

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

05/09/2026

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	61.38	41.82	38.03	41.85	44.54	49.89	52.90	70.70	58.95	61.48	36.29	50.08	246.68	56.11	50.33	39.61	49.67	69.92	52.19	50.49	43.70	57.62	46.15	42.55
24138	3.57	2.19	1.95	1.98	2.06	2.60	2.98	3.60	3.06	3.55	1.78	3.19	16.15	3.35	3.43	2.61	3.30	4.66	3.27	2.83	2.40	3.33	2.86	2.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.12	-0.09	-4.85	-4.29	0.00	0.00	-1.18	-0.27	0.00	-0.10	-0.23	-0.46	0.00
74TH STREET_GT_1	61.29	41.75	37.97	41.79	44.47	49.82	52.81	70.61	58.92	61.44	36.21	50.01	246.23	56.06	50.27	39.54	49.58	69.84	52.14	50.41	43.65	57.54	46.10	42.49
24260	3.47	2.12	1.89	1.91	1.99	2.53	2.89	3.51	3.03	3.51	1.69	3.12	15.71	3.30	3.37	2.54	3.21	4.58	3.22	2.75	2.34	3.25	2.80	2.55
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.12	-0.09	-4.85	-4.29	0.00	0.00	-1.18	-0.27	0.00	-0.10	-0.23	-0.46	0.00
74TH STREET_GT_2	61.29	41.75	37.97	41.79	44.47	49.82	52.81	70.61	58.92	61.44	36.21	50.01	246.23	56.06	50.27	39.54	49.58	69.84	52.14	50.41	43.65	57.54	46.10	42.49
24261	3.47	2.12	1.89	1.91	1.99	2.53	2.89	3.51	3.03	3.51	1.69	3.12	15.71	3.30	3.37	2.54	3.21	4.58	3.22	2.75	2.34	3.25	2.80	2.55
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.12	-0.09	-4.85	-4.29	0.00	0.00	-1.18	-0.27	0.00	-0.10	-0.23	-0.46	0.00
ADK HUDSON___FALLS	60.98	41.57	37.98	42.09	44.84	49.96	52.68	70.26	58.75	61.03	36.38	49.10	243.09	50.52	45.07	39.22	49.23	67.59	51.12	50.34	43.18	57.20	45.11	41.80
24011	3.16	1.94	1.89	2.21	2.37	2.67	2.77	3.16	2.86	3.09	1.87	2.33	12.66	2.61	2.46	2.22	2.86	3.51	2.47	2.68	1.97	3.14	2.27	1.86
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	61.18	41.62	38.07	42.28	45.04	50.21	52.88	70.39	58.89	61.18	36.50	49.21	244.29	50.77	45.28	39.42	49.48	67.81	51.30	50.62	43.27	57.41	45.22	41.90
23798	3.36	1.99	1.99	2.40	2.57	2.92	2.96	3.30	3.00	3.25	1.99	2.43	13.85	2.86	2.67	2.42	3.11	3.72	2.66	2.96	2.07	3.35	2.39	1.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	60.98	41.57	37.98	42.09	44.84	49.96	52.68	70.26	58.75	61.03	36.38	49.10	243.09	50.52	45.07	39.22	49.23	67.59	51.12	50.34	43.18	57.20	45.11	41.80
24028	3.16	1.94	1.89	2.21	2.37	2.67	2.77	3.16	2.86	3.09	1.87	2.33	12.66	2.61	2.46	2.22	2.86	3.51	2.47	2.68	1.97	3.14	2.27	1.86
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	60.60	41.45	37.78	41.74	44.44	49.44	52.20	69.88	58.19	60.45	36.02	48.55	239.26	49.82	44.33	38.62	48.50	66.70	50.42	49.50	42.50	56.66	44.79	41.32
23527	2.78	1.81	1.69	1.87	1.97	2.15	2.28	2.78	2.30	2.52	1.51	1.78	8.83	1.92	1.72	1.62	2.12	2.62	1.77	1.84	1.30	2.60	1.96	1.38
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	58.58	40.25	36.66	40.42	43.01	47.87	50.61	67.93	56.65	58.81	35.06	47.39	233.37	48.73	43.46	37.70	47.23	65.84	49.44	48.15	41.62	55.20	43.93	40.45
24190	0.77	0.61	0.58	0.54	0.54	0.58	0.70	0.83	0.76	0.87	0.55	0.62	2.94	0.83	0.85	0.70	0.86	0.89	0.59	0.49	0.35	0.97	0.75	0.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.87	-0.20	0.00	-0.07	-0.17	-0.34	0.00
AKWESSNE_115KV_BK	57.06	39.36	35.94	39.84	42.49	47.27	49.79	66.82	55.57	57.38	34.32	46.53	229.16	47.64	42.31	36.90	46.24	63.84	48.70	47.81	41.47	53.75	42.67	39.62
355683	-0.75	-0.27	-0.14	-0.04	0.01	-0.01	-0.13	-0.28	-0.33	-0.55	-0.19	-0.24	-1.28	-0.27	-0.31	-0.10	-0.13	-0.25	0.05	0.16	0.27	-0.31	-0.16	-0.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	59.78	41.04	37.36	41.20	43.88	48.86	51.64	69.28	57.75	59.95	35.66	48.31	237.22	53.07	47.38	38.28	48.01	67.04	50.22	49.04	42.47	56.24	44.73	41.26
323833	1.97	1.40	1.28	1.33	1.41	1.58	1.72	2.18	1.86	2.01	1.15	1.44	6.72	1.49	1.53	1.28	1.63	2.07	1.36	1.39	1.19	2.01	1.55	1.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-0.07	-3.67	-3.24	0.00	0.00	-0.89	-0.21	0.00	-0.08	-0.17	-0.35	0.00
ALBANY_2_SOLAR	59.76	41.01	37.36	41.18	43.87	48.86	51.62	69.26	57.75	59.94	35.66	48.30	237.20	53.05	47.38	38.27	47.99	67.02	50.20	49.03	42.46	56.24	44.73	41.25
323834	1.95	1.38	1.28	1.31	1.40	1.58	1.70	2.16	1.86	2.01	1.15	1.44	6.69	1.48	1.53	1.27	1.61	2.05	1.35	1.37	1.18	2.00	1.55	1.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-0.07	-3.67	-3.24	0.00	0.00	-0.89	-0.21	0.00	-0.08	-0.17	-0.35	0.00
ALBANY___1	58.58	40.25	36.66	40.42	43.01	47.87	50.61	67.93	56.65	58.81	35.06	47.39	233.37	48.73	43.46	37.70	47.23	65.84	49.44	48.15	41.62	55.20	43.93	40.45
23571	0.77	0.61	0.58	0.54	0.54	0.58	0.70	0.83	0.76	0.87	0.55	0.62	2.94	0.83	0.85	0.70	0.86	0.89	0.59	0.49	0.35	0.97	0.75	0.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.87	-0.20	0.00	-0.07	-0.17	-0.34	0.00

ALBANY___2 23572	58.58 0.77 0.00	40.25 0.61 0.00	36.66 0.58 0.00	40.42 0.54 0.00	43.01 0.54 0.00	47.87 0.58 0.00	50.61 0.70 0.00	67.93 0.83 0.00	56.65 0.76 0.00	58.81 0.87 0.00	35.06 0.55 0.00	47.39 0.62 0.00	233.37 2.94 0.00	48.73 0.83 0.00	43.46 0.85 0.00	37.70 0.70 0.00	47.23 0.86 0.00	65.84 0.89 -0.87	49.44 0.59 -0.20	48.15 0.49 0.00	41.62 0.35 -0.07	55.20 0.97 -0.17	43.93 0.75 -0.34	40.45 0.51 0.00
ALBANY___3 23573	58.58 0.77 0.00	40.25 0.61 0.00	36.66 0.58 0.00	40.42 0.54 0.00	43.01 0.54 0.00	47.87 0.58 0.00	50.61 0.70 0.00	67.93 0.83 0.00	56.65 0.76 0.00	58.81 0.87 0.00	35.06 0.55 0.00	47.39 0.62 0.00	233.37 2.94 0.00	48.73 0.83 0.00	43.46 0.85 0.00	37.70 0.70 0.00	47.23 0.86 0.00	65.84 0.89 -0.87	49.44 0.59 -0.20	48.15 0.49 0.00	41.62 0.35 -0.07	55.20 0.97 -0.17	43.93 0.75 -0.34	40.45 0.51 0.00
ALBANY___4 23574	58.58 0.77 0.00	40.25 0.61 0.00	36.66 0.58 0.00	40.42 0.54 0.00	43.01 0.54 0.00	47.87 0.58 0.00	50.61 0.70 0.00	67.93 0.83 0.00	56.65 0.76 0.00	58.81 0.87 0.00	35.06 0.55 0.00	47.39 0.62 0.00	233.37 2.94 0.00	48.73 0.83 0.00	43.46 0.85 0.00	37.70 0.70 0.00	47.23 0.86 0.00	65.84 0.89 -0.87	49.44 0.59 -0.20	48.15 0.49 0.00	41.62 0.35 -0.07	55.20 0.97 -0.17	43.93 0.75 -0.34	40.45 0.51 0.00
ALBANY___LFGE 323615	59.14 1.33 0.00	40.62 0.98 0.00	36.97 0.89 0.00	40.78 0.90 0.00	43.40 0.92 0.00	48.32 1.04 0.00	51.08 1.16 0.00	68.58 1.48 0.00	57.18 1.29 0.00	59.37 1.43 0.00	35.40 0.88 0.00	47.85 1.08 0.00	235.66 5.22 0.00	49.18 1.28 0.00	43.84 1.23 0.00	38.06 1.06 0.00	47.70 1.33 0.00	66.51 1.56 -0.87	49.91 1.06 -0.20	48.63 0.97 0.00	42.03 0.75 -0.07	55.72 1.49 -0.17	44.32 1.15 -0.34	40.81 0.86 0.00
ALCOA_PA_115KV_PL-6C 55860	57.19 -0.63 0.00	39.42 -0.22 0.00	35.95 -0.13 0.00	39.81 -0.06 0.00	42.45 -0.02 0.00	47.23 -0.05 0.00	49.85 -0.07 0.00	67.01 -0.09 0.00	55.69 -0.20 0.00	57.50 -0.44 0.00	34.36 -0.15 0.00	46.52 -0.26 0.00	228.97 -1.46 0.00	47.68 -0.22 0.00	42.28 -0.33 0.00	36.90 -0.11 0.00	46.20 -0.17 0.00	63.87 -0.21 0.00	48.82 0.17 0.00	47.88 0.22 0.00	41.47 0.27 0.00	53.83 -0.24 0.00	42.66 -0.17 0.00	39.56 -0.38 0.00
ALCOA_RYNLDS___DRP 24188	57.19 -0.63 0.00	39.41 -0.22 0.00	35.95 -0.13 0.00	39.81 -0.06 0.00	42.45 -0.02 0.00	47.24 -0.05 0.00	49.86 -0.06 0.00	67.01 -0.09 0.00	55.67 -0.22 0.00	57.49 -0.45 0.00	34.35 -0.16 0.00	46.51 -0.26 0.00	228.96 -1.47 0.00	47.68 -0.23 0.00	42.27 -0.34 0.00	36.89 -0.11 0.00	46.18 -0.20 0.00	63.85 -0.23 0.00	48.82 0.17 0.00	47.88 0.22 0.00	41.47 0.26 0.00	53.82 -0.24 0.00	42.65 -0.18 0.00	39.56 -0.38 0.00
ALCOA___DSASP 323711	57.19 -0.63 0.00	39.41 -0.22 0.00	35.95 -0.13 0.00	39.81 -0.06 0.00	42.45 -0.02 0.00	47.24 -0.05 0.00	49.86 -0.06 0.00	67.01 -0.09 0.00	55.67 -0.22 0.00	57.49 -0.45 0.00	34.35 -0.16 0.00	46.51 -0.26 0.00	228.96 -1.47 0.00	47.68 -0.23 0.00	42.27 -0.34 0.00	36.89 -0.11 0.00	46.18 -0.20 0.00	63.85 -0.23 0.00	48.82 0.17 0.00	47.88 0.22 0.00	41.47 0.26 0.00	53.82 -0.24 0.00	42.65 -0.18 0.00	39.56 -0.38 0.00
ALLEGHENY___COGEN 23514	52.87 -0.06 4.89	11.37 -0.29 27.97	35.86 -0.22 0.00	39.74 -0.14 0.00	42.38 -0.09 0.00	47.29 0.00 0.00	46.28 -0.83 2.80	36.99 -1.76 28.35	35.59 -1.64 18.67	40.72 -2.32 14.90	24.92 -1.33 8.26	41.43 -2.01 3.33	120.55 -11.65 98.23	20.54 -2.65 24.72	18.49 -2.28 21.84	30.99 -2.04 3.97	15.89 -2.72 27.76	11.98 -3.36 48.75	45.48 -1.87 1.30	51.53 -1.55 -5.42	59.76 -0.47 -19.03	101.32 0.87 -46.39	43.77 -0.64 -1.58	39.81 -0.13 0.00
ALTAMONT_115KV_TB 2 55880	59.23 1.41 0.00	40.60 0.96 0.00	36.96 0.88 0.00	40.78 0.91 0.00	43.41 0.94 0.00	48.35 1.07 0.00	51.10 1.19 0.00	68.56 1.46 0.00	57.14 1.25 0.00	59.35 1.42 0.00	35.33 0.81 0.00	47.86 1.09 0.00	235.83 5.40 0.00	49.09 1.18 0.00	43.79 1.18 0.00	38.00 1.00 0.00	47.64 1.26 0.00	65.68 1.60 0.00	49.70 1.05 0.00	48.66 1.00 0.00	42.00 0.79 0.00	55.51 1.45 0.00	43.97 1.13 0.00	40.85 0.91 0.00
ALTONA_WT_PWR 323606	57.53 -0.29 0.00	39.53 -0.11 0.00	36.05 -0.03 0.00	39.93 0.06 0.00	42.60 0.12 0.00	47.42 0.14 0.00	50.04 0.12 0.00	67.45 0.34 0.00	56.07 0.18 0.00	57.88 -0.05 0.00	34.55 0.03 0.00	46.79 0.02 0.00	230.32 -0.11 0.00	47.84 -0.07 0.00	42.23 -0.38 0.00	36.87 -0.13 0.00	46.23 -0.14 0.00	63.90 -0.18 0.00	48.73 0.08 0.00	47.84 0.18 0.00	41.51 0.31 0.00	53.90 -0.16 0.00	42.50 -0.33 0.00	39.34 -0.60 0.00
AMERICAN_REF_FUEL 24010	48.48 -5.44 3.90	13.84 -3.48 22.30	32.81 -3.28 0.00	36.38 -3.49 0.00	38.81 -3.66 0.00	43.38 -3.91 0.00	43.06 -4.60 2.25	38.23 -6.14 22.72	35.91 -5.21 14.77	40.50 -6.05 11.39	24.82 -3.26 6.44	39.31 -4.90 2.57	133.28 -26.29 70.85	23.56 -4.84 19.50	21.20 -4.18 17.24	30.22 -3.61 3.17	19.76 -4.38 22.23	20.01 -5.62 38.46	42.75 -4.87 1.02	41.41 -5.01 1.24	28.79 -3.63 8.78	39.43 -2.97 11.67	36.38 -3.89 2.56	37.19 -2.75 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	50.07 -2.97 4.77	9.98 -2.33 27.32	34.11 -1.97 0.00	37.91 -1.96 0.00	40.47 -2.01 0.00	45.00 -2.28 0.00	44.55 -2.62 2.75	35.17 -4.20 27.74	34.38 -3.58 17.92	39.93 -4.13 13.87	24.41 -2.30 7.80	40.60 -3.08 3.09	126.97 -16.85 86.62	21.36 -3.70 22.84	18.86 -3.57 20.19	30.01 -3.14 3.86	14.92 -4.32 27.13	11.69 -5.45 46.94	43.63 -3.80 1.21	42.00 -4.43 1.22	28.22 -3.50 9.48	40.15 -2.23 11.69	36.44 -3.52 2.88	37.72 -2.22 0.00
ARTHUR KILL_GT_1 23520	61.42 3.60 0.00	41.88 2.25 0.00	38.00 1.92 0.00	41.82 1.94 0.00	44.50 2.03 0.00	49.91 2.62 0.00	52.92 3.00 0.00	70.68 3.58 0.00	58.72 2.83 0.00	61.01 3.07 0.00	36.01 1.49 0.00	49.63 2.74 -0.12	244.76 14.23 -0.09	55.67 2.91 -4.85	50.02 3.12 -4.29	39.31 2.31 0.00	49.32 2.95 0.00	69.42 4.15 -1.18	51.87 2.95 -0.27	50.11 2.44 0.00	43.45 2.14 -0.10	57.30 3.01 -0.23	45.93 2.63 -0.46	42.35 2.41 0.00
ARTHUR_KILL_2 23512	61.30 3.48 0.00	41.79 2.16 0.00	37.93 1.85 0.00	41.74 1.86 0.00	44.42 1.95 0.00	49.83 2.54 0.00	52.80 2.88 0.00	70.57 3.47 0.00	58.63 2.74 0.00	60.90 2.97 0.00	35.94 1.43 0.00	49.53 2.64 -0.12	244.30 13.77 -0.09	55.61 2.84 -4.85	49.93 3.03 -4.29	39.23 2.23 0.00	49.25 2.88 0.00	69.38 4.12 -1.18	51.74 2.82 -0.27	49.98 2.32 0.00	43.32 2.02 -0.10	57.16 2.87 -0.23	45.82 2.53 -0.46	42.24 2.30 0.00
ARTHUR_KILL_3 23513	60.71 2.89 0.00	41.37 1.73 0.00	37.58 1.50 0.00	41.36 1.48 0.00	44.02 1.55 0.00	49.34 2.05 0.00	52.29 2.37 0.00	69.86 2.76 0.00	58.26 2.37 0.00	60.82 2.89 0.00	35.89 1.37 0.00	49.50 2.61 -0.12	244.22 13.69 -0.09	55.62 2.86 -4.85	49.85 2.95 -4.29	39.17 2.16 0.00	49.16 2.79 0.00	69.27 4.01 -1.18	51.64 2.72 -0.27	49.93 2.27 0.00	43.23 1.93 -0.10	56.94 2.65 -0.23	45.68 2.38 -0.46	42.14 2.20 0.00

ARTHUR_KILL_COGEN 323718	61.43 3.61 0.00	41.89 2.25 0.00	38.00 1.92 0.00	41.82 1.94 0.00	44.50 2.02 0.00	49.92 2.63 0.00	52.92 3.00 0.00	70.73 3.63 0.00	58.75 2.86 0.00	61.01 3.07 0.00	36.01 1.50 0.00	49.63 2.74 -0.12	244.76 14.24 -0.09	55.71 2.95 -4.85	50.03 3.13 -4.29	39.31 2.31 0.00	49.37 2.99 0.00	69.53 4.27 -1.18	51.87 2.95 -0.27	50.10 2.44 0.00	43.44 2.14 -0.10	57.29 3.00 -0.23	45.93 2.63 -0.46	42.35 2.41 0.00
ASHOKAN____ 23654	60.90 3.09 0.00	41.59 1.95 0.00	37.83 1.75 0.00	41.68 1.81 0.00	44.38 1.90 0.00	49.58 2.29 0.00	52.50 2.58 0.00	70.47 3.37 0.00	58.92 3.03 0.00	61.39 3.46 0.00	36.46 1.95 0.00	49.67 2.79 -0.10	243.62 13.11 -0.08	55.01 2.89 -4.22	49.34 3.00 -3.73	39.42 2.42 0.00	49.44 3.07 0.00	69.36 4.26 -1.02	51.79 2.91 -0.24	50.39 2.73 0.00	43.67 2.38 -0.09	57.67 3.41 -0.20	45.90 2.67 -0.40	42.17 2.23 0.00
ASTORIA_EAST_ENERGY_CC1 323581	60.56 2.75 0.00	41.29 1.66 0.00	37.53 1.46 0.00	41.34 1.47 0.01	44.01 1.55 0.01	49.33 2.05 0.01	52.27 2.36 0.01	69.90 2.81 0.01	58.23 2.34 0.00	60.77 2.84 0.00	35.83 1.31 0.00	49.36 2.47 -0.12	243.33 12.81 -0.09	55.55 2.79 -4.85	49.75 2.86 -4.29	39.10 2.10 0.00	49.00 2.63 0.00	69.29 4.03 -1.18	51.49 2.57 -0.27	49.69 2.03 0.00	43.05 1.75 -0.10	56.81 2.52 -0.23	45.47 2.18 -0.46	41.99 2.05 0.00
ASTORIA_EAST_ENERGY_CC2 323582	60.56 2.75 0.00	41.29 1.66 0.00	37.53 1.46 0.00	41.34 1.47 0.01	44.01 1.54 0.01	49.33 2.05 0.01	52.27 2.36 0.01	69.90 2.81 0.01	58.23 2.34 0.00	60.77 2.84 0.00	35.83 1.31 0.00	49.36 2.47 -0.12	243.33 12.81 -0.09	55.54 2.78 -4.85	49.75 2.86 -4.29	39.10 2.10 0.00	49.00 2.63 0.00	69.29 4.03 -1.18	51.49 2.57 -0.27	49.69 2.03 0.00	43.05 1.75 -0.10	56.81 2.52 -0.23	45.47 2.18 -0.46	41.99 2.05 0.00
ASTORIA_GT2_1 24094	60.59 2.77 0.00	41.31 1.68 0.00	37.55 1.47 0.00	41.36 1.49 0.01	44.03 1.57 0.01	49.34 2.05 0.01	52.30 2.39 0.01	69.90 2.81 0.01	58.23 2.34 0.00	60.81 2.87 0.00	35.83 1.32 0.00	49.40 2.51 -0.12	243.37 12.84 -0.09	55.52 2.76 -4.85	49.77 2.86 -4.29	39.12 2.12 0.00	48.97 2.60 0.00	69.19 3.93 -1.18	51.51 2.59 -0.27	49.72 2.06 0.00	43.09 1.78 -0.10	56.85 2.55 -0.23	45.50 2.21 -0.46	42.01 2.07 0.00
ASTORIA_GT2_2 24095	60.59 2.77 0.00	41.31 1.68 0.00	37.55 1.47 0.00	41.36 1.49 0.01	44.03 1.57 0.01	49.34 2.05 0.01	52.30 2.39 0.01	69.90 2.81 0.01	58.23 2.34 0.00	60.81 2.87 0.00	35.83 1.32 0.00	49.40 2.51 -0.12	243.37 12.84 -0.09	55.52 2.76 -4.85	49.77 2.86 -4.29	39.12 2.12 0.00	48.97 2.60 0.00	69.19 3.93 -1.18	51.51 2.59 -0.27	49.72 2.06 0.00	43.09 1.78 -0.10	56.85 2.55 -0.23	45.50 2.21 -0.46	42.01 2.07 0.00
ASTORIA_GT2_3 24096	60.59 2.77 0.00	41.31 1.68 0.00	37.55 1.47 0.00	41.36 1.49 0.01	44.03 1.57 0.01	49.34 2.05 0.01	52.30 2.39 0.01	69.90 2.81 0.01	58.23 2.34 0.00	60.81 2.87 0.00	35.83 1.32 0.00	49.40 2.51 -0.12	243.37 12.84 -0.09	55.52 2.76 -4.85	49.77 2.86 -4.29	39.12 2.12 0.00	48.97 2.60 0.00	69.19 3.93 -1.18	51.51 2.59 -0.27	49.72 2.06 0.00	43.09 1.78 -0.10	56.85 2.55 -0.23	45.50 2.21 -0.46	42.01 2.07 0.00
ASTORIA_GT2_4 24097	60.59 2.77 0.00	41.31 1.68 0.00	37.55 1.47 0.00	41.36 1.49 0.01	44.03 1.57 0.01	49.34 2.05 0.01	52.30 2.39 0.01	69.90 2.81 0.01	58.23 2.34 0.00	60.81 2.87 0.00	35.83 1.32 0.00	49.40 2.51 -0.12	243.37 12.84 -0.09	55.52 2.76 -4.85	49.77 2.86 -4.29	39.12 2.12 0.00	48.97 2.60 0.00	69.19 3.93 -1.18	51.51 2.59 -0.27	49.72 2.06 0.00	43.09 1.78 -0.10	56.85 2.55 -0.23	45.50 2.21 -0.46	42.01 2.07 0.00
ASTORIA_GT3_1 24098	60.59 2.77 0.00	41.31 1.68 0.00	37.55 1.47 0.00	41.36 1.49 0.01	44.03 1.57 0.01	49.34 2.05 0.01	52.30 2.39 0.01	69.90 2.81 0.01	58.23 2.34 0.00	60.81 2.87 0.00	35.83 1.32 0.00	49.40 2.51 -0.12	243.37 12.84 -0.09	55.52 2.76 -4.85	49.77 2.86 -4.29	39.12 2.12 0.00	48.97 2.60 0.00	69.19 3.93 -1.18	51.51 2.59 -0.27	49.72 2.06 0.00	43.09 1.78 -0.10	56.85 2.55 -0.23	45.50 2.21 -0.46	42.01 2.07 0.00
ASTORIA_GT3_2 24099	60.59 2.77 0.00	41.31 1.68 0.00	37.55 1.47 0.00	41.36 1.49 0.01	44.03 1.57 0.01	49.34 2.05 0.01	52.30 2.39 0.01	69.90 2.81 0.01	58.23 2.34 0.00	60.81 2.87 0.00	35.83 1.32 0.00	49.40 2.51 -0.12	243.37 12.84 -0.09	55.52 2.76 -4.85	49.77 2.86 -4.29	39.12 2.12 0.00	48.97 2.60 0.00	69.19 3.93 -1.18	51.51 2.59 -0.27	49.72 2.06 0.00	43.09 1.78 -0.10	56.85 2.55 -0.23	45.50 2.21 -0.46	42.01 2.07 0.00
ASTORIA_GT3_3 24100	60.59 2.77 0.00	41.31 1.68 0.00	37.55 1.47 0.00	41.36 1.49 0.01	44.03 1.57 0.01	49.34 2.05 0.01	52.30 2.39 0.01	69.90 2.81 0.01	58.23 2.34 0.00	60.81 2.87 0.00	35.83 1.32 0.00	49.40 2.51 -0.12	243.37 12.84 -0.09	55.52 2.76 -4.85	49.77 2.86 -4.29	39.12 2.12 0.00	48.97 2.60 0.00	69.19 3.93 -1.18	51.51 2.59 -0.27	49.72 2.06 0.00	43.09 1.78 -0.10	56.85 2.55 -0.23	45.50 2.21 -0.46	42.01 2.07 0.00
ASTORIA_GT3_4 24101	60.59 2.77 0.00	41.31 1.68 0.00	37.55 1.47 0.00	41.36 1.49 0.01	44.03 1.57 0.01	49.34 2.05 0.01	52.30 2.39 0.01	69.90 2.81 0.01	58.23 2.34 0.00	60.81 2.87 0.00	35.83 1.32 0.00	49.40 2.51 -0.12	243.37 12.84 -0.09	55.52 2.76 -4.85	49.77 2.86 -4.29	39.12 2.12 0.00	48.97 2.60 0.00	69.19 3.93 -1.18	51.51 2.59 -0.27	49.72 2.06 0.00	43.09 1.78 -0.10	56.85 2.55 -0.23	45.50 2.21 -0.46	42.01 2.07 0.00
ASTORIA_GT4_1 24102	60.59 2.77 0.00	41.31 1.68 0.00	37.55 1.47 0.00	41.36 1.49 0.01	44.03 1.57 0.01	49.34 2.05 0.01	52.30 2.39 0.01	69.90 2.81 0.01	58.23 2.34 0.00	60.81 2.87 0.00	35.83 1.32 0.00	49.40 2.51 -0.12	243.37 12.84 -0.09	55.52 2.76 -4.85	49.77 2.86 -4.29	39.12 2.12 0.00	48.97 2.60 0.00	69.19 3.93 -1.18	51.51 2.59 -0.27	49.72 2.06 0.00	43.09 1.78 -0.10	56.85 2.55 -0.23	45.50 2.21 -0.46	42.01 2.07 0.00
ASTORIA_GT4_2 24103	60.59 2.77 0.00	41.31 1.68 0.00	37.55 1.47 0.00	41.36 1.49 0.01	44.03 1.57 0.01	49.34 2.05 0.01	52.30 2.39 0.01	69.90 2.81 0.01	58.23 2.34 0.00	60.81 2.87 0.00	35.83 1.32 0.00	49.40 2.51 -0.12	243.37 12.84 -0.09	55.52 2.76 -4.85	49.77 2.86 -4.29	39.12 2.12 0.00	48.97 2.60 0.00	69.19 3.93 -1.18	51.51 2.59 -0.27	49.72 2.06 0.00	43.09 1.78 -0.10	56.85 2.55 -0.23	45.50 2.21 -0.46	42.01 2.07 0.00
ASTORIA_GT4_3 24104	60.59 2.77 0.00	41.31 1.68 0.00	37.55 1.47 0.00	41.36 1.49 0.01	44.03 1.57 0.01	49.34 2.05 0.01	52.30 2.39 0.01	69.90 2.81 0.01	58.23 2.34 0.00	60.81 2.87 0.00	35.83 1.32 0.00	49.40 2.51 -0.12	243.37 12.84 -0.09	55.52 2.76 -4.85	49.77 2.86 -4.29	39.12 2.12 0.00	48.97 2.60 0.00	69.19 3.93 -1.18	51.51 2.59 -0.27	49.72 2.06 0.00	43.09 1.78 -0.10	56.85 2.55 -0.23	45.50 2.21 -0.46	42.01 2.07 0.00

