32.65 -0.56 0.00	45.38 -0.73 0.00	51.73 -0.84 0.00	55.49 -0.87 0.00	57.03 -0.99 0.00	55.97 -1.02 0.00	50.38 -1.01 0.00	50.40 -1.00 0.00	38.60 -0.71 0.00	38.68 -0.71 0.00	38.60 -0.74 0.00	34.37 -0.66 0.00	39.52 -0.82 0.00	40.79 -0.85 0.00	37.13 -0.81 -0.16	34.76 -0.71 -0.12	39.68 -0.70 0.00
PROJECT___ORANGE 2 24166	45.61 -0.60 0.00	44.04 -0.59 0.00	37.12 -0.55 0.00	36.42 -0.54 0.00	38.48 -0.56 0.00	36.90 -0.50 0.00	35.84 -0.54 0.00	32.65 -0.56 0.00	45.38 -0.73 0.00	51.73 -0.84 0.00	55.49 -0.87 0.00	57.03 -0.99 0.00	55.97 -1.02 0.00	50.38 -1.01 0.00	50.40 -1.00 0.00	38.60 -0.71 0.00	38.68 -0.71 0.00	38.60 -0.74 0.00	34.37 -0.66 0.00	39.52 -0.82 0.00	40.79 -0.85 0.00	37.13 -0.81 -0.16	34.76 -0.71 -0.12	39.68 -0.70 0.00
PUCKETT___SOLAR 323809	47.21 0.78 -0.22	45.35 0.72 0.00	38.06 0.39 0.00	37.22 0.26 0.00	39.25 0.20 -0.01	37.96 0.14 -0.42	36.65 0.27 0.00	33.51 0.21 -0.09	46.78 0.66 0.00	53.49 0.92 0.00	57.82 1.38 -0.08	59.62 1.60 0.00	58.31 1.32 0.00	52.27 0.88 0.00	52.39 0.90 -0.10	39.81 0.49 0.00	39.92 0.53 0.00	39.73 0.39 0.00	35.37 0.34 0.00	40.63 0.29 0.00	42.06 0.40 -0.02	38.74 0.37 -0.58	36.28 0.36 -0.58	40.78 0.33 -0.07
PYRITES___HYD 24023	48.41 2.20 0.00	46.98 2.35 0.00	39.49 1.83 0.00	38.83 1.88 0.00	40.95 1.90 0.00	39.27 1.87 0.00	38.46 2.09 0.00	34.81 1.59 0.00	48.84 2.72 0.00	55.53 2.95 0.00	58.64 2.28 0.00	59.49 1.47 0.00	58.18 1.19 0.00	52.12 0.73 0.00	52.47 1.08 0.00	40.10 0.79 0.00	40.53 1.14 0.00	40.45 1.11 0.00	35.69 0.66 0.00	41.14 0.80 0.00	42.50 0.86 0.00	38.59 0.77 -0.04	36.10 0.73 -0.03	42.02 1.64 0.00
QUAKERRD_115KV_BK1 80622	44.18 -2.03 0.00	42.56 -2.07 0.00	35.83 -1.83 0.00	35.20 -1.76 0.00	37.18 -1.87 0.00	35.81 -1.59 0.00	34.82 -1.56 0.00	31.53 -1.68 0.00	43.96 -2.15 0.00	49.97 -2.61 0.00	53.46 -2.90 0.00	54.56 -3.45 0.00	53.46 -3.53 0.00	48.12 -3.27 0.00	48.01 -3.19 0.19	37.06 -2.25 0.00	37.17 -2.22 0.00	37.02 -2.32 0.00	32.91 -2.12 0.00	37.79 -2.55 0.00	39.02 -2.63 -0.01	35.56 -2.42 -0.20	33.41 -2.09 -0.16	38.39 -1.99 0.00
QUENSBRY_115KV_TB8 356137	49.13 2.93 0.00	47.50 2.87 0.00	40.19 2.53 0.00	39.46 2.50 0.00	41.75 2.71 0.00	40.02 2.62 0.00	39.19 2.81 0.00	35.83 2.61 0.00	49.87 3.76 0.00	56.85 4.27 0.00	61.00 4.64 0.00	62.80 4.78 0.00	61.74 4.75 0.00	55.65 4.26 0.00	55.69 4.27 -0.03	42.46 3.15 0.00	42.38 2.99 0.00	42.33 2.99 0.00	37.74 2.71 0.00	43.57 3.24 0.00	45.15 3.43 -0.07	43.01 2.96 -2.27	39.70 2.55 -1.81	43.09 2.70 0.00
RAMAPO___LBMP 323565	47.61 1.40 0.00	45.92 1.29 0.00	38.80 1.13 0.00	38.08 1.13 0.00	40.19 1.15 0.00	38.46 1.06 0.00	37.56 1.18 0.00	34.48 1.27 0.00	47.91 1.80 0.00	54.63 2.06 0.00	58.65 2.29 0.00	60.74 2.72 0.00	59.79 2.79 0.00	54.03 2.64 0.00	53.93 2.50 -0.03	41.20 1.88 0.00	41.41 2.02 0.00	41.54 2.20 0.00	37.00 1.97 0.00	42.52 2.19 0.00	43.92 2.22 -0.06	41.60 2.02 -1.79	38.45 1.68 -1.43	42.02 1.64 0.00
RANKINE____ 23646	44.96 -1.25 0.00	43.26 -1.37 0.00	36.36 -1.31 0.00	35.77 -1.19 0.00	37.71 -1.33 0.00	36.53 -0.87 0.00	35.53 -0.85 0.00	31.90 -1.31 0.00	44.61 -1.50 0.00	50.44 -2.14 0.00	53.82 -2.54 0.00	54.41 -3.61 0.00	53.11 -3.88 0.00	47.76 -3.63 0.00	47.57 -3.45 0.38	37.08 -2.23 0.00	37.19 -2.20 0.00	36.92 -2.43 0.00	32.76 -2.27 0.00	37.52 -2.81 0.00	38.75 -2.90 -0.01	35.38 -2.68 -0.27	33.51 -2.04 -0.22	38.87 -1.51 0.00
RAVENSWOOD_GT2_1 24244	48.09 1.88 0.00	46.38 1.75 0.00	39.15 1.49 0.00	38.44 1.48 0.00	40.57 1.52 0.00	38.75 1.35 0.00	37.83 1.45 0.00	34.75 1.54 0.00	48.27 2.16 0.00	55.05 2.48 0.00	59.15 2.79 0.00	61.25 3.23 0.00	60.32 3.33 0.00	54.53 3.14 0.00	54.48 3.06 -0.03	41.66 2.35 0.00	41.85 2.46 0.00	41.92 2.57 0.00	37.28 2.24 0.00	42.90 2.57 0.00	44.34 2.64 -0.06	42.08 2.44 -1.85	38.92 2.11 -1.48	42.49 2.11 0.00

RAVENSWOOD_GT2_2 24245	48.09 1.88 0.00	46.38 1.75 0.00	39.15 1.49 0.00	38.44 1.48 0.00	40.57 1.52 0.00	38.75 1.35 0.00	37.83 1.45 0.00	34.75 1.54 0.00	48.27 2.16 0.00	55.05 2.48 0.00	59.15 2.79 0.00	61.25 3.23 0.00	60.32 3.33 0.00	54.53 3.14 0.00	54.48 3.06 -0.03	41.66 2.35 0.00	41.85 2.46 0.00	41.92 2.57 0.00	37.28 2.24 0.00	42.90 2.57 0.00	44.34 2.64 -0.06	42.08 2.44 -1.85	38.92 2.11 -1.48	42.49 2.11 0.00
RAVENSWOOD_GT2_3 24246	48.10 1.89 0.00	46.39 1.76 0.00	39.16 1.49 0.00	38.46 1.50 0.00	40.58 1.53 0.00	38.77 1.37 0.00	37.84 1.47 0.00	34.77 1.56 0.00	48.29 2.17 0.00	55.09 2.51 0.00	59.17 2.82 0.00	61.28 3.26 0.00	60.35 3.36 0.00	54.56 3.17 0.00	54.50 3.08 -0.03	41.69 2.38 0.00	41.87 2.48 0.00	41.94 2.60 0.00	37.30 2.27 0.00	42.93 2.59 0.00	44.36 2.65 -0.06	42.10 2.46 -1.85	38.95 2.14 -1.48	42.51 2.13 0.00
RAVENSWOOD_GT2_4 24247	48.10 1.89 0.00	46.39 1.76 0.00	39.16 1.49 0.00	38.46 1.50 0.00	40.58 1.53 0.00	38.77 1.37 0.00	37.84 1.47 0.00	34.77 1.56 0.00	48.29 2.17 0.00	55.09 2.51 0.00	59.17 2.82 0.00	61.28 3.26 0.00	60.35 3.36 0.00	54.56 3.17 0.00	54.50 3.08 -0.03	41.69 2.38 0.00	41.87 2.48 0.00	41.94 2.60 0.00	37.30 2.27 0.00	42.93 2.59 0.00	44.36 2.65 -0.06	42.10 2.46 -1.85	38.95 2.14 -1.48	42.51 2.13 0.00
RAVENSWOOD_GT3_1 24248	48.09 1.88 0.00	46.38 1.75 0.00	39.15 1.49 0.00	38.44 1.48 0.00	40.57 1.52 0.00	38.75 1.35 0.00	37.83 1.45 0.00	34.76 1.55 0.00	48.27 2.16 0.00	55.06 2.49 0.00	59.15 2.79 0.00	61.25 3.24 0.00	60.33 3.34 0.00	54.54 3.15 0.00	54.49 3.07 -0.03	41.67 2.36 0.00	41.85 2.46 0.00	41.93 2.59 0.00	37.28 2.24 0.00	42.91 2.57 0.00	44.35 2.64 -0.06	42.09 2.45 -1.85	38.93 2.12 -1.48	42.50 2.12 0.00
RAVENSWOOD_GT3_2 24249	48.09 1.88 0.00	46.38 1.75 0.00	39.15 1.49 0.00	38.44 1.48 0.00	40.57 1.52 0.00	38.75 1.35 0.00	37.83 1.45 0.00	34.76 1.55 0.00	48.27 2.16 0.00	55.06 2.49 0.00	59.15 2.79 0.00	61.25 3.24 0.00	60.33 3.34 0.00	54.54 3.15 0.00	54.49 3.07 -0.03	41.67 2.36 0.00	41.85 2.46 0.00	41.93 2.59 0.00	37.28 2.24 0.00	42.91 2.57 0.00	44.35 2.64 -0.06	42.09 2.45 -1.85	38.93 2.12 -1.48	42.50 2.12 0.00
RAVENSWOOD_GT3_3 24250	48.14 1.94 0.00	46.44 1.81 0.00	39.20 1.53 0.00	38.48 1.53 0.00	40.61 1.57 0.00	38.80 1.40 0.00	37.88 1.50 0.00	34.81 1.59 0.00	48.34 2.22 0.00	55.14 2.56 0.00	59.24 2.88 0.00	61.35 3.33 0.00	60.41 3.42 0.00	54.63 3.24 0.00	54.56 3.14 -0.03	41.73 2.42 0.00	41.91 2.52 0.00	41.98 2.64 0.00	37.34 2.31 0.00	42.97 2.63 0.00	44.40 2.70 -0.06	42.14 2.50 -1.85	38.99 2.17 -1.48	42.55 2.17 0.00
RAVENSWOOD_GT3_4 24251	48.14 1.94 0.00	46.44 1.81 0.00	39.20 1.53 0.00	38.48 1.53 0.00	40.61 1.57 0.00	38.80 1.40 0.00	37.88 1.50 0.00	34.81 1.59 0.00	48.34 2.22 0.00	55.14 2.56 0.00	59.24 2.88 0.00	61.35 3.33 0.00	60.41 3.42 0.00	54.63 3.24 0.00	54.56 3.14 -0.03	41.73 2.42 0.00	41.91 2.52 0.00	41.98 2.64 0.00	37.34 2.31 0.00	42.97 2.63 0.00	44.40 2.70 -0.06	42.14 2.50 -1.85	38.99 2.17 -1.48	42.55 2.17 0.00
RAVENSWOOD_GT_1 23729	48.16 1.95 0.00	46.47 1.84 0.00	39.22 1.56 0.00	38.53 1.57 0.00	40.64 1.60 0.00	38.80 1.40 0.00	37.88 1.50 0.00	34.83 1.61 0.00	48.37 2.25 0.00	55.15 2.58 0.00	59.26 2.90 0.00	61.37 3.35 0.00	60.44 3.45 0.00	54.67 3.28 0.00	54.61 3.19 -0.03	41.77 2.46 0.00	41.95 2.56 0.00	42.02 2.68 0.00	37.37 2.34 0.00	43.00 2.67 0.00	44.43 2.73 -0.06	42.17 2.53 -1.85	39.01 2.20 -1.48	42.58 2.20 0.00
RAVENSWOOD_GT_10 24258	48.09 1.88 0.00	46.38 1.75 0.00	39.15 1.49 0.00	38.44 1.48 0.00	40.57 1.52 0.00	38.75 1.35 0.00	37.83 1.45 0.00	34.76 1.55 0.00	48.27 2.16 0.00	55.06 2.49 0.00	59.15 2.79 0.00	61.25 3.24 0.00	60.33 3.34 0.00	54.54 3.15 0.00	54.49 3.07 -0.03	41.67 2.36 0.00	41.85 2.46 0.00	41.93 2.59 0.00	37.28 2.24 0.00	42.91 2.57 0.00	44.35 2.64 -0.06	42.09 2.45 -1.85	38.93 2.11 -1.48	42.50 2.12 0.00
RAVENSWOOD_GT_11 24259	48.09 1.88 0.00	46.38 1.75 0.00	39.15 1.49 0.00	38.44 1.48 0.00	40.57 1.52 0.00	38.75 1.35 0.00	37.83 1.45 0.00	34.76 1.55 0.00	48.27 2.16 0.00	55.06 2.49 0.00	59.15 2.79 0.00	61.25 3.24 0.00	60.33 3.34 0.00	54.54 3.15 0.00	54.49 3.07 -0.03	41.67 2.36 0.00	41.85 2.46 0.00	41.93 2.59 0.00	37.28 2.24 0.00	42.91 2.57 0.00	44.35 2.64 -0.06	42.09 2.45 -1.85	38.93 2.11 -1.48	42.50 2.12 0.00
RAVENSWOOD_GT_4 24252	48.09 1.88 0.00	46.38 1.76 0.00	39.15 1.49 0.00	38.44 1.48 0.00	40.57 1.53 0.00	38.76 1.36 0.00	37.84 1.46 0.00	34.76 1.55 0.00	48.28 2.16 0.00	55.07 2.50 0.00	59.15 2.79 0.00	61.25 3.24 0.00	60.34 3.35 0.00	54.54 3.15 0.00	54.49 3.07 -0.03	41.67 2.36 0.00	41.85 2.46 0.00	41.93 2.59 0.00	37.28 2.24 0.00	42.91 2.57 0.00	44.35 2.64 -0.06	42.09 2.45 -1.85	38.93 2.11 -1.48	42.50 2.12 0.00