ASTORIA_GT4_4 24105	60.59 2.77 0.00	41.31 1.68 0.00	37.55 1.47 0.00	41.36 1.49 0.01	44.03 1.57 0.01	49.34 2.05 0.01	52.30 2.39 0.01	69.90 2.81 0.01	58.23 2.34 0.00	60.81 2.87 0.00	35.83 1.32 0.00	49.40 2.51 -0.12	243.37 12.84 -0.09	55.52 2.76 -4.85	49.77 2.86 -4.29	39.12 2.12 0.00	48.97 2.60 0.00	69.19 3.93 -1.18	51.51 2.59 -0.27	49.72 2.06 0.00	43.09 1.78 -0.10	56.85 2.55 -0.23	45.50 2.21 -0.46	42.01 2.07 0.00
ASTORIA_GT_1 23523	60.67 2.85 0.00	41.36 1.73 0.00	37.61 1.53 0.00	41.42 1.55 0.01	44.10 1.64 0.01	49.41 2.13 0.01	52.37 2.46 0.01	70.03 2.94 0.01	58.32 2.43 0.00	60.90 2.96 0.00	35.90 1.38 0.00	49.47 2.58 -0.12	243.82 13.29 -0.09	55.60 2.84 -4.85	49.84 2.94 -4.29	39.19 2.19 0.00	49.05 2.67 0.00	69.31 4.05 -1.18	51.60 2.68 -0.27	49.81 2.15 0.00	43.16 1.86 -0.10	56.94 2.65 -0.23	45.57 2.28 -0.46	42.09 2.15 0.00
ASTORIA_GT_10 24110	60.77 2.95 0.00	41.42 1.79 0.00	37.67 1.59 0.00	41.48 1.60 0.00	44.15 1.68 0.00	49.45 2.17 0.00	52.43 2.51 0.00	70.04 2.94 0.00	58.38 2.49 0.00	60.90 2.96 0.00	35.92 1.40 0.00	49.56 2.67 -0.12	244.18 13.66 -0.09	55.60 2.84 -4.85	49.87 2.97 -4.29	39.20 2.20 0.00	49.13 2.76 0.00	69.22 3.96 -1.18	51.66 2.74 -0.27	49.92 2.26 0.00	43.24 1.93 -0.10	56.97 2.68 -0.23	45.69 2.40 -0.46	42.14 2.20 0.00
ASTORIA_GT_11 24225	60.77 2.95 0.00	41.42 1.79 0.00	37.67 1.59 0.00	41.48 1.60 0.00	44.15 1.68 0.00	49.45 2.17 0.00	52.43 2.51 0.00	70.04 2.94 0.00	58.38 2.49 0.00	60.90 2.96 0.00	35.92 1.40 0.00	49.56 2.67 -0.12	244.18 13.66 -0.09	55.60 2.84 -4.85	49.87 2.97 -4.29	39.20 2.20 0.00	49.13 2.76 0.00	69.22 3.96 -1.18	51.66 2.74 -0.27	49.92 2.26 0.00	43.24 1.93 -0.10	56.97 2.68 -0.23	45.69 2.40 -0.46	42.14 2.20 0.00
ASTORIA_GT_12 24226	60.77 2.95 0.00	41.42 1.79 0.00	37.67 1.59 0.00	41.48 1.60 0.00	44.15 1.68 0.00	49.45 2.17 0.00	52.43 2.51 0.00	70.04 2.94 0.00	58.38 2.49 0.00	60.90 2.96 0.00	35.92 1.40 0.00	49.56 2.67 -0.12	244.18 13.66 -0.09	55.60 2.84 -4.85	49.87 2.97 -4.29	39.20 2.20 0.00	49.13 2.76 0.00	69.22 3.96 -1.18	51.66 2.74 -0.27	49.92 2.26 0.00	43.24 1.93 -0.10	56.97 2.68 -0.23	45.69 2.40 -0.46	42.14 2.20 0.00
ASTORIA_GT_13 24227	60.77 2.95 0.00	41.42 1.79 0.00	37.67 1.59 0.00	41.48 1.60 0.00	44.15 1.68 0.00	49.45 2.17 0.00	52.43 2.51 0.00	70.04 2.94 0.00	58.38 2.49 0.00	60.90 2.96 0.00	35.92 1.40 0.00	49.56 2.67 -0.12	244.18 13.66 -0.09	55.60 2.84 -4.85	49.87 2.97 -4.29	39.20 2.20 0.00	49.13 2.76 0.00	69.22 3.96 -1.18	51.66 2.74 -0.27	49.92 2.26 0.00	43.24 1.93 -0.10	56.97 2.68 -0.23	45.69 2.40 -0.46	42.14 2.20 0.00
ASTORIA_GT_5 24106	60.67 2.85 0.00	41.36 1.73 0.00	37.61 1.53 0.00	41.42 1.55 0.01	44.10 1.64 0.01	49.41 2.13 0.01	52.37 2.46 0.01	70.03 2.94 0.01	58.32 2.43 0.00	60.90 2.96 0.00	35.90 1.38 0.00	49.47 2.58 -0.12	243.82 13.29 -0.09	55.60 2.84 -4.85	49.84 2.94 -4.29	39.19 2.19 0.00	49.05 2.67 0.00	69.31 4.05 -1.18	51.60 2.68 -0.27	49.81 2.15 0.00	43.16 1.86 -0.10	56.94 2.65 -0.23	45.57 2.28 -0.46	42.09 2.15 0.00
ASTORIA_GT_7 24107	60.67 2.85 0.00	41.36 1.73 0.00	37.61 1.53 0.00	41.42 1.55 0.01	44.10 1.64 0.01	49.41 2.13 0.01	52.37 2.46 0.01	70.03 2.94 0.01	58.32 2.43 0.00	60.90 2.96 0.00	35.90 1.38 0.00	49.47 2.58 -0.12	243.82 13.29 -0.09	55.60 2.84 -4.85	49.84 2.94 -4.29	39.19 2.19 0.00	49.05 2.67 0.00	69.31 4.05 -1.18	51.60 2.68 -0.27	49.81 2.15 0.00	43.16 1.86 -0.10	56.94 2.65 -0.23	45.57 2.28 -0.46	42.09 2.15 0.00
ASTORIA_GT_8 24108	60.67 2.85 0.00	41.36 1.73 0.00	37.61 1.53 0.00	41.42 1.55 0.01	44.10 1.64 0.01	49.41 2.13 0.01	52.37 2.46 0.01	70.03 2.94 0.01	58.32 2.43 0.00	60.90 2.96 0.00	35.90 1.38 0.00	49.47 2.58 -0.12	243.82 13.29 -0.09	55.60 2.84 -4.85	49.84 2.94 -4.29	39.19 2.19 0.00	49.05 2.67 0.00	69.31 4.05 -1.18	51.60 2.68 -0.27	49.81 2.15 0.00	43.16 1.86 -0.10	56.94 2.65 -0.23	45.57 2.28 -0.46	42.09 2.15 0.00
ASTORIA___2 24149	60.60 2.78 0.00	41.32 1.68 0.00	37.54 1.46 0.00	41.36 1.49 0.01	44.03 1.56 0.01	49.35 2.07 0.01	52.30 2.39 0.01	69.95 2.86 0.01	58.26 2.37 0.00	60.79 2.86 0.00	35.84 1.33 0.00	49.40 2.51 -0.12	243.37 12.84 -0.09	55.57 2.81 -4.85	49.77 2.87 -4.29	39.12 2.12 0.00	49.03 2.66 0.00	69.33 4.07 -1.18	51.51 2.59 -0.27	49.72 2.06 0.00	43.09 1.78 -0.10	56.83 2.54 -0.23	45.50 2.20 -0.46	42.01 2.07 0.00
ASTORIA___3 23516	60.78 2.96 0.00	41.43 1.80 0.00	37.67 1.59 0.00	41.48 1.60 0.00	44.15 1.67 0.00	49.47 2.18 0.00	52.42 2.50 0.00	70.09 2.99 0.00	58.41 2.52 0.00	60.90 2.96 0.00	35.92 1.41 0.00	49.55 2.66 -0.12	244.19 13.67 -0.09	55.65 2.88 -4.85	49.88 2.98 -4.29	39.20 2.20 0.00	49.17 2.80 0.00	69.35 4.08 -1.18	51.66 2.74 -0.27	49.92 2.26 0.00	43.24 1.93 -0.10	56.96 2.67 -0.23	45.68 2.39 -0.46	42.14 2.20 0.00
ASTORIA___4 23517	60.77 2.95 0.00	41.42 1.79 0.00	37.67 1.59 0.00	41.48 1.60 0.00	44.15 1.68 0.00	49.45 2.17 0.00	52.43 2.51 0.00	70.04 2.94 0.00	58.38 2.49 0.00	60.90 2.96 0.00	35.92 1.40 0.00	49.56 2.67 -0.12	244.18 13.66 -0.09	55.60 2.84 -4.85	49.87 2.97 -4.29	39.20 2.20 0.00	49.13 2.76 0.00	69.22 3.96 -1.18	51.66 2.74 -0.27	49.92 2.26 0.00	43.24 1.93 -0.10	56.97 2.68 -0.23	45.69 2.40 -0.46	42.14 2.20 0.00
ASTORIA___5 23518	60.78 2.96 0.00	41.43 1.80 0.00	37.67 1.59 0.00	41.48 1.60 0.00	44.15 1.67 0.00	49.47 2.18 0.00	52.42 2.50 0.00	70.09 2.99 0.00	58.41 2.52 0.00	60.90 2.96 0.00	35.92 1.41 0.00	49.55 2.66 -0.12	244.19 13.67 -0.09	55.65 2.88 -4.85	49.88 2.98 -4.29	39.20 2.20 0.00	49.17 2.80 0.00	69.35 4.08 -1.18	51.66 2.74 -0.27	49.92 2.26 0.00	43.24 1.93 -0.10	56.96 2.67 -0.23	45.68 2.39 -0.46	42.14 2.20 0.00
AST_ENERGY_2_CC3 323677	60.96 3.15 0.00	41.55 1.92 0.00	37.77 1.69 0.00	41.56 1.69 0.00	44.24 1.77 0.00	49.56 2.27 0.00	52.52 2.60 0.00	70.25 3.15 0.00	58.58 2.69 0.00	61.07 3.13 0.00	35.94 1.42 0.00	49.68 2.79 -0.12	244.76 14.24 -0.09	55.76 3.00 -4.85	49.99 3.09 -4.29	39.26 2.26 0.00	49.27 2.90 0.00	69.46 4.20 -1.18	51.80 2.88 -0.27	50.09 2.43 0.00	43.33 2.03 -0.10	57.12 2.83 -0.23	45.81 2.52 -0.46	42.24 2.30 0.00
AST_ENERGY_2_CC4 323678	60.96 3.15 0.00	41.55 1.92 0.00	37.77 1.69 0.00	41.56 1.69 0.00	44.24 1.77 0.00	49.56 2.27 0.00	52.52 2.60 0.00	70.25 3.15 0.00	58.58 2.69 0.00	61.07 3.13 0.00	35.94 1.42 0.00	49.68 2.79 -0.12	244.76 14.24 -0.09	55.76 3.00 -4.85	49.99 3.09 -4.29	39.26 2.26 0.00	49.27 2.90 0.00	69.46 4.20 -1.18	51.80 2.88 -0.27	50.09 2.43 0.00	43.33 2.03 -0.10	57.12 2.83 -0.23	45.81 2.52 -0.46	42.24 2.30 0.00

ATHENS_STG_1 23668	59.73	40.87	37.17	40.99	43.63	48.67	51.48	68.96	57.48	59.79	35.53	48.44	238.34	53.87	48.11	38.36	48.13	67.55	50.51	49.08	42.44	56.13	44.76	41.27
	1.91	1.23	1.09	1.11	1.16	1.38	1.57	1.87	1.59	1.85	1.02	1.55	7.82	1.67	1.71	1.36	1.76	2.43	1.62	1.42	1.15	1.86	1.52	1.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	-0.08	-4.29	-3.79	0.00	0.00	-1.04	-0.24	0.00	-0.09	-0.20	-0.41	0.00
ATHENS_STG_2 23670	59.73	40.87	37.17	40.99	43.63	48.67	51.48	68.96	57.48	59.79	35.53	48.44	238.34	53.87	48.11	38.36	48.13	67.55	50.51	49.08	42.44	56.13	44.76	41.27
	1.91	1.23	1.09	1.11	1.16	1.38	1.57	1.87	1.59	1.85	1.02	1.55	7.82	1.67	1.71	1.36	1.76	2.43	1.62	1.42	1.15	1.86	1.52	1.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	-0.08	-4.29	-3.79	0.00	0.00	-1.04	-0.24	0.00	-0.09	-0.20	-0.41	0.00
ATHENS_STG_3 23677	59.73	40.87	37.17	40.99	43.63	48.67	51.48	68.96	57.48	59.79	35.53	48.44	238.34	53.87	48.11	38.36	48.13	67.55	50.51	49.08	42.44	56.13	44.76	41.27
	1.91	1.23	1.09	1.11	1.16	1.38	1.57	1.87	1.59	1.85	1.02	1.55	7.82	1.67	1.71	1.36	1.76	2.43	1.62	1.42	1.15	1.86	1.52	1.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	-0.08	-4.29	-3.79	0.00	0.00	-1.04	-0.24	0.00	-0.09	-0.20	-0.41	0.00
AUBURN____LFGE 323710	56.48	32.20	36.10	39.91	42.52	47.32	49.14	58.52	50.24	54.39	31.75	44.94	216.31	36.39	32.11	35.15	37.88	49.39	47.38	47.13	40.56	53.87	41.78	39.88
	-0.04	0.01	0.02	0.03	0.05	0.04	0.01	-0.60	-0.37	-0.52	-0.41	-0.76	-3.49	-0.72	-0.95	-0.73	-0.92	-1.02	-0.73	-0.53	-0.10	0.25	-0.16	-0.06
	1.30	7.45	0.00	0.00	0.00	0.00	0.79	7.98	5.28	3.03	2.36	1.07	10.62	10.80	9.54	1.12	7.57	13.67	0.53	0.00	0.55	0.44	0.89	0.00
BABYLON_RES_REC 323704	64.22	49.11	38.26	42.05	44.71	50.07	53.14	70.99	64.61	66.49	42.18	49.80	243.55	57.45	62.17	57.02	52.33	70.83	59.19	50.07	43.50	56.48	65.33	49.23
	3.61	2.41	2.17	2.18	2.23	2.79	3.21	3.89	3.32	3.66	1.97	2.91	11.57	2.82	3.41	2.67	3.40	4.58	3.07	2.41	2.20	2.49	2.59	2.72
	-2.80	-7.07	-0.01	0.00	0.00	0.00	-0.01	0.00	-5.40	-4.89	-5.70	-0.12	-1.55	-6.72	-16.16	-17.35	-2.57	-2.17	-7.48	0.00	-0.10	0.07	-19.91	-6.57
BALL_HILL_WT_PWR 323825	49.73	11.05	33.85	37.59	40.05	44.69	44.27	36.01	34.83	40.23	24.57	40.36	129.02	22.04	19.81	30.46	16.69	14.51	43.84	41.98	27.11	37.13	36.65	37.94
	-3.53	-2.53	-2.23	-2.29	-2.42	-2.59	-3.02	-4.60	-3.92	-4.48	-2.48	-3.46	-19.07	-3.88	-3.37	-2.85	-3.79	-4.78	-3.65	-4.06	-3.09	-1.78	-3.11	-2.00
	4.55	26.05	0.00	0.00	0.00	0.00	2.62	26.49	17.13	13.23	7.46	2.95	82.34	21.98	19.43	3.69	25.90	44.80	1.16	1.62	11.01	15.15	3.07	0.00
BARON_WINDS____WT_PWR 323822	48.06	-3.46	34.26	37.99	40.50	45.10	43.26	21.50	24.96	32.62	19.99	39.01	79.36	10.58	9.81	28.42	1.96	-12.31	43.22	34.94	-7.23	-28.13	30.33	37.41
	-2.59	-2.12	-1.82	-1.89	-1.98	-2.19	-2.59	-4.41	-3.78	-4.18	-2.50	-3.06	-17.15	-3.92	-3.28	-2.80	-3.93	-5.59	-3.64	-3.73	-3.09	-1.96	-3.28	-2.53
	7.16	40.97	0.00	0.00	0.00	0.00	4.07	41.18	27.15	21.14	12.02	4.71	133.92	33.41	29.52	5.78	40.49	70.80	1.79	8.99	45.34	80.23	9.22	0.00
BARRETT_IC_1 23704	63.81	48.56	37.99	41.78	44.43	49.79	52.79	70.57	64.05	65.95	41.77	49.59	242.82	57.23	61.47	56.07	51.86	70.20	58.54	49.84	43.25	44.97	64.35	48.80
	3.28	2.10	1.91	1.91	1.96	2.50	2.86	3.47	2.94	3.29	1.75	2.70	10.89	2.67	3.11	2.31	3.01	3.98	2.66	2.17	1.94	2.07	2.27	2.52
	-2.71	-6.83	-0.01	0.00	0.00	0.00	-0.01	0.00	-5.21	-4.73	-5.51	-0.12	-1.50	-6.66	-15.75	-16.76	-2.48	-2.13	-7.23	0.00	-0.10	11.17	-19.25	-6.35
BARRETT_IC_10 23701	63.81	48.56	37.99	41.78	44.43	49.79	52.79	70.57	64.05	65.95	41.77	49.59	242.82	57.23	61.47	56.07	51.86	70.20	58.54	49.84	43.25	44.97	64.35	48.80
	3.28	2.10	1.91	1.91	1.96	2.50	2.86	3.47	2.94	3.29	1.75	2.70	10.89	2.67	3.11	2.31	3.01	3.98	2.66	2.17	1.94	2.07	2.27	2.52
	-2.71	-6.83	-0.01	0.00	0.00	0.00	-0.01	0.00	-5.21	-4.73	-5.51	-0.12	-1.50	-6.66	-15.75	-16.76	-2.48	-2.13	-7.23	0.00	-0.10	11.17	-19.25	-6.35
BARRETT_IC_11 23702	63.81	48.56	37.99	41.78	44.43	49.79	52.79	70.57	64.05	65.95	41.77	49.59	242.82	57.23	61.47	56.07	51.86	70.20	58.54	49.84	43.25	44.97	64.35	48.80
	3.28	2.10	1.91	1.91	1.96	2.50	2.86	3.47	2.94	3.29	1.75	2.70	10.89	2.67	3.11	2.31	3.01	3.98	2.66	2.17	1.94	2.07	2.27	2.52
	-2.71	-6.83	-0.01	0.00	0.00	0.00	-0.01	0.00	-5.21	-4.73	-5.51	-0.12	-1.50	-6.66	-15.75	-16.76	-2.48	-2.13	-7.23	0.00	-0.10	11.17	-19.25	-6.35
BARRETT_IC_12 23703	63.81	48.56	37.99	41.78	44.43	49.79	52.79	70.57	64.05	65.95	41.77	49.59	242.82	57.23	61.47	56.07	51.86	70.20	58.54	49.84	43.25	44.97	64.35	48.80
	3.28	2.10	1.91	1.91	1.96	2.50	2.86	3.47	2.94	3.29	1.75	2.70	10.89	2.67	3.11	2.31	3.01	3.98	2.66	2.17	1.94	2.07	2.27	2.52
	-2.71	-6.83	-0.01	0.00	0.00	0.00	-0.01	0.00	-5.21	-4.73	-5.51	-0.12	-1.50	-6.66	-15.75	-16.76	-2.48	-2.13	-7.23	0.00	-0.10	11.17	-19.25	-6.35
BARRETT_IC_2 23705	63.81	48.56	37.99	41.78	44.43	49.79	52.79	70.57	64.05	65.95	41.77	49.59	242.82	57.23	61.47	56.07	51.86	70.20	58.54	49.84	43.25	44.97	64.35	48.80
	3.28	2.10	1.91	1.91	1.96	2.50	2.86	3.47	2.94	3.29	1.75	2.70	10.89	2.67	3.11	2.31	3.01	3.98	2.66	2.17	1.94	2.07	2.27	2.52
	-2.71	-6.83	-0.01	0.00	0.00	0.00	-0.01	0.00	-5.21	-4.73	-5.51	-0.12	-1.50	-6.66	-15.75	-16.76	-2.48	-2.13	-7.23	0.00	-0.10	11.17	-19.25	-6.35
BARRETT_IC_3 23706	63.81	48.56	37.99	41.78	44.43	49.79	52.79	70.57	64.05	65.95	41.77	49.59	242.82	57.23	61.47	56.07	51.86	70.20	58.54	49.84	43.25	44.97	64.35	48.80
	3.28	2.10	1.91	1.91	1.96	2.50	2.86	3.47	2.94	3.29	1.75	2.70	10.89	2.67	3.11	2.31	3.01	3.98	2.66	2.17	1.94	2.07	2.27	2.52
	-2.71	-6.83	-0.01	0.00	0.00	0.00	-0.01	0.00	-5.21	-4.73	-5.51	-0.12	-1.50	-6.66	-15.75	-16.76	-2.48	-2.13	-7.23	0.00	-0.10	11.17	-19.25	-6.35
BARRETT_IC_4 23707	63.81	48.56	37.99	41.78	44.43	49.79	52.79	70.57	64.05	65.95	41.77	49.59	242.82	57.23	61.47	56.07	51.86	70.20	58.54	49.84	43.25	44.97	64.35	48.80
	3.28	2.10	1.91	1.91	1.96	2.50	2.86	3.47	2.94	3.29	1.75	2.70	10.89	2.67	3.11	2.31	3.01	3.98	2.66	2.17	1.94	2.07	2.27	2.52
	-2.71	-6.83	-0.01	0.00	0.00	0.00	-0.01	0.00	-5.21	-4.73	-5.51	-0.12	-1.50	-6.66	-15.75	-16.76	-2.48	-2.13	-7.23	0.00	-0.10	11.17	-19.25	-6.35
BARRETT_IC_5 23708	63.81	48.56	37.99	41.78	44.43	49.79	52.79	70.57	64.05	65.95	41.77	49.59	242.82	57.23	61.47	56.07	51.86	70.20	58.54	49.84	43.25	44.97	64.35	48.80
	3.28	2.10	1.91	1.91	1.96	2.50	2.86	3.47	2.94	3.29	1.75	2.70	10.89	2.67	3.11	2.31	3.01	3.98	2.66	2.17	1.94	2.07	2.27	2.52
	-2.71	-6.83	-0.01	0.00	0.00	0.00	-0.01	0.00	-5.21	-4.73	-5.51	-0.12	-1.50	-6.66	-15.75	-16.76	-2.48	-2.13	-7.23	0.00	-0.10	11.17	-19.25	-6.35

BARRETT_IC_6 23709	63.81 3.28 -2.71	48.56 2.10 -6.83	37.99 1.91 -0.01	41.78 1.91 0.00	44.43 1.96 0.00	49.79 2.50 0.00	52.79 2.86 -0.01	70.57 3.47 0.00	64.05 2.94 -5.21	65.95 3.29 -4.73	41.77 1.75 -5.51	49.59 2.70 -0.12	242.82 10.89 -1.50	57.23 2.67 -6.66	61.47 3.11 -15.75	56.07 2.31 -16.76	51.86 3.01 -2.48	70.20 3.98 -2.13	58.54 2.66 -7.23	49.84 2.17 0.00	43.25 1.94 -0.10	44.97 2.07 11.17	64.35 2.27 -19.25	48.80 2.52 -6.35
BARRETT_IC_7 23710	63.79 3.27 -2.71	48.57 2.10 -6.83	38.00 1.91 -0.01	41.78 1.91 0.00	44.43 1.96 0.00	49.77 2.48 0.00	52.79 2.86 -0.01	70.49 3.39 0.00	64.02 2.92 -5.21	65.93 3.27 -4.73	41.77 1.75 -5.51	49.61 2.72 -0.12	242.97 11.05 -1.50	57.19 2.63 -6.66	61.46 3.09 -15.75	56.08 2.31 -16.76	51.85 3.00 -2.48	70.01 3.80 -2.13	58.54 2.67 -7.23	49.84 2.18 0.00	43.25 1.95 -0.10	44.97 2.07 11.17	64.35 2.27 -19.25	48.80 2.52 -6.35
BARRETT_IC_8 23711	63.81 3.28 -2.71	48.56 2.10 -6.83	37.99 1.91 -0.01	41.78 1.91 0.00	44.43 1.96 0.00	49.79 2.50 0.00	52.79 2.86 -0.01	70.57 3.47 0.00	64.05 2.94 -5.21	65.95 3.29 -4.73	41.77 1.75 -5.51	49.59 2.70 -0.12	242.82 10.89 -1.50	57.23 2.67 -6.66	61.47 3.11 -15.75	56.07 2.31 -16.76	51.86 3.01 -2.48	70.20 3.98 -2.13	58.54 2.66 -7.23	49.84 2.17 0.00	43.25 1.94 -0.10	44.97 2.07 11.17	64.35 2.27 -19.25	48.80 2.52 -6.35
BARRETT_IC_9 23700	63.81 3.28 -2.71	48.56 2.10 -6.83	37.99 1.91 -0.01	41.78 1.91 0.00	44.43 1.96 0.00	49.79 2.50 0.00	52.79 2.86 -0.01	70.57 3.47 0.00	64.05 2.94 -5.21	65.95 3.29 -4.73	41.77 1.75 -5.51	49.59 2.70 -0.12	242.82 10.89 -1.50	57.23 2.67 -6.66	61.47 3.11 -15.75	56.07 2.31 -16.76	51.86 3.01 -2.48	70.20 3.98 -2.13	58.54 2.66 -7.23	49.84 2.17 0.00	43.25 1.94 -0.10	44.97 2.07 11.17	64.35 2.27 -19.25	48.80 2.52 -6.35
BARRETT___1 23545	63.81 3.28 -2.71	48.56 2.10 -6.83	37.99 1.91 -0.01	41.78 1.91 0.00	44.43 1.96 0.00	49.79 2.50 0.00	52.79 2.86 -0.01	70.57 3.47 0.00	64.05 2.94 -5.21	65.95 3.29 -4.73	41.77 1.75 -5.51	49.59 2.70 -0.12	242.82 10.89 -1.50	57.23 2.67 -6.66	61.47 3.11 -15.75	56.07 2.31 -16.76	51.86 3.01 -2.48	70.20 3.98 -2.13	58.54 2.66 -7.23	49.84 2.17 0.00	43.25 1.94 -0.10	44.97 2.07 11.17	64.35 2.27 -19.25	48.80 2.52 -6.35
BARRETT___2 23546	63.81 3.28 -2.71	48.56 2.10 -6.83	37.99 1.91 -0.01	41.78 1.91 0.00	44.43 1.96 0.00	49.79 2.50 0.00	52.79 2.86 -0.01	70.57 3.47 0.00	64.05 2.94 -5.21	65.95 3.29 -4.73	41.77 1.75 -5.51	49.59 2.70 -0.12	242.82 10.89 -1.50	57.23 2.67 -6.66	61.47 3.11 -15.75	56.07 2.31 -16.76	51.86 3.01 -2.48	70.20 3.98 -2.13	58.54 2.66 -7.23	49.84 2.17 0.00	43.25 1.94 -0.10	44.97 2.07 11.17	64.35 2.27 -19.25	48.80 2.52 -6.35
BATAVIA__115KV_TB1 55881	51.68 -2.77 3.37	18.61 -1.76 19.26	34.40 -1.68 0.00	38.13 -1.74 0.00	40.67 -1.81 0.00	45.44 -1.85 0.00	45.61 -2.36 1.94	44.17 -3.28 19.65	39.88 -3.16 12.85	43.87 -4.16 9.91	26.55 -2.35 5.61	40.92 -3.60 2.26	148.56 -20.11 61.76	26.60 -3.76 17.55	23.85 -3.25 15.51	31.49 -2.75 2.76	23.90 -3.22 19.25	27.33 -3.41 33.34	44.92 -2.82 0.91	44.07 -2.73 0.85	32.79 -1.76 6.66	45.04 -0.82 8.21	38.75 -1.97 2.11	38.79 -1.15 0.00
BAYONEEC___CTG1 323682	60.93 3.12 0.00	41.52 1.89 0.00	37.73 1.65 0.00	41.52 1.65 0.00	44.20 1.72 0.00	49.54 2.25 0.00	52.50 2.58 0.00	70.18 3.09 0.00	58.52 2.63 0.00	61.03 3.09 0.00	35.98 1.47 0.00	49.66 2.76 -0.12	244.73 14.21 -0.09	55.74 2.97 -4.85	49.97 3.07 -4.29	39.28 2.27 0.00	49.28 2.90 0.00	69.45 4.19 -1.18	51.78 2.86 -0.27	50.08 2.42 0.00	43.34 2.04 -0.10	57.13 2.84 -0.23	45.81 2.52 -0.46	42.24 2.30 0.00
BAYONEEC___CTG10 323750	60.93 3.12 0.00	41.52 1.89 0.00	37.73 1.65 0.00	41.52 1.65 0.00	44.20 1.72 0.00	49.54 2.25 0.00	52.50 2.58 0.00	70.18 3.09 0.00	58.52 2.63 0.00	61.03 3.09 0.00	35.98 1.47 0.00	49.66 2.76 -0.12	244.73 14.21 -0.09	55.74 2.97 -4.85	49.97 3.07 -4.29	39.28 2.27 0.00	49.28 2.90 0.00	69.45 4.19 -1.18	51.78 2.86 -0.27	50.08 2.42 0.00	43.34 2.04 -0.10	57.13 2.84 -0.23	45.81 2.52 -0.46	42.24 2.30 0.00
BAYONEEC___CTG2 323683	60.93 3.12 0.00	41.52 1.89 0.00	37.73 1.65 0.00	41.52 1.65 0.00	44.20 1.72 0.00	49.54 2.25 0.00	52.50 2.58 0.00	70.18 3.09 0.00	58.52 2.63 0.00	61.03 3.09 0.00	35.98 1.47 0.00	49.66 2.76 -0.12	244.73 14.21 -0.09	55.74 2.97 -4.85	49.97 3.07 -4.29	39.28 2.27 0.00	49.28 2.90 0.00	69.45 4.19 -1.18	51.78 2.86 -0.27	50.08 2.42 0.00	43.34 2.04 -0.10	57.13 2.84 -0.23	45.81 2.52 -0.46	42.24 2.30 0.00
BAYONEEC___CTG3 323684	60.93 3.12 0.00	41.52 1.89 0.00	37.73 1.65 0.00	41.52 1.65 0.00	44.20 1.72 0.00	49.54 2.25 0.00	52.50 2.58 0.00	70.18 3.09 0.00	58.52 2.63 0.00	61.03 3.09 0.00	35.98 1.47 0.00	49.66 2.76 -0.12	244.73 14.21 -0.09	55.74 2.97 -4.85	49.97 3.07 -4.29	39.28 2.27 0.00	49.28 2.90 0.00	69.45 4.19 -1.18	51.78 2.86 -0.27	50.08 2.42 0.00	43.34 2.04 -0.10	57.13 2.84 -0.23	45.81 2.52 -0.46	42.24 2.30 0.00
BAYONEEC___CTG4 323685	60.93 3.12 0.00	41.52 1.89 0.00	37.73 1.65 0.00	41.52 1.65 0.00	44.20 1.72 0.00	49.54 2.25 0.00	52.50 2.58 0.00	70.18 3.09 0.00	58.52 2.63 0.00	61.03 3.09 0.00	35.98 1.47 0.00	49.66 2.76 -0.12	244.73 14.21 -0.09	55.74 2.97 -4.85	49.97 3.07 -4.29	39.28 2.27 0.00	49.28 2.90 0.00	69.45 4.19 -1.18	51.78 2.86 -0.27	50.08 2.42 0.00	43.34 2.04 -0.10	57.13 2.84 -0.23	45.81 2.52 -0.46	42.24 2.30 0.00
BAYONEEC___CTG5 323686	60.93 3.12 0.00	41.52 1.89 0.00	37.73 1.65 0.00	41.52 1.65 0.00	44.20 1.72 0.00	49.54 2.25 0.00	52.50 2.58 0.00	70.18 3.09 0.00	58.52 2.63 0.00	61.03 3.09 0.00	35.98 1.47 0.00	49.66 2.76 -0.12	244.73 14.21 -0.09	55.74 2.97 -4.85	49.97 3.07 -4.29	39.28 2.27 0.00	49.28 2.90 0.00	69.45 4.19 -1.18	51.78 2.86 -0.27	50.08 2.42 0.00	43.34 2.04 -0.10	57.13 2.84 -0.23	45.81 2.52 -0.46	42.24 2.30 0.00
BAYONEEC___CTG6 323687	60.93 3.12 0.00	41.52 1.89 0.00	37.73 1.65 0.00	41.52 1.65 0.00	44.20 1.72 0.00	49.54 2.25 0.00	52.50 2.58 0.00	70.18 3.09 0.00	58.52 2.63 0.00	61.03 3.09 0.00	35.98 1.47 0.00	49.66 2.76 -0.12	244.73 14.21 -0.09	55.74 2.97 -4.85	49.97 3.07 -4.29	39.28 2.27 0.00	49.28 2.90 0.00	69.45 4.19 -1.18	51.78 2.86 -0.27	50.08 2.42 0.00	43.34 2.04 -0.10	57.13 2.84 -0.23	45.81 2.52 -0.46	42.24 2.30 0.00
BAYONEEC___CTG7 323688	60.93 3.12 0.00	41.52 1.89 0.00	37.73 1.65 0.00	41.52 1.65 0.00	44.20 1.72 0.00	49.54 2.25 0.00	52.50 2.58 0.00	70.18 3.09 0.00	58.52 2.63 0.00	61.03 3.09 0.00	35.98 1.47 0.00	49.66 2.76 -0.12	244.73 14.21 -0.09	55.74 2.97 -4.85	49.97 3.07 -4.29	39.28 2.27 0.00	49.28 2.90 0.00	69.45 4.19 -1.18	51.78 2.86 -0.27	50.08 2.42 0.00	43.34 2.04 -0.10	57.13 2.84 -0.23	45.81 2.52 -0.46	42.24 2.30 0.00

BAYONEEC___CTG8 323689	60.93 3.12 0.00	41.52 1.89 0.00	37.73 1.65 0.00	41.52 1.65 0.00	44.20 1.72 0.00	49.54 2.25 0.00	52.50 2.58 0.00	70.18 3.09 0.00	58.52 2.63 0.00	61.03 3.09 0.00	35.98 1.47 0.00	49.66 2.76 -0.12	244.73 14.21 -0.09	55.74 2.97 -4.85	49.97 3.07 -4.29	39.28 2.27 0.00	49.28 2.90 0.00	69.45 4.19 -1.18	51.78 2.86 -0.27	50.08 2.42 0.00	43.34 2.04 -0.10	57.13 2.84 -0.23	45.81 2.52 -0.46	42.24 2.30 0.00
BAYONEEC___CTG9 323749	60.93 3.12 0.00	41.52 1.89 0.00	37.73 1.65 0.00	41.52 1.65 0.00	44.20 1.72 0.00	49.54 2.25 0.00	52.50 2.58 0.00	70.18 3.09 0.00	58.52 2.63 0.00	61.03 3.09 0.00	35.98 1.47 0.00	49.66 2.76 -0.12	244.73 14.21 -0.09	55.74 2.97 -4.85	49.97 3.07 -4.29	39.28 2.27 0.00	49.28 2.90 0.00	69.45 4.19 -1.18	51.78 2.86 -0.27	50.08 2.42 0.00	43.34 2.04 -0.10	57.13 2.84 -0.23	45.81 2.52 -0.46	42.24 2.30 0.00
BAYPORT_69_KV_BK 2 356364	64.41 3.99 -2.60	48.97 2.77 -6.56	38.64 2.55 -0.01	42.44 2.57 0.00	45.05 2.57 0.00	50.47 3.18 0.00	53.62 3.69 -0.01	71.40 4.30 0.00	64.63 3.73 -5.01	66.56 4.08 -4.54	41.99 2.18 -5.29	50.08 3.19 -0.12	241.50 9.63 -1.44	56.75 2.25 -6.59	61.41 3.49 -15.31	55.93 2.81 -16.12	52.40 3.64 -2.38	70.93 4.76 -2.10	58.95 3.34 -6.97	50.25 2.59 0.00	43.73 2.42 -0.10	56.96 2.67 -0.23	63.99 2.63 -18.53	49.09 3.05 -6.10
BEACON___LESR 323632	59.38 1.56 0.00	40.79 1.16 0.00	37.15 1.07 0.00	40.97 1.10 0.00	43.59 1.12 0.00	48.54 1.25 0.00	51.34 1.42 0.00	68.95 1.85 0.00	57.52 1.64 0.00	59.77 1.83 0.00	35.62 1.11 0.00	48.14 1.36 0.00	236.98 6.55 0.00	49.46 1.56 0.00	44.09 1.48 0.00	38.28 1.28 0.00	47.98 1.60 0.00	66.88 1.94 -0.87	50.19 1.34 -0.20	48.89 1.23 0.00	42.24 0.96 -0.07	56.03 1.80 -0.17	44.53 1.35 -0.34	40.97 1.03 0.00
BEAVER RIVER___HYD 24048	55.36 -2.46 0.00	37.70 -1.94 0.00	34.33 -1.75 0.00	38.17 -1.70 0.00	40.88 -1.59 0.00	45.46 -1.83 0.00	47.83 -2.09 0.00	62.99 -4.11 0.00	52.11 -3.78 0.00	54.57 -3.37 0.00	32.60 -1.92 0.00	44.33 -2.45 0.00	218.92 -11.51 0.00	44.99 -2.92 0.00	39.88 -2.73 0.00	35.13 -1.88 0.00	44.01 -2.36 0.00	60.70 -3.38 0.00	46.53 -2.12 0.00	46.14 -1.52 0.00	39.79 -1.41 0.00	51.14 -2.92 0.00	40.54 -2.29 0.00	37.89 -2.05 0.00
BEEBEE_GT_13 23619	53.18 -2.12 2.51	23.84 -1.42 14.37	34.79 -1.29 0.00	38.52 -1.36 0.00	41.05 -1.42 0.00	45.82 -1.47 0.00	46.56 -1.87 1.48	49.28 -2.88 14.94	43.66 -2.47 9.76	47.46 -2.96 7.51	28.56 -1.68 4.28	42.54 -2.48 1.75	170.21 -13.22 47.00	30.97 -2.58 14.36	27.62 -2.30 12.69	32.99 -1.92 2.09	29.62 -2.29 14.47	36.44 -2.53 25.11	45.90 -2.02 0.72	45.62 -2.04 0.00	37.50 -1.49 2.22	52.46 -1.00 0.60	40.07 -1.55 1.21	39.00 -0.94 0.00
BENSHRST_27_KV_BENSHRST_1 355998	61.42 3.61 0.00	41.87 2.24 0.00	38.02 1.94 0.00	41.83 1.96 0.00	44.54 2.06 0.00	49.91 2.62 0.00	52.91 2.99 0.00	70.71 3.61 0.00	58.90 3.01 0.00	61.39 3.45 0.00	36.24 1.73 0.00	49.97 3.08 -0.12	246.38 15.86 -0.09	56.02 3.26 -4.85	50.28 3.38 -4.29	39.56 2.55 0.00	49.60 3.23 0.00	69.84 4.58 -1.18	52.14 3.23 -0.27	50.39 2.73 0.00	43.65 2.34 -0.10	57.56 3.27 -0.23	46.15 2.85 -0.46	42.54 2.60 0.00
BETHLEHEM___GRP 23843	58.58 0.77 0.00	40.25 0.61 0.00	36.66 0.58 0.00	40.42 0.54 0.00	43.01 0.54 0.00	47.87 0.58 0.00	50.61 0.70 0.00	67.93 0.83 0.00	56.65 0.76 0.00	58.81 0.87 0.00	35.06 0.55 0.00	47.39 0.62 0.00	233.37 2.94 0.00	48.73 0.83 0.00	43.46 0.85 0.00	37.70 0.70 0.00	47.23 0.86 0.00	65.84 0.89 -0.87	49.44 0.59 -0.20	48.15 0.49 0.00	41.62 0.35 -0.07	55.20 0.97 -0.17	43.93 0.75 -0.34	40.45 0.51 0.00
BETHLEHEM___GS1 323560	58.58 0.76 0.00	40.26 0.63 0.00	36.66 0.58 0.00	40.42 0.54 0.00	43.02 0.54 0.00	47.88 0.59 0.00	50.61 0.70 0.00	67.96 0.86 0.00	56.66 0.77 0.00	58.81 0.88 0.00	35.07 0.56 0.00	47.39 0.62 0.00	233.37 2.94 0.00	48.74 0.84 0.00	43.45 0.84 0.00	37.70 0.69 0.00	47.24 0.87 0.00	65.87 0.92 -0.87	49.44 0.59 -0.20	48.15 0.49 0.00	41.61 0.33 -0.07	55.19 0.96 -0.17	43.93 0.75 -0.34	40.45 0.51 0.00
BETHLEHEM___GS2 323561	58.58 0.76 0.00	40.26 0.63 0.00	36.66 0.58 0.00	40.42 0.54 0.00	43.02 0.54 0.00	47.88 0.59 0.00	50.61 0.70 0.00	67.96 0.86 0.00	56.66 0.77 0.00	58.81 0.88 0.00	35.07 0.56 0.00	47.39 0.62 0.00	233.37 2.94 0.00	48.74 0.84 0.00	43.45 0.84 0.00	37.70 0.69 0.00	47.24 0.87 0.00	65.87 0.92 -0.87	49.44 0.59 -0.20	48.15 0.49 0.00	41.61 0.33 -0.07	55.19 0.96 -0.17	43.93 0.75 -0.34	40.45 0.51 0.00
BETHLEHEM___GS3 323562	58.58 0.76 0.00	40.26 0.63 0.00	36.66 0.58 0.00	40.42 0.54 0.00	43.02 0.54 0.00	47.88 0.59 0.00	50.61 0.70 0.00	67.96 0.86 0.00	56.66 0.77 0.00	58.81 0.88 0.00	35.07 0.56 0.00	47.39 0.62 0.00	233.37 2.94 0.00	48.74 0.84 0.00	43.45 0.84 0.00	37.70 0.69 0.00	47.24 0.87 0.00	65.87 0.92 -0.87	49.44 0.59 -0.20	48.15 0.49 0.00	41.61 0.33 -0.07	55.19 0.96 -0.17	43.93 0.75 -0.34	40.45 0.51 0.00
BETHLEHEM___STEEL 23779	49.52 -3.88 4.42	11.79 -2.57 25.27	33.71 -2.37 0.00	37.39 -2.49 0.00	39.84 -2.64 0.00	44.50 -2.79 0.00	44.05 -3.32 2.55	36.73 -4.62 25.74	35.27 -3.97 16.65	40.44 -4.64 12.86	24.70 -2.56 7.25	40.13 -3.77 2.88	129.69 -20.63 80.11	22.48 -3.94 21.49	20.27 -3.35 18.99	30.55 -2.87 3.58	17.76 -3.47 25.13	16.21 -4.38 43.49	43.80 -3.71 1.13	42.09 -3.98 1.59	27.46 -3.01 10.74	37.31 -1.96 14.80	36.77 -3.07 3.00	37.93 -2.01 0.00
BETHLHEM_115KV_TB1 79974	58.72 0.91 0.00	40.33 0.69 0.00	36.73 0.64 0.00	40.50 0.62 0.00	43.10 0.62 0.00	47.98 0.69 0.00	50.72 0.81 0.00	68.07 0.97 0.00	56.75 0.86 0.00	58.92 0.99 0.00	35.12 0.61 0.00	47.49 0.71 0.00	233.99 3.56 0.00	48.82 0.91 0.00	43.54 0.93 0.00	37.76 0.75 0.00	47.32 0.95 0.00	65.98 1.04 -0.86	49.55 0.70 -0.20	48.26 0.60 0.00	41.72 0.44 -0.07	55.30 1.07 -0.17	44.02 0.84 -0.34	40.55 0.61 0.00
BETHPAGE_CC_5 323564	64.42 3.66 -2.95	49.49 2.41 -7.44	38.26 2.17 -0.01	42.06 2.18 0.00	44.72 2.24 0.00	50.10 2.81 0.00	53.15 3.22 -0.01	71.02 3.92 0.00	64.93 3.35 -5.68	66.80 3.71 -5.15	42.53 2.01 -6.00	49.92 3.03 -0.12	244.55 12.50 -1.62	57.74 3.02 -6.82	62.86 3.47 -16.79	57.97 2.69 -18.28	52.52 3.45 -2.70	70.94 4.64 -2.22	59.64 3.13 -7.86	50.21 2.55 0.00	43.59 2.28 -0.10	56.49 2.63 0.20	66.43 2.66 -20.94	49.62 2.75 -6.92
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	49.50 -3.81 4.50	11.35 -2.52 25.76	33.75 -2.33 0.00	37.42 -2.46 0.00	39.88 -2.59 0.00	44.55 -2.74 0.00	44.07 -3.25 2.60	36.37 -4.51 26.22	35.07 -3.87 16.95	40.32 -4.53 13.09	24.63 -2.50 7.38	40.17 -3.68 2.92	128.71 -20.19 81.53	22.25 -3.86 21.80	20.07 -3.28 19.26	30.54 -2.82 3.65	17.35 -3.40 25.61	15.48 -4.30 44.31	43.85 -3.65 1.15	42.27 -3.89 1.50	27.81 -2.97 10.41	38.17 -1.87 14.02	36.83 -3.04 2.96	37.95 -1.99 0.00

BINGHAMTON___COGEN 23790	62.71 0.35 -4.55	65.81 0.14 -26.04	36.19 0.11 0.00	39.97 0.09 0.00	42.55 0.08 0.00	47.42 0.13 0.00	52.72 0.23 -2.57	92.99 -0.06 -25.95	72.89 -0.04 -17.03	68.90 -0.02 -10.98	41.98 -0.06 -7.52	50.11 0.02 -3.32	281.33 -0.29 -51.19	80.85 -0.11 -33.05	71.79 -0.03 -29.21	40.57 -0.06 -3.63	72.34 -0.03 -26.00	113.74 0.12 -49.54	50.61 0.09 -1.87	47.74 0.08 0.00	44.63 0.12 -3.31	56.36 0.75 -1.55	46.07 0.10 -3.14	40.18 0.24 0.00
BIXINCNT_115KV_LOAD 355685	49.71 -3.19 4.91	9.32 -2.23 28.09	34.01 -2.07 0.00	37.62 -2.26 0.00	40.16 -2.31 0.00	44.94 -2.35 0.00	44.35 -2.75 2.82	34.80 -3.81 28.49	34.23 -3.28 18.39	39.85 -3.86 14.23	24.32 -2.20 8.00	40.34 -3.28 3.16	123.95 -17.67 88.82	21.05 -3.55 23.31	18.80 -3.21 20.60	30.05 -3.00 3.96	14.88 -3.61 27.88	11.02 -4.85 48.22	43.57 -3.84 1.24	42.80 -3.85 1.01	28.92 -3.64 8.65	41.58 -2.69 9.80	36.45 -3.62 2.77	37.72 -2.23 0.00
BLACK RIVER___HYD 24047	55.37 -2.45 0.00	37.64 -2.00 0.00	34.26 -1.83 0.00	38.06 -1.81 0.00	40.75 -1.73 0.00	45.38 -1.91 0.00	47.73 -2.19 0.00	62.57 -4.53 0.00	51.71 -4.18 0.00	54.13 -3.81 0.00	32.33 -2.18 0.00	43.83 -2.85 0.10	216.73 -13.62 0.08	40.48 -3.42 4.02	35.74 -3.32 3.55	34.66 -2.35 0.00	43.49 -2.88 0.00	60.14 -3.95 0.00	46.08 -2.57 0.00	45.90 -1.76 0.00	39.68 -1.53 0.00	50.98 -3.08 0.00	40.33 -2.50 0.00	37.82 -2.12 0.00
BLACKRVR_115KV_TB2 79977	55.37 -2.45 0.00	37.64 -2.00 0.00	34.25 -1.83 0.00	38.06 -1.81 0.00	40.75 -1.73 0.00	45.38 -1.91 0.00	47.73 -2.19 0.00	62.56 -4.54 0.00	51.71 -4.18 0.00	54.12 -3.81 0.00	32.33 -2.18 0.00	43.83 -2.85 0.10	216.73 -13.62 0.08	40.48 -3.41 4.02	35.74 -3.32 3.55	34.65 -2.35 0.00	43.48 -2.89 0.00	60.13 -3.95 0.00	46.08 -2.57 0.00	45.90 -1.76 0.00	39.68 -1.53 0.00	50.98 -3.08 0.00	40.33 -2.50 0.00	37.82 -2.12 0.00
BLISS_WT_PWR 323608	49.66 -3.25 4.91	9.23 -2.31 28.09	33.99 -2.09 0.00	37.56 -2.32 0.00	40.12 -2.35 0.00	44.94 -2.35 0.00	44.33 -2.77 2.82	34.56 -4.05 28.49	34.10 -3.40 18.39	39.78 -3.93 14.23	24.31 -2.21 8.00	40.35 -3.27 3.16	124.10 -17.52 88.82	20.91 -3.68 23.31	18.63 -3.38 20.60	29.86 -3.18 3.96	14.47 -4.01 27.88	10.38 -5.49 48.22	43.40 -4.01 1.24	42.68 -3.97 1.01	28.61 -3.95 8.65	41.18 -3.09 9.80	36.19 -3.87 2.77	37.58 -2.36 0.00
BLUESTONE___WT_PWR 323821	62.40 2.74 -1.85	51.83 1.61 -10.58	37.31 1.23 0.00	40.94 1.07 0.00	43.51 1.04 0.00	48.91 1.63 0.00	53.09 1.97 -1.21	81.49 2.20 -12.18	65.72 1.87 -7.96	65.80 1.73 -6.13	39.07 1.06 -3.50	49.73 1.43 -1.53	275.16 6.15 -38.59	64.64 1.18 -15.56	57.28 0.92 -13.75	39.23 0.53 -1.70	59.78 1.13 -12.28	89.51 1.94 -23.49	51.57 2.04 -0.89	50.01 2.35 0.00	45.25 1.79 -2.25	56.96 2.16 -0.74	44.98 0.65 -1.49	40.71 0.77 0.00
BLUE_CIRC_CHEM_DRP 24182	59.38 1.57 0.00	40.74 1.11 0.00	37.11 1.03 0.00	40.94 1.06 0.00	43.59 1.12 0.00	48.53 1.24 0.00	51.29 1.37 0.00	68.79 1.69 0.00	57.33 1.45 0.00	59.51 1.58 0.00	35.43 0.92 0.00	48.02 1.16 -0.09	236.02 5.52 -0.07	52.81 1.25 -3.64	47.11 1.28 -3.22	38.07 1.06 0.00	47.72 1.35 0.00	66.64 1.67 -0.88	49.96 1.11 -0.21	48.74 1.08 0.00	42.16 0.88 -0.08	55.85 1.62 -0.17	44.43 1.25 -0.35	40.97 1.03 0.00
BOC_GAS_DRP 24189	59.08 1.26 0.00	40.49 0.86 0.00	36.87 0.79 0.00	40.67 0.80 0.00	43.29 0.82 0.00	48.22 0.93 0.00	50.96 1.05 0.00	68.36 1.26 0.00	56.97 1.08 0.00	59.18 1.25 0.00	35.22 0.71 0.00	47.75 0.97 0.00	235.18 4.75 0.00	48.99 1.08 0.00	43.71 1.10 0.00	37.90 0.90 0.00	47.52 1.14 0.00	65.54 1.46 0.00	49.59 0.94 0.00	48.51 0.85 0.00	41.86 0.66 0.00	55.34 1.28 0.00	43.85 1.01 0.00	40.76 0.82 0.00
BOONVILLE_115KV_TB1 79983	57.71 -0.10 0.00	39.39 -0.25 0.00	35.82 -0.26 0.00	39.71 -0.16 0.00	42.43 -0.04 0.00	47.21 -0.07 0.00	49.73 -0.19 0.00	66.04 -1.06 0.00	54.85 -1.04 0.00	57.23 -0.70 0.00	34.09 -0.43 0.00	46.28 -0.49 0.00	228.98 -1.45 0.00	47.22 -0.69 0.00	41.95 -0.66 0.00	36.69 -0.32 0.00	45.96 -0.41 0.00	63.35 -0.73 0.00	48.49 -0.15 0.00	47.87 0.21 0.00	41.33 0.12 0.00	53.68 -0.39 0.00	42.39 -0.44 0.00	39.58 -0.36 0.00
BORALEX_4TH_BRANCH 23824	60.60 2.78 0.00	41.44 1.80 0.00	37.78 1.69 0.00	41.74 1.87 0.00	44.44 1.97 0.00	49.44 2.15 0.00	52.20 2.28 0.00	69.86 2.77 0.00	58.18 2.30 0.00	60.45 2.51 0.00	36.02 1.51 0.00	48.56 1.78 0.00	239.25 8.82 0.00	49.81 1.91 0.00	44.33 1.72 0.00	38.62 1.62 0.00	48.50 2.12 0.00	66.67 2.59 0.00	50.42 1.77 0.00	49.50 1.84 0.00	42.50 1.30 0.00	56.67 2.61 0.00	44.79 1.96 0.00	41.32 1.38 0.00
BOWLINE___1 23526	61.09 2.75 -0.53	44.29 1.64 -3.02	37.44 1.36 0.00	41.23 1.36 0.00	43.89 1.42 0.00	49.16 1.87 0.00	52.08 2.16 0.00	69.66 2.55 0.00	58.06 2.17 0.00	60.55 2.61 0.00	35.89 1.38 0.00	49.21 2.31 -0.12	242.35 11.82 -0.10	55.53 2.50 -5.13	49.76 2.61 -4.53	38.99 1.99 0.00	48.97 2.60 0.00	69.03 3.70 -1.25	51.41 2.47 -0.29	49.76 2.10 0.00	43.10 1.79 -0.11	56.84 2.54 -0.24	45.50 2.17 -0.49	41.93 1.99 0.00
BOWLINE___2 23595	61.09 2.75 -0.53	44.29 1.64 -3.02	37.44 1.36 0.00	41.23 1.36 0.00	43.89 1.42 0.00	49.16 1.87 0.00	52.08 2.16 0.00	69.66 2.55 0.00	58.06 2.17 0.00	60.55 2.61 0.00	35.89 1.38 0.00	49.21 2.31 -0.12	242.35 11.82 -0.10	55.53 2.50 -5.13	49.76 2.61 -4.53	38.99 1.99 0.00	48.97 2.60 0.00	69.03 3.70 -1.25	51.41 2.47 -0.29	49.76 2.10 0.00	43.10 1.79 -0.11	56.84 2.54 -0.24	45.50 2.17 -0.49	41.93 1.99 0.00
BRADY___115KV_TB2 356060	57.13 -0.68 0.00	39.39 -0.25 0.00	35.96 -0.12 0.00	39.85 -0.02 0.00	42.51 0.03 0.00	47.30 0.02 0.00	49.91 -0.01 0.00	66.70 -0.40 0.00	55.27 -0.62 0.00	57.07 -0.86 0.00	34.11 -0.40 0.00	46.18 -0.59 0.00	227.52 -2.91 0.00	47.33 -0.57 0.00	41.96 -0.66 0.00	36.66 -0.34 0.00	45.88 -0.49 0.00	63.46 -0.62 0.00	48.60 -0.04 0.00	47.97 0.31 0.00	41.66 0.46 0.00	53.97 -0.09 0.00	42.75 -0.09 0.00	39.63 -0.32 0.00
BRANSCOMB___SOLAR 323811	60.48 2.66 0.00	41.32 1.69 0.00	37.68 1.60 0.00	41.68 1.81 0.00	44.40 1.92 0.00	49.45 2.17 0.00	52.20 2.28 0.00	69.81 2.71 0.00	58.28 2.39 0.00	60.52 2.59 0.00	36.06 1.55 0.00	48.71 1.94 0.00	240.29 9.86 0.00	49.99 2.08 0.00	44.58 1.97 0.00	38.78 1.78 0.00	48.67 2.30 0.00	66.99 2.91 0.00	50.65 2.00 0.00	49.78 2.12 0.00	42.81 1.61 0.00	56.74 2.68 0.00	44.79 1.96 0.00	41.50 1.56 0.00
BRDGHMPT_69_KV_BK1 55812	64.22 3.83 -2.58	49.20 3.07 -6.49	39.20 3.11 -0.01	42.96 3.08 0.00	45.43 2.96 0.00	50.77 3.48 0.00	54.19 4.26 -0.01	71.41 4.31 0.00	64.70 3.85 -4.96	66.38 3.95 -4.50	41.66 1.91 -5.23	49.90 3.01 -0.12	236.77 4.91 -1.43	55.81 1.33 -6.57	60.59 2.79 -15.19	55.23 2.29 -15.94	51.81 3.08 -2.36	70.24 4.07 -2.09	58.40 2.87 -6.89	49.76 2.10 0.00	43.51 2.20 -0.10	55.94 1.65 -0.23	62.89 1.73 -18.32	48.27 2.29 -6.03