RAVENSWOOD_GT_5 24254	48.09 1.88 0.00	46.38 1.76 0.00	39.15 1.49 0.00	38.44 1.48 0.00	40.57 1.53 0.00	38.76 1.36 0.00	37.84 1.46 0.00	34.76 1.55 0.00	48.28 2.16 0.00	55.07 2.50 0.00	59.15 2.79 0.00	61.25 3.24 0.00	60.34 3.35 0.00	54.54 3.15 0.00	54.49 3.07 -0.03	41.67 2.36 0.00	41.85 2.46 0.00	41.93 2.59 0.00	37.28 2.24 0.00	42.91 2.57 0.00	44.35 2.64 -0.06	42.09 2.45 -1.85	38.93 2.11 -1.48	42.50 2.12 0.00
RAVENSWOOD_GT_6 24253	48.09 1.88 0.00	46.38 1.76 0.00	39.15 1.49 0.00	38.44 1.48 0.00	40.57 1.53 0.00	38.76 1.36 0.00	37.84 1.46 0.00	34.76 1.55 0.00	48.28 2.16 0.00	55.07 2.50 0.00	59.15 2.79 0.00	61.25 3.24 0.00	60.34 3.35 0.00	54.54 3.15 0.00	54.49 3.07 -0.03	41.67 2.36 0.00	41.85 2.46 0.00	41.93 2.59 0.00	37.28 2.24 0.00	42.91 2.57 0.00	44.35 2.64 -0.06	42.09 2.45 -1.85	38.93 2.11 -1.48	42.50 2.12 0.00
RAVENSWOOD_GT_7 24255	48.09 1.88 0.00	46.38 1.76 0.00	39.15 1.49 0.00	38.44 1.48 0.00	40.57 1.53 0.00	38.76 1.36 0.00	37.84 1.46 0.00	34.76 1.55 0.00	48.28 2.16 0.00	55.07 2.50 0.00	59.15 2.79 0.00	61.25 3.24 0.00	60.34 3.35 0.00	54.54 3.15 0.00	54.49 3.07 -0.03	41.67 2.36 0.00	41.85 2.46 0.00	41.93 2.59 0.00	37.28 2.24 0.00	42.91 2.57 0.00	44.35 2.64 -0.06	42.09 2.45 -1.85	38.93 2.11 -1.48	42.50 2.12 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	48.09 1.88 0.00	46.38 1.75 0.00	39.15 1.49 0.00	38.44 1.48 0.00	40.57 1.52 0.00	38.75 1.35 0.00	37.83 1.45 0.00	34.76 1.55 0.00	48.27 2.16 0.00	55.06 2.49 0.00	59.15 2.79 0.00	61.25 3.24 0.00	60.33 3.34 0.00	54.54 3.15 0.00	54.49 3.07 -0.03	41.67 2.36 0.00	41.85 2.46 0.00	41.93 2.59 0.00	37.28 2.24 0.00	42.91 2.57 0.00	44.35 2.64 -0.06	42.09 2.45 -1.85	38.93 2.11 -1.48	42.50 2.12 0.00

RAVENSWOOD_GT_9 24257	48.09 1.88 0.00	46.38 1.75 0.00	39.15 1.49 0.00	38.44 1.48 0.00	40.57 1.52 0.00	38.75 1.35 0.00	37.83 1.45 0.00	34.76 1.55 0.00	48.27 2.16 0.00	55.06 2.49 0.00	59.15 2.79 0.00	61.25 3.24 0.00	60.33 3.34 0.00	54.54 3.15 0.00	54.49 3.07 -0.03	41.67 2.36 0.00	41.85 2.46 0.00	41.93 2.59 0.00	37.28 2.24 0.00	42.91 2.57 0.00	44.35 2.64 -0.06	42.09 2.45 -1.85	38.93 2.11 -1.48	42.50 2.12 0.00
RAVENSWOOD___1 23533	48.07 1.86 0.00	46.38 1.76 0.00	39.17 1.50 0.00	38.49 1.53 0.00	40.57 1.52 0.00	38.75 1.35 0.00	37.83 1.45 0.00	34.76 1.55 0.00	48.28 2.17 0.00	55.07 2.49 0.00	59.16 2.80 0.00	61.26 3.24 0.00	60.33 3.34 0.00	54.58 3.19 0.00	54.52 3.10 -0.03	41.69 2.38 0.00	41.88 2.49 0.00	41.94 2.60 0.00	37.30 2.27 0.00	42.94 2.60 0.00	44.36 2.65 -0.06	42.11 2.47 -1.85	38.95 2.13 -1.48	42.50 2.12 0.00
RAVENSWOOD___2 23534	48.07 1.86 0.00	46.38 1.76 0.00	39.17 1.50 0.00	38.49 1.53 0.00	40.57 1.52 0.00	38.75 1.35 0.00	37.83 1.45 0.00	34.76 1.55 0.00	48.28 2.17 0.00	55.07 2.49 0.00	59.16 2.80 0.00	61.26 3.24 0.00	60.33 3.34 0.00	54.58 3.19 0.00	54.52 3.10 -0.03	41.69 2.38 0.00	41.88 2.49 0.00	41.94 2.60 0.00	37.30 2.27 0.00	42.94 2.60 0.00	44.36 2.65 -0.06	42.11 2.47 -1.85	38.95 2.13 -1.48	42.50 2.12 0.00
RAVENSWOOD___3 23535	48.08 1.88 0.00	46.38 1.76 0.00	39.16 1.49 0.00	38.46 1.50 0.00	40.57 1.52 0.00	38.75 1.35 0.00	37.83 1.46 0.00	34.76 1.55 0.00	48.27 2.16 0.00	55.07 2.49 0.00	59.15 2.80 0.00	61.25 3.23 0.00	60.32 3.33 0.00	54.54 3.15 0.00	54.49 3.07 -0.03	41.67 2.36 0.00	41.86 2.47 0.00	41.94 2.59 0.00	37.28 2.25 0.00	42.91 2.58 0.00	44.35 2.64 -0.06	42.09 2.45 -1.85	38.93 2.11 -1.48	42.50 2.12 0.00
RAVENSWOOD___4 23820	48.07 1.86 0.00	46.38 1.76 0.00	39.17 1.50 0.00	38.49 1.53 0.00	40.57 1.52 0.00	38.75 1.35 0.00	37.83 1.45 0.00	34.76 1.55 0.00	48.28 2.17 0.00	55.07 2.49 0.00	59.16 2.80 0.00	61.26 3.24 0.00	60.33 3.34 0.00	54.58 3.19 0.00	54.52 3.10 -0.03	41.69 2.38 0.00	41.88 2.49 0.00	41.94 2.60 0.00	37.30 2.27 0.00	42.94 2.60 0.00	44.36 2.65 -0.06	42.11 2.47 -1.85	38.95 2.13 -1.48	42.50 2.12 0.00
RCPL_TRUST___DRP 24196	48.10 1.89 0.00	46.39 1.76 0.00	39.16 1.49 0.00	38.44 1.49 0.00	40.57 1.53 0.00	38.77 1.37 0.00	37.85 1.48 0.00	34.78 1.57 0.00	48.32 2.21 0.00	55.12 2.55 0.00	59.21 2.85 0.00	61.31 3.29 0.00	60.38 3.39 0.00	54.58 3.19 0.00	54.52 3.10 -0.03	41.69 2.38 0.00	41.87 2.48 0.00	41.95 2.60 0.00	37.30 2.27 0.00	42.92 2.58 0.00	44.35 2.65 -0.06	42.09 2.45 -1.85	38.92 2.11 -1.48	42.50 2.12 0.00
RED___ROCHESTER 323720	44.84 -1.06 0.31	43.47 -1.16 0.00	36.55 -1.12 0.00	35.88 -1.07 0.00	37.91 -1.11 0.02	35.98 -0.83 0.60	35.57 -0.81 0.00	32.06 -1.04 0.12	44.91 -1.20 0.00	51.00 -1.58 0.12	54.46 -1.78 0.00	55.63 -2.38 0.00	54.50 -2.49 0.00	49.04 -2.35 0.00	48.92 -2.22 0.25	37.80 -1.51 0.00	37.92 -1.46 0.00	37.75 -1.59 0.00	33.55 -1.48 0.00	38.50 -1.84 0.00	39.75 -1.90 -0.01	36.23 -1.77 -0.21	33.89 -1.44 0.01	39.12 -1.16 0.10
REGAN___SOLAR 323812	48.95 2.74 0.00	47.21 2.58 0.00	39.83 2.16 0.00	39.07 2.11 0.00	41.27 2.23 0.00	39.59 2.19 0.00	38.59 2.22 0.00	35.27 2.05 0.00	49.28 3.16 0.00	56.35 3.77 0.00	60.49 4.13 0.00	62.38 4.36 0.00	61.31 4.32 0.00	55.20 3.81 0.00	55.17 3.74 -0.03	42.04 2.73 0.00	42.08 2.69 0.00	41.99 2.65 0.00	37.32 2.29 0.00	42.91 2.57 0.00	44.33 2.61 -0.08	42.59 2.39 -2.42	39.37 2.10 -1.93	42.73 2.35 0.00
RENSSELAER___COGEN 23796	47.38 1.18 0.00	45.79 1.16 0.00	38.71 1.04 0.00	37.98 1.02 0.00	40.13 1.09 0.00	38.40 0.99 0.00	37.23 0.85 0.00	34.06 0.84 0.00	46.91 0.79 0.00	53.53 0.96 0.00	57.39 1.03 0.00	59.14 1.13 0.00	58.18 1.19 0.00	52.57 1.17 0.00	52.57 1.15 -0.03	40.19 0.88 0.00	40.16 0.77 0.00	40.13 0.78 0.00	35.81 0.78 0.00	41.50 1.17 0.00	42.90 1.19 -0.07	41.14 1.16 -2.20	38.31 1.22 -1.75	41.58 1.20 0.00
REPUBLIC_115KV_BARTNBRK 55605	50.98 4.77 0.00	49.25 4.62 0.00	41.81 4.14 0.00	41.07 4.11 0.00	43.55 4.51 0.00	41.82 4.42 0.00	41.28 4.91 0.00	37.53 4.32 0.00	52.41 6.29 0.00	59.84 7.26 0.00	64.19 7.82 0.00	66.26 8.24 0.00	65.09 8.10 0.00	58.60 7.21 0.00	58.90 7.47 -0.03	44.82 5.51 0.00	44.54 5.15 0.00	44.50 5.16 0.00	39.87 4.84 0.00	46.05 5.72 0.00	47.84 6.12 -0.07	45.28 5.22 -2.27	41.52 4.37 -1.81	44.93 4.55 0.00
REVERE_CPPR_DRP 24186	47.42 1.21 0.00	45.80 1.17 0.00	38.69 1.02 0.00	37.95 0.99 0.00	40.15 1.11 0.00	38.53 1.13 0.00	37.58 1.20 0.00	34.33 1.12 0.00	47.83 1.71 0.00	54.64 2.07 0.00	58.71 2.35 0.00	60.44 2.42 0.00	59.28 2.30 0.00	53.30 1.90 0.00	53.17 1.77 0.00	40.63 1.32 0.00	40.64 1.25 0.00	40.45 1.11 0.00	36.00 0.97 0.00	41.54 1.20 0.00	42.88 1.24 0.00	38.93 1.06 -0.09	36.34 0.93 -0.07	41.46 1.08 0.00
REYNOLDS_115KV_TB3 80639	47.52 1.32 0.00	45.94 1.31 0.00	38.85 1.19 0.00	38.11 1.15 0.00	40.29 1.25 0.00	38.54 1.15 0.00	37.45 1.07 0.00	34.25 1.04 0.00	47.31 1.19 0.00	53.97 1.39 0.00	57.83 1.47 0.00	59.58 1.56 0.00	58.60 1.62 0.00	52.98 1.59 0.00	52.99 1.56 -0.03	40.51 1.20 0.00	40.46 1.07 0.00	40.42 1.08 0.00	36.05 1.02 0.00	41.68 1.35 0.00	43.11 1.40 -0.07	41.32 1.34 -2.20	38.41 1.32 -1.75	41.69 1.31 0.00
RIVERBAY____ 323610	48.00 1.79 0.00	46.32 1.69 0.00	39.20 1.53 0.00	38.58 1.62 0.00	40.64 1.59 0.00	38.80 1.40 0.00	37.89 1.51 0.00	34.83 1.61 0.00	48.23 2.12 0.00	55.03 2.45 0.00	59.18 2.82 0.00	61.37 3.36 0.00	60.39 3.40 0.00	54.60 3.21 0.00	54.58 3.16 -0.03	41.68 2.37 0.00	41.85 2.46 0.00	41.90 2.55 0.00	37.26 2.23 0.00	42.87 2.53 0.00	44.30 2.60 -0.06	42.07 2.43 -1.85	38.90 2.09 -1.48	42.45 2.07 0.00
RIVERSDE_115KV_TB3 55908	47.49 1.28 0.00	45.91 1.28 0.00	38.82 1.15 0.00	38.07 1.12 0.00	40.25 1.21 0.00	38.50 1.10 0.00	37.35 0.98 0.00	34.17 0.96 0.00	47.12 1.01 0.00	53.77 1.20 0.00	57.65 1.29 0.00	59.40 1.38 0.00	58.43 1.44 0.00	52.80 1.41 0.00	52.82 1.39 -0.03	40.37 1.06 0.00	40.33 0.94 0.00	40.30 0.96 0.00	35.95 0.92 0.00	41.62 1.29 0.00	43.04 1.32 -0.07	41.27 1.28 -2.21	38.40 1.31 -1.76	41.67 1.29 0.00
ROARING___BROOK_WT_PWR 323790	46.44 0.23 0.00	44.99 0.36 0.00	37.91 0.24 0.00	37.22 0.26 0.00	39.34 0.30 0.00	37.73 0.33 0.00	36.79 0.41 0.00	33.45 0.24 0.00	46.57 0.45 0.00	52.97 0.40 0.00	56.53 0.17 0.00	57.91 -0.11 0.00	56.83 -0.16 0.00	51.15 -0.24 0.00	51.31 -0.08 0.00	39.19 -0.12 0.00	39.29 -0.10 0.00	39.19 -0.15 0.00	34.75 -0.28 0.00	40.19 -0.14 0.00	41.51 -0.13 0.00	37.68 -0.10 0.00	35.28 -0.05 0.00	40.62 0.24 0.00

ROCHESRG_115KV_T4 355643	44.73 -1.48 0.00	43.07 -1.55 0.00	36.26 -1.41 0.00	35.62 -1.34 0.00	37.61 -1.43 0.00	36.25 -1.15 0.00	35.25 -1.12 0.00	31.87 -1.35 0.00	44.46 -1.66 0.00	50.46 -2.11 0.00	53.97 -2.39 0.00	54.98 -3.04 0.00	53.84 -3.14 0.00	48.47 -2.92 0.00	48.38 -2.80 0.21	37.39 -1.92 0.00	37.52 -1.87 0.00	37.34 -2.00 0.00	33.20 -1.84 0.00	38.11 -2.23 0.00	39.34 -2.31 -0.01	35.86 -2.13 -0.20	33.74 -1.76 -0.16	38.86 -1.53 0.00