BRENTWOD_69_KV_W. BRTWOOD 56703	64.16 3.73 -2.61	48.79 2.57 -6.58	38.44 2.35 -0.01	42.23 2.36 0.00	44.88 2.40 0.00	50.26 2.97 0.00	53.36 3.43 -0.01	71.11 4.01 0.00	64.39 3.47 -5.03	66.30 3.81 -4.56	41.90 2.07 -5.31	49.95 3.05 -0.12	243.41 11.53 -1.45	57.28 2.78 -6.59	61.39 3.43 -15.35	55.90 2.72 -16.17	52.14 3.38 -2.39	70.50 4.32 -2.10	58.71 3.07 -6.99	50.03 2.37 0.00	43.49 2.18 -0.10	56.75 2.46 -0.23	64.02 2.61 -18.58	48.88 2.82 -6.12
BRISTLHL_115KV_TB1 79998	56.41 -1.40 0.00	38.62 -1.01 0.00	35.15 -0.93 0.00	38.83 -1.04 0.00	41.34 -1.13 0.00	46.00 -1.29 0.00	48.19 -1.42 0.31	61.62 -2.35 3.13	52.14 -1.94 1.82	54.81 -2.07 1.06	32.61 -1.26 0.64	44.90 -1.73 0.14	221.21 -8.83 0.39	40.04 -1.91 5.96	35.58 -1.77 5.26	34.93 -1.63 0.44	42.73 -1.96 1.67	60.61 -2.37 1.10	46.64 -1.74 0.26	46.06 -1.60 0.00	39.78 -1.33 0.10	52.39 -1.46 0.21	41.05 -1.35 0.43	38.89 -1.05 0.00
BROOKHAVEN___DRP 24191	63.92 3.53 -2.57	48.63 2.51 -6.49	38.45 2.36 -0.01	42.22 2.35 0.00	44.80 2.32 0.00	50.17 2.89 0.00	53.30 3.37 -0.01	70.91 3.81 0.00	64.14 3.29 -4.95	66.03 3.60 -4.49	41.63 1.88 -5.23	49.72 2.82 -0.12	240.25 8.39 -1.43	56.52 2.05 -6.57	60.82 3.02 -15.19	55.35 2.42 -15.93	51.91 3.18 -2.36	70.27 4.10 -2.09	58.37 2.84 -6.89	49.77 2.11 0.00	43.33 2.02 -0.10	56.44 2.15 -0.23	63.43 2.28 -18.32	48.59 2.62 -6.03
BROOKLYN_NAVY_YARD 23515	-57.18 2.92 117.91	41.39 1.77 0.01	37.62 1.55 0.01	41.39 1.53 0.02	44.06 1.59 0.02	49.37 2.09 0.02	52.33 2.42 0.02	53.14 2.89 16.86	-556.46 2.45 614.80	60.85 2.92 0.01	27.61 1.35 8.25	49.50 2.62 -0.11	243.88 13.36 -0.09	55.58 2.82 -4.85	49.84 2.95 -4.28	39.16 2.16 0.00	49.15 2.78 0.00	69.30 4.04 -1.18	51.66 2.73 -0.27	49.94 2.29 0.00	43.22 1.92 -0.09	56.94 2.66 -0.22	-30.62 2.36 75.81	9.14 2.17 32.98
BROOKLYN___ARMY_DRP 323595	61.17 3.35 0.00	41.69 2.06 0.00	37.87 1.79 0.00	41.67 1.80 0.00	44.36 1.89 0.00	49.72 2.43 0.00	52.70 2.78 0.00	70.42 3.32 0.00	58.66 2.77 0.00	61.12 3.19 0.00	36.07 1.55 0.00	49.74 2.85 -0.12	245.23 14.70 -0.09	55.77 3.01 -4.85	50.07 3.16 -4.29	39.37 2.36 0.00	49.36 2.99 0.00	69.49 4.23 -1.18	51.90 2.98 -0.27	50.14 2.49 0.00	43.44 2.13 -0.10	57.28 2.99 -0.23	45.93 2.63 -0.46	42.35 2.41 0.00
BROOME_2_LFGE 323671	62.71 0.34 -4.55	65.79 0.12 -26.04	36.19 0.11 0.00	39.97 0.09 0.00	42.55 0.08 0.00	47.42 0.13 0.00	52.72 0.23 -2.57	92.96 0.23 -25.95	72.85 -0.08 -17.03	68.88 -0.04 -10.98	41.97 -0.06 -7.52	50.11 0.01 -3.32	281.32 -0.30 -51.19	80.83 -0.13 -33.05	71.77 -0.05 -29.21	40.56 -0.07 -3.63	72.30 -0.07 -26.00	113.67 0.05 -49.54	50.60 0.09 -1.87	47.73 0.08 0.00	44.63 0.12 -3.31	56.35 0.74 -1.55	46.07 0.10 -3.14	40.18 0.24 0.00
BROOME___LFGE 323600	62.71 0.34 -4.55	65.79 0.12 -26.04	36.19 0.11 0.00	39.97 0.09 0.00	42.55 0.08 0.00	47.42 0.13 0.00	52.72 0.23 -2.57	92.96 0.23 -25.95	72.85 -0.08 -17.03	68.88 -0.04 -10.98	41.97 -0.06 -7.52	50.11 0.01 -3.32	281.32 -0.30 -51.19	80.83 -0.13 -33.05	71.77 -0.05 -29.21	40.56 -0.07 -3.63	72.30 -0.07 -26.00	113.67 0.05 -49.54	50.60 0.09 -1.87	47.73 0.08 0.00	44.63 0.12 -3.31	56.35 0.74 -1.55	46.07 0.10 -3.14	40.18 0.24 0.00
BROWNFLS_115KV_TB_3_5 80003	54.94 -2.88 0.00	37.60 -2.03 0.00	34.36 -1.73 0.00	38.16 -1.72 0.00	40.80 -1.67 0.00	45.39 -1.90 0.00	47.80 -2.12 0.00	63.42 -3.68 0.00	52.51 -3.38 0.00	54.68 -3.26 0.00	32.68 -1.83 0.00	44.36 -2.42 0.00	218.89 -11.54 0.00	45.19 -2.72 0.00	40.06 -2.55 0.00	35.18 -1.82 0.00	44.05 -2.32 0.00	60.81 -3.27 0.00	46.61 -2.03 0.00	46.09 -1.57 0.00	39.84 -1.36 0.00	51.27 -2.79 0.00	40.68 -2.16 0.00	37.89 -2.06 0.00
BROWNSV1_27_KV_LOAD 356125	61.26 3.45 0.00	41.74 2.11 0.00	37.94 1.86 0.00	41.75 1.87 0.00	44.42 1.94 0.00	49.77 2.48 0.00	52.76 2.84 0.00	70.53 3.44 0.00	58.84 2.95 0.00	61.37 3.44 0.00	36.19 1.68 0.00	49.97 3.08 -0.12	246.17 15.65 -0.09	56.03 3.26 -4.85	50.25 3.35 -4.29	39.52 2.51 0.00	49.54 3.17 0.00	69.79 4.53 -1.18	52.10 3.18 -0.27	50.39 2.73 0.00	43.65 2.34 -0.10	57.50 3.21 -0.23	46.08 2.78 -0.46	42.49 2.55 0.00
BURROWS___LYONSDAL 23803	57.10 -0.71 0.00	38.93 -0.71 0.00	35.42 -0.67 0.00	39.31 -0.56 0.00	42.04 -0.44 0.00	46.75 -0.54 0.00	49.22 -0.70 0.00	65.20 -1.90 0.00	54.08 -1.81 0.00	56.54 -1.39 0.00	33.70 -0.81 0.00	45.80 -0.98 0.00	226.48 -3.95 0.00	46.63 -1.28 0.00	41.43 -1.18 0.00	36.31 -0.69 0.00	45.48 -0.89 0.00	62.68 -1.40 0.00	47.99 -0.65 0.00	47.44 -0.22 0.00	40.92 -0.28 0.00	52.99 -1.08 0.00	41.85 -0.99 0.00	39.09 -0.85 0.00
CAITHNESS_CC_1 323624	63.84 3.45 -2.57	48.56 2.44 -6.49	38.37 2.28 -0.01	42.14 2.27 0.00	44.71 2.24 0.00	50.09 2.80 0.00	53.20 3.27 -0.01	70.91 3.81 0.00	64.08 3.23 -4.95	65.96 3.53 -4.49	41.58 1.84 -5.23	49.64 2.75 -0.12	240.08 8.22 -1.43	56.57 2.09 -6.57	60.80 3.01 -15.18	55.30 2.37 -15.93	51.86 3.13 -2.35	70.42 4.25 -2.09	58.27 2.74 -6.88	49.68 2.02 0.00	43.23 1.92 -0.10	56.34 2.05 -0.23	63.37 2.23 -18.31	48.53 2.56 -6.03
CALPINE BETH_PAGE_GT4 24209	64.61 3.67 -3.12	49.93 2.42 -7.88	38.27 2.18 -0.01	42.08 2.20 0.00	44.73 2.26 0.00	50.11 2.82 0.00	53.16 3.23 -0.01	70.96 3.86 0.00	65.25 3.35 -6.01	67.10 3.71 -5.45	42.89 2.03 -6.35	49.96 3.06 -0.12	245.01 12.87 -1.71	57.87 3.03 -6.93	63.60 3.48 -17.51	59.05 2.71 -19.34	52.67 3.44 -2.86	70.85 4.49 -2.28	60.11 3.16 -8.30	50.25 2.59 0.00	43.63 2.32 -0.10	56.38 2.67 0.35	67.65 2.68 -22.13	50.04 2.78 -7.32
CALPINE_BETH_PAGE_GT_4 323586	64.62 3.69 -3.12	49.94 2.43 -7.88	38.27 2.18 -0.01	42.07 2.20 0.00	44.73 2.26 0.00	50.13 2.84 0.00	53.16 3.23 -0.01	71.04 3.94 0.00	65.27 3.36 -6.01	67.13 3.74 -5.45	42.89 2.03 -6.35	49.95 3.06 -0.12	244.86 12.72 -1.71	57.90 3.06 -6.93	63.63 3.50 -17.51	59.06 2.72 -19.34	52.70 3.47 -2.86	71.05 4.69 -2.28	60.11 3.17 -8.30	50.25 2.59 0.00	43.63 2.32 -0.10	56.39 2.68 0.35	67.64 2.67 -22.13	50.04 2.78 -7.32
CALPINE_BP_GT1 23823	64.62 3.69 -3.12	49.94 2.43 -7.88	38.27 2.18 -0.01	42.07 2.20 0.00	44.73 2.26 0.00	50.13 2.84 0.00	53.16 3.23 -0.01	71.04 3.94 0.00	65.27 3.36 -6.01	67.13 3.74 -5.45	42.89 2.03 -6.35	49.95 3.06 -0.12	244.86 12.72 -1.71	57.90 3.06 -6.93	63.63 3.50 -17.51	59.06 2.72 -19.34	52.70 3.47 -2.86	71.05 4.69 -2.28	60.11 3.17 -8.30	50.25 2.59 0.00	43.63 2.32 -0.10	56.39 2.68 0.35	67.64 2.67 -22.13	50.04 2.78 -7.32
CALSPAN___DRP 24200	49.52 -3.88 4.42	11.79 -2.57 25.27	33.71 -2.37 0.00	37.39 -2.49 0.00	39.84 -2.64 0.00	44.50 -2.79 0.00	44.05 -3.32 2.55	36.73 -4.62 25.74	35.27 -3.97 16.65	40.44 -4.64 12.86	24.70 -2.56 7.25	40.13 -3.77 2.88	129.69 -20.63 80.11	22.48 -3.94 21.49	20.27 -3.35 18.99	30.55 -2.87 3.58	17.76 -3.47 25.13	16.21 -4.38 43.49	43.80 -3.71 1.13	42.09 -3.98 1.59	27.46 -3.01 10.74	37.31 -1.96 14.80	36.77 -3.07 3.00	37.93 -2.01 0.00

CALVERTON___SOLAR 323806	64.05 3.66 -2.57	48.74 2.62 -6.49	38.55 2.46 -0.01	42.34 2.46 0.00	44.90 2.42 0.00	50.29 3.00 0.00	53.45 3.52 -0.01	71.17 4.07 0.00	64.29 3.44 -4.96	66.16 3.73 -4.49	41.66 1.92 -5.23	49.76 2.87 -0.12	239.91 8.05 -1.43	56.53 2.05 -6.57	60.87 3.07 -15.19	55.39 2.46 -15.93	52.02 3.29 -2.36	70.66 4.49 -2.09	58.47 2.94 -6.89	49.86 2.20 0.00	43.40 2.10 -0.10	56.47 2.18 -0.23	63.44 2.29 -18.32	48.63 2.66 -6.03
CANDIGU_WT_PWR 323617	48.06 -2.59 7.16	-3.46 -2.12 40.97	34.26 -1.82 0.00	37.99 -1.89 0.00	40.50 -1.98 0.00	45.10 -2.19 0.00	43.26 -2.59 4.07	21.50 -4.41 41.18	24.96 -3.78 27.15	32.62 -4.18 21.14	19.99 -2.50 12.02	39.01 -3.06 4.71	79.36 -17.15 133.92	10.58 -3.92 33.41	9.81 -3.28 29.52	28.42 -2.80 5.78	1.96 -3.93 40.49	-12.31 -5.59 70.80	43.22 -3.64 1.79	34.94 -3.73 8.99	-7.23 -3.09 45.34	-28.13 -1.96 80.23	30.33 -3.28 9.22	37.41 -2.53 0.00
CARR STREET_E_SYR 24060	57.25 -0.57 0.00	39.19 -0.45 0.00	35.66 -0.42 0.00	39.40 -0.47 0.00	41.96 -0.51 0.00	46.70 -0.59 0.00	48.94 -0.68 0.30	62.65 -1.43 3.02	52.97 -1.17 1.75	55.68 -1.23 1.03	33.14 -0.75 0.62	45.62 -1.01 0.15	224.89 -5.15 0.39	40.39 -1.15 6.36	35.87 -1.12 5.62	35.53 -1.05 0.42	43.53 -1.22 1.62	61.56 -1.32 1.20	47.41 -0.95 0.28	46.80 -0.86 0.00	40.41 -0.69 0.10	53.29 -0.55 0.23	41.66 -0.70 0.47	39.50 -0.44 0.00
CARTHAGE___PAPER 23857	55.36 -2.45 0.00	37.69 -1.95 0.00	34.31 -1.77 0.00	38.14 -1.73 0.00	40.85 -1.63 0.00	45.45 -1.84 0.00	47.81 -2.11 0.00	62.85 -4.24 0.00	51.97 -3.91 0.00	54.42 -3.52 0.00	32.50 -2.02 0.00	44.18 -2.59 0.00	218.18 -12.25 0.00	44.81 -3.09 0.00	39.66 -2.95 0.00	34.96 -2.04 0.00	43.82 -2.55 0.00	60.50 -3.58 0.00	46.38 -2.27 0.00	46.08 -1.58 0.00	39.78 -1.43 0.00	51.08 -2.98 0.00	40.48 -2.35 0.00	37.87 -2.07 0.00
CASSADAGA_WT_PWR 323784	50.36 -2.63 4.82	9.92 -2.12 27.60	34.33 -1.75 0.00	38.18 -1.70 0.00	40.75 -1.72 0.00	45.35 -1.94 0.00	44.87 -2.28 2.77	35.36 -3.73 28.01	34.57 -3.22 18.10	40.22 -3.70 14.01	24.56 -2.08 7.88	40.86 -2.80 3.12	127.52 -15.32 87.58	21.42 -3.46 23.03	18.79 -3.46 20.36	29.94 -3.16 3.89	14.65 -4.32 27.40	11.16 -5.51 47.41	43.60 -3.82 1.22	42.16 -4.36 1.14	28.57 -3.46 9.17	40.84 -2.25 10.98	36.56 -3.44 2.84	37.81 -2.13 0.00
CE_DUNWOOD___DRP 24194	60.77 2.95 0.00	41.42 1.79 0.00	37.67 1.59 0.00	41.47 1.60 0.00	44.13 1.66 0.00	49.41 2.12 0.00	52.37 2.45 0.00	70.00 2.90 0.00	58.41 2.52 0.00	60.91 2.97 0.00	36.05 1.53 0.00	49.52 2.63 -0.12	243.82 13.30 -0.09	55.53 2.76 -4.86	49.81 2.90 -4.30	39.21 2.21 0.00	49.20 2.83 0.00	69.23 3.97 -1.18	51.68 2.76 -0.28	50.02 2.35 0.00	43.30 2.00 -0.10	57.11 2.81 -0.23	45.71 2.41 -0.46	42.16 2.22 0.00
CE_MILLWOOD___DRP 24193	60.67 2.85 0.00	41.36 1.72 0.00	37.60 1.52 0.00	41.39 1.52 0.00	44.06 1.59 0.00	49.32 2.03 0.00	52.27 2.35 0.00	69.89 2.79 0.00	58.29 2.40 0.00	60.78 2.85 0.00	35.99 1.47 0.00	49.41 2.51 -0.12	243.20 12.68 -0.10	55.43 2.65 -4.87	49.70 2.79 -4.30	39.14 2.14 0.00	49.11 2.74 0.00	69.11 3.84 -1.18	51.58 2.66 -0.28	49.93 2.27 0.00	43.22 1.92 -0.10	57.01 2.72 -0.23	45.63 2.33 -0.46	42.07 2.13 0.00
CE_NYC2_DRP 24202	60.81 2.99 0.00	41.46 1.82 0.00	37.70 1.62 0.00	41.50 1.62 0.00	44.16 1.69 0.00	49.47 2.18 0.00	52.45 2.52 0.00	70.08 2.98 0.00	58.41 2.52 0.00	60.94 3.00 0.00	35.95 1.43 0.00	49.60 2.71 -0.12	244.40 13.87 -0.09	55.65 2.89 -4.85	49.91 3.01 -4.29	39.23 2.23 0.00	49.18 2.81 0.00	69.28 4.02 -1.18	51.69 2.77 -0.27	49.96 2.30 0.00	43.27 1.96 -0.10	57.04 2.75 -0.23	45.73 2.44 -0.46	42.17 2.23 0.00
CE_NYC_DRP 24195	61.03 3.21 0.00	41.59 1.95 0.00	37.80 1.72 0.00	41.59 1.72 0.00	44.26 1.79 0.00	49.59 2.30 0.00	52.56 2.64 0.00	70.25 3.15 0.00	58.60 2.70 0.00	61.12 3.19 0.00	36.03 1.52 0.00	49.75 2.86 -0.12	245.03 14.51 -0.09	55.79 3.03 -4.85	50.04 3.14 -4.29	39.34 2.34 0.00	49.32 2.95 0.00	69.48 4.22 -1.18	51.87 2.95 -0.27	50.16 2.50 0.00	43.43 2.12 -0.10	57.23 2.94 -0.23	45.87 2.57 -0.46	42.29 2.35 0.00
CHAFFEE___LFGE 323603	49.17 -3.99 4.66	10.25 -2.70 26.68	33.66 -2.42 0.00	37.33 -2.55 0.00	39.78 -2.69 0.00	44.43 -2.85 0.00	43.86 -3.37 2.69	35.08 -4.90 27.12	34.21 -4.16 17.52	39.64 -4.75 13.54	24.28 -2.61 7.63	39.97 -3.78 3.02	125.04 -20.90 84.49	21.40 -4.11 22.40	19.35 -3.46 19.80	30.29 -2.94 3.77	16.11 -3.75 26.51	13.45 -4.78 45.86	43.69 -3.77 1.19	42.38 -3.99 1.29	28.52 -3.00 9.68	39.90 -1.89 12.27	36.86 -3.09 2.88	37.92 -2.03 0.00
CHATEAUG_35_KV_LOAD 355732	57.19 -0.63 0.00	39.32 -0.31 0.00	35.85 -0.23 0.00	39.71 -0.17 0.00	42.35 -0.12 0.00	47.14 -0.15 0.00	49.75 -0.17 0.00	67.02 -0.08 0.00	55.68 -0.21 0.00	57.49 -0.44 0.00	34.31 -0.20 0.00	46.47 -0.31 0.00	228.79 -1.64 0.00	47.57 -0.34 0.00	42.02 -0.59 0.00	36.67 -0.33 0.00	45.96 -0.41 0.00	63.58 -0.50 0.00	48.49 -0.15 0.00	47.61 -0.05 0.00	41.29 0.09 0.00	53.60 -0.46 0.00	42.36 -0.47 0.00	39.27 -0.68 0.00
CHATEAUG_WT_PWR 323614	57.23 -0.59 0.00	39.34 -0.29 0.00	35.86 -0.22 0.00	39.72 -0.16 0.00	42.37 -0.11 0.00	47.15 -0.14 0.00	49.75 -0.17 0.00	67.09 -0.01 0.00	55.81 -0.08 0.00	57.61 -0.32 0.00	34.38 -0.13 0.00	46.58 -0.19 0.00	229.43 -1.01 0.00	47.68 -0.22 0.00	42.10 -0.51 0.00	36.73 -0.27 0.00	46.07 -0.31 0.00	63.69 -0.40 0.00	48.54 -0.10 0.00	47.62 -0.04 0.00	41.29 0.08 0.00	53.59 -0.48 0.00	42.31 -0.53 0.00	39.21 -0.73 0.00
CHAT_HIGH_FALL_HYD 323578	57.19 -0.63 0.00	39.32 -0.31 0.00	35.85 -0.23 0.00	39.71 -0.17 0.00	42.35 -0.12 0.00	47.14 -0.15 0.00	49.75 -0.17 0.00	67.02 -0.08 0.00	55.68 -0.21 0.00	57.49 -0.44 0.00	34.31 -0.20 0.00	46.47 -0.31 0.00	228.79 -1.64 0.00	47.57 -0.34 0.00	42.02 -0.59 0.00	36.67 -0.33 0.00	45.96 -0.41 0.00	63.58 -0.50 0.00	48.49 -0.15 0.00	47.61 -0.05 0.00	41.29 0.09 0.00	53.60 -0.46 0.00	42.36 -0.47 0.00	39.27 -0.68 0.00
CHAUTAUQUA___LFGE 323629	50.17 -2.98 4.66	10.64 -2.30 26.69	34.12 -1.96 0.00	37.91 -1.97 0.00	40.43 -2.04 0.00	45.04 -2.25 0.00	44.66 -2.57 2.69	35.79 -4.18 27.12	34.80 -3.56 17.53	40.28 -4.11 13.55	24.60 -2.28 7.63	40.70 -3.05 3.02	129.04 -16.95 84.43	21.87 -3.63 22.41	19.53 -3.28 19.80	30.47 -2.76 3.77	16.04 -3.81 26.52	13.42 -4.78 45.88	44.04 -3.42 1.19	42.32 -3.93 1.41	28.00 -3.02 10.18	39.25 -1.52 13.29	36.82 -3.06 2.96	38.06 -1.89 0.00
CHERRYST_13_KV_LD 356241	61.17 3.35 0.00	41.67 2.04 0.00	37.88 1.80 0.00	41.69 1.81 0.00	44.36 1.89 0.00	49.70 2.41 0.00	52.69 2.77 0.00	70.44 3.33 0.00	58.76 2.87 0.00	61.29 3.35 0.00	36.13 1.61 0.00	49.88 2.98 -0.12	245.71 15.19 -0.09	55.93 3.17 -4.85	50.16 3.26 -4.29	39.45 2.45 0.00	49.46 3.09 0.00	69.67 4.41 -1.18	52.02 3.09 -0.27	50.30 2.64 0.00	43.54 2.24 -0.10	57.39 3.10 -0.23	45.98 2.69 -0.46	42.41 2.47 0.00

CHESTROR_138KV_BK263 355645	60.86 2.49 -0.56	44.31 1.49 -3.19	37.33 1.25 0.00	41.12 1.24 0.00	43.77 1.29 0.00	48.97 1.68 0.00	52.16 1.94 -0.30	72.35 2.25 -3.00	59.55 1.92 -1.74	61.28 2.33 -1.02	36.29 1.25 -0.53	48.97 2.06 -0.13	241.13 10.33 -0.37	55.49 2.17 -5.41	49.71 2.32 -4.78	39.21 1.79 -0.42	51.72 2.33 -3.02	72.73 3.26 -5.39	51.17 2.21 -0.31	49.56 1.90 0.00	43.25 1.63 -0.42	56.67 2.35 -0.25	45.31 1.96 -0.51	41.74 1.80 0.00
CH_MIDHUDSON___DRP 24192	60.70 2.88 0.00	41.40 1.76 0.00	37.64 1.56 0.00	41.46 1.58 0.00	44.13 1.66 0.00	49.36 2.07 0.00	52.29 2.37 0.00	69.97 2.87 0.00	58.36 2.47 0.00	60.78 2.85 0.00	36.07 1.55 0.00	49.37 2.48 -0.11	243.08 12.56 -0.09	55.25 2.60 -4.75	49.51 2.70 -4.19	39.13 2.13 0.00	49.10 2.73 0.00	69.05 3.82 -1.15	51.58 2.67 -0.27	50.04 2.37 0.00	43.28 1.97 -0.10	57.14 2.86 -0.22	45.65 2.37 -0.45	42.05 2.11 0.00
CH_MISC_IPPS 23765	61.02 3.20 0.00	41.61 1.97 0.00	37.80 1.72 0.00	41.63 1.76 0.00	44.32 1.85 0.00	49.58 2.29 0.00	52.54 2.62 0.00	70.33 3.23 0.00	58.65 2.76 0.00	61.10 3.16 0.00	36.24 1.73 0.00	49.62 2.73 -0.12	244.30 13.78 -0.10	55.67 2.90 -4.87	49.89 2.97 -4.30	39.35 2.35 0.00	49.41 3.04 0.00	69.53 4.27 -1.18	51.89 2.97 -0.28	50.32 2.66 0.00	43.55 2.25 -0.10	57.49 3.19 -0.23	45.92 2.62 -0.46	42.29 2.35 0.00
CH_RES_BVR_FALLS 23983	57.54 -0.27 0.00	39.45 -0.18 0.00	35.92 -0.16 0.00	39.74 -0.14 0.00	42.34 -0.13 0.00	47.10 -0.19 0.00	49.73 -0.19 0.00	66.91 -0.19 0.00	55.71 -0.18 0.00	57.70 -0.23 0.00	34.41 -0.11 0.00	46.63 -0.14 0.00	229.77 -0.67 0.00	47.76 -0.15 0.00	42.45 -0.16 0.00	36.92 -0.08 0.00	46.24 -0.14 0.00	63.89 -0.19 0.00	48.56 -0.09 0.00	47.59 -0.07 0.00	41.13 -0.07 0.00	53.73 -0.33 0.00	42.57 -0.26 0.00	39.65 -0.29 0.00
CH_RES_NIAGARA 23895	48.65 -5.33 3.84	14.27 -3.41 21.96	32.90 -3.18 0.00	36.48 -3.39 0.00	38.93 -3.54 0.00	43.49 -3.80 0.00	43.16 -4.53 2.24	38.64 -5.90 22.56	36.23 -5.10 14.55	40.85 -5.87 11.21	24.93 -3.23 6.35	39.40 -4.85 2.53	134.96 -25.75 69.72	23.93 -4.72 19.26	21.52 -4.07 17.02	30.41 -3.47 3.13	20.31 -4.17 21.89	20.84 -5.37 37.87	42.90 -4.74 1.00	41.26 -5.18 1.22	28.65 -3.91 8.64	39.47 -3.10 11.49	36.52 -3.79 2.53	37.27 -2.67 0.00
CH_RES_SYRACUSE 23985	56.88 -0.24 0.70	35.42 -0.21 4.00	35.89 -0.19 0.00	39.65 -0.23 0.00	42.22 -0.26 0.00	46.99 -0.30 0.00	49.11 -0.35 0.46	61.51 -0.98 4.61	52.07 -0.78 3.04	55.07 -0.83 2.04	32.62 -0.55 1.35	45.38 -0.75 0.64	216.21 -3.82 10.40	39.27 -0.88 7.76	34.83 -0.92 6.86	35.51 -0.85 0.64	41.12 -1.02 4.23	56.43 -1.06 6.59	47.53 -0.76 0.36	47.04 -0.62 0.00	40.27 -0.42 0.51	53.55 -0.22 0.30	41.79 -0.45 0.60	39.70 -0.24 0.00
CLINTON_WT_PWR 323605	57.23 -0.59 0.00	39.34 -0.29 0.00	35.86 -0.22 0.00	39.72 -0.16 0.00	42.37 -0.11 0.00	47.15 -0.14 0.00	49.75 -0.17 0.00	67.09 -0.01 0.00	55.81 -0.08 0.00	57.61 -0.32 0.00	34.38 -0.13 0.00	46.58 -0.19 0.00	229.43 -1.01 0.00	47.68 -0.22 0.00	42.10 -0.51 0.00	36.73 -0.27 0.00	46.07 -0.31 0.00	63.69 -0.40 0.00	48.54 -0.10 0.00	47.62 -0.04 0.00	41.29 0.08 0.00	53.59 -0.48 0.00	42.31 -0.53 0.00	39.21 -0.73 0.00
CLINTON___LFGE 323618	57.99 0.18 0.00	39.87 0.23 0.00	36.35 0.27 0.00	40.24 0.37 0.00	42.92 0.44 0.00	47.76 0.47 0.00	50.41 0.49 0.00	67.79 0.69 0.00	56.28 0.39 0.00	58.06 0.12 0.00	34.67 0.16 0.00	46.95 0.18 0.00	231.02 0.59 0.00	48.05 0.14 0.00	42.40 -0.21 0.00	37.02 0.02 0.00	46.40 0.02 0.00	64.20 0.12 0.00	49.01 0.36 0.00	48.16 0.51 0.00	41.83 0.63 0.00	54.45 0.39 0.00	42.85 0.02 0.00	39.63 -0.31 0.00
COBBLENY_34_KV_TB1 80064	49.20 -3.95 4.66	10.32 -2.64 26.68	33.66 -2.42 0.00	37.32 -2.55 0.00	39.78 -2.69 0.00	44.43 -2.86 0.00	43.86 -3.37 2.69	35.30 -4.68 27.12	34.34 -4.03 17.52	39.72 -4.67 13.54	24.30 -2.60 7.63	39.95 -3.80 3.02	125.06 -20.88 84.49	21.51 -4.00 22.40	19.42 -3.39 19.80	30.33 -2.90 3.77	16.35 -3.51 26.51	13.81 -4.42 45.86	43.72 -3.74 1.19	42.38 -3.99 1.29	28.53 -2.99 9.68	39.90 -1.88 12.27	36.86 -3.08 2.88	37.90 -2.04 0.00
COFFEEN___115KV_TB3 355620	55.49 -2.33 0.00	37.73 -1.91 0.00	34.33 -1.76 0.00	38.14 -1.74 0.00	40.83 -1.65 0.00	45.46 -1.83 0.00	47.83 -2.09 0.00	62.67 -4.43 0.00	51.74 -4.15 0.00	54.11 -3.82 0.00	32.32 -2.19 0.00	43.80 -2.87 0.10	216.50 -13.85 0.08	40.37 -3.45 4.09	35.70 -3.30 3.61	34.61 -2.39 0.00	43.41 -2.96 0.00	60.10 -3.98 0.00	46.13 -2.52 0.00	45.97 -1.69 0.00	39.76 -1.45 0.00	51.17 -2.89 0.00	40.45 -2.38 0.00	37.93 -2.02 0.00
COLDSPRG_115KV_BK1 355956	50.52 -2.23 5.07	8.93 -1.68 29.02	34.60 -1.48 0.00	38.43 -1.44 0.00	40.97 -1.50 0.00	45.69 -1.60 0.00	45.21 -1.79 2.91	34.97 -2.73 29.41	34.44 -2.46 18.99	40.29 -2.90 14.74	24.58 -1.68 8.26	41.19 -2.32 3.27	124.50 -13.38 92.55	21.16 -2.72 24.02	18.92 -2.46 21.23	30.67 -2.24 4.09	14.85 -2.73 28.80	10.78 -3.46 49.84	44.54 -2.83 1.28	43.84 -3.10 0.72	31.38 -2.26 7.57	46.02 -0.72 7.32	37.78 -2.41 2.64	38.53 -1.41 0.00
COLONIE_LFGE___ 323577	59.89 2.08 0.00	41.00 1.37 0.00	37.34 1.26 0.00	41.25 1.38 0.00	43.91 1.43 0.00	48.90 1.61 0.00	51.66 1.74 0.00	69.24 2.14 0.00	57.71 1.82 0.00	59.94 2.01 0.00	35.71 1.20 0.00	48.25 1.47 0.00	237.79 7.36 0.00	49.50 1.60 0.00	44.08 1.47 0.00	38.32 1.32 0.00	48.09 1.72 0.00	66.25 2.17 0.00	50.10 1.46 0.00	49.13 1.47 0.00	42.29 1.09 0.00	56.10 2.04 0.00	44.37 1.54 0.00	41.08 1.14 0.00
COOPERNY_115KV_TB1 80082	60.80 2.22 -0.76	45.33 1.33 -4.37	37.20 1.12 0.00	40.98 1.11 0.00	43.61 1.14 0.00	48.79 1.50 0.00	52.05 1.71 -0.42	73.32 1.97 -4.25	60.05 1.70 -2.46	61.42 2.05 -1.44	36.47 1.09 -0.87	48.74 1.79 -0.17	239.99 9.04 -0.51	56.99 1.90 -7.19	50.99 2.02 -6.35	39.13 1.53 -0.59	52.65 2.00 -4.28	75.53 2.83 -8.62	50.99 1.94 -0.41	49.33 1.67 0.00	43.38 1.42 -0.76	56.44 2.05 -0.34	45.25 1.73 -0.68	41.52 1.57 0.00
COPENHAGEN_WT_PWR 323753	55.12 -2.69 0.00	37.43 -2.20 0.00	34.06 -2.03 0.00	37.88 -2.00 0.00	40.57 -1.91 0.00	45.19 -2.10 0.00	47.52 -2.40 0.00	62.27 -4.83 0.00	51.62 -4.27 0.00	54.07 -3.87 0.00	32.34 -2.17 0.00	43.85 -2.82 0.10	216.76 -13.59 0.08	40.27 -3.43 4.21	35.41 -3.47 3.72	34.64 -2.36 0.00	43.49 -2.89 0.00	60.11 -3.97 0.00	45.95 -2.69 0.00	45.70 -1.96 0.00	39.41 -1.79 0.00	50.55 -3.51 0.00	39.98 -2.85 0.00	37.54 -2.40 0.00
CORNELL_____ 23752	56.71 1.01 2.12	28.13 0.60 12.10	36.58 0.50 0.00	40.39 0.52 0.00	43.02 0.54 0.00	47.93 0.64 0.00	49.39 0.68 1.21	55.39 0.52 12.23	48.12 0.47 8.24	60.22 0.44 -1.84	30.95 0.19 3.76	45.17 0.16 1.76	311.25 0.34 -80.48	30.90 0.02 17.02	27.52 -0.05 15.04	35.20 -0.08 1.72	34.41 -0.12 11.84	41.70 -0.02 22.37	47.99 0.26 0.91	48.69 0.46 -0.57	47.25 0.60 -5.45	59.46 1.24 -4.15	42.17 0.47 1.13	40.51 0.56 0.00

CORONA__69_KV_TB1 355595	66.76 3.65 -5.29	55.32 2.35 -13.34	38.19 2.10 -0.02	42.00 2.12 0.00	44.67 2.20 0.00	50.04 2.75 0.00	53.08 3.14 -0.03	70.86 3.76 0.00	69.33 3.25 -10.19	70.81 3.63 -9.24	47.22 1.95 -10.76	49.94 3.05 -0.12	246.77 13.51 -2.84	59.42 3.13 -8.38	72.73 3.43 -26.70	72.41 2.64 -32.77	54.57 3.35 -4.85	71.60 4.47 -3.04	65.67 3.15 -13.87	50.31 2.65 0.00	43.64 2.34 -0.10	57.07 2.78 -0.23	82.75 2.73 -37.19	55.10 2.75 -12.40
CORTLAND__115KV_TB3 80093	58.46 0.65 0.00	39.99 0.35 0.00	36.37 0.29 0.00	40.17 0.29 0.00	42.78 0.30 0.00	47.65 0.37 0.00	50.30 0.38 0.00	67.22 0.12 0.00	56.01 0.12 0.00	60.06 0.13 -1.99	34.53 0.02 0.00	46.61 0.05 0.21	260.03 0.04 -29.56	38.97 -0.10 8.84	34.68 -0.12 7.81	36.85 -0.15 0.00	46.22 -0.15 0.00	62.26 -0.01 1.82	48.30 0.12 0.46	47.89 0.23 0.00	42.66 0.28 -1.18	54.45 0.76 0.38	42.29 0.23 0.77	40.30 0.36 0.00
COXSACKIE__GT 23611	61.15 3.33 0.00	41.93 2.30 0.00	38.14 2.06 0.00	42.05 2.18 0.00	44.78 2.31 0.00	49.90 2.61 0.00	52.84 2.92 0.00	71.19 4.09 0.00	59.65 3.76 0.00	61.99 4.06 0.00	36.89 2.38 0.00	49.81 2.94 -0.09	238.73 8.23 -0.08	53.75 1.94 -3.91	48.99 2.93 -3.45	39.46 2.46 0.00	49.45 3.07 0.00	69.08 4.05 -0.95	51.64 2.78 -0.22	50.46 2.80 0.00	43.86 2.58 -0.08	58.10 3.85 -0.18	46.06 2.86 -0.37	42.31 2.37 0.00
CPV_VALLEY__CC1 323721	60.51 2.10 -0.60	44.31 1.24 -3.44	37.12 1.04 0.00	40.88 1.00 0.00	43.50 1.03 0.00	48.67 1.39 0.00	51.85 1.61 -0.32	72.16 1.85 -3.22	59.34 1.59 -1.86	60.97 1.95 -1.09	36.20 1.03 -0.66	48.66 1.74 -0.14	239.76 8.94 -0.40	55.60 1.89 -5.80	49.77 2.03 -5.12	38.98 1.54 -0.45	51.61 2.00 -3.24	72.72 2.85 -5.78	50.86 1.88 -0.33	49.23 1.57 0.00	42.99 1.34 -0.45	56.31 1.98 -0.27	45.07 1.68 -0.55	41.46 1.52 0.00
CPV_VALLEY__CC2 323722	60.51 2.10 -0.60	44.31 1.24 -3.44	37.12 1.04 0.00	40.88 1.00 0.00	43.50 1.03 0.00	48.67 1.39 0.00	51.85 1.61 -0.32	72.16 1.85 -3.22	59.34 1.59 -1.86	60.97 1.95 -1.09	36.20 1.03 -0.66	48.66 1.74 -0.14	239.76 8.94 -0.40	55.60 1.89 -5.80	49.77 2.03 -5.12	38.98 1.54 -0.45	51.61 2.00 -3.24	72.72 2.85 -5.78	50.86 1.88 -0.33	49.23 1.57 0.00	42.99 1.34 -0.45	56.31 1.98 -0.27	45.07 1.68 -0.55	41.46 1.52 0.00
CRESCENT__HYD 24018	59.89 2.08 0.00	41.00 1.37 0.00	37.34 1.26 0.00	41.25 1.38 0.00	43.91 1.43 0.00	48.90 1.61 0.00	51.66 1.74 0.00	69.24 2.14 0.00	57.71 1.82 0.00	59.94 2.01 0.00	35.71 1.20 0.00	48.25 1.47 0.00	237.79 7.36 0.00	49.50 1.60 0.00	44.08 1.47 0.00	38.32 1.32 0.00	48.09 1.72 0.00	66.25 2.17 0.00	50.10 1.46 0.00	49.13 1.47 0.00	42.29 1.09 0.00	56.10 2.04 0.00	44.37 1.54 0.00	41.08 1.14 0.00
CRICKET__VALLEY_CC1 323756	60.24 2.42 0.00	41.08 1.44 0.00	37.34 1.26 0.00	41.13 1.26 0.00	43.79 1.32 0.00	49.01 1.72 0.00	51.92 2.00 0.00	69.45 2.35 0.00	57.91 2.02 0.00	60.26 2.33 0.00	35.86 1.35 0.00	48.97 2.08 -0.11	241.20 10.68 -0.09	54.70 2.21 -4.58	49.00 2.34 -4.04	38.82 1.81 0.00	48.75 2.38 0.00	68.62 3.43 -1.11	51.24 2.34 -0.26	49.70 2.04 0.00	42.90 1.60 -0.10	56.65 2.37 -0.21	45.32 2.05 -0.43	41.75 1.81 0.00
CRICKET__VALLEY_CC2 323757	60.24 2.42 0.00	41.08 1.44 0.00	37.34 1.26 0.00	41.13 1.26 0.00	43.79 1.32 0.00	49.01 1.72 0.00	51.92 2.00 0.00	69.45 2.35 0.00	57.91 2.02 0.00	60.26 2.33 0.00	35.86 1.35 0.00	48.97 2.08 -0.11	241.20 10.68 -0.09	54.70 2.21 -4.58	49.00 2.34 -4.04	38.82 1.81 0.00	48.75 2.38 0.00	68.62 3.43 -1.11	51.24 2.34 -0.26	49.70 2.04 0.00	42.90 1.60 -0.10	56.65 2.37 -0.21	45.32 2.05 -0.43	41.75 1.81 0.00
CRICKET__VALLEY_CC3 323758	60.24 2.42 0.00	41.08 1.44 0.00	37.34 1.26 0.00	41.13 1.26 0.00	43.79 1.32 0.00	49.01 1.72 0.00	51.92 2.00 0.00	69.45 2.35 0.00	57.91 2.02 0.00	60.26 2.33 0.00	35.86 1.35 0.00	48.97 2.08 -0.11	241.20 10.68 -0.09	54.70 2.21 -4.58	49.00 2.34 -4.04	38.82 1.81 0.00	48.75 2.38 0.00	68.62 3.43 -1.11	51.24 2.34 -0.26	49.70 2.04 0.00	42.90 1.60 -0.10	56.65 2.37 -0.21	45.32 2.05 -0.43	41.75 1.81 0.00
CRUCIBLE__METL_DRP 24180	56.88 -0.24 0.70	35.43 -0.20 4.00	35.89 -0.19 0.00	39.65 -0.23 0.00	42.22 -0.26 0.00	46.99 -0.30 0.00	49.11 -0.35 0.46	61.53 -0.96 4.61	52.09 -0.76 3.04	55.06 -0.84 2.04	32.62 -0.54 1.35	45.38 -0.75 0.64	216.06 -3.98 10.40	39.28 -0.86 7.76	34.85 -0.90 6.86	35.51 -0.84 0.64	41.14 -1.00 4.23	56.45 -1.04 6.59	47.53 -0.76 0.36	47.04 -0.62 0.00	40.27 -0.42 0.51	53.54 -0.22 0.30	41.79 -0.45 0.60	39.70 -0.24 0.00
DAHOWA__HYDRO 323763	60.66 2.84 0.00	41.40 1.77 0.00	37.78 1.69 0.00	41.81 1.94 0.00	44.53 2.05 0.00	49.61 2.32 0.00	52.36 2.44 0.00	69.98 2.88 0.00	58.46 2.57 0.00	60.72 2.79 0.00	36.18 1.67 0.00	48.86 2.09 0.00	241.21 10.78 0.00	50.16 2.25 0.00	44.74 2.13 0.00	38.93 1.93 0.00	48.87 2.49 0.00	67.20 3.12 0.00	50.83 2.18 0.00	49.98 2.32 0.00	42.96 1.75 0.00	56.91 2.85 0.00	44.91 2.08 0.00	41.61 1.67 0.00
DANC__LFGE 323619	55.79 -2.03 0.00	38.01 -1.62 0.00	34.60 -1.48 0.00	38.37 -1.51 0.00	40.98 -1.49 0.00	45.60 -1.69 0.00	47.98 -1.94 0.00	63.39 -3.71 0.00	52.65 -3.24 0.00	54.88 -3.06 0.00	32.78 -1.73 0.00	44.39 -2.27 0.12	219.14 -11.19 0.10	40.28 -2.72 4.91	35.62 -2.65 4.34	35.03 -1.98 0.00	43.93 -2.44 0.00	60.00 -3.17 0.91	46.19 -2.24 0.21	45.91 -1.75 0.00	39.57 -1.56 0.08	51.29 -2.60 0.18	40.35 -2.13 0.36	38.23 -1.71 0.00
DANSKAMMER__1 23586	61.02 3.20 0.00	41.61 1.97 0.00	37.80 1.72 0.00	41.63 1.76 0.00	44.32 1.85 0.00	49.58 2.29 0.00	52.54 2.62 0.00	70.33 3.23 0.00	58.65 2.76 0.00	61.10 3.16 0.00	36.24 1.73 0.00	49.62 2.73 -0.12	244.30 13.78 -0.10	55.67 2.90 -4.87	49.89 2.97 -4.30	39.35 2.35 0.00	49.41 3.04 0.00	69.53 4.27 -1.18	51.89 2.97 -0.28	50.32 2.66 0.00	43.55 2.25 -0.10	57.49 3.19 -0.23	45.92 2.62 -0.46	42.29 2.35 0.00
DANSKAMMER__2 23589	61.02 3.20 0.00	41.61 1.97 0.00	37.80 1.72 0.00	41.63 1.76 0.00	44.32 1.85 0.00	49.58 2.29 0.00	52.54 2.62 0.00	70.33 3.23 0.00	58.65 2.76 0.00	61.10 3.16 0.00	36.24 1.73 0.00	49.62 2.73 -0.12	244.30 13.78 -0.10	55.67 2.90 -4.87	49.89 2.97 -4.30	39.35 2.35 0.00	49.41 3.04 0.00	69.53 4.27 -1.18	51.89 2.97 -0.28	50.32 2.66 0.00	43.55 2.25 -0.10	57.49 3.19 -0.23	45.92 2.62 -0.46	42.29 2.35 0.00
DANSKAMMER__3 23590	61.02 3.20 0.00	41.61 1.97 0.00	37.80 1.72 0.00	41.63 1.76 0.00	44.32 1.85 0.00	49.58 2.29 0.00	52.54 2.62 0.00	70.33 3.23 0.00	58.65 2.76 0.00	61.10 3.16 0.00	36.24 1.73 0.00	49.62 2.73 -0.12	244.30 13.78 -0.10	55.67 2.90 -4.87	49.89 2.97 -4.30	39.35 2.35 0.00	49.41 3.04 0.00	69.53 4.27 -1.18	51.89 2.97 -0.28	50.32 2.66 0.00	43.55 2.25 -0.10	57.49 3.19 -0.23	45.92 2.62 -0.46	42.29 2.35 0.00

DANSKAMMER___4 23591	61.02 3.20 0.00	41.61 1.97 0.00	37.80 1.72 0.00	41.63 1.76 0.00	44.32 1.85 0.00	49.58 2.29 0.00	52.54 2.62 0.00	70.33 3.23 0.00	58.65 2.76 0.00	61.10 3.16 0.00	36.24 1.73 0.00	49.62 2.73 -0.12	244.30 13.78 -0.10	55.67 2.90 -4.87	49.89 2.97 -4.30	39.35 2.35 0.00	49.41 3.04 0.00	69.53 4.27 -1.18	51.89 2.97 -0.28	50.32 2.66 0.00	43.55 2.25 -0.10	57.49 3.19 -0.23	45.92 2.62 -0.46	42.29 2.35 0.00
DANSKAMMER___DIESEL 23592	61.01 3.20 0.00	41.60 1.96 0.00	37.80 1.72 0.00	41.63 1.76 0.00	44.32 1.85 0.00	49.56 2.27 0.00	52.54 2.62 0.00	70.30 3.20 0.00	58.64 2.75 0.00	61.08 3.15 0.00	36.24 1.72 0.00	49.63 2.74 -0.12	244.29 13.76 -0.10	55.65 2.88 -4.87	49.88 2.97 -4.30	39.35 2.35 0.00	49.39 3.02 0.00	69.47 4.20 -1.18	51.88 2.96 -0.28	50.32 2.65 0.00	43.56 2.25 -0.10	57.49 3.20 -0.23	45.92 2.62 -0.46	42.29 2.35 0.00
DARBY___SOLAR 323810	60.51 2.70 0.00	41.34 1.70 0.00	37.70 1.62 0.00	41.70 1.82 0.00	44.42 1.95 0.00	49.49 2.20 0.00	52.22 2.30 0.00	69.84 2.74 0.00	58.30 2.41 0.00	60.54 2.60 0.00	36.08 1.56 0.00	48.73 1.96 0.00	240.50 10.07 0.00	50.02 2.12 0.00	44.59 1.98 0.00	38.81 1.81 0.00	48.71 2.34 0.00	67.00 2.92 0.00	50.67 2.02 0.00	49.80 2.14 0.00	42.83 1.62 0.00	56.75 2.68 0.00	44.80 1.97 0.00	41.52 1.57 0.00
DASHVILLE___HYD 23610	60.58 2.77 0.00	41.34 1.71 0.00	37.57 1.49 0.00	41.39 1.52 0.00	44.07 1.59 0.00	49.27 1.98 0.00	52.18 2.26 0.00	69.85 2.75 0.00	58.26 2.37 0.00	60.72 2.78 0.00	36.02 1.51 0.00	49.30 2.41 -0.12	242.51 11.98 -0.09	55.25 2.52 -4.82	49.48 2.62 -4.26	39.05 2.05 0.00	49.01 2.64 0.00	68.94 3.69 -1.17	51.50 2.58 -0.27	49.94 2.28 0.00	43.22 1.92 -0.10	57.05 2.77 -0.23	45.58 2.29 -0.46	41.97 2.03 0.00
DELAWARE___LFGE 323621	61.13 1.73 -1.58	49.83 1.13 -9.06	37.04 0.96 0.00	40.86 0.98 0.00	43.49 1.02 0.00	48.58 1.30 0.00	54.25 2.88 -1.46	85.42 3.58 -14.75	68.55 3.01 -9.65	67.84 3.06 -6.85	40.52 1.76 -4.25	50.97 2.34 -1.86	279.41 10.90 -38.08	68.87 2.16 -18.80	61.22 1.99 -16.62	40.70 1.64 -2.06	63.49 2.31 -14.82	95.92 3.57 -28.27	52.81 3.09 -1.07	50.89 3.23 0.00	46.29 2.76 -2.33	58.58 3.63 -0.88	46.69 2.07 -1.79	41.97 2.02 0.00
DERFIELD_115KV_TB7 355931	58.09 0.28 0.00	39.79 0.16 0.00	36.22 0.14 0.00	40.00 0.12 0.00	42.60 0.13 0.00	47.43 0.14 0.00	50.08 0.16 0.00	67.36 0.26 0.00	56.12 0.23 0.00	58.21 0.28 0.00	34.68 0.17 0.00	46.99 0.22 0.00	231.51 1.08 0.00	48.13 0.22 0.00	42.86 0.25 0.00	37.19 0.18 0.00	46.58 0.21 0.00	64.24 0.16 0.00	48.73 0.08 0.00	47.74 0.08 0.00	41.25 0.04 0.00	54.26 0.20 0.00	42.97 0.14 0.00	40.07 0.13 0.00
DOGLEVILLE___HYD 23807	60.13 2.32 0.00	41.13 1.50 0.00	37.45 1.38 0.00	41.13 1.25 0.00	43.63 1.16 0.00	48.27 0.98 0.00	50.76 0.84 0.00	68.20 1.11 0.00	56.98 1.09 0.00	59.45 1.52 0.00	35.45 0.93 0.00	47.84 1.07 0.00	235.13 4.70 0.00	49.21 1.30 0.00	44.08 1.47 0.00	38.48 1.48 0.00	48.46 2.09 0.00	66.16 2.07 0.00	50.01 1.37 0.00	49.48 1.82 0.00	43.08 1.87 0.00	57.49 3.42 0.00	45.36 2.53 0.00	41.92 1.98 0.00
DUNKIRK___115KV_TB_200 55889	50.15 -3.01 4.65	10.78 -2.24 26.61	34.11 -1.98 0.00	37.87 -2.01 0.00	40.39 -2.08 0.00	45.00 -2.28 0.00	44.62 -2.62 2.68	36.02 -4.04 27.04	34.94 -3.47 17.48	40.37 -4.06 13.50	24.63 -2.28 7.61	40.69 -3.08 3.01	129.08 -17.22 84.13	22.03 -3.53 22.35	19.72 -3.14 19.75	30.57 -2.68 3.76	16.47 -3.47 26.44	14.10 -4.25 45.73	44.09 -3.38 1.18	42.34 -3.88 1.43	27.98 -2.94 10.28	39.13 -1.41 13.51	36.87 -2.99 2.98	38.08 -1.87 0.00
DUNKIRK___1 23563	50.15 -3.01 4.65	10.78 -2.24 26.61	34.11 -1.98 0.00	37.87 -2.01 0.00	40.39 -2.08 0.00	45.00 -2.28 0.00	44.62 -2.62 2.68	36.02 -4.04 27.04	34.94 -3.47 17.48	40.37 -4.06 13.50	24.63 -2.28 7.61	40.69 -3.08 3.01	129.08 -17.22 84.13	22.03 -3.53 22.35	19.72 -3.14 19.75	30.57 -2.68 3.76	16.47 -3.47 26.44	14.10 -4.25 45.73	44.09 -3.38 1.18	42.34 -3.88 1.43	27.98 -2.94 10.28	39.13 -1.41 13.51	36.87 -2.99 2.98	38.08 -1.87 0.00
DUNKIRK___2 23564	50.15 -3.01 4.65	10.78 -2.24 26.61	34.11 -1.98 0.00	37.87 -2.01 0.00	40.39 -2.08 0.00	45.00 -2.28 0.00	44.62 -2.62 2.68	36.02 -4.04 27.04	34.94 -3.47 17.48	40.37 -4.06 13.50	24.63 -2.28 7.61	40.69 -3.08 3.01	129.08 -17.22 84.13	22.03 -3.53 22.35	19.72 -3.14 19.75	30.57 -2.68 3.76	16.47 -3.47 26.44	14.10 -4.25 45.73	44.09 -3.38 1.18	42.34 -3.88 1.43	27.98 -2.94 10.28	39.13 -1.41 13.51	36.87 -2.99 2.98	38.08 -1.87 0.00
DUNKIRK___3 23565	49.89 -3.31 4.62	10.84 -2.38 26.42	33.96 -2.13 0.00	37.69 -2.19 0.00	40.18 -2.30 0.00	44.81 -2.48 0.00	44.41 -2.85 2.66	36.00 -4.25 26.85	34.86 -3.67 17.36	40.29 -4.25 13.39	24.57 -2.39 7.55	40.50 -3.29 2.99	128.91 -18.20 83.32	22.05 -3.66 22.20	19.82 -3.17 19.62	30.57 -2.69 3.73	16.71 -3.41 26.25	14.45 -4.23 45.40	44.00 -3.47 1.17	42.21 -3.90 1.55	27.50 -2.95 10.75	38.00 -1.52 14.53	36.79 -3.01 3.04	38.02 -1.92 0.00
DUNKIRK___4 23566	49.89 -3.31 4.62	10.84 -2.38 26.42	33.96 -2.13 0.00	37.69 -2.19 0.00	40.18 -2.30 0.00	44.81 -2.48 0.00	44.41 -2.85 2.66	36.00 -4.25 26.85	34.86 -3.67 17.36	40.29 -4.25 13.39	24.57 -2.39 7.55	40.50 -3.29 2.99	128.91 -18.20 83.32	22.05 -3.66 22.20	19.82 -3.17 19.62	30.57 -2.69 3.73	16.71 -3.41 26.25	14.45 -4.23 45.40	44.00 -3.47 1.17	42.21 -3.90 1.55	27.50 -2.95 10.75	38.00 -1.52 14.53	36.79 -3.01 3.04	38.02 -1.92 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	60.86 3.05 0.00	41.49 1.85 0.00	37.72 1.64 0.00	41.50 1.63 0.00	44.17 1.69 0.00	49.46 2.17 0.00	52.41 2.49 0.00	70.06 2.96 0.00	58.48 2.59 0.00	61.00 3.07 0.00	36.08 1.57 0.00	49.60 2.71 -0.12	244.27 13.74 -0.09	55.62 2.86 -4.85	49.89 2.99 -4.29	39.29 2.29 0.00	49.28 2.91 0.00	69.36 4.09 -1.18	51.76 2.84 -0.27	50.09 2.43 0.00	43.36 2.06 -0.10	57.20 2.91 -0.23	45.78 2.48 -0.46	42.23 2.29 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	61.32 2.99 -0.52	44.45 1.81 -3.00	37.65 1.57 0.00	41.46 1.58 0.00	44.13 1.65 0.00	49.37 2.08 0.00	52.32 2.40 0.00	70.00 2.90 0.00	58.38 2.49 0.00	60.81 2.88 0.00	36.08 1.56 0.00	49.42 2.52 -0.12	243.14 12.61 -0.10	55.61 2.64 -5.06	49.84 2.76 -4.47	39.17 2.17 0.00	49.17 2.80 0.00	69.18 3.86 -1.23	51.66 2.73 -0.29	50.08 2.42 0.00	43.37 2.06 -0.11	57.26 2.97 -0.24	45.74 2.43 -0.48	42.12 2.18 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	60.81 3.00 0.00	41.47 1.83 0.00	37.70 1.62 0.00	41.55 1.68 0.00	44.25 1.77 0.00	49.57 2.28 0.00	52.54 2.63 0.00	70.24 3.14 0.00	58.45 2.56 0.00	60.91 2.97 0.00	35.90 1.38 0.00	49.49 2.60 -0.12	243.69 13.17 -0.09	55.55 2.79 -4.85	49.81 2.91 -4.29	39.16 2.16 0.00	49.05 2.68 0.00	69.23 3.97 -1.18	51.60 2.67 -0.27	49.84 2.18 0.00	43.18 1.87 -0.10	56.90 2.61 -0.23	45.59 2.30 -0.46	42.10 2.15 0.00