ROCHESTER_9_IC 23652	44.95 -1.26 0.00	43.29 -1.34 0.00	36.42 -1.25 0.00	35.79 -1.17 0.00	37.79 -1.26 0.00	36.43 -0.97 0.00	35.42 -0.95 0.00	32.03 -1.18 0.00	44.70 -1.42 0.00	50.76 -1.82 0.00	54.29 -2.07 0.00	55.32 -2.70 0.00	54.18 -2.81 0.00	48.77 -2.62 0.00	48.67 -2.51 0.22	37.60 -1.71 0.00	37.72 -1.67 0.00	37.55 -1.79 0.00	33.38 -1.65 0.00	38.31 -2.02 0.00	39.55 -2.09 -0.01	36.05 -1.94 -0.21	33.92 -1.59 -0.16	39.04 -1.34 0.00
ROCKVIEW_13_KV_LD 356306	48.19 1.99 0.00	46.46 1.84 0.00	39.22 1.55 0.00	38.49 1.53 0.00	40.64 1.59 0.00	38.86 1.46 0.00	37.95 1.58 0.00	34.87 1.65 0.00	48.45 2.34 0.00	55.27 2.69 0.00	59.39 3.03 0.00	61.49 3.47 0.00	60.53 3.54 0.00	54.70 3.31 0.00	54.62 3.20 -0.03	41.76 2.45 0.00	41.94 2.55 0.00	42.01 2.67 0.00	37.37 2.34 0.00	42.98 2.65 0.00	44.40 2.70 -0.06	42.11 2.48 -1.85	38.96 2.15 -1.48	42.54 2.16 0.00
ROME____115KV_TB2 80656	47.42 1.21 0.00	45.80 1.17 0.00	38.69 1.02 0.00	37.95 0.99 0.00	40.15 1.11 0.00	38.53 1.13 0.00	37.58 1.20 0.00	34.33 1.12 0.00	47.83 1.71 0.00	54.64 2.07 0.00	58.71 2.35 0.00	60.44 2.42 0.00	59.28 2.30 0.00	53.30 1.90 0.00	53.17 1.77 0.00	40.63 1.32 0.00	40.64 1.25 0.00	40.45 1.11 0.00	36.00 0.97 0.00	41.54 1.20 0.00	42.88 1.24 0.00	38.93 1.06 -0.09	36.34 0.93 -0.07	41.46 1.08 0.00
ROSETON___1 23587	47.63 1.42 0.00	45.94 1.31 0.00	38.80 1.13 0.00	38.10 1.14 0.00	40.21 1.16 0.00	38.46 1.06 0.00	37.57 1.20 0.00	34.48 1.27 0.00	47.91 1.80 0.00	54.67 2.10 0.00	58.70 2.34 0.00	60.72 2.70 0.00	59.76 2.77 0.00	53.97 2.58 0.00	53.91 2.49 0.00	41.20 1.88 0.00	41.33 1.94 0.00	41.39 2.05 0.00	36.84 1.81 0.00	42.39 2.06 0.00	43.81 2.11 -0.06	41.55 1.92 -1.85	38.46 1.64 -1.48	41.99 1.61 0.00
ROSETON___2 23588	47.63 1.42 0.00	45.94 1.31 0.00	38.80 1.13 0.00	38.10 1.14 0.00	40.21 1.16 0.00	38.46 1.06 0.00	37.57 1.20 0.00	34.48 1.27 0.00	47.91 1.80 0.00	54.67 2.10 0.00	58.70 2.34 0.00	60.72 2.70 0.00	59.76 2.77 0.00	53.97 2.58 0.00	53.91 2.49 -0.03	41.20 1.88 0.00	41.33 1.94 0.00	41.39 2.05 0.00	36.84 1.81 0.00	42.39 2.06 0.00	43.81 2.11 -0.06	41.55 1.92 -1.85	38.46 1.64 -1.48	41.99 1.61 0.00
ROTRRDAM_115KV_TB3 80664	47.41 1.20 0.00	45.79 1.16 0.00	38.68 1.01 0.00	37.96 1.00 0.00	40.10 1.06 0.00	38.41 1.01 0.00	37.43 1.06 0.00	34.24 1.03 0.00	47.58 1.46 0.00	54.28 1.70 0.00	58.21 1.86 0.00	59.98 1.96 0.00	58.96 1.97 0.00	53.19 1.80 0.00	53.22 1.79 -0.03	40.65 1.33 0.00	40.69 1.30 0.00	40.65 1.31 0.00	36.19 1.16 0.00	41.69 1.35 0.00	43.11 1.40 -0.08	41.33 1.25 -2.29	38.28 1.12 -1.83	41.55 1.16 0.00
RUSSELL___1 23602	45.15 -1.06 0.00	43.47 -1.16 0.00	36.56 -1.10 0.00	35.92 -1.04 0.00	37.92 -1.12 0.00	36.58 -0.83 0.00	35.57 -0.81 0.00	32.17 -1.05 0.00	44.91 -1.21 0.00	51.00 -1.57 0.00	54.58 -1.78 0.00	55.62 -2.39 0.00	54.50 -2.49 0.00	49.05 -2.34 0.00	48.96 -2.22 0.22	37.81 -1.51 0.00	37.93 -1.46 0.00	37.75 -1.59 0.00	33.55 -1.49 0.00	38.51 -1.83 0.00	39.75 -1.90 -0.01	36.23 -1.76 -0.21	34.07 -1.43 -0.16	39.22 -1.16 0.00
RUSSELL___2 23532	45.15 -1.06 0.00	43.47 -1.16 0.00	36.56 -1.10 0.00	35.92 -1.04 0.00	37.92 -1.12 0.00	36.58 -0.83 0.00	35.57 -0.81 0.00	32.17 -1.05 0.00	44.91 -1.21 0.00	51.00 -1.57 0.00	54.58 -1.78 0.00	55.62 -2.39 0.00	54.50 -2.49 0.00	49.05 -2.34 0.00	48.96 -2.22 0.22	37.81 -1.51 0.00	37.93 -1.46 0.00	37.75 -1.59 0.00	33.55 -1.49 0.00	38.51 -1.83 0.00	39.75 -1.90 -0.01	36.23 -1.76 -0.21	34.07 -1.43 -0.16	39.22 -1.16 0.00
RUSSELL___3 23549	45.15 -1.06 0.00	43.47 -1.16 0.00	36.56 -1.10 0.00	35.92 -1.04 0.00	37.92 -1.12 0.00	36.58 -0.83 0.00	35.57 -0.81 0.00	32.17 -1.05 0.00	44.91 -1.21 0.00	51.00 -1.57 0.00	54.58 -1.78 0.00	55.62 -2.39 0.00	54.50 -2.49 0.00	49.05 -2.34 0.00	48.96 -2.22 0.22	37.81 -1.51 0.00	37.93 -1.46 0.00	37.75 -1.59 0.00	33.55 -1.49 0.00	38.51 -1.83 0.00	39.75 -1.90 -0.01	36.23 -1.76 -0.21	34.07 -1.43 -0.16	39.22 -1.16 0.00
RUSSELL___4 23556	45.15 -1.06 0.00	43.47 -1.16 0.00	36.56 -1.10 0.00	35.92 -1.04 0.00	37.92 -1.12 0.00	36.58 -0.83 0.00	35.57 -0.81 0.00	32.17 -1.05 0.00	44.91 -1.21 0.00	51.00 -1.57 0.00	54.58 -1.78 0.00	55.62 -2.39 0.00	54.50 -2.49 0.00	49.05 -2.34 0.00	48.96 -2.22 0.22	37.81 -1.51 0.00	37.93 -1.46 0.00	37.75 -1.59 0.00	33.55 -1.49 0.00	38.51 -1.83 0.00	39.75 -1.90 -0.01	36.23 -1.76 -0.21	34.07 -1.43 -0.16	39.22 -1.16 0.00
RUSSELL___STATION 23914	45.15 -1.06 0.00	43.47 -1.16 0.00	36.56 -1.10 0.00	35.92 -1.04 0.00	37.92 -1.12 0.00	36.58 -0.83 0.00	35.57 -0.81 0.00	32.17 -1.05 0.00	44.91 -1.21 0.00	51.00 -1.57 0.00	54.58 -1.78 0.00	55.62 -2.39 0.00	54.50 -2.49 0.00	49.05 -2.34 0.00	48.96 -2.22 0.22	37.81 -1.51 0.00	37.93 -1.46 0.00	37.75 -1.59 0.00	33.55 -1.49 0.00	38.51 -1.83 0.00	39.75 -1.90 -0.01	36.23 -1.76 -0.21	34.07 -1.43 -0.16	39.22 -1.16 0.00
S SALMON___HYD 24043	45.55 -0.66 0.00	43.87 -0.76 0.00	36.99 -0.67 0.00	36.30 -0.66 0.00	38.39 -0.65 0.00	36.89 -0.51 0.00	35.83 -0.54 0.00	32.67 -0.54 0.00	45.41 -0.70 0.00	51.93 -0.64 0.00	55.72 -0.64 0.00	57.28 -0.73 0.00	56.23 -0.76 0.00	50.54 -0.85 0.00	50.43 -0.97 0.00	38.59 -0.73 0.00	38.61 -0.78 0.00	38.49 -0.86 0.00	34.28 -0.75 0.00	39.66 -0.68 0.00	40.93 -0.71 0.00	37.21 -0.71 -0.12	34.78 -0.66 -0.10	39.72 -0.66 0.00
S.PERRY__115KV_TB1 80734	46.38 0.17 0.00	44.64 0.02 0.00	37.50 -0.17 0.00	36.75 -0.21 0.00	38.85 -0.19 0.00	37.60 0.20 0.00	36.78 0.40 0.00	33.34 0.13 0.00	46.76 0.64 0.00	53.12 0.54 0.00	56.82 0.46 0.00	57.77 -0.25 0.00	56.07 -0.92 0.00	49.99 -1.40 0.00	49.55 -1.30 0.54	38.53 -0.78 0.00	38.79 -0.60 0.00	38.68 -0.66 0.00	34.53 -0.50 0.00	39.62 -0.71 0.00	40.91 -0.74 -0.01	37.34 -0.74 -0.29	35.10 -0.47 -0.23	40.30 -0.08 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	44.35 -1.86 0.00	42.66 -1.97 0.00	35.86 -1.81 0.00	35.27 -1.69 0.00	37.20 -1.85 0.00	36.02 -1.38 0.00	35.02 -1.35 0.00	31.42 -1.79 0.00	43.94 -2.17 0.00	49.65 -2.92 0.00	52.93 -3.43 0.00	53.46 -4.56 0.00	52.24 -4.75 0.00	46.98 -4.41 0.00	46.83 -4.21 0.36	36.49 -2.82 0.00	36.65 -2.74 0.00	36.39 -2.95 0.00	32.29 -2.74 0.00	36.99 -3.35 0.00	38.20 -3.45 -0.01	34.88 -3.17 -0.26	33.05 -2.50 -0.21	38.38 -2.00 0.00

SAWYER___23_KV_LOAD 55526	44.35 -1.86 0.00	42.66 -1.97 0.00	35.86 -1.81 0.00	35.27 -1.69 0.00	37.20 -1.85 0.00	36.02 -1.38 0.00	35.02 -1.35 0.00	31.42 -1.79 0.00	43.94 -2.17 0.00	49.65 -2.92 0.00	52.93 -3.43 0.00	53.46 -4.56 0.00	52.24 -4.75 0.00	46.98 -4.41 0.00	46.83 -4.21 0.36	36.49 -2.82 0.00	36.65 -2.74 0.00	36.39 -2.95 0.00	32.29 -2.74 0.00	36.99 -3.35 0.00	38.20 -3.45 -0.01	34.88 -3.17 -0.26	33.05 -2.50 -0.21	38.38 -2.00 0.00
SELKIRK___I 23801	47.64 1.43 0.00	46.04 1.41 0.00	38.93 1.26 0.00	38.21 1.25 0.00	40.37 1.33 0.00	38.64 1.23 0.00	37.51 1.13 0.00	34.30 1.09 0.00	47.40 1.28 0.00	54.08 1.51 0.00	57.95 1.59 0.00	59.67 1.65 0.00	58.66 1.67 0.00	52.95 1.56 0.00	53.01 1.58 -0.03	40.53 1.22 0.00	40.53 1.14 0.00	40.48 1.14 0.00	36.10 1.07 0.00	41.73 1.40 0.00	43.15 1.44 -0.07	41.29 1.34 -2.17	38.42 1.35 -1.73	41.78 1.40 0.00
SELKIRK___II 23799	47.32 1.11 0.00	45.70 1.08 0.00	38.64 0.97 0.00	37.91 0.95 0.00	40.06 1.01 0.00	38.33 0.93 0.00	37.23 0.85 0.00	34.07 0.85 0.00	47.08 0.96 0.00	53.69 1.12 0.00	57.57 1.21 0.00	59.33 1.32 0.00	58.35 1.36 0.00	52.69 1.30 0.00	52.71 1.28 -0.03	40.29 0.98 0.00	40.30 0.91 0.00	40.26 0.92 0.00	35.90 0.87 0.00	41.51 1.17 0.00	42.91 1.20 -0.07	41.12 1.15 -2.19	38.22 1.14 -1.74	41.51 1.13 0.00
SENECA OSWGO___HYD 24041	45.11 -1.10 0.00	43.53 -1.10 0.00	36.70 -0.97 0.00	36.00 -0.96 0.00	38.04 -1.00 0.00	36.48 -0.92 0.00	35.40 -0.98 0.00	32.25 -0.96 0.00	44.81 -1.30 0.00	51.09 -1.49 0.00	54.78 -1.58 0.00	56.33 -1.69 0.00	55.28 -1.71 0.00	49.80 -1.59 0.00	49.77 -1.63 0.00	38.09 -1.22 0.00	38.18 -1.21 0.00	38.13 -1.21 0.00	33.95 -1.08 0.00	39.06 -1.28 0.00	40.31 -1.34 0.00	36.69 -1.23 -0.14	34.33 -1.12 -0.11	39.23 -1.15 0.00
SENECA___115KV_TB3 355854	45.02 -1.18 0.00	43.33 -1.30 0.00	36.42 -1.25 0.00	35.82 -1.14 0.00	37.76 -1.28 0.00	36.58 -0.82 0.00	35.58 -0.79 0.00	31.95 -1.27 0.00	44.68 -1.44 0.00	50.53 -2.05 0.00	53.90 -2.46 0.00	54.50 -3.52 0.00	53.20 -3.79 0.00	47.83 -3.56 0.00	47.65 -3.37 0.38	37.13 -2.18 0.00	37.24 -2.15 0.00	36.99 -2.36 0.00	32.82 -2.21 0.00	37.57 -2.76 0.00	38.81 -2.84 -0.01	35.44 -2.62 -0.27	33.57 -1.99 -0.22	38.93 -1.46 0.00