E179THST_13_KV_LOAD 356214	61.03 3.22 0.00	41.61 1.97 0.00	37.83 1.75 0.00	41.69 1.81 0.00	44.38 1.91 0.00	49.74 2.45 0.00	52.72 2.80 0.00	70.46 3.36 0.00	58.66 2.77 0.00	61.14 3.21 0.00	36.03 1.52 0.00	49.68 2.79 -0.12	244.80 14.28 -0.09	55.75 2.99 -4.85	49.99 3.09 -4.29	39.32 2.32 0.00	49.26 2.89 0.00	69.52 4.26 -1.18	51.81 2.89 -0.27	50.04 2.38 0.00	43.35 2.05 -0.10	57.13 2.84 -0.23	45.77 2.48 -0.46	42.26 2.32 0.00
EAST HAMPTON___GT 23717	63.92 3.53 -2.58	49.20 3.07 -6.49	39.31 3.22 -0.01	43.04 3.16 0.00	45.45 2.98 0.00	50.73 3.44 0.00	54.28 4.35 -0.01	71.22 4.12 0.00	64.54 3.70 -4.96	66.09 3.66 -4.50	41.37 1.62 -5.23	49.58 2.69 -0.12	232.79 0.93 -1.43	55.06 0.58 -6.57	60.11 2.31 -15.19	54.79 1.85 -15.94	51.30 2.57 -2.36	69.79 3.63 -2.09	57.87 2.34 -6.89	49.21 1.56 0.00	43.16 1.85 -0.10	55.04 0.75 -0.23	62.13 0.97 -18.32	47.69 1.71 -6.03
EAST RIVER___6 23660	61.18 3.36 0.00	41.68 2.05 0.00	37.87 1.79 0.00	41.68 1.80 0.00	44.32 1.85 0.00	49.68 2.40 0.00	52.66 2.74 0.00	70.45 3.35 0.00	58.75 2.86 0.00	61.27 3.33 0.00	36.11 1.60 0.00	49.87 2.98 -0.12	245.55 15.03 -0.09	55.96 3.20 -4.85	50.16 3.26 -4.29	39.45 2.45 0.00	49.50 3.12 0.00	69.74 4.47 -1.18	52.00 3.08 -0.27	50.28 2.62 0.00	43.52 2.22 -0.10	57.34 3.05 -0.23	45.96 2.66 -0.46	42.38 2.44 0.00
EAST RIVER___7 23524	61.18 3.36 0.00	41.68 2.05 0.00	37.87 1.79 0.00	41.68 1.80 0.00	44.32 1.85 0.00	49.68 2.40 0.00	52.66 2.74 0.00	70.45 3.35 0.00	58.75 2.86 0.00	61.27 3.33 0.00	36.11 1.60 0.00	49.87 2.98 -0.12	245.55 15.03 -0.09	55.96 3.20 -4.85	50.16 3.26 -4.29	39.45 2.45 0.00	49.50 3.12 0.00	69.74 4.47 -1.18	52.00 3.08 -0.27	50.28 2.62 0.00	43.52 2.22 -0.10	57.34 3.05 -0.23	45.96 2.66 -0.46	42.38 2.44 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	60.77 2.95 0.00	41.42 1.79 0.00	37.67 1.59 0.00	41.47 1.60 0.00	44.13 1.66 0.00	49.41 2.12 0.00	52.37 2.45 0.00	70.00 2.90 0.00	58.41 2.52 0.00	60.91 2.97 0.00	36.05 1.53 0.00	49.52 2.63 -0.12	243.82 13.30 -0.09	55.53 2.76 -4.86	49.81 2.90 -4.30	39.21 2.21 0.00	49.20 2.83 0.00	69.23 3.97 -1.18	51.68 2.76 -0.28	50.02 2.35 0.00	43.30 2.00 -0.10	57.11 2.81 -0.23	45.71 2.41 -0.46	42.16 2.22 0.00
EAST_HAMPTON___DIESEL 23722	63.85 3.46 -2.58	49.18 3.06 -6.49	39.31 3.22 -0.01	43.03 3.16 0.00	45.43 2.96 0.00	50.71 3.42 0.00	54.26 4.33 -0.01	71.16 4.06 0.00	64.51 3.66 -4.96	66.03 3.60 -4.50	41.31 1.57 -5.23	49.53 2.64 -0.12	232.36 0.50 -1.43	54.97 0.49 -6.57	60.03 2.22 -15.19	54.72 1.78 -15.94	51.21 2.48 -2.36	69.68 3.51 -2.09	57.79 2.25 -6.89	49.14 1.48 0.00	43.10 1.79 -0.10	54.93 0.64 -0.23	62.04 0.88 -18.32	47.60 1.63 -6.03
EAST_POINT___SOLAR 323840	61.21 3.40 0.00	41.88 2.24 0.00	38.04 1.96 0.00	41.99 2.11 0.00	44.68 2.20 0.00	49.79 2.50 0.00	53.09 2.81 -0.36	74.61 3.87 -3.65	61.26 3.26 -2.11	62.29 3.12 -1.24	37.00 1.74 -0.75	49.15 2.24 -0.13	239.35 8.49 -0.42	54.79 1.48 -5.40	49.07 1.69 -4.77	39.41 1.90 -0.51	52.54 2.50 -3.67	72.99 2.67 -6.24	51.33 2.38 -0.31	50.68 3.03 0.00	44.29 2.60 -0.48	57.56 3.25 -0.25	45.62 2.27 -0.51	42.09 2.14 0.00
EAST_PULASKI___ESR 323781	56.56 -1.25 0.00	38.66 -0.97 0.00	35.20 -0.88 0.00	38.92 -0.95 0.00	41.47 -1.01 0.00	46.09 -1.20 0.00	48.59 -1.33 0.00	64.68 -2.42 0.00	53.83 -2.06 0.00	55.84 -2.10 0.00	33.33 -1.19 0.00	45.01 -1.63 0.13	221.95 -8.37 0.11	40.45 -1.92 5.54	35.95 -1.77 4.89	35.49 -1.51 0.00	44.44 -1.93 0.00	60.77 -2.29 1.03	46.72 -1.68 0.24	46.24 -1.42 0.00	39.89 -1.22 0.09	52.30 -1.56 0.20	41.08 -1.35 0.40	38.97 -0.97 0.00
EAST_RIVER___1 323558	61.04 3.22 0.00	41.59 1.96 0.00	37.80 1.72 0.00	41.59 1.72 0.00	44.26 1.78 0.00	49.60 2.31 0.00	52.56 2.64 0.00	70.29 3.19 0.00	58.63 2.74 0.00	61.13 3.20 0.00	36.04 1.52 0.00	49.75 2.86 -0.12	245.03 14.50 -0.09	55.83 3.06 -4.85	50.06 3.16 -4.29	39.34 2.34 0.00	49.37 3.00 0.00	69.57 4.31 -1.18	51.87 2.95 -0.27	50.16 2.50 0.00	43.42 2.11 -0.10	57.22 2.93 -0.23	45.87 2.57 -0.46	42.29 2.35 0.00
EAST_RIVER___2 323559	61.18 3.36 0.00	41.68 2.05 0.00	37.87 1.79 0.00	41.68 1.80 0.00	44.32 1.85 0.00	49.68 2.40 0.00	52.66 2.74 0.00	70.45 3.35 0.00	58.75 2.86 0.00	61.27 3.33 0.00	36.11 1.60 0.00	49.87 2.98 -0.12	245.55 15.03 -0.09	55.96 3.20 -4.85	50.16 3.26 -4.29	39.45 2.45 0.00	49.50 3.12 0.00	69.74 4.47 -1.18	52.00 3.08 -0.27	50.28 2.62 0.00	43.52 2.22 -0.10	57.34 3.05 -0.23	45.96 2.66 -0.46	42.38 2.44 0.00
EAST___DELAWARE_HYD 23607	60.83 2.38 -0.64	44.67 1.40 -3.64	37.24 1.16 0.00	41.01 1.13 0.00	43.67 1.20 0.00	48.88 1.59 0.00	52.15 1.87 -0.35	72.88 2.23 -3.55	59.90 1.96 -2.06	61.44 2.30 -1.20	36.46 1.22 -0.72	48.80 1.88 -0.14	235.59 4.73 -0.43	54.90 0.99 -6.00	49.17 1.26 -5.31	38.33 0.83 -0.50	51.09 1.14 -3.58	72.20 1.83 -6.28	51.18 2.19 -0.34	49.68 2.02 0.00	43.40 1.71 -0.49	56.79 2.45 -0.28	45.39 1.98 -0.57	41.68 1.74 0.00
EIGHT_POINT___WT_PWR 323820	49.25 -2.07 6.49	0.68 -1.79 37.17	34.49 -1.59 0.00	38.29 -1.58 0.00	40.91 -1.57 0.00	45.58 -1.71 0.00	44.01 -2.21 3.70	25.84 -3.86 37.40	27.98 -3.20 24.71	33.71 -3.68 20.55	21.33 -2.18 11.00	39.56 -2.71 4.50	71.39 -15.39 143.65	11.62 -3.63 32.66	10.75 -3.00 28.86	29.05 -2.71 5.24	5.55 -4.08 36.75	-6.84 -5.76 65.16	43.15 -3.74 1.75	49.28 -3.68 -5.30	54.70 -3.07 -16.57	96.64 -2.33 -44.91	40.19 -3.39 -0.74	37.14 -2.80 0.00
ELBRIDGE_115KV_TB2 80188	56.46 -0.52 0.83	34.51 -0.38 4.75	35.73 -0.35 0.00	39.49 -0.39 0.00	42.05 -0.42 0.00	46.80 -0.49 0.00	48.82 -0.57 0.53	60.49 -1.26 5.35	51.37 -0.99 3.53	54.49 -1.08 2.36	32.25 -0.70 1.57	45.02 -1.02 0.74	213.23 -5.13 12.07	38.35 -1.10 8.46	34.00 -1.13 7.47	35.25 -1.01 0.75	40.20 -1.21 4.96	53.80 -1.36 8.92	47.24 -1.01 0.40	46.77 -0.89 0.00	39.99 -0.61 0.60	53.30 -0.44 0.33	41.54 -0.63 0.67	39.53 -0.41 0.00
ELEC_TRO_TEK 24086	65.68 3.41 -4.45	53.06 2.19 -11.23	38.08 1.98 -0.02	41.86 1.99 0.00	44.52 2.04 0.00	49.87 2.58 0.00	52.90 2.96 -0.02	70.62 3.52 0.00	67.52 3.05 -8.58	69.13 3.42 -7.78	45.41 1.84 -9.06	49.77 2.87 -0.12	245.24 12.41 -2.40	58.65 2.92 -7.82	69.02 3.25 -23.15	67.08 2.50 -27.58	53.63 3.18 -4.08	71.04 4.21 -2.75	63.32 2.95 -11.72	50.10 2.44 0.00	43.46 2.15 -0.10	56.59 2.52 -0.01	76.76 2.55 -31.37	52.95 2.57 -10.44
ELLENBURG_WT_PWR 323604	57.23 -0.59 0.00	39.34 -0.29 0.00	35.86 -0.22 0.00	39.72 -0.16 0.00	42.37 -0.11 0.00	47.15 -0.14 0.00	49.75 -0.17 0.00	67.09 -0.01 0.00	55.81 -0.08 0.00	57.61 -0.32 0.00	34.38 -0.13 0.00	46.58 -0.19 0.00	229.43 -1.01 0.00	47.68 -0.22 0.00	42.10 -0.51 0.00	36.73 -0.27 0.00	46.07 -0.31 0.00	63.69 -0.40 0.00	48.54 -0.10 0.00	47.62 -0.04 0.00	41.29 0.08 0.00	53.59 -0.48 0.00	42.31 -0.53 0.00	39.21 -0.73 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	49.48 -4.08 4.26	12.59 -2.69 24.35	33.60 -2.48 0.00	37.26 -2.61 0.00	39.73 -2.74 0.00	44.37 -2.91 0.00	43.97 -3.49 2.46	37.46 -4.82 24.82	35.68 -4.13 16.08	40.72 -4.80 12.41	24.84 -2.66 7.01	40.07 -3.92 2.78	131.80 -21.26 77.37	22.97 -4.04 20.90	20.69 -3.45 18.47	30.59 -2.95 3.46	18.57 -3.57 24.23	17.62 -4.52 41.94	43.70 -3.85 1.10	41.88 -4.12 1.67	27.15 -3.12 10.94	36.44 -2.15 15.46	36.69 -3.15 2.99	37.85 -2.10 0.00
EMPIRE_CC_1 323656	59.80 1.99 0.00	40.96 1.32 0.00	37.32 1.24 0.00	41.20 1.33 0.00	43.86 1.38 0.00	48.84 1.55 0.00	51.58 1.66 0.00	69.16 2.07 0.00	57.59 1.70 0.00	59.80 1.87 0.00	35.62 1.11 0.00	48.20 1.33 -0.09	237.21 6.70 -0.07	53.14 1.50 -3.74	47.29 1.37 -3.31	38.25 1.25 0.00	47.99 1.62 0.00	67.03 2.04 -0.91	50.19 1.34 -0.21	48.97 1.31 0.00	42.22 0.93 -0.08	56.16 1.92 -0.17	44.66 1.47 -0.35	41.01 1.07 0.00
EMPIRE_CC_2 323658	59.80 1.99 0.00	40.96 1.32 0.00	37.32 1.24 0.00	41.20 1.33 0.00	43.86 1.38 0.00	48.84 1.55 0.00	51.58 1.66 0.00	69.16 2.07 0.00	57.59 1.70 0.00	59.80 1.87 0.00	35.62 1.11 0.00	48.20 1.33 -0.09	237.21 6.70 -0.07	53.14 1.50 -3.74	47.29 1.37 -3.31	38.25 1.25 0.00	47.99 1.62 0.00	67.03 2.04 -0.91	50.19 1.34 -0.21	48.97 1.31 0.00	42.22 0.93 -0.08	56.16 1.92 -0.17	44.66 1.47 -0.35	41.01 1.07 0.00
ENORWICH_115KV_TB1 80156	62.58 3.82 -0.93	47.44 2.46 -5.35	38.07 1.99 0.00	41.79 1.92 0.00	44.57 2.09 0.00	49.70 2.41 0.00	53.11 2.53 -0.66	76.92 3.21 -6.61	62.82 2.67 -4.26	65.95 2.71 -5.30	37.92 1.57 -1.83	49.38 1.85 -0.75	288.53 7.74 -50.36	57.03 1.83 -7.29	50.81 1.76 -6.44	39.22 1.29 -0.92	54.98 1.82 -6.79	80.25 3.26 -12.91	52.05 2.97 -0.43	51.10 3.15 -0.29	47.77 2.80 -3.76	60.35 3.44 -2.85	45.41 1.65 -0.93	41.59 1.65 0.00
ERIE_ST__34_KV_TB1-2 80199	49.46 -3.86 4.49	11.39 -2.53 25.71	33.73 -2.35 0.00	37.40 -2.48 0.00	39.87 -2.60 0.00	44.50 -2.78 0.00	44.08 -3.25 2.59	36.55 -4.40 26.15	35.14 -3.85 16.90	40.38 -4.51 13.04	24.65 -2.50 7.36	40.19 -3.67 2.91	129.01 -20.33 81.09	22.35 -3.84 21.72	20.18 -3.24 19.19	30.61 -2.76 3.64	17.54 -3.27 25.56	15.75 -4.14 44.19	43.92 -3.58 1.15	42.48 -3.77 1.40	28.44 -2.77 10.00	39.23 -1.63 13.20	37.00 -2.94 2.89	37.98 -1.96 0.00
ERIE_WT_PWR 323693	49.52 -3.88 4.42	11.75 -2.62 25.27	33.72 -2.36 0.00	37.40 -2.48 0.00	39.82 -2.65 0.00	44.52 -2.77 0.00	44.08 -3.29 2.55	36.54 -4.81 25.74	35.16 -4.08 16.65	40.40 -4.68 12.86	24.70 -2.56 7.25	40.14 -3.76 2.88	129.72 -20.61 80.11	22.35 -4.06 21.49	20.19 -3.43 18.99	30.49 -2.93 3.58	17.54 -3.70 25.13	15.90 -4.69 43.49	43.80 -3.71 1.13	42.10 -3.97 1.59	27.45 -3.01 10.74	37.32 -1.95 14.80	36.75 -3.08 3.00	37.96 -1.99 0.00
ESPRGFLD_115KV_TB1 80157	61.03 2.37 -0.84	46.02 1.57 -4.81	37.37 1.29 0.00	41.22 1.35 0.00	43.86 1.39 0.00	48.90 1.61 0.00	53.09 2.44 -0.72	77.71 3.28 -7.33	63.51 2.82 -4.80	63.88 2.74 -3.20	38.21 1.59 -2.11	49.85 2.14 -0.94	255.82 9.45 -15.94	59.53 1.78 -9.85	52.92 1.61 -8.70	39.41 1.38 -1.03	55.65 1.92 -7.36	81.34 3.08 -14.18	51.95 2.75 -0.56	50.58 2.92 0.00	44.81 2.43 -1.17	57.43 2.91 -0.46	45.43 1.66 -0.94	41.69 1.74 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	57.21 0.92 1.52	31.49 0.55 8.70	36.54 0.46 0.00	40.35 0.47 0.00	42.97 0.49 0.00	47.88 0.59 0.00	49.66 0.62 0.87	58.70 0.43 8.84	50.32 0.40 5.97	60.21 0.38 -1.89	31.94 0.16 2.73	45.55 0.12 1.34	297.03 0.12 -66.48	33.51 -0.02 14.37	29.84 -0.07 12.70	35.65 -0.11 1.24	37.77 -0.13 8.47	47.73 -0.01 16.35	48.11 0.23 0.77	48.54 0.41 -0.47	46.33 0.54 -4.59	58.64 1.13 -3.45	42.28 0.41 0.96	40.45 0.51 0.00
ETNA____115KV_TB2 80207	57.21 0.92 1.52	31.49 0.55 8.70	36.54 0.46 0.00	40.35 0.47 0.00	42.97 0.49 0.00	47.88 0.59 0.00	49.66 0.62 0.87	58.70 0.43 8.84	50.32 0.40 5.97	60.21 0.38 -1.89	31.94 0.16 2.73	45.55 0.12 1.34	297.03 0.12 -66.48	33.51 -0.02 14.37	29.84 -0.07 12.70	35.65 -0.11 1.24	37.77 -0.13 8.47	47.73 -0.01 16.35	48.11 0.23 0.77	48.54 0.41 -0.47	46.33 0.54 -4.59	58.64 1.13 -3.45	42.28 0.41 0.96	40.45 0.51 0.00
EUCLID___115KV_TB2 356179	56.97 -0.85 0.00	39.01 -0.62 0.00	35.49 -0.59 0.00	39.23 -0.65 0.00	41.76 -0.71 0.00	46.49 -0.80 0.00	48.66 -0.93 0.33	61.99 -1.74 3.37	52.51 -1.43 1.96	55.27 -1.52 1.14	32.90 -0.92 0.69	45.37 -1.25 0.15	223.54 -6.47 0.42	40.18 -1.39 6.34	35.69 -1.32 5.60	35.32 -1.21 0.47	43.16 -1.41 1.81	61.33 -1.57 1.18	47.18 -1.19 0.28	46.56 -1.10 0.00	40.21 -0.89 0.10	52.98 -0.86 0.23	41.46 -0.91 0.46	39.30 -0.64 0.00
E_CANADA_CAP_HY 24051	61.06 2.66 -0.59	44.75 1.77 -3.35	37.59 1.51 0.00	41.47 1.59 0.00	44.11 1.63 0.00	49.12 1.83 0.00	52.49 2.12 -0.46	74.72 3.01 -4.61	61.57 2.66 -3.02	62.49 2.54 -2.01	37.34 1.50 -1.33	49.37 1.99 -0.60	248.77 8.31 -10.03	55.99 1.52 -6.56	49.82 1.41 -5.80	38.98 1.33 -0.64	52.82 1.82 -4.63	75.72 2.63 -9.01	51.22 2.20 -0.37	50.13 2.47 0.00	43.79 1.98 -0.61	56.59 2.22 -0.31	45.00 1.54 -0.62	41.54 1.60 0.00
E_CANADA_MHWK_HY 24050	60.13 2.32 0.00	41.13 1.49 0.00	37.45 1.38 0.00	41.13 1.25 0.00	43.63 1.16 0.00	48.27 0.98 0.00	50.76 0.84 0.00	68.20 1.10 0.00	56.98 1.09 0.00	59.45 1.52 0.00	35.45 0.93 0.00	47.84 1.06 0.00	235.14 4.71 0.00	49.20 1.30 0.00	44.08 1.47 0.00	38.47 1.47 0.00	48.45 2.08 0.00	66.14 2.06 0.00	50.01 1.37 0.00	49.48 1.82 0.00	43.08 1.87 0.00	57.48 3.42 0.00	45.36 2.52 0.00	41.92 1.98 0.00
E_FISHKILL___LBMP 23776	60.37 2.56 0.00	41.19 1.56 0.00	37.45 1.37 0.00	41.25 1.37 0.00	43.90 1.43 0.00	49.10 1.82 0.00	52.02 2.10 0.00	69.58 2.47 0.00	58.03 2.14 0.00	60.44 2.51 0.00	35.86 1.35 0.00	49.10 2.21 -0.11	241.70 11.18 -0.09	54.96 2.33 -4.72	49.24 2.46 -4.17	38.89 1.89 0.00	48.81 2.44 0.00	68.64 3.41 -1.15	51.28 2.36 -0.27	49.70 2.04 0.00	42.99 1.69 -0.10	56.75 2.47 -0.22	45.38 2.10 -0.45	41.83 1.88 0.00
FALCON___SEABRD_CC1 323796	57.98 0.17 0.00	39.83 0.20 0.00	36.32 0.24 0.00	40.21 0.34 0.00	42.90 0.43 0.00	47.76 0.47 0.00	50.39 0.47 0.00	67.85 0.75 0.00	56.42 0.53 0.00	58.22 0.29 0.00	34.78 0.26 0.00	47.09 0.31 0.00	231.69 1.26 0.00	48.18 0.27 0.00	42.52 -0.09 0.00	37.12 0.12 0.00	46.54 0.17 0.00	64.36 0.28 0.00	49.09 0.44 0.00	48.18 0.52 0.00	41.80 0.60 0.00	54.36 0.30 0.00	42.82 -0.02 0.00	39.58 -0.36 0.00
FALCON___SEABRD_CC2 323797	57.98 0.17 0.00	39.83 0.20 0.00	36.32 0.24 0.00	40.21 0.34 0.00	42.90 0.43 0.00	47.76 0.47 0.00	50.39 0.47 0.00	67.85 0.75 0.00	56.42 0.53 0.00	58.22 0.29 0.00	34.78 0.26 0.00	47.09 0.31 0.00	231.69 1.26 0.00	48.18 0.27 0.00	42.52 -0.09 0.00	37.12 0.12 0.00	46.54 0.17 0.00	64.36 0.28 0.00	49.09 0.44 0.00	48.18 0.52 0.00	41.80 0.60 0.00	54.36 0.30 0.00	42.82 -0.02 0.00	39.58 -0.36 0.00

FAR ROCKAWAY___4 23548	66.46 4.03 -4.61	53.86 2.60 -11.63	38.43 2.34 -0.02	42.26 2.38 0.00	44.93 2.45 0.00	50.33 3.04 0.00	53.40 3.46 -0.02	71.32 4.22 0.00	68.43 3.66 -8.88	70.01 4.02 -8.05	46.08 2.19 -9.38	50.25 3.36 -0.12	247.82 14.91 -2.48	59.31 3.48 -7.93	70.18 3.75 -23.82	68.45 2.89 -28.56	54.29 3.69 -4.22	71.81 4.92 -2.81	64.24 3.47 -12.13	50.63 2.97 0.00	43.95 2.65 -0.10	57.42 3.13 -0.23	78.32 3.03 -32.46	53.77 3.01 -10.81
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	61.02 3.20 0.00	41.59 1.95 0.00	37.80 1.72 0.00	41.60 1.73 0.00	44.28 1.80 0.00	49.60 2.31 0.00	52.57 2.65 0.00	70.27 3.17 0.00	58.62 2.72 0.00	61.14 3.21 0.00	36.04 1.52 0.00	49.76 2.86 -0.12	245.21 14.68 -0.09	55.80 3.04 -4.85	50.04 3.14 -4.29	39.34 2.34 0.00	49.34 2.97 0.00	69.49 4.23 -1.18	51.88 2.96 -0.27	50.17 2.51 0.00	43.43 2.12 -0.10	57.23 2.94 -0.23	45.88 2.59 -0.46	42.31 2.37 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	61.01 3.20 0.00	41.59 1.95 0.00	37.80 1.72 0.00	41.59 1.72 0.00	44.28 1.80 0.00	49.60 2.31 0.00	52.57 2.65 0.00	70.26 3.16 0.00	58.62 2.72 0.00	61.13 3.20 0.00	36.03 1.52 0.00	49.75 2.86 -0.12	245.05 14.52 -0.09	55.79 3.03 -4.85	50.04 3.14 -4.29	39.34 2.34 0.00	49.33 2.96 0.00	69.49 4.23 -1.18	51.88 2.96 -0.27	50.16 2.50 0.00	43.43 2.12 -0.10	57.23 2.94 -0.23	45.89 2.59 -0.46	42.31 2.37 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	60.99 3.18 0.00	41.56 1.93 0.00	37.79 1.71 0.00	41.58 1.71 0.00	44.25 1.78 0.00	49.58 2.29 0.00	52.56 2.64 0.00	70.25 3.15 0.00	58.60 2.70 0.00	61.12 3.18 0.00	36.02 1.51 0.00	49.73 2.84 -0.12	245.02 14.50 -0.09	55.78 3.02 -4.85	50.02 3.12 -4.29	39.33 2.32 0.00	49.31 2.94 0.00	69.44 4.18 -1.18	51.85 2.93 -0.27	50.15 2.49 0.00	43.41 2.10 -0.10	57.22 2.93 -0.23	45.86 2.56 -0.46	42.29 2.35 0.00
FARRAGUT___LBMP 323566	60.96 3.14 0.00	41.55 1.91 0.00	37.76 1.68 0.00	41.56 1.69 0.00	44.23 1.76 0.00	49.55 2.26 0.00	52.52 2.60 0.00	70.20 3.10 0.00	58.55 2.66 0.00	61.07 3.14 0.00	36.00 1.48 0.00	49.70 2.81 -0.12	244.79 14.26 -0.09	55.74 2.98 -4.85	49.99 3.09 -4.29	39.30 2.30 0.00	49.27 2.90 0.00	69.42 4.16 -1.18	51.82 2.90 -0.27	50.11 2.46 0.00	43.39 2.08 -0.10	57.17 2.88 -0.23	45.83 2.54 -0.46	42.27 2.32 0.00
FARRCKWY_69_KV_BK2 55825	66.46 4.03 -4.61	53.86 2.60 -11.63	38.43 2.34 -0.02	42.26 2.38 0.00	44.93 2.45 0.00	50.33 3.04 0.00	53.40 3.46 -0.02	71.32 4.22 0.00	68.43 3.66 -8.88	70.01 4.02 -8.05	46.08 2.19 -9.38	50.25 3.36 -0.12	247.82 14.91 -2.48	59.31 3.48 -7.93	70.18 3.75 -23.82	68.45 2.89 -28.56	54.29 3.69 -4.22	71.81 4.92 -2.81	64.24 3.47 -12.13	50.63 2.97 0.00	43.95 2.65 -0.10	57.42 3.13 -0.23	78.32 3.03 -32.46	53.77 3.01 -10.81
FENNER___WINDPWR 24204	58.66 0.85 0.00	40.13 0.50 0.00	36.45 0.37 0.00	40.26 0.38 0.00	42.94 0.46 0.00	47.81 0.52 0.00	50.40 0.48 0.00	67.32 0.21 0.00	56.09 0.20 0.00	59.33 0.27 -1.13	34.66 0.15 0.00	46.83 0.21 0.15	248.53 1.40 -16.71	41.65 0.13 6.38	37.00 0.03 5.64	37.01 0.01 0.00	46.34 -0.03 0.00	62.76 -0.03 1.29	48.56 0.24 0.32	48.11 0.45 0.00	42.26 0.42 -0.64	54.39 0.60 0.27	42.54 0.24 0.54	40.27 0.33 0.00
FIBERTEK___ENERGY 23856	56.88 -0.24 0.70	35.43 -0.20 4.00	35.89 -0.19 0.00	39.65 -0.23 0.00	42.22 -0.26 0.00	46.99 -0.30 0.00	49.11 -0.35 0.46	61.53 -0.96 4.61	52.09 -0.76 3.04	55.06 -0.84 2.04	32.62 -0.54 1.35	45.38 -0.75 0.64	216.06 -3.98 10.40	39.28 -0.86 7.76	34.85 -0.90 6.86	35.51 -0.84 0.64	41.14 -1.00 4.23	56.45 -1.04 6.59	47.53 -0.76 0.36	47.04 -0.62 0.00	40.27 -0.42 0.51	53.54 -0.22 0.30	41.79 -0.45 0.60	39.70 -0.24 0.00
FITZPATRICK___ 23598	56.33 -1.48 0.00	38.60 -1.04 0.00	35.14 -0.95 0.00	38.82 -1.05 0.00	41.33 -1.14 0.00	45.99 -1.30 0.00	48.47 -1.44 0.00	64.79 -2.31 0.00	53.97 -1.92 0.00	55.92 -2.02 0.00	33.30 -1.21 0.00	45.00 -1.66 0.11	221.97 -8.37 0.09	41.39 -1.79 4.73	36.74 -1.69 4.18	35.47 -1.53 0.00	44.51 -1.86 0.00	61.77 -2.32 0.00	46.91 -1.74 0.00	45.99 -1.67 0.00	39.80 -1.40 0.00	52.50 -1.56 0.00	41.43 -1.40 0.00	38.86 -1.08 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	61.10 3.28 0.00	41.67 2.03 0.00	37.86 1.78 0.00	41.69 1.82 0.00	44.38 1.90 0.00	49.65 2.36 0.00	52.61 2.70 0.00	70.41 3.31 0.00	58.74 2.85 0.00	61.20 3.26 0.00	36.30 1.79 0.00	49.72 2.83 -0.12	244.75 14.22 -0.09	55.70 2.96 -4.83	49.92 3.04 -4.27	39.42 2.42 0.00	49.47 3.10 0.00	69.57 4.31 -1.17	51.97 3.05 -0.27	50.40 2.74 0.00	43.62 2.31 -0.10	57.58 3.30 -0.23	45.98 2.69 -0.46	42.35 2.41 0.00
FORT ORANGE___ 23900	59.23 1.42 0.00	40.67 1.04 0.00	37.04 0.96 0.00	40.84 0.96 0.00	43.46 0.98 0.00	48.39 1.10 0.00	51.16 1.25 0.00	68.69 1.59 0.00	57.30 1.41 0.00	59.50 1.56 0.00	35.44 0.93 0.00	47.86 1.09 0.00	235.41 4.98 0.00	49.16 1.25 0.00	43.85 1.24 0.00	38.07 1.07 0.00	47.70 1.33 0.00	66.54 1.59 -0.87	49.89 1.04 -0.20	48.64 0.98 0.00	42.08 0.80 -0.08	55.82 1.59 -0.17	44.38 1.21 -0.34	40.86 0.92 0.00
FORT_DRUM_COGEN 23780	55.39 -2.43 0.00	37.66 -1.97 0.00	34.27 -1.82 0.00	38.08 -1.80 0.00	40.77 -1.70 0.00	45.40 -1.89 0.00	47.76 -2.16 0.00	62.61 -4.48 0.00	51.76 -4.13 0.00	54.17 -3.76 0.00	32.36 -2.15 0.00	43.88 -2.80 0.09	216.96 -13.39 0.08	40.60 -3.36 3.94	35.86 -3.27 3.48	34.70 -2.30 0.00	43.53 -2.84 0.00	60.20 -3.89 0.00	46.13 -2.52 0.00	45.92 -1.74 0.00	39.68 -1.52 0.00	51.01 -3.05 0.00	40.36 -2.47 0.00	37.84 -2.10 0.00
FOX_HILLS___ESR 323835	61.25 3.43 0.00	41.76 2.13 0.00	37.90 1.82 0.00	41.72 1.84 0.00	44.41 1.93 0.00	49.79 2.50 0.00	52.76 2.84 0.00	70.54 3.44 0.00	58.64 2.75 0.00	60.99 3.05 0.00	36.00 1.49 0.00	49.61 2.72 -0.12	244.55 14.03 -0.09	55.70 2.93 -4.85	49.98 3.08 -4.29	39.29 2.28 0.00	49.31 2.94 0.00	69.46 4.20 -1.18	51.80 2.88 -0.27	50.04 2.39 0.00	43.36 2.06 -0.10	57.18 2.89 -0.23	45.86 2.57 -0.46	42.27 2.33 0.00
FPL_FAR_ROCK_GT1 24212	66.47 4.04 -4.61	53.86 2.60 -11.63	38.43 2.34 -0.02	42.26 2.38 0.00	44.93 2.45 0.00	50.34 3.06 0.00	53.40 3.46 -0.02	71.40 4.30 0.00	68.44 3.67 -8.88	70.03 4.04 -8.05	46.09 2.19 -9.38	50.25 3.35 -0.12	247.66 14.74 -2.48	59.34 3.51 -7.93	70.19 3.76 -23.82	68.46 2.90 -28.56	54.31 3.71 -4.22	71.98 5.09 -2.81	64.25 3.48 -12.13	50.63 2.97 0.00	43.95 2.64 -0.10	57.42 3.13 -0.23	78.32 3.03 -32.46	53.76 3.01 -10.81
FPL_FAR_ROCK_GT2 23815	66.47 4.04 -4.61	53.86 2.60 -11.63	38.43 2.34 -0.02	42.26 2.38 0.00	44.93 2.45 0.00	50.34 3.06 0.00	53.40 3.46 -0.02	71.40 4.30 0.00	68.44 3.67 -8.88	70.03 4.04 -8.05	46.09 2.19 -9.38	50.25 3.35 -0.12	247.66 14.74 -2.48	59.34 3.51 -7.93	70.19 3.76 -23.82	68.46 2.90 -28.56	54.31 3.71 -4.22	71.98 5.09 -2.81	64.25 3.48 -12.13	50.63 2.97 0.00	43.95 2.64 -0.10	57.42 3.13 -0.23	78.32 3.03 -32.46	53.76 3.01 -10.81