SENECA___ENERGY 23797	45.65 -0.56 0.00	44.03 -0.60 0.00	37.06 -0.61 0.00	36.33 -0.63 0.00	38.40 -0.65 0.00	36.91 -0.49 0.00	35.98 -0.40 0.00	32.73 -0.48 0.00	45.60 -0.52 0.00	51.97 -0.60 0.00	55.71 -0.65 0.00	57.13 -0.88 0.00	55.87 -1.12 0.00	50.18 -1.22 0.00	50.11 -1.20 0.08	38.49 -0.82 0.00	38.64 -0.75 0.00	38.56 -0.78 0.00	34.35 -0.68 0.00	39.43 -0.91 0.00	40.70 -0.95 -0.01	37.10 -0.91 -0.22	34.73 -0.79 -0.18	39.66 -0.72 0.00
SHOEMAKER___GT 23640	47.51 1.30 0.00	45.83 1.20 0.00	38.70 1.04 0.00	37.99 1.03 0.00	40.09 1.05 0.00	38.37 0.98 0.00	37.47 1.09 0.00	34.37 1.16 0.00	47.78 1.66 0.00	54.52 1.95 0.00	58.53 2.17 0.00	60.52 2.50 0.00	59.53 2.54 0.00	53.74 2.35 0.00	53.68 2.26 -0.02	41.01 1.70 0.00	41.15 1.76 0.00	41.21 1.87 0.00	36.70 1.67 0.00	42.20 1.87 0.00	43.60 1.91 -0.06	41.21 1.73 -1.69	38.16 1.47 -1.35	41.83 1.45 0.00
SHOEMAKR_138KV_BK 111 55601	47.48 1.27 0.00	45.80 1.18 0.00	38.68 1.01 0.00	37.96 1.00 0.00	40.08 1.04 0.00	38.36 0.96 0.00	37.44 1.07 0.00	34.35 1.14 0.00	47.74 1.62 0.00	54.48 1.90 0.00	58.48 2.12 0.00	60.47 2.45 0.00	59.49 2.50 0.00	53.72 2.33 0.00	53.64 2.22 -0.02	40.98 1.67 0.00	41.13 1.74 0.00	41.19 1.85 0.00	36.68 1.66 0.00	42.19 1.86 0.00	43.59 1.90 -0.06	41.18 1.71 -1.68	38.13 1.45 -1.34	41.81 1.43 0.00
SHOREHAM_IC_1 23715	48.89 2.68 0.00	46.95 2.32 0.00	39.64 1.97 0.00	38.87 1.91 0.00	41.39 2.34 0.00	39.47 2.06 0.00	38.55 2.17 0.00	35.48 2.27 0.00	49.21 3.09 0.00	56.10 3.53 0.00	60.01 3.65 0.00	62.12 4.10 0.00	64.00 4.20 -2.81	71.50 3.99 -16.12	71.84 4.54 -15.91	60.75 3.21 -18.23	52.90 3.17 -10.34	56.11 3.22 -13.55	56.70 3.08 -18.59	43.82 3.48 0.00	45.13 3.43 -0.06	45.05 3.35 -3.92	39.66 2.84 -1.48	43.28 2.90 0.00
SHOREHAM_IC_2 23716	48.89 2.68 0.00	46.95 2.32 0.00	39.64 1.97 0.00	38.87 1.91 0.00	41.39 2.34 0.00	39.47 2.06 0.00	38.55 2.17 0.00	35.48 2.27 0.00	49.21 3.09 0.00	56.10 3.53 0.00	60.01 3.65 0.00	62.12 4.10 0.00	64.00 4.20 -2.81	71.50 3.99 -16.12	71.84 4.54 -15.91	60.75 3.21 -18.23	52.90 3.17 -10.34	56.11 3.22 -13.55	56.70 3.08 -18.59	43.82 3.48 0.00	45.13 3.43 -0.06	45.05 3.35 -3.92	39.66 2.84 -1.48	43.28 2.90 0.00
SISSONVILLE____ 23735	47.66 1.45 0.00	46.24 1.61 0.00	38.90 1.23 0.00	38.24 1.28 0.00	40.33 1.28 0.00	38.68 1.28 0.00	37.84 1.47 0.00	34.23 1.02 0.00	47.99 1.88 0.00	54.58 2.00 0.00	57.69 1.33 0.00	58.58 0.56 0.00	57.35 0.36 0.00	51.39 0.00 0.00	51.75 0.35 0.00	39.54 0.23 0.00	39.89 0.50 0.00	39.80 0.46 0.00	35.12 0.09 0.00	40.50 0.16 0.00	41.85 0.21 0.00	38.01 0.19 -0.04	35.58 0.21 -0.03	41.37 0.99 0.00
SITHE_IND_GS1 24169	44.84 -1.37 0.00	43.30 -1.33 0.00	36.51 -1.16 0.00	35.82 -1.14 0.00	37.85 -1.20 0.00	36.27 -1.13 0.00	35.16 -1.22 0.00	32.00 -1.21 0.00	44.41 -1.71 0.00	50.59 -1.98 0.00	54.22 -2.14 0.00	55.74 -2.28 0.00	54.70 -2.29 0.00	49.30 -2.09 0.00	49.32 -2.08 0.00	37.76 -1.55 0.00	37.84 -1.55 0.00	37.77 -1.57 0.00	33.64 -1.39 0.00	38.69 -1.65 0.00	39.93 -1.71 0.00	36.34 -1.55 -0.11	34.03 -1.39 -0.08	38.96 -1.42 0.00
SITHE_IND_GS2 24170	44.84 -1.37 0.00	43.30 -1.33 0.00	36.51 -1.16 0.00	35.82 -1.14 0.00	37.85 -1.20 0.00	36.27 -1.13 0.00	35.16 -1.22 0.00	32.00 -1.21 0.00	44.41 -1.71 0.00	50.59 -1.98 0.00	54.22 -2.14 0.00	55.74 -2.28 0.00	54.70 -2.29 0.00	49.30 -2.09 0.00	49.32 -2.08 0.00	37.76 -1.55 0.00	37.84 -1.55 0.00	37.77 -1.57 0.00	33.64 -1.39 0.00	38.69 -1.65 0.00	39.93 -1.71 0.00	36.34 -1.55 -0.11	34.03 -1.39 -0.08	38.96 -1.42 0.00
SITHE_IND_GS3 24171	44.84 -1.37 0.00	43.30 -1.33 0.00	36.51 -1.16 0.00	35.82 -1.14 0.00	37.85 -1.20 0.00	36.27 -1.13 0.00	35.16 -1.22 0.00	32.00 -1.21 0.00	44.41 -1.71 0.00	50.59 -1.98 0.00	54.22 -2.14 0.00	55.74 -2.28 0.00	54.70 -2.29 0.00	49.30 -2.09 0.00	49.32 -2.08 0.00	37.76 -1.55 0.00	37.84 -1.55 0.00	37.77 -1.57 0.00	33.64 -1.39 0.00	38.69 -1.65 0.00	39.93 -1.71 0.00	36.34 -1.55 -0.11	34.03 -1.39 -0.08	38.96 -1.42 0.00
SITHE_IND_GS4 24172	44.84 -1.37 0.00	43.30 -1.33 0.00	36.51 -1.16 0.00	35.82 -1.14 0.00	37.85 -1.20 0.00	36.27 -1.13 0.00	35.16 -1.22 0.00	32.00 -1.21 0.00	44.41 -1.71 0.00	50.59 -1.98 0.00	54.22 -2.14 0.00	55.74 -2.28 0.00	54.70 -2.29 0.00	49.30 -2.09 0.00	49.32 -2.08 0.00	37.76 -1.55 0.00	37.84 -1.55 0.00	37.77 -1.57 0.00	33.64 -1.39 0.00	38.69 -1.65 0.00	39.93 -1.71 0.00	36.34 -1.55 -0.11	34.03 -1.39 -0.08	38.96 -1.42 0.00

SITHE___BATAVIA 24024	44.93 -0.81 0.47	43.63 -1.00 0.00	36.65 -1.01 0.00	36.02 -0.93 0.01	38.04 -0.98 0.03	35.90 -0.61 0.89	35.78 -0.60 0.00	32.04 -0.99 0.18	45.09 -1.03 0.00	51.11 -1.47 0.00	54.42 -1.76 0.18	55.34 -2.67 0.00	54.11 -2.88 0.00	48.62 -2.77 0.00	48.43 -2.63 0.33	37.62 -1.69 0.00	37.81 -1.58 0.00	37.55 -1.80 0.00	33.36 -1.67 0.00	38.23 -2.11 0.00	39.48 -2.16 -0.01	35.99 -2.03 -0.23	33.72 -1.55 0.07	39.24 -0.99 0.15
SITHE___INDEPEND 23800	44.84 -1.37 0.00	43.30 -1.33 0.00	36.51 -1.15 0.00	35.83 -1.13 0.00	37.85 -1.20 0.00	36.27 -1.13 0.00	35.16 -1.21 0.00	32.00 -1.22 0.00	44.41 -1.71 0.00	50.59 -1.98 0.00	54.23 -2.13 0.00	55.74 -2.28 0.00	54.71 -2.28 0.00	49.30 -2.08 0.00	49.32 -2.08 0.00	37.76 -1.55 0.00	37.84 -1.55 0.00	37.78 -1.57 0.00	33.64 -1.39 0.00	38.69 -1.65 0.00	39.94 -1.71 0.00	36.34 -1.55 -0.11	34.03 -1.39 -0.08	38.96 -1.42 0.00
SITHE___MASSENA 23902	47.63 1.42 0.00	46.30 1.67 0.00	38.93 1.26 0.00	38.31 1.35 0.00	40.36 1.32 0.00	38.68 1.28 0.00	37.83 1.45 0.00	34.17 0.96 0.00	47.88 1.76 0.00	54.38 1.80 0.00	57.40 1.04 0.00	58.23 0.21 0.00	57.01 0.02 0.00	51.16 -0.23 0.00	51.55 0.15 0.00	39.40 0.09 0.00	39.76 0.37 0.00	39.67 0.33 0.00	34.99 -0.04 0.00	40.31 -0.03 0.00	41.66 0.02 0.00	37.86 0.04 -0.03	35.49 0.13 -0.02	41.35 0.97 0.00
SITHE___OGDNSBRG 24021	48.37 2.16 0.00	46.97 2.35 0.00	39.48 1.82 0.00	38.83 1.87 0.00	40.94 1.89 0.00	39.25 1.85 0.00	38.43 2.06 0.00	34.76 1.55 0.00	48.78 2.66 0.00	55.45 2.87 0.00	58.52 2.16 0.00	59.34 1.32 0.00	58.02 1.03 0.00	52.00 0.61 0.00	52.39 0.99 0.00	40.04 0.73 0.00	40.46 1.07 0.00	40.39 1.04 0.00	35.63 0.59 0.00	41.05 0.72 0.00	42.41 0.77 0.00	38.52 0.70 -0.03	36.05 0.68 -0.03	41.98 1.60 0.00
SITHE___STERLING 23777	47.06 0.85 0.00	45.49 0.86 0.00	38.46 0.79 0.00	37.73 0.77 0.00	39.91 0.87 0.00	38.29 0.89 0.00	37.31 0.93 0.00	34.08 0.86 0.00	47.46 1.35 0.00	54.20 1.62 0.00	58.20 1.84 0.00	59.89 1.88 0.00	58.75 1.76 0.00	52.87 1.48 0.00	52.78 1.38 0.00	40.35 1.04 0.00	40.35 0.96 0.00	40.14 0.80 0.00	35.72 0.69 0.00	41.18 0.84 0.00	42.51 0.86 0.00	38.61 0.72 -0.10	36.05 0.63 -0.08	41.13 0.74 0.00
SLEIGHT__34_KV_TB1 80719	45.15 -1.06 0.00	43.49 -1.14 0.00	36.62 -1.05 0.00	35.96 -1.00 0.00	37.99 -1.06 0.00	36.57 -0.83 0.00	35.57 -0.80 0.00	32.29 -0.92 0.00	45.04 -1.07 0.00	51.26 -1.31 0.00	54.92 -1.44 0.00	56.14 -1.87 0.00	55.01 -1.98 0.00	49.46 -1.87 0.00	49.41 -1.87 0.12	38.03 -1.29 0.00	38.14 -1.26 0.00	38.00 -1.34 0.00	33.80 -1.24 0.00	38.81 -1.53 0.00	40.07 -1.58 -0.01	36.50 -1.49 -0.20	34.24 -1.26 -0.16	39.24 -1.15 0.00
SOUTH CAIRO___GT 23612	49.53 3.32 0.00	47.82 3.19 0.00	40.42 2.75 0.00	39.65 2.69 0.00	41.94 2.89 0.00	40.15 2.75 0.00	39.01 2.63 0.00	35.78 2.57 0.00	49.59 3.48 0.00	56.79 4.21 0.00	60.96 4.60 0.00	62.77 4.75 0.00	61.65 4.66 0.00	55.55 4.16 0.00	55.53 4.10 -0.03	42.39 3.07 0.00	42.35 2.96 0.00	42.23 2.89 0.00	37.64 2.61 0.00	43.54 3.20 0.00	44.99 3.28 -0.07	42.84 2.96 -2.10	39.89 2.88 -1.67	43.48 3.10 0.00
SOUTH HAMPTN___IC 23720	49.65 3.44 0.00	47.67 3.04 0.00	40.21 2.55 0.00	39.43 2.47 0.00	41.88 2.84 0.00	39.76 2.37 0.00	38.53 2.16 0.00	35.48 2.27 0.00	49.14 3.03 0.00	56.16 3.59 0.00	60.16 3.80 0.00	62.33 4.30 0.00	64.05 4.38 -2.67	71.62 4.14 -16.09	71.87 4.59 -15.89	60.78 3.26 -18.21	52.96 3.25 -10.33	56.16 3.28 -13.53	56.68 3.09 -18.56	43.83 3.49 0.00	45.16 3.46 -0.06	45.04 3.35 -3.91	39.65 2.84 -1.48	43.23 2.85 0.00
SOUTHDOW_115KV_TB1 355954	46.62 0.41 0.00	44.78 0.15 0.00	37.62 -0.04 0.00	36.96 0.00 0.00	39.04 -0.01 0.00	37.88 0.48 0.00	36.95 0.57 0.00	33.25 0.03 0.00	46.60 0.48 0.00	52.71 0.13 0.00	56.30 -0.06 0.00	57.03 -0.99 0.00	55.75 -1.24 0.00	49.95 -1.44 0.00	49.72 -1.25 0.43	38.71 -0.60 0.00	38.66 -0.73 0.00	38.37 -0.97 0.00	34.03 -1.00 0.00	38.94 -1.40 0.00	40.32 -1.33 -0.01	36.72 -1.36 -0.29	34.53 -1.04 -0.23	40.15 -0.23 0.00
SOUTHOLD_69_KV_BK 2 55809	50.21 4.00 0.00	48.19 3.56 0.00	40.64 2.97 0.00	39.85 2.89 0.00	42.24 3.19 0.00	39.88 2.48 0.00	38.26 1.89 0.00	35.27 2.05 0.00	48.77 2.66 0.00	55.80 3.23 0.00	59.84 3.47 0.00	62.02 4.00 0.00	63.82 4.15 -2.68	71.34 3.86 -16.09	71.56 4.27 -15.89	60.51 2.99 -18.21	52.70 2.98 -10.33	55.86 2.98 -13.53	56.43 2.84 -18.56	43.53 3.19 0.00	44.85 3.15 -0.06	44.75 3.05 -3.91	39.37 2.55 -1.48	42.88 2.50 0.00
SOUTHOLD___IC 23719	50.20 3.99 0.00	48.19 3.56 0.00	40.65 2.98 0.00	39.85 2.89 0.00	42.23 3.18 0.00	39.88 2.49 0.00	38.27 1.89 0.00	35.26 2.05 0.00	48.77 2.65 0.00	55.80 3.23 0.00	59.84 3.48 0.00	62.01 3.99 0.00	63.75 4.08 -2.68	71.35 3.86 -16.09	71.55 4.26 -15.89	60.53 3.01 -18.21	52.71 2.99 -10.33	55.88 3.00 -13.53	56.43 2.84 -18.56	43.53 3.19 0.00	44.85 3.15 -0.06	44.75 3.06 -3.91	39.37 2.56 -1.48	42.88 2.50 0.00
SOUTH_FORK_WT_PWR 323839	50.38 4.17 0.00	48.33 3.70 0.00	40.77 3.11 0.00	39.96 3.00 0.00	42.27 3.23 0.00	39.75 2.35 0.00	37.79 1.42 0.00	34.81 1.60 0.00	48.05 1.94 0.00	55.00 2.42 0.00	58.99 2.63 0.00	61.17 3.15 0.00	62.91 3.25 -2.67	70.59 3.11 -16.09	70.81 3.52 -15.89	59.95 2.43 -18.21	52.14 2.42 -10.33	55.29 2.42 -13.53	55.92 2.33 -18.56	42.94 2.61 0.00	44.25 2.55 -0.06	44.21 2.51 -3.91	38.84 2.03 -1.48	42.27 1.89 0.00
SPIERFLS_115KV_TB 1 80737	48.94 2.73 0.00	47.31 2.68 0.00	40.02 2.36 0.00	39.29 2.33 0.00	41.56 2.52 0.00	39.82 2.42 0.00	38.96 2.58 0.00	35.64 2.42 0.00	49.58 3.47 0.00	56.51 3.94 0.00	60.63 4.27 0.00	62.40 4.38 0.00	61.35 4.36 0.00	55.29 3.90 0.00	55.32 3.90 -0.03	42.20 2.89 0.00	42.13 2.74 0.00	42.07 2.73 0.00	37.50 2.47 0.00	43.28 2.95 0.00	44.84 3.12 -0.07	42.76 2.71 -2.27	39.49 2.35 -1.81	42.89 2.51 0.00
ST LAWRENCE____ 23600	47.06 0.85 0.00	45.76 1.13 0.00	38.48 0.82 0.00	37.87 0.91 0.00	39.90 0.86 0.00	38.23 0.83 0.00	37.35 0.98 0.00	33.75 0.54 0.00	47.28 1.17 0.00	53.69 1.12 0.00	56.67 0.31 0.00	57.51 -0.50 0.00	56.31 -0.68 0.00	50.54 -0.85 0.00	50.95 -0.45 0.00	38.94 -0.37 0.00	39.28 -0.11 0.00	39.21 -0.13 0.00	34.58 -0.45 0.00	39.84 -0.50 0.00	41.16 -0.48 0.00	37.39 -0.40 0.00	35.07 -0.27 0.00	40.87 0.49 0.00
STATE_CA_115KV_115_LB 55624	47.59 1.39 0.00	45.99 1.36 0.00	38.87 1.20 0.00	38.14 1.18 0.00	40.30 1.26 0.00	38.56 1.16 0.00	37.40 1.02 0.00	34.21 1.00 0.00	47.15 1.04 0.00	53.83 1.25 0.00	57.73 1.37 0.00	59.48 1.46 0.00	58.51 1.52 0.00	52.86 1.47 0.00	52.85 1.43 -0.03	40.41 1.10 0.00	40.38 0.99 0.00	40.34 1.00 0.00	36.00 0.96 0.00	41.70 1.37 0.00	43.10 1.39 -0.07	41.35 1.35 -2.22	38.50 1.39 -1.77	41.75 1.37 0.00

STATE_ST_34_KV_LOAD 55959	46.08 -0.13 0.00	44.48 -0.14 0.00	37.47 -0.20 0.00	36.73 -0.23 0.00	38.83 -0.22 0.00	37.26 -0.14 0.00	36.24 -0.13 0.00	33.01 -0.20 0.00	45.95 -0.17 0.00	52.38 -0.20 0.00	56.19 -0.17 0.00	57.71 -0.31 0.00	56.53 -0.45 0.00	50.83 -0.56 0.00	50.99 -0.53 -0.12	38.97 -0.35 0.00	39.08 -0.32 0.00	39.00 -0.34 0.00	34.74 -0.29 0.00	39.91 -0.42 0.00	41.21 -0.44 -0.01	37.57 -0.44 -0.22	35.13 -0.38 -0.17	40.06 -0.32 0.00
STATION 5_MISC_HYD 23604	44.64 -1.25 0.31	43.29 -1.34 0.00	36.40 -1.27 0.00	35.75 -1.21 0.00	37.78 -1.25 0.02	35.83 -0.97 0.60	35.42 -0.95 0.00	31.91 -1.17 0.12	44.70 -1.42 0.00	50.76 -1.82 0.00	54.16 -2.08 0.12	55.33 -2.69 0.00	54.19 -2.80 0.00	48.76 -2.64 0.00	48.63 -2.52 0.25	37.60 -1.71 0.00	37.73 -1.66 0.00	37.56 -1.79 0.00	33.38 -1.65 0.00	38.30 -2.03 0.00	39.56 -2.09 -0.01	36.05 -1.94 -0.21	33.74 -1.60 0.01	38.95 -1.33 0.10
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	45.58 -0.62 0.00	43.93 -0.69 0.00	36.97 -0.70 0.00	36.29 -0.67 0.00	38.33 -0.71 0.00	36.93 -0.47 0.00	35.96 -0.42 0.00	32.60 -0.61 0.00	45.50 -0.62 0.00	51.78 -0.80 0.00	55.47 -0.89 0.00	56.67 -1.34 0.00	55.47 -1.52 0.00	49.88 -1.51 0.00	49.71 -1.48 0.21	38.34 -0.98 0.00	38.47 -0.92 0.00	38.32 -1.02 0.00	34.11 -0.92 0.00	39.16 -1.17 0.00	40.43 -1.22 -0.01	36.83 -1.17 -0.21	34.55 -0.95 -0.16	39.60 -0.78 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	44.78 -1.42 0.00	43.12 -1.51 0.00	36.29 -1.38 0.00	35.66 -1.30 0.00	37.66 -1.39 0.00	36.29 -1.11 0.00	35.30 -1.07 0.00	31.93 -1.28 0.00	44.56 -1.56 0.00	50.61 -1.96 0.00	54.15 -2.21 0.00	55.21 -2.80 0.00	54.09 -2.90 0.00	48.68 -2.71 0.00	48.58 -2.61 0.21	37.52 -1.80 0.00	37.64 -1.75 0.00	37.47 -1.87 0.00	33.30 -1.73 0.00	38.23 -2.10 0.00	39.47 -2.17 -0.01	35.98 -2.01 -0.20	33.82 -1.68 -0.16	38.91 -1.47 0.00
STA_56___34_KV_BUS2 355983	44.78 -1.42 0.00	43.12 -1.51 0.00	36.29 -1.38 0.00	35.66 -1.30 0.00	37.66 -1.39 0.00	36.29 -1.11 0.00	35.30 -1.07 0.00	31.93 -1.28 0.00	44.56 -1.56 0.00	50.61 -1.96 0.00	54.15 -2.21 0.00	55.21 -2.80 0.00	54.09 -2.90 0.00	48.68 -2.71 0.00	48.58 -2.61 0.21	37.52 -1.80 0.00	37.64 -1.75 0.00	37.47 -1.87 0.00	33.30 -1.73 0.00	38.23 -2.10 0.00	39.47 -2.17 -0.01	35.98 -2.01 -0.20	33.82 -1.68 -0.16	38.91 -1.47 0.00
STA_67___115KV_BK2 355882	44.87 -1.34 0.00	43.21 -1.42 0.00	36.36 -1.31 0.00	35.73 -1.23 0.00	37.72 -1.33 0.00	36.36 -1.04 0.00	35.36 -1.01 0.00	31.97 -1.25 0.00	44.61 -1.51 0.00	50.65 -1.93 0.00	54.16 -2.20 0.00	55.18 -2.83 0.00	54.06 -2.93 0.00	48.65 -2.74 0.00	48.55 -2.62 0.22	37.52 -1.79 0.00	37.64 -1.75 0.00	37.47 -1.87 0.00	33.31 -1.72 0.00	38.23 -2.10 0.00	39.47 -2.18 -0.01	35.98 -2.01 -0.20	33.85 -1.65 -0.16	38.97 -1.41 0.00
STA_7___115KV_9TRANS 80674	45.15 -1.06 0.00	43.47 -1.16 0.00	36.56 -1.10 0.00	35.92 -1.04 0.00	37.92 -1.12 0.00	36.58 -0.83 0.00	35.57 -0.81 0.00	32.17 -1.05 0.00	44.91 -1.21 0.00	51.00 -1.57 0.00	54.58 -1.78 0.00	55.62 -2.39 0.00	54.50 -2.49 0.00	49.05 -2.34 0.00	48.96 -2.22 0.22	37.81 -1.51 0.00	37.93 -1.46 0.00	37.75 -1.59 0.00	33.55 -1.49 0.00	38.51 -1.83 0.00	39.75 -1.90 -0.01	36.23 -1.76 -0.21	34.07 -1.43 -0.16	39.22 -1.16 0.00
STA_82___115KV_TB1 80780	44.88 -1.33 0.00	43.21 -1.42 0.00	36.37 -1.30 0.00	35.73 -1.23 0.00	37.73 -1.32 0.00	36.38 -1.02 0.00	35.37 -1.00 0.00	31.97 -1.24 0.00	44.62 -1.49 0.00	50.66 -1.92 0.00	54.19 -2.17 0.00	55.21 -2.81 0.00	54.06 -2.93 0.00	48.67 -2.72 0.00	48.56 -2.61 0.22	37.53 -1.78 0.00	37.66 -1.73 0.00	37.48 -1.87 0.00	33.32 -1.71 0.00	38.24 -2.10 0.00	39.49 -2.16 -0.01	35.99 -2.00 -0.21	33.85 -1.65 -0.16	38.98 -1.40 0.00
STEEL___WIND 323596	44.29 -1.24 0.67	43.27 -1.36 0.00	36.36 -1.31 0.00	35.76 -1.20 0.01	37.68 -1.32 0.04	35.28 -0.83 1.28	35.52 -0.86 0.00	31.66 -1.29 0.26	44.62 -1.50 0.00	50.45 -2.12 0.00	53.59 -2.51 0.26	54.49 -3.53 0.00	53.15 -3.84 0.00	47.79 -3.61 0.00	47.48 -3.46 0.45	37.09 -2.22 0.00	37.17 -2.22 0.00	36.90 -2.45 0.00	32.75 -2.28 0.00	37.48 -2.86 0.00	38.72 -2.93 -0.01	35.37 -2.69 -0.27	33.12 -2.07 0.15	38.63 -1.54 0.21
STEPHTWN_115KV_BK_2 55603	47.88 1.67 0.00	46.13 1.50 0.00	38.98 1.31 0.00	38.23 1.27 0.00	40.40 1.36 0.00	38.68 1.28 0.00	37.60 1.22 0.00	34.36 1.15 0.00	47.61 1.50 0.00	54.39 1.81 0.00	58.47 2.11 0.00	60.16 2.15 0.00	59.09 2.10 0.00	53.40 2.01 0.00	53.33 1.90 -0.03	40.71 1.40 0.00	40.71 1.32 0.00	40.72 1.38 0.00	36.34 1.30 0.00	42.11 1.78 0.00	43.47 1.75 -0.07	41.63 1.65 -2.20	38.74 1.65 -1.75	41.96 1.58 0.00
STEUBEN_REC_LFGE 323667	45.75 -0.46 0.00	44.06 -0.57 0.00	36.89 -0.78 0.00	36.09 -0.87 0.00	38.16 -0.88 0.00	37.05 -0.36 0.00	36.42 0.04 0.00	33.11 -0.10 0.00	46.44 0.33 0.00	52.78 0.20 0.00	56.53 0.17 0.00	57.51 -0.51 0.00	55.45 -1.54 0.00	48.99 -2.40 0.00	47.73 -2.46 1.20	37.47 -1.85 0.00	37.84 -1.55 0.00	37.80 -1.54 0.00	34.08 -0.95 0.00	38.99 -1.34 0.00	40.28 -1.37 -0.01	36.86 -1.31 -0.37	34.63 -1.01 -0.30	39.68 -0.70 0.00
STILLWATER___SOLAR 323814	48.45 2.24 0.00	46.80 2.18 0.00	39.57 1.90 0.00	38.83 1.88 0.00	41.06 2.02 0.00	39.34 1.94 0.00	38.40 2.02 0.00	35.14 1.93 0.00	48.84 2.72 0.00	55.70 3.12 0.00	59.74 3.38 0.00	61.48 3.46 0.00	60.46 3.47 0.00	54.54 3.15 0.00	54.56 3.14 -0.03	41.64 2.33 0.00	41.62 2.23 0.00	41.57 2.23 0.00	37.03 2.00 0.00	42.73 2.39 0.00	44.22 2.51 -0.07	42.24 2.20 -2.26	39.08 1.94 -1.80	42.44 2.06 0.00
STONY___BROOK 24151	48.76 2.55 0.00	46.86 2.23 0.00	39.57 1.90 0.00	38.79 1.83 0.00	41.11 2.07 0.00	39.25 1.85 0.00	38.46 2.09 0.00	35.44 2.22 0.00	49.13 3.02 0.00	56.21 3.63 0.00	60.41 4.05 0.00	62.52 4.50 0.00	64.66 4.59 -3.08	71.90 4.33 -16.17	71.90 4.54 -15.96	60.92 3.32 -18.29	53.06 3.29 -10.37	56.29 3.35 -13.60	56.69 3.01 -18.64	43.75 3.42 0.00	45.05 3.34 -0.06	44.95 3.24 -3.92	39.56 2.75 -1.48	43.20 2.81 0.00
STURGEON_POOL_HYD 23609	47.55 1.34 0.00	45.82 1.19 0.00	38.67 1.00 0.00	37.97 1.01 0.00	40.06 1.02 0.00	38.34 0.94 0.00	37.52 1.15 0.00	34.48 1.26 0.00	48.04 1.92 0.00	54.87 2.30 0.00	58.97 2.61 0.00	61.07 3.05 0.00	60.11 3.12 0.00	54.28 2.89 0.00	54.18 2.75 -0.03	41.36 2.05 0.00	41.56 2.17 0.00	41.63 2.29 0.00	37.03 2.00 0.00	42.52 2.18 0.00	43.93 2.23 -0.06	41.65 1.98 -1.88	38.48 1.64 -1.50	41.98 1.60 0.00