FRANKLIN_FALL_HYD 24054	57.48 -0.33 0.00	39.58 -0.05 0.00	36.07 -0.01 0.00	39.96 0.08 0.00	42.62 0.14 0.00	47.41 0.12 0.00	50.10 0.19 0.00	67.56 0.46 0.00	56.06 0.17 0.00	57.80 -0.14 0.00	34.48 -0.03 0.00	46.66 -0.11 0.00	229.44 -0.99 0.00	47.77 -0.14 0.00	42.16 -0.45 0.00	36.85 -0.15 0.00	46.08 -0.29 0.00	63.86 -0.22 0.00	48.80 0.15 0.00	47.84 0.18 0.00	41.51 0.30 0.00	54.00 -0.06 0.00	42.58 -0.25 0.00	39.45 -0.50 0.00
FREEPORT_EQUS_GT1 23764	64.88 3.71 -3.36	50.51 2.41 -8.46	38.25 2.16 -0.01	42.06 2.18 0.00	44.73 2.25 0.00	50.12 2.83 0.00	53.15 3.22 -0.01	71.06 3.96 0.00	65.73 3.38 -6.46	67.54 3.74 -5.86	43.37 2.03 -6.82	49.94 3.05 -0.12	244.55 12.29 -1.83	58.00 3.00 -7.09	64.65 3.54 -18.50	60.51 2.73 -20.78	52.94 3.49 -3.07	70.95 4.51 -2.36	60.70 3.16 -8.90	50.33 2.67 0.00	43.70 2.40 -0.10	55.29 2.63 1.41	69.20 2.62 -23.75	50.64 2.83 -7.87
FREEPORT___CT2 23818	64.88 3.71 -3.36	50.51 2.41 -8.46	38.25 2.16 -0.01	42.06 2.18 0.00	44.73 2.25 0.00	50.12 2.83 0.00	53.15 3.22 -0.01	71.06 3.96 0.00	65.73 3.38 -6.46	67.54 3.74 -5.86	43.37 2.03 -6.82	49.94 3.05 -0.12	244.55 12.29 -1.83	58.00 3.00 -7.09	64.65 3.54 -18.50	60.51 2.73 -20.78	52.94 3.49 -3.07	70.95 4.51 -2.36	60.70 3.16 -8.90	50.33 2.67 0.00	43.70 2.40 -0.10	55.29 2.63 1.41	69.20 2.62 -23.75	50.64 2.83 -7.87
FRESHKLS_33_KV_LOAD 356253	61.43 3.61 0.00	41.89 2.25 0.00	38.00 1.92 0.00	41.82 1.94 0.00	44.50 2.02 0.00	49.92 2.63 0.00	52.92 3.00 0.00	70.73 3.63 0.00	58.75 2.86 0.00	61.01 3.07 0.00	36.01 1.50 0.00	49.63 2.74 -0.12	244.76 14.24 -0.09	55.71 2.95 -4.85	50.03 3.13 -4.29	39.31 2.31 0.00	49.37 2.99 0.00	69.53 4.27 -1.18	51.87 2.95 -0.27	50.10 2.44 0.00	43.44 2.14 -0.10	57.29 3.00 -0.23	45.93 2.63 -0.46	42.35 2.41 0.00
FULTON COGEN____ 23766	56.41 -1.40 0.00	38.62 -1.01 0.00	35.15 -0.93 0.00	38.83 -1.04 0.00	41.34 -1.13 0.00	46.00 -1.29 0.00	48.19 -1.42 0.31	61.62 -2.35 3.13	52.14 -1.94 1.82	54.81 -2.07 1.06	32.61 -1.26 0.64	44.90 -1.73 0.14	221.21 -8.83 0.39	40.04 -1.91 5.96	35.58 -1.77 5.26	34.93 -1.63 0.44	42.73 -1.96 1.67	60.61 -2.37 1.10	46.64 -1.74 0.26	46.06 -1.60 0.00	39.78 -1.33 0.10	52.39 -1.46 0.21	41.05 -1.35 0.43	38.89 -1.05 0.00
FULTON___LFGE 323630	60.71 2.89 0.00	41.55 1.92 0.00	37.75 1.67 0.00	41.67 1.79 0.00	44.35 1.88 0.00	49.41 2.12 0.00	52.62 2.36 -0.34	73.71 3.19 -3.42	60.68 2.81 -1.98	61.85 2.75 -1.16	36.83 1.62 -0.70	49.00 2.10 -0.12	239.40 8.57 -0.40	54.76 1.72 -5.13	48.75 1.61 -4.53	39.06 1.58 -0.48	52.01 2.20 -3.44	72.95 3.00 -5.87	51.18 2.25 -0.29	50.25 2.59 0.00	43.81 2.15 -0.46	57.07 2.76 -0.24	45.27 1.95 -0.49	41.76 1.82 0.00
G.F.CEMENT___DRP 24184	60.98 3.16 0.00	41.57 1.94 0.00	37.98 1.89 0.00	42.09 2.21 0.00	44.84 2.37 0.00	49.96 2.67 0.00	52.68 2.77 0.00	70.26 3.16 0.00	58.75 2.86 0.00	61.03 3.09 0.00	36.38 1.87 0.00	49.10 2.33 0.00	243.09 12.66 0.00	50.52 2.61 0.00	45.07 2.46 0.00	39.22 2.22 0.00	49.23 2.86 0.00	67.59 3.51 0.00	51.12 2.47 0.00	50.34 2.68 0.00	43.18 1.97 0.00	57.20 3.14 0.00	45.11 2.27 0.00	41.80 1.86 0.00
GARDENVILLE___LBMP 24039	49.48 -3.93 4.40	11.83 -2.61 25.20	33.67 -2.41 0.00	37.34 -2.54 0.00	39.80 -2.68 0.00	44.45 -2.84 0.00	44.01 -3.37 2.54	36.77 -4.67 25.66	35.24 -4.03 16.62	40.40 -4.70 12.84	24.66 -2.61 7.25	40.09 -3.81 2.88	129.47 -20.84 80.13	22.43 -3.98 21.50	20.21 -3.40 19.00	30.51 -2.92 3.57	17.76 -3.55 25.06	16.23 -4.46 43.39	43.73 -3.79 1.13	41.75 -4.07 1.84	26.29 -3.07 11.84	34.98 -2.03 17.05	36.53 -3.13 3.17	37.87 -2.08 0.00
GARDNVLA_35_KV_LD 355827	49.58 -3.81 4.42	11.81 -2.52 25.31	33.76 -2.32 0.00	37.44 -2.44 0.00	39.90 -2.58 0.00	44.56 -2.73 0.00	44.10 -3.26 2.55	36.77 -4.55 25.78	35.32 -3.90 16.66	40.52 -4.55 12.86	24.75 -2.50 7.26	40.20 -3.69 2.88	129.94 -20.39 80.11	22.53 -3.89 21.49	20.34 -3.28 18.99	30.61 -2.81 3.58	17.79 -3.42 25.16	16.29 -4.26 43.53	43.90 -3.62 1.13	42.27 -3.90 1.49	27.93 -2.95 10.32	38.24 -1.86 13.96	36.91 -3.00 2.93	38.00 -1.94 0.00
GELCKHM___115KV_LOAD 80723	56.58 -0.67 0.57	35.89 -0.49 3.26	35.62 -0.46 0.00	39.36 -0.51 0.00	41.92 -0.56 0.00	46.65 -0.64 0.00	48.80 -0.73 0.39	61.71 -1.48 3.92	52.40 -1.21 2.28	55.30 -1.30 1.33	32.91 -0.80 0.80	45.51 -1.10 0.17	224.35 -5.60 0.48	39.76 -1.23 6.92	35.31 -1.19 6.11	35.35 -1.10 0.55	41.56 -1.29 3.52	57.23 -1.41 5.43	47.28 -1.05 0.31	46.71 -0.95 0.00	40.03 -0.75 0.42	53.16 -0.65 0.26	41.57 -0.75 0.52	39.44 -0.50 0.00
GENERAL___MILLS 23808	49.52 -3.88 4.42	11.79 -2.57 25.27	33.71 -2.37 0.00	37.39 -2.49 0.00	39.84 -2.64 0.00	44.50 -2.79 0.00	44.05 -3.32 2.55	36.73 -4.62 25.74	35.27 -3.97 16.65	40.44 -4.64 12.86	24.70 -2.56 7.25	40.13 -3.77 2.88	129.69 -20.63 80.11	22.48 -3.94 21.49	20.27 -3.35 18.99	30.55 -2.87 3.58	17.76 -3.47 25.13	16.21 -4.38 43.49	43.80 -3.71 1.13	42.09 -3.98 1.59	27.46 -3.01 10.74	37.31 -1.96 14.80	36.77 -3.07 3.00	37.93 -2.01 0.00
GE_PLASTICS___DRP 24183	59.10 1.28 0.00	40.53 0.90 0.00	36.91 0.83 0.00	40.71 0.84 0.00	43.33 0.86 0.00	48.26 0.97 0.00	51.01 1.09 0.00	68.44 1.34 0.00	57.05 1.16 0.00	59.24 1.31 0.00	35.28 0.76 0.00	47.78 1.00 0.00	235.24 4.81 0.00	49.03 1.12 0.00	43.75 1.14 0.00	37.94 0.94 0.00	47.56 1.19 0.00	66.42 1.47 -0.87	49.82 0.97 -0.20	48.54 0.88 0.00	41.96 0.68 -0.07	55.59 1.36 -0.17	44.24 1.07 -0.34	40.78 0.84 0.00
GILBOA___1 23756	59.97 1.57 -0.58	44.04 1.10 -3.31	37.06 0.98 0.00	40.88 1.01 0.00	43.51 1.04 0.00	48.38 1.09 0.00	51.45 1.23 -0.30	71.57 1.44 -3.03	58.88 1.23 -1.76	60.38 1.42 -1.03	35.91 0.78 -0.62	48.09 1.18 -0.13	236.71 5.91 -0.38	54.76 1.25 -5.60	48.85 1.29 -4.95	38.45 1.03 -0.42	50.77 1.34 -3.06	71.40 1.83 -5.49	50.12 1.16 -0.32	48.66 1.00 0.00	42.44 0.81 -0.43	55.80 1.48 -0.26	44.54 1.18 -0.53	40.97 1.03 0.00
GILBOA___2 23757	59.97 1.57 -0.58	44.04 1.10 -3.31	37.06 0.98 0.00	40.88 1.01 0.00	43.51 1.04 0.00	48.38 1.09 0.00	51.45 1.23 -0.30	71.57 1.44 -3.03	58.88 1.23 -1.76	60.38 1.42 -1.03	35.91 0.78 -0.62	48.09 1.18 -0.13	236.71 5.91 -0.38	54.76 1.25 -5.60	48.85 1.29 -4.95	38.45 1.03 -0.42	50.77 1.34 -3.06	71.40 1.83 -5.49	50.12 1.16 -0.32	48.66 1.00 0.00	42.44 0.81 -0.43	55.80 1.48 -0.26	44.54 1.18 -0.53	40.97 1.03 0.00
GILBOA___3 23758	59.97 1.57 -0.58	44.04 1.10 -3.31	37.06 0.98 0.00	40.88 1.01 0.00	43.51 1.04 0.00	48.38 1.09 0.00	51.45 1.23 -0.30	71.57 1.44 -3.03	58.88 1.23 -1.76	60.38 1.42 -1.03	35.91 0.78 -0.62	48.09 1.18 -0.13	236.71 5.91 -0.38	54.76 1.25 -5.60	48.85 1.29 -4.95	38.45 1.03 -0.42	50.77 1.34 -3.06	71.40 1.83 -5.49	50.12 1.16 -0.32	48.66 1.00 0.00	42.44 0.81 -0.43	55.80 1.48 -0.26	44.54 1.18 -0.53	40.97 1.03 0.00

GILBOA___4 23759	59.97 1.57 -0.58	44.04 1.10 -3.31	37.06 0.98 0.00	40.88 1.01 0.00	43.51 1.04 0.00	48.38 1.09 0.00	51.45 1.23 -0.30	71.57 1.44 -3.03	58.88 1.23 -1.76	60.38 1.42 -1.03	35.91 0.78 -0.62	48.09 1.18 -0.13	236.71 5.91 -0.38	54.76 1.25 -5.60	48.85 1.29 -4.95	38.45 1.03 -0.42	50.77 1.34 -3.06	71.40 1.83 -5.49	50.12 1.16 -0.32	48.66 1.00 0.00	42.44 0.81 -0.43	55.80 1.48 -0.26	44.54 1.18 -0.53	40.97 1.03 0.00
GILBOA____ 23599	59.96 1.56 -0.58	44.04 1.10 -3.31	37.06 0.98 0.00	40.88 1.01 0.00	43.51 1.04 0.00	48.38 1.10 0.00	51.44 1.22 -0.30	71.54 1.41 -3.03	58.87 1.22 -1.76	60.39 1.43 -1.03	35.91 0.78 -0.62	48.09 1.18 -0.13	236.72 5.92 -0.38	54.76 1.25 -5.60	48.84 1.29 -4.95	38.45 1.03 -0.42	50.76 1.33 -3.06	71.37 1.80 -5.49	50.12 1.16 -0.32	48.66 1.00 0.00	42.44 0.81 -0.43	55.82 1.49 -0.26	44.55 1.18 -0.53	40.97 1.03 0.00
GINNA____ 23603	51.15 -4.41 2.26	23.67 -3.02 12.93	33.35 -2.73 0.00	36.91 -2.96 0.00	39.35 -3.13 0.00	43.88 -3.41 0.00	44.75 -3.84 1.34	47.97 -5.60 13.52	42.34 -4.70 8.85	45.96 -5.17 6.81	27.58 -3.04 3.89	40.87 -4.29 1.61	165.72 -21.98 42.73	29.89 -4.49 13.53	26.62 -4.03 11.96	31.66 -3.45 1.89	29.08 -4.24 13.05	36.15 -5.20 22.73	44.05 -3.92 0.68	43.83 -3.83 0.00	36.08 -3.11 2.01	50.13 -3.38 0.56	38.43 -3.27 1.13	37.30 -2.64 0.00
GLEN PARK____ 23778	55.39 -2.42 0.00	37.66 -1.97 0.00	34.26 -1.82 0.00	38.06 -1.81 0.00	40.75 -1.73 0.00	45.38 -1.91 0.00	47.73 -2.19 0.00	62.56 -4.54 0.00	51.66 -4.23 0.00	54.04 -3.89 0.00	32.28 -2.23 0.00	43.77 -2.91 0.10	216.28 -14.07 0.08	40.34 -3.50 4.07	35.66 -3.36 3.60	34.57 -2.43 0.00	43.37 -3.00 0.00	60.03 -4.05 0.00	46.06 -2.59 0.00	45.90 -1.76 0.00	39.69 -1.51 0.00	51.04 -3.02 0.00	40.37 -2.46 0.00	37.85 -2.09 0.00
GLENDALE_27_KV_LOAD 356172	61.06 3.24 0.00	41.62 1.98 0.00	37.84 1.76 0.00	41.64 1.77 0.00	44.32 1.85 0.00	49.65 2.36 0.00	52.63 2.71 0.00	70.33 3.23 0.00	58.64 2.75 0.00	61.17 3.24 0.00	36.10 1.59 0.00	49.82 2.93 -0.12	245.36 14.83 -0.09	55.88 3.12 -4.85	50.12 3.22 -4.29	39.41 2.41 0.00	49.40 3.03 0.00	69.59 4.33 -1.18	51.94 3.01 -0.27	50.20 2.54 0.00	43.47 2.17 -0.10	57.32 3.03 -0.23	45.93 2.63 -0.46	42.35 2.41 0.00
GLENWOOD_IC_1_G5 23712	65.47 3.55 -4.10	52.23 2.26 -10.34	38.11 2.02 -0.01	41.91 2.04 0.00	44.59 2.12 0.00	49.94 2.65 0.00	52.96 3.02 -0.02	70.74 3.64 0.00	66.94 3.15 -7.90	68.68 3.59 -7.16	44.76 1.90 -8.34	49.94 3.05 -0.12	246.77 14.12 -2.22	58.64 3.15 -7.59	67.65 3.38 -21.66	65.01 2.61 -25.40	53.44 3.31 -3.75	71.22 4.51 -2.62	62.64 3.18 -10.81	50.34 2.68 0.00	43.64 2.33 -0.10	56.86 2.96 0.16	74.49 2.73 -28.92	52.21 2.66 -9.61
GLENWOOD_IC_2_G1 23688	61.24 3.24 -0.19	42.14 2.03 -0.48	37.89 1.80 0.00	41.70 1.82 0.00	44.36 1.89 0.00	49.68 2.40 0.00	52.66 2.74 0.00	70.42 3.32 0.00	59.11 2.85 -0.36	61.52 3.26 -0.33	36.60 1.70 -0.39	49.70 2.81 -0.12	243.84 13.21 -0.19	55.84 2.95 -4.98	50.85 3.15 -5.09	40.58 2.40 -1.18	49.62 3.07 -0.17	69.64 4.31 -1.25	52.34 2.94 -0.76	50.13 2.47 0.00	43.42 2.11 -0.10	57.07 2.78 -0.23	47.16 2.54 -1.78	42.82 2.43 -0.44
GLENWOOD_IC_3_G1 23689	61.24 3.24 -0.19	42.14 2.03 -0.48	37.89 1.80 0.00	41.70 1.82 0.00	44.36 1.89 0.00	49.68 2.40 0.00	52.66 2.74 0.00	70.42 3.32 0.00	59.11 2.85 -0.36	61.52 3.26 -0.33	36.60 1.70 -0.39	49.70 2.81 -0.12	243.84 13.21 -0.19	55.84 2.95 -4.98	50.85 3.15 -5.09	40.58 2.40 -1.18	49.62 3.07 -0.17	69.64 4.31 -1.25	52.34 2.94 -0.76	50.13 2.47 0.00	43.42 2.11 -0.10	57.07 2.78 -0.23	47.16 2.54 -1.78	42.82 2.43 -0.44
GLENWOOD___4 23550	65.47 3.55 -4.10	52.23 2.26 -10.34	38.11 2.02 -0.01	41.91 2.04 0.00	44.59 2.12 0.00	49.94 2.65 0.00	52.96 3.02 -0.02	70.74 3.64 0.00	66.94 3.15 -7.90	68.68 3.59 -7.16	44.76 1.90 -8.34	49.94 3.05 -0.12	246.77 14.12 -2.22	58.64 3.15 -7.59	67.65 3.38 -21.66	65.01 2.61 -25.40	53.44 3.31 -3.75	71.22 4.51 -2.62	62.64 3.18 -10.81	50.34 2.68 0.00	43.64 2.33 -0.10	56.86 2.96 0.16	74.49 2.73 -28.92	52.21 2.66 -9.61
GLENWOOD___5 23614	65.47 3.55 -4.10	52.23 2.26 -10.34	38.11 2.02 -0.01	41.91 2.04 0.00	44.59 2.12 0.00	49.94 2.65 0.00	52.96 3.02 -0.02	70.74 3.64 0.00	66.94 3.15 -7.90	68.68 3.59 -7.16	44.76 1.90 -8.34	49.94 3.05 -0.12	246.77 14.12 -2.22	58.64 3.15 -7.59	67.65 3.38 -21.66	65.01 2.61 -25.40	53.44 3.31 -3.75	71.22 4.51 -2.62	62.64 3.18 -10.81	50.34 2.68 0.00	43.64 2.33 -0.10	56.86 2.96 0.16	74.49 2.73 -28.92	52.21 2.66 -9.61
GLOBAL GREEN_PORT_GT1 23814	64.21 3.82 -2.58	49.24 3.11 -6.49	39.24 3.15 -0.01	43.01 3.13 0.00	45.47 3.00 0.00	50.81 3.52 0.00	54.27 4.34 -0.01	71.51 4.41 0.00	64.75 3.90 -4.96	66.38 3.95 -4.50	41.62 1.88 -5.23	49.87 2.97 -0.12	232.99 1.13 -1.43	55.22 0.75 -6.57	60.61 2.82 -15.19	55.18 2.23 -15.94	51.78 3.05 -2.36	70.44 4.27 -2.09	58.36 2.82 -6.89	49.69 2.03 0.00	43.50 2.20 -0.10	55.24 0.95 -0.23	62.27 1.11 -18.32	48.19 2.21 -6.03
GLOBE___DSASP 323697	48.58 -5.41 3.83	14.27 -3.46 21.90	32.83 -3.25 0.00	36.41 -3.47 0.00	38.85 -3.63 0.00	43.41 -3.88 0.00	43.08 -4.61 2.23	38.62 -6.00 22.49	36.18 -5.20 14.52	40.79 -5.96 11.18	24.91 -3.28 6.33	39.33 -4.92 2.52	134.75 -26.16 69.52	23.91 -4.78 19.22	21.49 -4.13 16.98	30.36 -3.52 3.12	20.30 -4.24 21.83	20.85 -5.47 37.77	42.81 -4.83 1.00	41.16 -5.28 1.21	28.60 -4.00 8.60	39.46 -3.17 11.43	36.45 -3.86 2.52	37.19 -2.75 0.00
GOETHSLN___LBMP 323567	60.71 2.90 0.00	41.35 1.72 0.00	37.58 1.50 0.00	41.36 1.48 0.00	44.02 1.55 0.00	49.34 2.05 0.00	52.29 2.37 0.00	69.81 2.71 0.00	58.23 2.35 0.00	60.80 2.87 0.00	35.89 1.38 0.00	49.50 2.61 -0.12	244.24 13.71 -0.09	55.58 2.81 -4.85	49.83 2.93 -4.29	39.16 2.16 0.00	49.11 2.74 0.00	69.17 3.91 -1.18	51.64 2.72 -0.27	49.92 2.26 0.00	43.24 1.93 -0.10	56.95 2.66 -0.23	45.68 2.39 -0.46	42.14 2.20 0.00
GOLAH___69_KV_TB 1_2 80279	53.11 -2.13 2.57	23.49 -1.42 14.73	34.77 -1.32 0.00	38.51 -1.37 0.00	41.04 -1.43 0.00	45.83 -1.46 0.00	46.53 -1.88 1.51	48.98 -2.84 15.28	43.36 -2.56 9.98	47.07 -3.18 7.69	28.33 -1.81 4.38	42.27 -2.72 1.79	167.48 -14.88 48.08	30.43 -2.87 14.60	27.16 -2.54 12.91	32.73 -2.14 2.14	29.05 -2.52 14.81	35.54 -2.84 25.71	45.71 -2.20 0.74	45.53 -2.13 0.00	37.46 -1.46 2.27	52.56 -0.89 0.61	40.04 -1.56 1.24	39.03 -0.91 0.00
GOODYEAR_LAKE_HYD 323669	61.26 2.12 -1.32	48.61 1.39 -7.58	37.25 1.17 0.00	41.07 1.20 0.00	43.73 1.26 0.00	48.83 1.55 0.00	54.13 2.98 -1.23	83.36 3.79 -12.47	67.25 3.19 -8.16	66.92 3.20 -5.79	39.95 1.85 -3.59	50.81 2.46 -1.58	273.95 11.35 -32.17	66.17 2.21 -16.06	58.81 2.01 -14.19	40.42 1.68 -1.74	61.25 2.35 -12.53	91.73 3.69 -23.95	52.80 3.24 -0.91	51.06 3.39 0.00	46.07 2.89 -1.98	58.55 3.73 -0.76	46.48 2.12 -1.53	42.04 2.09 0.00

GOUDEY___7 345031	63.45 0.40 -5.23	69.76 0.18 -29.95	36.23 0.15 0.00	40.01 0.14 0.00	42.60 0.12 0.00	47.47 0.18 0.00	53.15 0.28 -2.95	96.92 0.00 -29.81	75.63 0.01 -19.73	70.79 0.02 -12.83	43.32 -0.03 -8.84	50.88 0.06 -4.04	293.77 -0.06 -63.40	86.00 -0.08 -38.17	76.36 0.01 -33.74	41.14 -0.03 -4.17	76.21 0.01 -29.83	121.64 0.18 -57.38	50.94 0.14 -2.16	47.78 0.12 0.00	45.16 0.16 -3.80	56.66 0.82 -1.78	46.59 0.14 -3.61	40.22 0.28 0.00
GOUDEY___8 23579	63.45 0.40 -5.23	69.76 0.18 -29.95	36.23 0.15 0.00	40.01 0.14 0.00	42.60 0.12 0.00	47.47 0.18 0.00	53.15 0.28 -2.95	96.92 0.00 -29.81	75.63 0.01 -19.73	70.79 0.02 -12.83	43.32 -0.03 -8.84	50.88 0.06 -4.04	293.77 -0.06 -63.40	86.00 -0.08 -38.17	76.36 0.01 -33.74	41.14 -0.03 -4.17	76.21 0.01 -29.83	121.64 0.18 -57.38	50.94 0.14 -2.16	47.78 0.12 0.00	45.16 0.16 -3.80	56.66 0.82 -1.78	46.59 0.14 -3.61	40.22 0.28 0.00
GOUDEY___8 23580	63.45 0.40 -5.23	69.76 0.18 -29.95	36.23 0.15 0.00	40.01 0.14 0.00	42.60 0.12 0.00	47.47 0.18 0.00	53.15 0.28 -2.95	96.92 0.00 -29.81	75.63 0.01 -19.73	70.79 0.02 -12.83	43.32 -0.03 -8.84	50.88 0.06 -4.04	293.77 -0.06 -63.40	86.00 -0.08 -38.17	76.36 0.01 -33.74	41.14 -0.03 -4.17	76.21 0.01 -29.83	121.64 0.18 -57.38	50.94 0.14 -2.16	47.78 0.12 0.00	45.16 0.16 -3.80	56.66 0.82 -1.78	46.59 0.14 -3.61	40.22 0.28 0.00
GOWANUS_GT1_1 24077	61.17 3.35 0.00	41.69 2.06 0.00	37.87 1.79 0.00	41.67 1.80 0.00	44.36 1.89 0.00	49.72 2.43 0.00	52.70 2.78 0.00	70.42 3.32 0.00	58.66 2.77 0.00	61.12 3.19 0.00	36.07 1.55 0.00	49.74 2.85 -0.12	245.23 14.70 -0.09	55.77 3.01 -4.85	50.07 3.16 -4.29	39.37 2.36 0.00	49.36 2.99 0.00	69.49 4.23 -1.18	51.90 2.98 -0.27	50.14 2.49 0.00	43.44 2.13 -0.10	57.28 2.99 -0.23	45.93 2.63 -0.46	42.35 2.41 0.00
GOWANUS_GT1_2 24078	61.17 3.35 0.00	41.69 2.06 0.00	37.87 1.79 0.00	41.67 1.80 0.00	44.36 1.89 0.00	49.72 2.43 0.00	52.70 2.78 0.00	70.42 3.32 0.00	58.66 2.77 0.00	61.12 3.19 0.00	36.07 1.55 0.00	49.74 2.85 -0.12	245.23 14.70 -0.09	55.77 3.01 -4.85	50.07 3.16 -4.29	39.37 2.36 0.00	49.36 2.99 0.00	69.49 4.23 -1.18	51.90 2.98 -0.27	50.14 2.49 0.00	43.44 2.13 -0.10	57.28 2.99 -0.23	45.93 2.63 -0.46	42.35 2.41 0.00
GOWANUS_GT1_3 24079	61.17 3.35 0.00	41.69 2.06 0.00	37.87 1.79 0.00	41.67 1.80 0.00	44.36 1.89 0.00	49.72 2.43 0.00	52.70 2.78 0.00	70.42 3.32 0.00	58.66 2.77 0.00	61.12 3.19 0.00	36.07 1.55 0.00	49.74 2.85 -0.12	245.23 14.70 -0.09	55.77 3.01 -4.85	50.07 3.16 -4.29	39.37 2.36 0.00	49.36 2.99 0.00	69.49 4.23 -1.18	51.90 2.98 -0.27	50.14 2.49 0.00	43.44 2.13 -0.10	57.28 2.99 -0.23	45.93 2.63 -0.46	42.35 2.41 0.00
GOWANUS_GT1_4 24080	61.17 3.35 0.00	41.69 2.06 0.00	37.87 1.79 0.00	41.67 1.80 0.00	44.36 1.89 0.00	49.72 2.43 0.00	52.70 2.78 0.00	70.42 3.32 0.00	58.66 2.77 0.00	61.12 3.19 0.00	36.07 1.55 0.00	49.74 2.85 -0.12	245.23 14.70 -0.09	55.77 3.01 -4.85	50.07 3.16 -4.29	39.37 2.36 0.00	49.36 2.99 0.00	69.49 4.23 -1.18	51.90 2.98 -0.27	50.14 2.49 0.00	43.44 2.13 -0.10	57.28 2.99 -0.23	45.93 2.63 -0.46	42.35 2.41 0.00
GOWANUS_GT1_5 24084	61.17 3.35 0.00	41.69 2.06 0.00	37.87 1.79 0.00	41.67 1.80 0.00	44.36 1.89 0.00	49.72 2.43 0.00	52.70 2.78 0.00	70.42 3.32 0.00	58.66 2.77 0.00	61.12 3.19 0.00	36.07 1.55 0.00	49.74 2.85 -0.12	245.23 14.70 -0.09	55.77 3.01 -4.85	50.07 3.16 -4.29	39.37 2.36 0.00	49.36 2.99 0.00	69.49 4.23 -1.18	51.90 2.98 -0.27	50.14 2.49 0.00	43.44 2.13 -0.10	57.28 2.99 -0.23	45.93 2.63 -0.46	42.35 2.41 0.00
GOWANUS_GT1_6 24111	61.17 3.35 0.00	41.69 2.06 0.00	37.87 1.79 0.00	41.67 1.80 0.00	44.36 1.89 0.00	49.72 2.43 0.00	52.70 2.78 0.00	70.42 3.32 0.00	58.66 2.77 0.00	61.12 3.19 0.00	36.07 1.55 0.00	49.74 2.85 -0.12	245.23 14.70 -0.09	55.77 3.01 -4.85	50.07 3.16 -4.29	39.37 2.36 0.00	49.36 2.99 0.00	69.49 4.23 -1.18	51.90 2.98 -0.27	50.14 2.49 0.00	43.44 2.13 -0.10	57.28 2.99 -0.23	45.93 2.63 -0.46	42.35 2.41 0.00
GOWANUS_GT1_7 24112	61.17 3.35 0.00	41.69 2.06 0.00	37.87 1.79 0.00	41.67 1.80 0.00	44.36 1.89 0.00	49.72 2.43 0.00	52.70 2.78 0.00	70.42 3.32 0.00	58.66 2.77 0.00	61.12 3.19 0.00	36.07 1.55 0.00	49.74 2.85 -0.12	245.23 14.70 -0.09	55.77 3.01 -4.85	50.07 3.16 -4.29	39.37 2.36 0.00	49.36 2.99 0.00	69.49 4.23 -1.18	51.90 2.98 -0.27	50.14 2.49 0.00	43.44 2.13 -0.10	57.28 2.99 -0.23	45.93 2.63 -0.46	42.35 2.41 0.00
GOWANUS_GT1_8 24113	61.17 3.35 0.00	41.69 2.06 0.00	37.87 1.79 0.00	41.67 1.80 0.00	44.36 1.89 0.00	49.72 2.43 0.00	52.70 2.78 0.00	70.42 3.32 0.00	58.66 2.77 0.00	61.12 3.19 0.00	36.07 1.55 0.00	49.74 2.85 -0.12	245.23 14.70 -0.09	55.77 3.01 -4.85	50.07 3.16 -4.29	39.37 2.36 0.00	49.36 2.99 0.00	69.49 4.23 -1.18	51.90 2.98 -0.27	50.14 2.49 0.00	43.44 2.13 -0.10	57.28 2.99 -0.23	45.93 2.63 -0.46	42.35 2.41 0.00
GOWANUS_GT2_1 24114	61.18 3.36 0.00	41.70 2.06 0.00	37.87 1.79 0.00	41.67 1.80 0.00	44.36 1.89 0.00	49.74 2.45 0.00	52.70 2.78 0.00	70.46 3.36 0.00	58.67 2.78 0.00	61.12 3.18 0.00	36.07 1.56 0.00	49.74 2.84 -0.12	245.22 14.70 -0.09	55.81 3.05 -4.85	50.08 3.18 -4.29	39.37 2.37 0.00	49.41 3.04 0.00	69.60 4.34 -1.18	51.89 2.98 -0.27	50.14 2.48 0.00	43.43 2.12 -0.10	57.27 2.98 -0.23	45.93 2.63 -0.46	42.35 2.41 0.00
GOWANUS_GT2_2 24115	61.18 3.36 0.00	41.70 2.06 0.00	37.87 1.79 0.00	41.67 1.80 0.00	44.36 1.89 0.00	49.74 2.45 0.00	52.70 2.78 0.00	70.46 3.36 0.00	58.67 2.78 0.00	61.12 3.18 0.00	36.07 1.56 0.00	49.74 2.84 -0.12	245.22 14.70 -0.09	55.81 3.05 -4.85	50.08 3.18 -4.29	39.37 2.37 0.00	49.41 3.04 0.00	69.60 4.34 -1.18	51.89 2.98 -0.27	50.14 2.48 0.00	43.43 2.12 -0.10	57.27 2.98 -0.23	45.93 2.63 -0.46	42.35 2.41 0.00
GOWANUS_GT2_3 24116	61.18 3.36 0.00	41.70 2.06 0.00	37.87 1.79 0.00	41.67 1.80 0.00	44.36 1.89 0.00	49.74 2.45 0.00	52.70 2.78 0.00	70.46 3.36 0.00	58.67 2.78 0.00	61.12 3.18 0.00	36.07 1.56 0.00	49.74 2.84 -0.12	245.22 14.70 -0.09	55.81 3.05 -4.85	50.08 3.18 -4.29	39.37 2.37 0.00	49.41 3.04 0.00	69.60 4.34 -1.18	51.89 2.98 -0.27	50.14 2.48 0.00	43.43 2.12 -0.10	57.27 2.98 -0.23	45.93 2.63 -0.46	42.35 2.41 0.00
GOWANUS_GT2_4 24117	61.18 3.36 0.00	41.70 2.06 0.00	37.87 1.79 0.00	41.67 1.80 0.00	44.36 1.89 0.00	49.74 2.45 0.00	52.70 2.78 0.00	70.46 3.36 0.00	58.67 2.78 0.00	61.12 3.18 0.00	36.07 1.56 0.00	49.74 2.84 -0.12	245.22 14.70 -0.09	55.81 3.05 -4.85	50.08 3.18 -4.29	39.37 2.37 0.00	49.41 3.04 0.00	69.60 4.34 -1.18	51.89 2.98 -0.27	50.14 2.48 0.00	43.43 2.12 -0.10	57.27 2.98 -0.23	45.93 2.63 -0.46	42.35 2.41 0.00