ST_LAW_115_BK7_LBMP 345037	47.10 0.89 0.00	45.81 1.18 0.00	38.52 0.85 0.00	37.91 0.94 0.00	39.94 0.89 0.00	38.26 0.86 0.00	37.40 1.02 0.00	33.79 0.58 0.00	47.33 1.21 0.00	53.75 1.17 0.00	56.71 0.36 0.00	57.55 -0.47 0.00	56.33 -0.66 0.00	50.57 -0.82 0.00	50.97 -0.43 0.00	38.95 -0.36 0.00	39.30 -0.09 0.00	39.23 -0.11 0.00	34.59 -0.44 0.00	39.86 -0.48 0.00	41.18 -0.46 0.00	37.40 -0.39 0.00	35.08 -0.26 0.00	40.90 0.52 0.00

ST_LAW_115_BK8_LBMP 345038	47.10 0.89 0.00	45.81 1.18 0.00	38.52 0.85 0.00	37.91 0.94 0.00	39.94 0.89 0.00	38.26 0.86 0.00	37.40 1.02 0.00	33.79 0.58 0.00	47.33 1.21 0.00	53.75 1.17 0.00	56.71 0.36 0.00	57.55 -0.47 0.00	56.33 -0.66 0.00	50.57 -0.82 0.00	50.97 -0.43 0.00	38.95 -0.36 0.00	39.30 -0.09 0.00	39.23 -0.11 0.00	34.59 -0.44 0.00	39.86 -0.48 0.00	41.18 -0.46 0.00	37.40 -0.39 0.00	35.08 -0.26 0.00	40.90 0.52 0.00
ST_LAW_230_BK5_LBMP 345035	47.06 0.85 0.00	45.76 1.13 0.00	38.48 0.82 0.00	37.87 0.91 0.00	39.90 0.86 0.00	38.23 0.83 0.00	37.35 0.98 0.00	33.75 0.54 0.00	47.28 1.17 0.00	53.69 1.12 0.00	56.67 0.31 0.00	57.51 -0.50 0.00	56.31 -0.68 0.00	50.54 -0.85 0.00	50.95 -0.45 0.00	38.94 -0.37 0.00	39.28 -0.11 0.00	39.21 -0.13 0.00	34.58 -0.45 0.00	39.84 -0.50 0.00	41.16 -0.48 0.00	37.39 -0.40 0.00	35.07 -0.27 0.00	40.87 0.49 0.00
ST_LAW_230_BK6_LBMP 345036	47.06 0.85 0.00	45.76 1.13 0.00	38.48 0.82 0.00	37.87 0.91 0.00	39.90 0.86 0.00	38.23 0.83 0.00	37.35 0.98 0.00	33.75 0.54 0.00	47.28 1.17 0.00	53.69 1.12 0.00	56.67 0.31 0.00	57.51 -0.50 0.00	56.31 -0.68 0.00	50.54 -0.85 0.00	50.95 -0.45 0.00	38.94 -0.37 0.00	39.28 -0.11 0.00	39.21 -0.13 0.00	34.58 -0.45 0.00	39.84 -0.50 0.00	41.16 -0.48 0.00	37.39 -0.40 0.00	35.07 -0.27 0.00	40.87 0.49 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	47.65 1.45 0.00	45.96 1.33 0.00	38.82 1.15 0.00	38.11 1.15 0.00	40.22 1.18 0.00	38.49 1.09 0.00	37.59 1.22 0.00	34.51 1.29 0.00	47.96 1.85 0.00	54.72 2.15 0.00	58.75 2.39 0.00	60.80 2.78 0.00	59.83 2.84 0.00	54.03 2.64 0.00	53.97 2.55 -0.02	41.23 1.92 0.00	41.40 2.01 0.00	41.50 2.16 0.00	36.94 1.91 0.00	42.48 2.14 0.00	43.88 2.19 -0.06	41.51 1.98 -1.74	38.40 1.67 -1.39	42.02 1.64 0.00
SWANROAD_115KV_TB1 355699	43.53 -2.68 0.00	41.91 -2.72 0.00	35.23 -2.44 0.00	34.66 -2.30 0.00	36.53 -2.52 0.00	35.33 -2.07 0.00	34.26 -2.11 0.00	30.64 -2.57 0.00	42.82 -3.29 0.00	48.38 -4.20 0.00	51.54 -4.82 0.00	51.98 -6.04 0.00	50.83 -6.16 0.00	45.76 -5.64 0.00	45.70 -5.37 0.33	35.59 -3.73 0.00	35.78 -3.61 0.00	35.48 -3.86 0.00	31.49 -3.55 0.00	36.04 -4.30 0.00	37.21 -4.44 -0.01	34.01 -4.03 -0.25	32.30 -3.24 -0.20	37.73 -2.65 0.00
SYNERGY___BIOGAS 323694	44.93 -0.81 0.47	43.63 -1.00 0.00	36.65 -1.01 0.00	36.02 -0.93 0.01	38.04 -0.98 0.03	35.90 -0.61 0.89	35.78 -0.60 0.00	32.04 -0.99 0.18	45.09 -1.03 0.00	51.11 -1.47 0.00	54.42 -1.76 0.18	55.34 -2.67 0.00	54.11 -2.88 0.00	48.62 -2.77 0.00	48.43 -2.63 0.33	37.62 -1.69 0.00	37.81 -1.58 0.00	37.55 -1.80 0.00	33.36 -1.67 0.00	38.23 -2.11 0.00	39.48 -2.16 -0.01	35.99 -2.03 -0.23	33.72 -1.55 0.07	39.24 -0.99 0.15
SYRACUSE___ENERGY_ST1 323597	45.80 -0.41 0.00	44.22 -0.40 0.00	37.28 -0.39 0.00	36.56 -0.40 0.00	38.64 -0.40 0.00	37.06 -0.35 0.00	36.00 -0.38 0.00	32.80 -0.41 0.00	45.60 -0.52 0.00	51.99 -0.58 0.00	55.77 -0.59 0.00	57.33 -0.69 0.00	56.25 -0.74 0.00	50.64 -0.76 0.00	50.64 -0.75 0.00	38.77 -0.54 0.00	38.86 -0.53 0.00	38.79 -0.55 0.00	34.54 -0.49 0.00	39.71 -0.62 0.00	41.00 -0.65 -0.01	37.33 -0.62 -0.18	34.93 -0.55 -0.14	39.87 -0.51 0.00
SYRACUSE___ENERGY_ST2 323598	45.80 -0.41 0.00	44.22 -0.40 0.00	37.28 -0.39 0.00	36.56 -0.40 0.00	38.64 -0.40 0.00	37.06 -0.35 0.00	36.00 -0.38 0.00	32.80 -0.41 0.00	45.60 -0.52 0.00	51.99 -0.58 0.00	55.77 -0.59 0.00	57.33 -0.69 0.00	56.25 -0.74 0.00	50.64 -0.76 0.00	50.64 -0.75 0.00	38.77 -0.54 0.00	38.86 -0.53 0.00	38.79 -0.55 0.00	34.54 -0.49 0.00	39.71 -0.62 0.00	41.00 -0.65 -0.01	37.33 -0.62 -0.18	34.93 -0.55 -0.14	39.87 -0.51 0.00
SYRACUSE___POWER 24017	45.84 -0.37 0.00	44.26 -0.37 0.00	37.31 -0.36 0.00	36.59 -0.37 0.00	38.65 -0.39 0.00	37.08 -0.32 0.00	36.03 -0.34 0.00	32.84 -0.37 0.00	45.65 -0.46 0.00	52.05 -0.52 0.00	55.85 -0.51 0.00	57.43 -0.59 0.00	56.33 -0.66 0.00	50.70 -0.69 0.00	50.80 -0.68 -0.08	38.84 -0.48 0.00	38.92 -0.47 0.00	38.84 -0.51 0.00	34.58 -0.45 0.00	39.76 -0.58 0.00	41.04 -0.60 -0.01	37.39 -0.58 -0.18	34.97 -0.51 -0.15	39.90 -0.48 0.00
TALLMAN___138KV_BK151 55660	47.70 1.49 0.00	46.00 1.38 0.00	38.86 1.19 0.00	38.15 1.19 0.00	40.26 1.22 0.00	38.53 1.13 0.00	37.63 1.25 0.00	34.55 1.34 0.00	48.01 1.90 0.00	54.76 2.18 0.00	58.79 2.43 0.00	60.87 2.85 0.00	59.93 2.94 0.00	54.16 2.77 0.00	54.07 2.65 -0.02	41.30 1.99 0.00	41.52 2.13 0.00	41.66 2.32 0.00	37.10 2.07 0.00	42.64 2.30 0.00	44.04 2.34 -0.06	41.70 2.12 -1.79	38.53 1.77 -1.43	42.11 1.73 0.00
TEALLAVE_115KV_TB7 355573	45.59 -0.62 0.00	44.01 -0.62 0.00	37.11 -0.55 0.00	36.40 -0.56 0.00	38.46 -0.58 0.00	36.89 -0.51 0.00	35.83 -0.54 0.00	32.64 -0.57 0.00	45.36 -0.75 0.00	51.71 -0.86 0.00	55.47 -0.89 0.00	57.02 -1.00 0.00	55.95 -1.05 0.00	50.38 -1.01 0.00	50.37 -1.03 0.00	38.59 -0.73 0.00	38.66 -0.76 0.00	38.58 -0.76 0.00	34.35 -0.68 0.00	39.51 -0.83 0.00	40.78 -0.86 0.00	37.11 -0.82 -0.15	34.74 -0.73 -0.12	39.67 -0.71 0.00
TELGRAPH_34_KV_EAST 80808	44.55 -1.65 0.00	42.87 -1.76 0.00	36.03 -1.64 0.00	35.44 -1.52 0.00	37.37 -1.67 0.00	36.16 -1.24 0.00	35.12 -1.25 0.00	31.52 -1.69 0.00	44.10 -2.02 0.00	49.89 -2.69 0.00	53.25 -3.11 0.00	53.83 -4.19 0.00	52.63 -4.36 0.00	47.35 -4.04 0.00	47.25 -3.84 0.30	36.71 -2.60 0.00	36.90 -2.50 0.00	36.60 -2.74 0.00	32.50 -2.53 0.00	37.23 -3.10 0.00	38.45 -3.20 -0.01	35.08 -2.95 -0.24	33.23 -2.31 -0.19	38.63 -1.75 0.00
TEMPLE___115KV_TB 2 55572	45.61 -0.60 0.00	44.04 -0.59 0.00	37.12 -0.55 0.00	36.42 -0.54 0.00	38.48 -0.56 0.00	36.90 -0.50 0.00	35.84 -0.54 0.00	32.65 -0.56 0.00	45.38 -0.73 0.00	51.73 -0.84 0.00	55.49 -0.87 0.00	57.03 -0.99 0.00	55.97 -1.02 0.00	50.38 -1.01 0.00	50.40 -1.00 0.00	38.60 -0.71 0.00	38.68 -0.71 0.00	38.60 -0.74 0.00	34.37 -0.66 0.00	39.52 -0.82 0.00	40.79 -0.85 0.00	37.13 -0.81 -0.16	34.76 -0.71 -0.12	39.68 -0.70 0.00
TIANA____69_KV_BK 1 55817	49.45 3.24 0.00	47.48 2.85 0.00	40.06 2.39 0.00	39.28 2.32 0.00	41.75 2.71 0.00	39.69 2.29 0.00	38.58 2.21 0.00	35.54 2.33 0.00	49.24 3.13 0.00	56.26 3.68 0.00	60.25 3.89 0.00	62.40 4.39 0.00	64.19 4.53 -2.68	71.71 4.22 -16.09	71.97 4.68 -15.89	60.82 3.30 -18.21	53.02 3.31 -10.33	56.21 3.33 -13.53	56.75 3.15 -18.56	43.89 3.56 0.00	45.22 3.52 -0.06	45.11 3.41 -3.91	39.71 2.90 -1.48	43.31 2.93 0.00
TILDEN___115KV_TB1 80814	45.84 -0.37 0.00	44.26 -0.37 0.00	37.31 -0.36 0.00	36.59 -0.37 0.00	38.65 -0.39 0.00	37.08 -0.32 0.00	36.03 -0.34 0.00	32.84 -0.37 0.00	45.65 -0.46 0.00	52.05 -0.52 0.00	55.85 -0.51 0.00	57.43 -0.59 0.00	56.33 -0.66 0.00	50.70 -0.69 0.00	50.80 -0.68 -0.08	38.84 -0.48 0.00	38.92 -0.47 0.00	38.84 -0.51 0.00	34.58 -0.45 0.00	39.76 -0.58 0.00	41.04 -0.60 -0.01	37.39 -0.58 -0.18	34.97 -0.51 -0.15	39.90 -0.48 0.00

TRIGEN___CC 323695	48.18 1.97 0.00	46.40 1.77 0.00	39.17 1.50 0.00	38.44 1.48 0.00	40.63 1.59 0.00	38.83 1.43 0.00	38.00 1.63 0.00	34.98 1.77 0.00	48.54 2.42 0.00	55.40 2.82 0.00	59.47 3.10 -0.01	61.56 3.53 0.00	141.05 3.68 -80.39	85.23 3.45 -30.39	84.31 3.48 -29.43	75.22 2.63 -33.27	61.00 2.70 -18.91	66.77 2.78 -24.65	70.80 2.44 -33.33	43.17 2.83 0.00	44.52 2.82 -0.06	45.95 2.67 -5.49	39.11 2.29 -1.48	42.71 2.33 0.00
TRINITY___115KV___4 BK 55933	47.44 1.23 0.00	45.84 1.21 0.00	38.76 1.09 0.00	38.02 1.06 0.00	40.18 1.14 0.00	38.45 1.05 0.00	37.27 0.90 0.00	34.10 0.89 0.00	46.99 0.87 0.00	53.61 1.03 0.00	57.48 1.12 0.00	59.22 1.21 0.00	58.25 1.26 0.00	52.64 1.25 0.00	52.65 1.22 -0.03	40.25 0.94 0.00	40.21 0.82 0.00	40.18 0.84 0.00	35.85 0.82 0.00	41.54 1.21 0.00	42.95 1.23 -0.07	41.20 1.21 -2.20	38.35 1.26 -1.76	41.62 1.24 0.00
UNION___PROCESSING_DRP 323587	44.89 -1.32 0.00	43.23 -1.40 0.00	36.37 -1.30 0.00	35.73 -1.23 0.00	37.73 -1.31 0.00	36.39 -1.02 0.00	35.38 -1.00 0.00	31.99 -1.22 0.00	44.64 -1.48 0.00	50.68 -1.90 0.00	54.20 -2.16 0.00	55.22 -2.79 0.00	54.08 -2.91 0.00	48.68 -2.71 0.00	48.59 -2.59 0.22	37.54 -1.77 0.00	37.67 -1.72 0.00	37.49 -1.86 0.00	33.33 -1.70 0.00	38.26 -2.08 0.00	39.50 -2.15 -0.01	36.00 -1.99 -0.21	33.86 -1.64 -0.16	38.99 -1.39 0.00
UPPER HUDSON___HYD 24058	48.94 2.73 0.00	47.31 2.69 0.00	40.02 2.36 0.00	39.29 2.33 0.00	41.56 2.52 0.00	39.82 2.42 0.00	38.95 2.58 0.00	35.64 2.42 0.00	49.58 3.46 0.00	56.51 3.94 0.00	60.63 4.27 0.00	62.40 4.38 0.00	61.35 4.36 0.00	55.29 3.90 0.00	55.32 3.90 -0.03	42.20 2.89 0.00	42.13 2.74 0.00	42.07 2.73 0.00	37.50 2.47 0.00	43.29 2.95 0.00	44.84 3.12 -0.07	42.76 2.71 -2.27	39.50 2.35 -1.81	42.89 2.51 0.00
UPPER RAQUET___HYD 24056	47.66 1.45 0.00	46.24 1.61 0.00	38.89 1.22 0.00	38.25 1.29 0.00	40.33 1.28 0.00	38.68 1.28 0.00	37.85 1.48 0.00	34.24 1.03 0.00	47.99 1.87 0.00	54.58 2.00 0.00	57.69 1.33 0.00	58.58 0.56 0.00	57.35 0.36 0.00	51.43 0.04 0.00	51.76 0.36 0.00	39.54 0.23 0.00	39.89 0.49 0.00	39.80 0.46 0.00	35.12 0.09 0.00	40.51 0.17 0.00	41.85 0.21 0.00	38.01 0.19 -0.04	35.59 0.22 -0.03	41.38 1.00 0.00
VALLEY44_115KV_TB2 355964	45.68 -0.53 0.00	43.97 -0.66 0.00	36.96 -0.70 0.00	36.34 -0.62 0.00	38.35 -0.69 0.00	37.08 -0.32 0.00	36.10 -0.27 0.00	32.35 -0.86 0.00	45.26 -0.85 0.00	51.18 -1.40 0.00	54.78 -1.58 0.00	55.77 -2.25 0.00	54.55 -2.44 0.00	49.14 -2.24 0.00	49.10 -1.85 0.45	38.24 -1.07 0.00	38.31 -1.08 0.00	38.09 -1.26 0.00	34.02 -1.01 0.00	39.01 -1.33 0.00	40.32 -1.33 -0.01	36.86 -1.23 -0.30	34.52 -1.06 -0.24	39.75 -0.63 0.00
VALLEY___115KV_TB 1-4 80826	46.90 0.69 0.00	45.37 0.74 0.00	38.28 0.62 0.00	37.54 0.58 0.00	39.61 0.57 0.00	37.77 0.37 0.00	36.65 0.28 0.00	33.54 0.33 0.00	46.62 0.51 0.00	53.16 0.58 0.00	57.13 0.77 0.00	59.04 1.03 0.00	58.14 1.15 0.00	52.66 1.27 0.00	52.76 1.36 0.00	40.17 0.85 0.00	40.03 0.64 0.00	39.87 0.53 0.00	35.43 0.40 0.00	40.88 0.54 0.00	42.14 0.50 0.00	38.36 0.58 0.00	35.90 0.56 0.00	40.80 0.42 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	48.23 2.02 0.00	46.50 1.87 0.00	39.20 1.53 0.00	38.46 1.50 0.00	40.58 1.53 0.00	38.88 1.48 0.00	37.96 1.58 0.00	34.73 1.52 0.00	48.46 2.35 0.00	55.32 2.74 0.00	59.44 3.08 0.00	61.31 3.29 0.00	60.16 3.17 0.00	54.11 2.72 0.00	54.21 2.73 -0.08	41.33 2.01 0.00	41.49 2.10 0.00	41.42 2.08 0.00	36.88 1.85 0.00	42.39 2.05 0.00	43.80 2.13 -0.03	40.46 1.91 -0.76	37.65 1.71 -0.60	42.24 1.86 0.00
VISCHER___FERRY HYD 24020	47.88 1.67 0.00	46.27 1.64 0.00	39.14 1.47 0.00	38.39 1.43 0.00	40.59 1.55 0.00	38.85 1.45 0.00	37.85 1.48 0.00	34.67 1.46 0.00	48.06 1.94 0.00	54.80 2.22 0.00	58.73 2.37 0.00	60.47 2.45 0.00	59.48 2.49 0.00	53.74 2.35 0.00	53.76 2.33 -0.03	41.06 1.75 0.00	41.03 1.64 0.00	40.97 1.63 0.00	36.50 1.47 0.00	42.11 1.77 0.00	43.59 1.87 -0.07	41.68 1.67 -2.23	38.63 1.52 -1.78	41.92 1.54 0.00
V_A_10_SYNC_DSASP 323832	43.46 -2.25 0.49	42.30 -2.33 0.00	35.56 -2.11 0.00	34.94 -2.01 0.01	36.90 -2.12 0.03	34.73 -1.74 0.94	34.68 -1.70 0.00	31.00 -2.02 0.19	43.56 -2.56 0.00	49.27 -3.30 0.00	52.40 -3.78 0.19	53.32 -4.70 0.00	52.16 -4.84 0.00	46.93 -4.46 0.00	46.81 -4.27 0.32	36.38 -2.93 0.00	36.54 -2.85 0.00	36.33 -3.01 0.00	32.28 -2.75 0.00	37.01 -3.33 0.00	38.23 -3.42 -0.01	34.88 -3.13 -0.23	32.66 -2.59 0.09	37.97 -2.25 0.15
V_CMM_10_SYNC_DSASP 323787	47.37 1.16 0.00	46.05 1.42 0.00	38.73 1.06 0.00	38.11 1.15 0.00	40.16 1.12 0.00	38.47 1.07 0.00	37.61 1.23 0.00	33.97 0.76 0.00	47.60 1.48 0.00	54.06 1.48 0.00	57.04 0.68 0.00	57.87 -0.15 0.00	56.65 -0.34 0.00	50.85 -0.54 0.00	51.25 -0.14 0.00	39.18 -0.14 0.00	39.53 0.14 0.00	39.46 0.12 0.00	34.79 -0.24 0.00	40.08 -0.26 0.00	41.41 -0.23 0.00	37.62 -0.17 0.00	35.28 -0.06 0.00	41.12 0.74 0.00
V_CMP_10_SYNC_DSASP 323788	48.16 1.95 0.00	46.89 2.26 0.00	39.54 1.87 0.00	39.00 2.04 0.00	41.08 2.04 0.00	39.30 1.90 0.00	38.47 2.09 0.00	34.71 1.50 0.00	48.79 2.68 0.00	55.35 2.78 0.00	58.40 2.04 0.00	59.50 1.48 0.00	58.09 1.10 0.00	52.12 0.72 0.00	52.66 1.26 0.00	40.20 0.89 0.00	40.45 1.06 0.00	40.48 1.14 0.00	35.68 0.65 0.00	41.11 0.77 0.00	42.37 0.73 0.00	38.49 0.70 0.00	35.93 0.59 0.00	41.77 1.38 0.00
V_D_10_SYNC_DSASP 323841	47.62 1.41 0.00	46.30 1.67 0.00	38.93 1.26 0.00	38.31 1.34 0.00	40.36 1.32 0.00	38.68 1.28 0.00	37.83 1.45 0.00	34.17 0.96 0.00	47.87 1.76 0.00	54.38 1.80 0.00	57.38 1.02 0.00	58.23 0.21 0.00	57.00 0.02 0.00	51.16 -0.23 0.00	51.55 0.15 0.00	39.40 0.09 0.00	39.76 0.37 0.00	39.67 0.33 0.00	34.99 -0.04 0.00	40.31 -0.03 0.00	41.65 0.01 0.00	37.86 0.04 -0.03	35.49 0.13 -0.02	41.35 0.97 0.00
V_E_10_SYNC_DSASP 323830	49.60 3.22 -0.16	47.50 2.87 0.00	39.91 2.24 0.00	39.05 2.09 0.00	41.14 2.09 -0.01	39.54 1.82 -0.31	38.43 2.06 0.00	35.24 1.97 -0.06	49.49 3.37 0.00	56.79 4.21 0.00	61.66 5.24 -0.06	63.93 5.91 0.00	62.36 5.37 0.00	55.73 4.34 0.00	56.21 4.23 -0.59	42.20 2.89 0.00	42.10 2.72 0.00	41.81 2.46 0.00	37.00 1.97 0.00	42.49 2.16 0.00	44.27 2.61 -0.02	40.78 2.45 -0.54	38.04 2.18 -0.52	42.65 2.22 -0.05
V_F_30_NSYNC___DSASP 323816	48.49 2.28 0.00	46.84 2.21 0.00	39.59 1.93 0.00	38.85 1.89 0.00	41.09 2.05 0.00	39.36 1.96 0.00	38.42 2.04 0.00	35.16 1.95 0.00	48.88 2.76 0.00	55.74 3.16 0.00	59.79 3.43 0.00	61.54 3.52 0.00	60.52 3.53 0.00	54.57 3.18 0.00	54.60 3.17 -0.03	41.67 2.36 0.00	41.65 2.26 0.00	41.60 2.26 0.00	37.05 2.02 0.00	42.75 2.42 0.00	44.25 2.53 -0.07	42.28 2.24 -2.26	39.12 1.98 -1.80	42.47 2.09 0.00

V_F_30_SYNC_DSASP 323786	47.59 1.39 0.00	45.99 1.36 0.00	38.87 1.20 0.00	38.14 1.18 0.00	40.30 1.26 0.00	38.56 1.16 0.00	37.40 1.02 0.00	34.21 1.00 0.00	47.15 1.04 0.00	53.83 1.25 0.00	57.72 1.36 0.00	59.48 1.46 0.00	58.51 1.52 0.00	52.85 1.46 0.00	52.85 1.42 -0.03	40.40 1.09 0.00	40.38 0.99 0.00	40.34 1.00 0.00	35.99 0.96 0.00	41.70 1.37 0.00	43.10 1.38 -0.07	41.35 1.35 -2.22	38.49 1.38 -1.77	41.75 1.37 0.00
V_XM_10_SYNC_DSASP 323789	48.16 1.95 0.00	46.89 2.26 0.00	39.54 1.87 0.00	39.00 2.04 0.00	41.08 2.04 0.00	39.30 1.90 0.00	38.47 2.09 0.00	34.71 1.50 0.00	48.79 2.68 0.00	55.35 2.78 0.00	58.40 2.04 0.00	59.50 1.48 0.00	58.09 1.10 0.00	52.12 0.72 0.00	52.66 1.26 0.00	40.20 0.89 0.00	40.45 1.06 0.00	40.48 1.14 0.00	35.68 0.65 0.00	41.11 0.77 0.00	42.37 0.73 0.00	38.49 0.70 0.00	35.93 0.59 0.00	41.77 1.38 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	47.86 1.66 0.00	46.16 1.53 0.00	38.99 1.32 0.00	38.27 1.31 0.00	40.39 1.34 0.00	38.65 1.25 0.00	37.76 1.38 0.00	34.67 1.46 0.00	48.19 2.07 0.00	54.95 2.37 0.00	59.00 2.64 0.00	61.09 3.08 0.00	60.14 3.15 0.00	54.35 2.96 0.00	54.25 2.83 -0.03	41.44 2.13 0.00	41.66 2.27 0.00	41.79 2.45 0.00	37.22 2.19 0.00	42.78 2.44 0.00	44.18 2.48 -0.06	41.84 2.26 -1.80	38.67 1.90 -1.43	42.26 1.88 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	48.11 1.90 0.00	46.39 1.76 0.00	39.17 1.50 0.00	38.45 1.50 0.00	40.58 1.53 0.00	38.77 1.37 0.00	37.85 1.48 0.00	34.78 1.57 0.00	48.33 2.21 0.00	55.14 2.56 0.00	59.22 2.86 0.00	61.32 3.30 0.00	60.39 3.41 0.00	54.59 3.20 0.00	54.54 3.12 -0.03	41.70 2.39 0.00	41.88 2.49 0.00	41.95 2.61 0.00	37.31 2.28 0.00	42.93 2.59 0.00	44.36 2.66 -0.06	42.09 2.45 -1.85	38.93 2.12 -1.48	42.50 2.12 0.00
W50THST__13_KV_LOAD 356117	48.33 2.12 0.00	46.61 1.98 0.00	39.34 1.67 0.00	38.61 1.66 0.00	40.76 1.71 0.00	38.95 1.54 0.00	38.03 1.65 0.00	34.95 1.73 0.00	48.56 2.44 0.00	55.41 2.83 0.00	59.52 3.16 0.00	61.63 3.61 0.00	60.69 3.70 0.00	54.87 3.48 0.00	54.81 3.38 -0.03	41.92 2.60 0.00	42.09 2.70 0.00	42.18 2.84 0.00	37.49 2.46 0.00	43.13 2.79 0.00	44.56 2.86 -0.06	42.27 2.64 -1.85	39.10 2.29 -1.48	42.68 2.30 0.00
WADING RIVER_IC_1 23522	48.89 2.69 0.00	46.95 2.32 0.00	39.63 1.96 0.00	38.87 1.91 0.00	41.41 2.37 0.00	39.48 2.08 0.00	38.54 2.16 0.00	35.48 2.27 0.00	49.21 3.09 0.00	56.07 3.49 0.00	59.93 3.57 0.00	62.04 4.02 0.00	63.75 4.13 -2.63	71.40 3.92 -16.09	71.79 4.51 -15.88	60.68 3.17 -18.20	52.86 3.15 -10.32	56.07 3.20 -13.53	56.67 3.08 -18.55	43.82 3.49 0.00	45.14 3.43 -0.06	45.05 3.35 -3.91	39.66 2.84 -1.48	43.28 2.90 0.00
WADING RIVER_IC_2 23547	48.89 2.69 0.00	46.95 2.32 0.00	39.63 1.96 0.00	38.87 1.91 0.00	41.41 2.37 0.00	39.48 2.08 0.00	38.54 2.16 0.00	35.48 2.27 0.00	49.21 3.09 0.00	56.07 3.49 0.00	59.93 3.57 0.00	62.04 4.02 0.00	63.75 4.13 -2.63	71.40 3.92 -16.09	71.79 4.51 -15.88	60.68 3.17 -18.20	52.86 3.15 -10.32	56.07 3.20 -13.53	56.67 3.08 -18.55	43.82 3.49 0.00	45.14 3.43 -0.06	45.05 3.35 -3.91	39.66 2.84 -1.48	43.28 2.90 0.00
WADING RIVER_IC_3 23601	48.89 2.69 0.00	46.95 2.32 0.00	39.63 1.96 0.00	38.87 1.91 0.00	41.41 2.37 0.00	39.48 2.08 0.00	38.54 2.16 0.00	35.48 2.27 0.00	49.21 3.09 0.00	56.07 3.49 0.00	59.93 3.57 0.00	62.04 4.02 0.00	63.75 4.13 -2.63	71.40 3.92 -16.09	71.79 4.51 -15.88	60.68 3.17 -18.20	52.86 3.15 -10.32	56.07 3.20 -13.53	56.67 3.08 -18.55	43.82 3.49 0.00	45.14 3.43 -0.06	45.05 3.35 -3.91	39.66 2.84 -1.48	43.28 2.90 0.00
WALDENNY_12_KV_BK2 80841	44.95 -1.26 0.00	43.25 -1.38 0.00	36.35 -1.31 0.00	35.76 -1.20 0.00	37.70 -1.34 0.00	36.52 -0.88 0.00	35.51 -0.87 0.00	31.86 -1.35 0.00	44.57 -1.54 0.00	50.39 -2.18 0.00	53.78 -2.58 0.00	54.36 -3.66 0.00	53.08 -3.91 0.00	47.72 -3.67 0.00	47.55 -3.47 0.37	37.04 -2.27 0.00	37.17 -2.22 0.00	36.91 -2.43 0.00	32.75 -2.28 0.00	37.50 -2.84 0.00	38.74 -2.91 -0.01	35.36 -2.69 -0.27	33.51 -2.05 -0.22	38.88 -1.50 0.00
WALDEN__HYDRO 24148	47.97 1.77 0.00	46.25 1.62 0.00	39.05 1.38 0.00	38.33 1.37 0.00	40.46 1.42 0.00	38.72 1.32 0.00	37.84 1.47 0.00	34.75 1.54 0.00	48.34 2.23 0.00	55.20 2.62 0.00	59.31 2.95 0.00	61.38 3.36 0.00	60.41 3.42 0.00	54.51 3.12 0.00	54.44 3.02 -0.03	41.59 2.27 0.00	41.75 2.36 0.00	41.82 2.48 0.00	37.22 2.19 0.00	42.80 2.46 0.00	44.22 2.52 -0.06	41.86 2.27 -1.81	38.72 1.94 -1.44	42.31 1.93 0.00
WARRENSBURG____ 23737	48.94 2.73 0.00	47.31 2.69 0.00	40.02 2.36 0.00	39.29 2.33 0.00	41.56 2.52 0.00	39.82 2.42 0.00	38.95 2.58 0.00	35.64 2.42 0.00	49.58 3.46 0.00	56.51 3.94 0.00	60.63 4.27 0.00	62.40 4.38 0.00	61.35 4.36 0.00	55.29 3.90 0.00	55.32 3.90 -0.03	42.20 2.89 0.00	42.13 2.74 0.00	42.07 2.73 0.00	37.50 2.47 0.00	43.29 2.95 0.00	44.84 3.12 -0.07	42.76 2.71 -2.27	39.50 2.35 -1.81	42.89 2.51 0.00
WATERSIDE____6 8 9 23538	48.08 1.87 0.00	46.38 1.76 0.00	39.16 1.49 0.00	38.47 1.51 0.00	40.57 1.53 0.00	38.75 1.35 0.00	37.82 1.45 0.00	34.77 1.56 0.00	48.28 2.17 0.00	55.07 2.49 0.00	59.16 2.80 0.00	61.27 3.25 0.00	60.33 3.34 0.00	54.57 3.18 0.00	54.52 3.10 -0.03	41.69 2.38 0.00	41.88 2.49 0.00	41.94 2.60 0.00	37.30 2.27 0.00	42.92 2.59 0.00	44.36 2.66 -0.06	42.11 2.47 -1.85	38.95 2.14 -1.48	42.50 2.12 0.00
WATKINRD_115KV_LN8_ILLION 55919	46.73 0.52 0.00	45.16 0.53 0.00	38.11 0.44 0.00	37.38 0.42 0.00	39.47 0.43 0.00	37.74 0.34 0.00	36.70 0.32 0.00	33.57 0.36 0.00	46.65 0.54 0.00	53.22 0.65 0.00	57.16 0.79 0.00	58.97 0.95 0.00	57.96 0.97 0.00	52.34 0.95 0.00	52.36 0.96 0.00	39.94 0.63 0.00	39.92 0.53 0.00	39.83 0.49 0.00	35.44 0.41 0.00	40.86 0.53 0.00	42.17 0.53 0.00	38.30 0.52 0.00	35.80 0.46 0.00	40.76 0.38 0.00
WATSON__69_KV_BK 1 55734	49.16 2.95 0.00	47.23 2.60 0.00	39.87 2.20 0.00	39.11 2.15 0.00	41.41 2.37 0.00	39.53 2.13 0.00	38.77 2.39 0.00	35.74 2.52 0.00	49.54 3.43 0.00	56.69 4.11 0.00	60.97 4.61 0.00	63.11 5.09 0.00	68.84 5.20 -6.65	72.92 4.81 -16.72	72.83 4.96 -16.48	61.82 3.64 -18.86	53.74 3.66 -10.70	57.05 3.70 -14.01	57.52 3.30 -19.19	44.09 3.75 0.00	45.41 3.70 -0.06	45.29 3.52 -3.98	39.85 3.04 -1.48	43.53 3.15 0.00
WDELAWARE__HYD 323627	47.86 1.65 0.00	46.13 1.50 0.00	38.93 1.26 0.00	38.22 1.26 0.00	40.35 1.30 0.00	38.64 1.24 0.00	37.79 1.42 0.00	34.70 1.49 0.00	48.37 2.25 0.00	55.25 2.68 0.00	59.38 3.02 0.00	61.44 3.42 0.00	60.43 3.44 0.00	54.52 3.13 0.00	54.41 2.99 -0.02	41.56 2.25 0.00	41.70 2.31 0.00	41.74 2.40 0.00	37.15 2.12 0.00	42.67 2.33 0.00	44.09 2.39 -0.05	41.55 2.13 -1.63	38.44 1.81 -1.30	42.19 1.81 0.00

WEST BABYLON___IC 23714	48.98 2.77 0.00	47.08 2.45 0.00	39.73 2.06 0.00	38.97 2.01 0.00	41.25 2.21 0.00	39.38 1.98 0.00	38.61 2.24 0.00	35.60 2.38 0.00	49.35 3.24 0.00	56.43 3.85 0.00	60.68 4.32 0.00	62.82 4.80 0.00	76.66 4.92 -14.75	74.00 4.55 -18.06	73.79 4.65 -17.74	63.04 3.47 -20.26	54.39 3.50 -11.50	57.95 3.56 -15.05	58.73 3.14 -20.56	43.92 3.59 0.00	45.24 3.54 -0.06	45.27 3.36 -4.13	39.73 2.91 -1.48	43.40 3.02 0.00
WEST CANADA___HYD 24049	46.36 0.16 0.00	44.80 0.18 0.00	37.82 0.15 0.00	37.11 0.15 0.00	39.20 0.16 0.00	37.54 0.14 0.00	36.52 0.15 0.00	33.34 0.13 0.00	46.30 0.18 0.00	52.79 0.22 0.00	56.59 0.23 0.00	58.25 0.23 0.00	57.22 0.23 0.00	51.61 0.21 0.00	51.63 0.24 0.00	39.47 0.16 0.00	39.55 0.16 0.00	39.46 0.12 0.00	35.14 0.10 0.00	40.49 0.15 0.00	41.80 0.16 0.00	37.94 0.15 0.00	35.48 0.14 0.00	40.54 0.16 0.00
WESTERN_NY_WIND 24143	45.33 -0.88 0.00	43.58 -1.04 0.00	36.63 -1.04 0.00	36.03 -0.93 0.00	38.00 -1.04 0.00	36.76 -0.64 0.00	35.73 -0.64 0.00	32.17 -1.04 0.00	45.01 -1.10 0.00	51.02 -1.55 0.00	54.51 -1.85 0.00	55.21 -2.81 0.00	53.99 -3.00 0.00	48.54 -2.85 0.00	48.42 -2.69 0.29	37.55 -1.77 0.00	37.75 -1.64 0.00	37.48 -1.86 0.00	33.29 -1.74 0.00	38.17 -2.17 0.00	39.40 -2.25 -0.01	35.92 -2.10 -0.24	33.94 -1.59 -0.19	39.33 -1.05 0.00
WESTOVER___LESR 323668	46.35 0.15 0.00	44.76 0.13 0.00	37.67 0.00 0.00	36.91 -0.05 0.00	38.98 -0.07 0.00	37.37 -0.03 0.00	36.48 0.11 0.00	33.24 0.03 0.00	46.37 0.25 0.00	52.86 0.28 0.00	56.78 0.42 0.00	58.41 0.40 0.00	57.21 0.21 0.00	51.41 0.02 0.00	51.47 0.07 -0.01	39.34 0.03 0.00	39.50 0.11 0.00	39.43 0.09 0.00	35.14 0.11 0.00	40.36 0.02 0.00	41.69 0.03 -0.02	38.35 -0.01 -0.57	35.78 -0.01 -0.45	40.37 -0.01 0.00
WETHRSFD_WT_PWR 323626	44.46 -1.50 0.25	43.15 -1.48 0.00	36.23 -1.44 0.00	35.49 -1.46 0.00	37.49 -1.54 0.01	35.82 -1.09 0.48	35.45 -0.92 0.00	31.90 -1.22 0.10	44.80 -1.32 0.00	50.75 -1.82 0.00	54.10 -2.16 0.10	54.95 -3.06 0.00	53.35 -3.64 0.00	47.63 -3.76 0.00	47.22 -3.63 0.55	36.84 -2.47 0.00	37.04 -2.35 0.00	36.88 -2.46 0.00	32.74 -2.29 0.00	37.50 -2.84 0.00	38.77 -2.88 -0.01	35.46 -2.64 -0.31	33.40 -2.05 -0.11	38.55 -1.75 0.08
WHAVSTOR_138KV_BK127 55557	47.69 1.48 0.00	46.00 1.37 0.00	38.85 1.18 0.00	38.14 1.18 0.00	40.25 1.21 0.00	38.51 1.11 0.00	37.61 1.23 0.00	34.53 1.32 0.00	47.99 1.88 0.00	54.73 2.15 0.00	58.75 2.39 0.00	60.85 2.83 0.00	59.90 2.91 0.00	54.13 2.74 0.00	54.03 2.61 -0.03	41.28 1.97 0.00	41.49 2.10 0.00	41.62 2.28 0.00	37.05 2.02 0.00	42.60 2.26 0.00	44.00 2.30 -0.06	41.68 2.09 -1.80	38.53 1.75 -1.44	42.10 1.72 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	47.69 1.48 0.00	46.00 1.37 0.00	38.85 1.18 0.00	38.14 1.18 0.00	40.25 1.21 0.00	38.51 1.11 0.00	37.61 1.23 0.00	34.53 1.32 0.00	47.99 1.88 0.00	54.73 2.15 0.00	58.75 2.39 0.00	60.85 2.83 0.00	59.90 2.91 0.00	54.13 2.74 0.00	54.03 2.61 -0.03	41.28 1.97 0.00	41.49 2.10 0.00	41.62 2.28 0.00	37.05 2.02 0.00	42.60 2.26 0.00	44.00 2.30 -0.06	41.68 2.09 -1.80	38.53 1.75 -1.44	42.10 1.72 0.00
WHITEHAL_115KV_TB1 80871	49.50 3.29 0.00	47.85 3.22 0.00	40.67 3.00 0.00	39.95 3.00 0.00	42.36 3.32 0.00	40.69 3.29 0.00	40.11 3.73 0.00	36.46 3.25 0.00	50.83 4.71 0.00	57.94 5.37 0.00	62.06 5.69 0.00	64.13 6.12 0.00	63.00 6.01 0.00	56.70 5.31 0.00	57.02 5.59 -0.03	43.38 4.06 0.00	43.07 3.68 0.00	43.08 3.73 0.00	38.62 3.59 0.00	44.64 4.30 0.00	46.36 4.64 -0.07	44.01 3.95 -2.27	40.41 3.27 -1.81	43.67 3.29 0.00
WHITEPLN_13_KV_LOAD 356215	48.35 2.14 0.00	46.61 1.98 0.00	39.33 1.67 0.00	38.60 1.65 0.00	40.75 1.70 0.00	38.98 1.58 0.00	38.09 1.72 0.00	35.01 1.79 0.00	48.68 2.56 0.00	55.55 2.97 0.00	59.71 3.34 0.00	61.80 3.78 0.00	60.86 3.87 0.00	54.96 3.57 0.00	54.89 3.47 -0.03	41.96 2.64 0.00	42.13 2.74 0.00	42.21 2.87 0.00	37.54 2.51 0.00	43.19 2.85 0.00	44.61 2.91 -0.06	42.29 2.65 -1.85	39.10 2.29 -1.47	42.70 2.32 0.00
WM_FLOYD_69_KV_BK2 356380	48.91 2.70 0.00	46.98 2.35 0.00	39.65 1.98 0.00	38.89 1.93 0.00	41.31 2.27 0.00	39.39 2.00 0.00	38.53 2.15 0.00	35.48 2.27 0.00	49.21 3.09 0.00	56.21 3.63 0.00	60.28 3.91 0.00	62.39 4.37 0.00	64.36 4.52 -2.86	71.73 4.21 -16.12	71.89 4.58 -15.91	60.82 3.27 -18.24	52.99 3.26 -10.34	56.20 3.30 -13.56	56.67 3.05 -18.59	43.80 3.46 0.00	45.11 3.41 -0.06	45.01 3.31 -3.92	39.63 2.82 -1.48	43.27 2.89 0.00
WOODARD__115KV_TB2 355635	45.52 -0.69 0.00	43.95 -0.68 0.00	37.06 -0.61 0.00	36.35 -0.61 0.00	38.41 -0.63 0.00	36.83 -0.57 0.00	35.76 -0.62 0.00	32.58 -0.64 0.00	45.27 -0.85 0.00	51.61 -0.97 0.00	55.35 -1.01 0.00	56.91 -1.11 0.00	55.85 -1.14 0.00	50.29 -1.11 0.00	50.30 -1.10 0.00	38.51 -0.80 0.00	38.59 -0.80 0.00	38.51 -0.83 0.00	34.29 -0.74 0.00	39.44 -0.89 0.00	40.71 -0.93 0.00	37.08 -0.87 -0.16	34.69 -0.78 -0.12	39.62 -0.76 0.00
YORK___WARBASSE 23770	48.12 1.91 0.00	46.41 1.78 0.00	39.18 1.52 0.00	38.48 1.53 0.00	40.58 1.53 0.00	38.76 1.36 0.00	37.85 1.48 0.00	34.79 1.58 0.00	48.33 2.21 0.00	55.10 2.53 0.00	59.21 2.85 0.00	61.35 3.34 0.00	60.43 3.44 0.00	54.68 3.29 0.00	54.62 3.20 -0.03	41.76 2.45 0.00	41.96 2.57 0.00	42.05 2.71 0.00	37.39 2.36 0.00	43.02 2.69 0.00	44.46 2.76 -0.06	42.19 2.55 -1.85	39.00 2.19 -1.48	42.54 2.16 0.00