GOWANUS_GT2_5 24118	61.18 3.36 0.00	41.70 2.06 0.00	37.87 1.79 0.00	41.67 1.80 0.00	44.36 1.89 0.00	49.74 2.45 0.00	52.70 2.78 0.00	70.46 3.36 0.00	58.67 2.78 0.00	61.12 3.18 0.00	36.07 1.56 0.00	49.74 2.84 -0.12	245.22 14.70 -0.09	55.81 3.05 -4.85	50.08 3.18 -4.29	39.37 2.37 0.00	49.41 3.04 0.00	69.60 4.34 -1.18	51.89 2.98 -0.27	50.14 2.48 0.00	43.43 2.12 -0.10	57.27 2.98 -0.23	45.93 2.63 -0.46	42.35 2.41 0.00
GOWANUS_GT2_6 24119	61.18 3.36 0.00	41.70 2.06 0.00	37.87 1.79 0.00	41.67 1.80 0.00	44.36 1.89 0.00	49.74 2.45 0.00	52.70 2.78 0.00	70.46 3.36 0.00	58.67 2.78 0.00	61.12 3.18 0.00	36.07 1.56 0.00	49.74 2.84 -0.12	245.22 14.70 -0.09	55.81 3.05 -4.85	50.08 3.18 -4.29	39.37 2.37 0.00	49.41 3.04 0.00	69.60 4.34 -1.18	51.89 2.98 -0.27	50.14 2.48 0.00	43.43 2.12 -0.10	57.27 2.98 -0.23	45.93 2.63 -0.46	42.35 2.41 0.00
GOWANUS_GT2_7 24120	61.18 3.36 0.00	41.70 2.06 0.00	37.87 1.79 0.00	41.67 1.80 0.00	44.36 1.89 0.00	49.74 2.45 0.00	52.70 2.78 0.00	70.46 3.36 0.00	58.67 2.78 0.00	61.12 3.18 0.00	36.07 1.56 0.00	49.74 2.84 -0.12	245.22 14.70 -0.09	55.81 3.05 -4.85	50.08 3.18 -4.29	39.37 2.37 0.00	49.41 3.04 0.00	69.60 4.34 -1.18	51.89 2.98 -0.27	50.14 2.48 0.00	43.43 2.12 -0.10	57.27 2.98 -0.23	45.93 2.63 -0.46	42.35 2.41 0.00
GOWANUS_GT2_8 24121	61.18 3.36 0.00	41.70 2.06 0.00	37.87 1.79 0.00	41.67 1.80 0.00	44.36 1.89 0.00	49.74 2.45 0.00	52.70 2.78 0.00	70.46 3.36 0.00	58.67 2.78 0.00	61.12 3.18 0.00	36.07 1.56 0.00	49.74 2.84 -0.12	245.22 14.70 -0.09	55.81 3.05 -4.85	50.08 3.18 -4.29	39.37 2.37 0.00	49.41 3.04 0.00	69.60 4.34 -1.18	51.89 2.98 -0.27	50.14 2.48 0.00	43.43 2.12 -0.10	57.27 2.98 -0.23	45.93 2.63 -0.46	42.35 2.41 0.00
GOWANUS_GT3_1 24122	61.18 3.36 0.00	41.70 2.06 0.00	37.87 1.79 0.00	41.67 1.80 0.00	44.36 1.89 0.00	49.74 2.45 0.00	52.70 2.78 0.00	70.46 3.36 0.00	58.67 2.78 0.00	61.12 3.18 0.00	36.07 1.56 0.00	49.74 2.84 -0.12	245.22 14.70 -0.09	55.81 3.05 -4.85	50.08 3.18 -4.29	39.37 2.37 0.00	49.41 3.04 0.00	69.60 4.34 -1.18	51.89 2.98 -0.27	50.14 2.48 0.00	43.43 2.12 -0.10	57.27 2.98 -0.23	45.93 2.63 -0.46	42.35 2.41 0.00
GOWANUS_GT3_2 24123	61.18 3.36 0.00	41.70 2.06 0.00	37.87 1.79 0.00	41.67 1.80 0.00	44.36 1.89 0.00	49.74 2.45 0.00	52.70 2.78 0.00	70.46 3.36 0.00	58.67 2.78 0.00	61.12 3.18 0.00	36.07 1.56 0.00	49.74 2.84 -0.12	245.22 14.70 -0.09	55.81 3.05 -4.85	50.08 3.18 -4.29	39.37 2.37 0.00	49.41 3.04 0.00	69.60 4.34 -1.18	51.89 2.98 -0.27	50.14 2.48 0.00	43.43 2.12 -0.10	57.27 2.98 -0.23	45.93 2.63 -0.46	42.35 2.41 0.00
GOWANUS_GT3_3 24124	61.18 3.36 0.00	41.70 2.06 0.00	37.87 1.79 0.00	41.67 1.80 0.00	44.36 1.89 0.00	49.74 2.45 0.00	52.70 2.78 0.00	70.46 3.36 0.00	58.67 2.78 0.00	61.12 3.18 0.00	36.07 1.56 0.00	49.74 2.84 -0.12	245.22 14.70 -0.09	55.81 3.05 -4.85	50.08 3.18 -4.29	39.37 2.37 0.00	49.41 3.04 0.00	69.60 4.34 -1.18	51.89 2.98 -0.27	50.14 2.48 0.00	43.43 2.12 -0.10	57.27 2.98 -0.23	45.93 2.63 -0.46	42.35 2.41 0.00
GOWANUS_GT3_4 24125	61.18 3.36 0.00	41.70 2.06 0.00	37.87 1.79 0.00	41.67 1.80 0.00	44.36 1.89 0.00	49.74 2.45 0.00	52.70 2.78 0.00	70.46 3.36 0.00	58.67 2.78 0.00	61.12 3.18 0.00	36.07 1.56 0.00	49.74 2.84 -0.12	245.22 14.70 -0.09	55.81 3.05 -4.85	50.08 3.18 -4.29	39.37 2.37 0.00	49.41 3.04 0.00	69.60 4.34 -1.18	51.89 2.98 -0.27	50.14 2.48 0.00	43.43 2.12 -0.10	57.27 2.98 -0.23	45.93 2.63 -0.46	42.35 2.41 0.00
GOWANUS_GT3_5 24126	61.18 3.36 0.00	41.70 2.06 0.00	37.87 1.79 0.00	41.67 1.80 0.00	44.36 1.89 0.00	49.74 2.45 0.00	52.70 2.78 0.00	70.46 3.36 0.00	58.67 2.78 0.00	61.12 3.18 0.00	36.07 1.56 0.00	49.74 2.84 -0.12	245.22 14.70 -0.09	55.81 3.05 -4.85	50.08 3.18 -4.29	39.37 2.37 0.00	49.41 3.04 0.00	69.60 4.34 -1.18	51.89 2.98 -0.27	50.14 2.48 0.00	43.43 2.12 -0.10	57.27 2.98 -0.23	45.93 2.63 -0.46	42.35 2.41 0.00
GOWANUS_GT3_6 24127	61.18 3.36 0.00	41.70 2.06 0.00	37.87 1.79 0.00	41.67 1.80 0.00	44.36 1.89 0.00	49.74 2.45 0.00	52.70 2.78 0.00	70.46 3.36 0.00	58.67 2.78 0.00	61.12 3.18 0.00	36.07 1.56 0.00	49.74 2.84 -0.12	245.22 14.70 -0.09	55.81 3.05 -4.85	50.08 3.18 -4.29	39.37 2.37 0.00	49.41 3.04 0.00	69.60 4.34 -1.18	51.89 2.98 -0.27	50.14 2.48 0.00	43.43 2.12 -0.10	57.27 2.98 -0.23	45.93 2.63 -0.46	42.35 2.41 0.00
GOWANUS_GT3_7 24128	61.18 3.36 0.00	41.70 2.06 0.00	37.87 1.79 0.00	41.67 1.80 0.00	44.36 1.89 0.00	49.74 2.45 0.00	52.70 2.78 0.00	70.46 3.36 0.00	58.67 2.78 0.00	61.12 3.18 0.00	36.07 1.56 0.00	49.74 2.84 -0.12	245.22 14.70 -0.09	55.81 3.05 -4.85	50.08 3.18 -4.29	39.37 2.37 0.00	49.41 3.04 0.00	69.60 4.34 -1.18	51.89 2.98 -0.27	50.14 2.48 0.00	43.43 2.12 -0.10	57.27 2.98 -0.23	45.93 2.63 -0.46	42.35 2.41 0.00
GOWANUS_GT3_8 24129	61.18 3.36 0.00	41.70 2.06 0.00	37.87 1.79 0.00	41.67 1.80 0.00	44.36 1.89 0.00	49.74 2.45 0.00	52.70 2.78 0.00	70.46 3.36 0.00	58.67 2.78 0.00	61.12 3.18 0.00	36.07 1.56 0.00	49.74 2.84 -0.12	245.22 14.70 -0.09	55.81 3.05 -4.85	50.08 3.18 -4.29	39.37 2.37 0.00	49.41 3.04 0.00	69.60 4.34 -1.18	51.89 2.98 -0.27	50.14 2.48 0.00	43.43 2.12 -0.10	57.27 2.98 -0.23	45.93 2.63 -0.46	42.35 2.41 0.00
GOWANUS_GT4_1 24130	61.17 3.35 0.00	41.69 2.06 0.00	37.87 1.79 0.00	41.67 1.80 0.00	44.36 1.89 0.00	49.72 2.43 0.00	52.70 2.78 0.00	70.42 3.32 0.00	58.66 2.77 0.00	61.12 3.19 0.00	36.07 1.55 0.00	49.74 2.85 -0.12	245.23 14.70 -0.09	55.77 3.01 -4.85	50.07 3.16 -4.29	39.37 2.36 0.00	49.36 2.99 0.00	69.49 4.23 -1.18	51.90 2.98 -0.27	50.14 2.49 0.00	43.44 2.13 -0.10	57.28 2.99 -0.23	45.93 2.63 -0.46	42.35 2.41 0.00
GOWANUS_GT4_2 24131	61.17 3.35 0.00	41.69 2.06 0.00	37.87 1.79 0.00	41.67 1.80 0.00	44.36 1.89 0.00	49.72 2.43 0.00	52.70 2.78 0.00	70.42 3.32 0.00	58.66 2.77 0.00	61.12 3.19 0.00	36.07 1.55 0.00	49.74 2.85 -0.12	245.23 14.70 -0.09	55.77 3.01 -4.85	50.07 3.16 -4.29	39.37 2.36 0.00	49.36 2.99 0.00	69.49 4.23 -1.18	51.90 2.98 -0.27	50.14 2.49 0.00	43.44 2.13 -0.10	57.28 2.99 -0.23	45.93 2.63 -0.46	42.35 2.41 0.00
GOWANUS_GT4_3 24132	61.17 3.35 0.00	41.69 2.06 0.00	37.87 1.79 0.00	41.67 1.80 0.00	44.36 1.89 0.00	49.72 2.43 0.00	52.70 2.78 0.00	70.42 3.32 0.00	58.66 2.77 0.00	61.12 3.19 0.00	36.07 1.55 0.00	49.74 2.85 -0.12	245.23 14.70 -0.09	55.77 3.01 -4.85	50.07 3.16 -4.29	39.37 2.36 0.00	49.36 2.99 0.00	69.49 4.23 -1.18	51.90 2.98 -0.27	50.14 2.49 0.00	43.44 2.13 -0.10	57.28 2.99 -0.23	45.93 2.63 -0.46	42.35 2.41 0.00

GOWANUS_GT4_4 24133	61.17 3.35 0.00	41.69 2.06 0.00	37.87 1.79 0.00	41.67 1.80 0.00	44.36 1.89 0.00	49.72 2.43 0.00	52.70 2.78 0.00	70.42 3.32 0.00	58.66 2.77 0.00	61.12 3.19 0.00	36.07 1.55 0.00	49.74 2.85 -0.12	245.23 14.70 -0.09	55.77 3.01 -4.85	50.07 3.16 -4.29	39.37 2.36 0.00	49.36 2.99 0.00	69.49 4.23 -1.18	51.90 2.98 -0.27	50.14 2.49 0.00	43.44 2.13 -0.10	57.28 2.99 -0.23	45.93 2.63 -0.46	42.35 2.41 0.00
GOWANUS_GT4_5 24134	61.17 3.35 0.00	41.69 2.06 0.00	37.87 1.79 0.00	41.67 1.80 0.00	44.36 1.89 0.00	49.72 2.43 0.00	52.70 2.78 0.00	70.42 3.32 0.00	58.66 2.77 0.00	61.12 3.19 0.00	36.07 1.55 0.00	49.74 2.85 -0.12	245.23 14.70 -0.09	55.77 3.01 -4.85	50.07 3.16 -4.29	39.37 2.36 0.00	49.36 2.99 0.00	69.49 4.23 -1.18	51.90 2.98 -0.27	50.14 2.49 0.00	43.44 2.13 -0.10	57.28 2.99 -0.23	45.93 2.63 -0.46	42.35 2.41 0.00
GOWANUS_GT4_6 24135	61.17 3.35 0.00	41.69 2.06 0.00	37.87 1.79 0.00	41.67 1.80 0.00	44.36 1.89 0.00	49.72 2.43 0.00	52.70 2.78 0.00	70.42 3.32 0.00	58.66 2.77 0.00	61.12 3.19 0.00	36.07 1.55 0.00	49.74 2.85 -0.12	245.23 14.70 -0.09	55.77 3.01 -4.85	50.07 3.16 -4.29	39.37 2.36 0.00	49.36 2.99 0.00	69.49 4.23 -1.18	51.90 2.98 -0.27	50.14 2.49 0.00	43.44 2.13 -0.10	57.28 2.99 -0.23	45.93 2.63 -0.46	42.35 2.41 0.00
GOWANUS_GT4_7 24136	61.17 3.35 0.00	41.69 2.06 0.00	37.87 1.79 0.00	41.67 1.80 0.00	44.36 1.89 0.00	49.72 2.43 0.00	52.70 2.78 0.00	70.42 3.32 0.00	58.66 2.77 0.00	61.12 3.19 0.00	36.07 1.55 0.00	49.74 2.85 -0.12	245.23 14.70 -0.09	55.77 3.01 -4.85	50.07 3.16 -4.29	39.37 2.36 0.00	49.36 2.99 0.00	69.49 4.23 -1.18	51.90 2.98 -0.27	50.14 2.49 0.00	43.44 2.13 -0.10	57.28 2.99 -0.23	45.93 2.63 -0.46	42.35 2.41 0.00
GOWANUS_GT4_8 24137	61.17 3.35 0.00	41.69 2.06 0.00	37.87 1.79 0.00	41.67 1.80 0.00	44.36 1.89 0.00	49.72 2.43 0.00	52.70 2.78 0.00	70.42 3.32 0.00	58.66 2.77 0.00	61.12 3.19 0.00	36.07 1.55 0.00	49.74 2.85 -0.12	245.23 14.70 -0.09	55.77 3.01 -4.85	50.07 3.16 -4.29	39.37 2.36 0.00	49.36 2.99 0.00	69.49 4.23 -1.18	51.90 2.98 -0.27	50.14 2.49 0.00	43.44 2.13 -0.10	57.28 2.99 -0.23	45.93 2.63 -0.46	42.35 2.41 0.00
GREENBSH_115KV_TB3 55895	58.89 1.08 0.00	40.44 0.80 0.00	36.83 0.75 0.00	40.62 0.74 0.00	43.23 0.75 0.00	48.12 0.83 0.00	50.88 0.96 0.00	68.26 1.16 0.00	56.91 1.02 0.00	59.10 1.16 0.00	35.22 0.71 0.00	47.62 0.85 0.00	234.46 4.03 0.00	48.93 1.02 0.00	43.63 1.02 0.00	37.87 0.87 0.00	47.46 1.09 0.00	66.17 1.22 -0.87	49.66 0.81 -0.20	48.39 0.73 0.00	41.82 0.54 -0.07	55.49 1.26 -0.17	44.13 0.96 -0.34	40.64 0.70 0.00
GREENDGE_115KV_TB5 80291	50.25 -1.47 6.10	3.55 -1.17 34.91	35.07 -1.01 0.00	38.82 -1.05 0.00	41.39 -1.09 0.00	46.10 -1.19 0.00	45.15 -1.30 3.48	29.59 -2.37 35.14	30.40 -2.07 23.42	35.00 -2.44 20.49	22.43 -1.54 10.54	40.16 -2.14 4.47	64.62 -12.41 153.41	12.35 -2.58 32.97	11.22 -2.25 29.14	30.17 -1.91 4.93	9.28 -2.59 34.50	-1.17 -3.09 62.16	44.65 -2.23 1.76	47.99 -1.99 -2.31	43.12 -1.47 -3.39	72.38 -0.35 -18.67	39.88 -1.61 1.35	38.82 -1.12 0.00
GREENIDGE___3 23582	50.25 -1.47 6.10	3.55 -1.17 34.91	35.07 -1.01 0.00	38.82 -1.05 0.00	41.39 -1.09 0.00	46.10 -1.19 0.00	45.15 -1.30 3.48	29.59 -2.37 35.14	30.40 -2.07 23.42	35.00 -2.44 20.49	22.43 -1.54 10.54	40.16 -2.14 4.47	64.62 -12.41 153.41	12.35 -2.58 32.97	11.22 -2.25 29.14	30.17 -1.91 4.93	9.28 -2.59 34.50	-1.17 -3.09 62.16	44.65 -2.23 1.76	47.99 -1.99 -2.31	43.12 -1.47 -3.39	72.38 -0.35 -18.67	39.88 -1.61 1.35	38.82 -1.12 0.00
GREENIDGE___4 23583	50.24 -1.47 6.10	3.52 -1.21 34.91	35.07 -1.01 0.00	38.83 -1.05 0.00	41.39 -1.09 0.00	46.11 -1.18 0.00	45.14 -1.30 3.48	29.48 -2.48 35.14	30.30 -2.17 23.42	34.96 -2.49 20.49	22.41 -1.56 10.54	40.16 -2.14 4.47	64.68 -12.35 153.41	12.28 -2.65 32.97	11.13 -2.34 29.14	30.14 -1.93 4.93	9.14 -2.73 34.50	-1.51 -3.44 62.16	44.65 -2.23 1.76	47.98 -1.99 -2.31	43.10 -1.49 -3.39	72.38 -0.34 -18.67	39.87 -1.61 1.35	38.82 -1.12 0.00
GREENLWN_69_KV_BK 3 55738	63.53 3.10 -2.62	48.40 2.15 -6.61	38.05 1.96 -0.01	41.82 1.95 0.00	44.46 1.98 0.00	49.80 2.51 0.00	52.82 2.89 -0.01	70.39 3.29 0.00	63.85 2.91 -5.05	65.69 3.17 -4.58	41.60 1.76 -5.33	49.60 2.71 -0.12	242.65 10.76 -1.45	57.08 2.57 -6.60	61.05 3.05 -15.40	55.59 2.35 -16.24	51.69 2.92 -2.40	69.92 3.74 -2.10	58.16 2.50 -7.02	49.48 1.83 0.00	42.97 1.66 -0.10	56.12 1.83 -0.23	63.69 2.19 -18.66	48.48 2.39 -6.15
GREENWD_138_KV_38B11_REV_LBMP_J 345004	61.17 3.35 0.00	41.69 2.06 0.00	37.87 1.79 0.00	41.67 1.80 0.00	44.36 1.89 0.00	49.72 2.43 0.00	52.70 2.78 0.00	70.42 3.32 0.00	58.66 2.77 0.00	61.12 3.19 0.00	36.07 1.55 0.00	49.74 2.85 -0.12	245.23 14.70 -0.09	55.77 3.01 -4.85	50.07 3.16 -4.29	39.37 2.36 0.00	49.36 2.99 0.00	69.49 4.23 -1.18	51.90 2.98 -0.27	50.14 2.49 0.00	43.44 2.13 -0.10	57.28 2.99 -0.23	45.93 2.63 -0.46	42.35 2.41 0.00
GRISSOM___SOLAR 323813	60.63 2.81 0.00	41.49 1.86 0.00	37.72 1.64 0.00	41.63 1.75 0.00	44.31 1.84 0.00	49.36 2.08 0.00	52.54 2.31 -0.31	73.37 3.08 -3.19	60.42 2.68 -1.85	61.64 2.62 -1.08	36.72 1.56 -0.65	48.86 1.97 -0.12	238.72 7.92 -0.37	54.41 1.66 -4.85	48.43 1.54 -4.28	38.97 1.52 -0.45	51.73 2.16 -3.20	72.49 2.92 -5.49	51.03 2.10 -0.27	50.11 2.45 0.00	43.69 2.06 -0.43	57.03 2.74 -0.23	45.24 1.95 -0.46	41.71 1.77 0.00
GROVEVILLE___HYD 323602	61.10 3.28 0.00	41.67 2.03 0.00	37.86 1.78 0.00	41.69 1.82 0.00	44.38 1.90 0.00	49.65 2.36 0.00	52.61 2.70 0.00	70.41 3.31 0.00	58.74 2.85 0.00	61.20 3.26 0.00	36.30 1.79 0.00	49.72 2.83 -0.12	244.75 14.22 -0.09	55.70 2.96 -4.83	49.92 3.04 -4.27	39.42 2.42 0.00	49.47 3.10 0.00	69.57 4.31 -1.17	51.97 3.05 -0.27	50.40 2.74 0.00	43.62 2.31 -0.10	57.58 3.30 -0.23	45.98 2.69 -0.46	42.35 2.41 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	56.88 -0.24 0.70	35.43 -0.20 4.00	35.89 -0.19 0.00	39.65 -0.23 0.00	42.22 -0.26 0.00	46.99 -0.30 0.00	49.11 -0.35 0.46	61.53 -0.96 4.61	52.09 -0.76 3.04	55.06 -0.84 2.04	32.62 -0.54 1.35	45.38 -0.75 0.64	216.06 -3.98 10.40	39.28 -0.86 7.76	34.85 -0.90 6.86	35.51 -0.84 0.64	41.14 -1.00 4.23	56.45 -1.04 6.59	47.53 -0.76 0.36	47.04 -0.62 0.00	40.27 -0.42 0.51	53.54 -0.22 0.30	41.79 -0.45 0.60	39.70 -0.24 0.00
HAMLTNNY_34_KV_TB 80303	56.65 -0.23 0.93	34.14 -0.18 5.32	35.92 -0.16 0.00	39.69 -0.18 0.00	42.27 -0.21 0.00	47.02 -0.27 0.00	49.01 -0.32 0.58	60.24 -0.95 5.91	51.28 -0.72 3.90	54.47 -0.86 2.61	32.21 -0.57 1.73	45.14 -0.83 0.80	212.81 -4.37 13.25	38.16 -0.94 8.81	33.81 -1.02 7.79	35.27 -0.90 0.83	39.74 -1.11 5.52	53.07 -1.13 9.88	47.37 -0.86 0.42	47.02 -0.64 0.00	40.18 -0.36 0.66	53.69 -0.03 0.34	41.73 -0.40 0.70	39.75 -0.19 0.00

HAMPSHIRE___PAPER_HYD 323593	54.94 -2.88 0.00	37.60 -2.03 0.00	34.36 -1.73 0.00	38.16 -1.72 0.00	40.80 -1.67 0.00	45.38 -1.91 0.00	47.80 -2.12 0.00	63.43 -3.68 0.00	52.52 -3.37 0.00	54.69 -3.25 0.00	32.68 -1.84 0.00	44.36 -2.41 0.00	218.92 -11.51 0.00	45.20 -2.71 0.00	40.07 -2.54 0.00	35.18 -1.82 0.00	44.07 -2.30 0.00	60.84 -3.25 0.00	46.61 -2.03 0.00	46.09 -1.57 0.00	39.84 -1.36 0.00	51.28 -2.79 0.00	40.69 -2.15 0.00	37.89 -2.06 0.00
HARDSCRABBLE_WT_PWR 323673	59.83 2.01 0.00	40.93 1.30 0.00	37.27 1.18 0.00	40.89 1.01 0.00	43.33 0.85 0.00	47.89 0.60 0.00	50.30 0.38 0.00	67.80 0.70 0.00	56.67 0.78 0.00	59.09 1.16 0.00	35.27 0.76 0.00	47.65 0.87 0.00	234.46 4.03 0.00	49.00 1.10 0.00	43.85 1.24 0.00	38.22 1.22 0.00	48.10 1.73 0.00	65.85 1.77 0.00	49.85 1.21 0.00	49.22 1.56 0.00	42.71 1.51 0.00	56.67 2.61 0.00	44.74 1.91 0.00	41.50 1.56 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	61.34 2.98 -0.55	44.58 1.80 -3.15	37.59 1.51 0.00	41.39 1.52 0.00	44.07 1.59 0.00	49.32 2.03 0.00	52.55 2.34 -0.29	72.85 2.78 -2.96	59.99 2.38 -1.72	61.76 2.82 -1.00	36.56 1.53 -0.52	49.41 2.51 -0.13	243.16 12.37 -0.36	55.85 2.60 -5.34	50.08 2.74 -4.72	39.57 2.15 -0.41	52.14 2.77 -2.99	73.31 3.90 -5.33	51.64 2.69 -0.30	50.00 2.34 0.00	43.64 2.02 -0.42	57.15 2.83 -0.25	45.66 2.31 -0.51	42.09 2.15 0.00
HARSNRAD_115KV_TB1 81005	49.48 -4.60 3.74	15.31 -2.94 21.38	33.30 -2.78 0.00	36.92 -2.95 0.00	39.37 -3.10 0.00	44.01 -3.28 0.00	43.82 -3.95 2.15	40.15 -5.22 21.73	37.19 -4.50 14.20	41.65 -5.34 10.95	25.38 -2.94 6.20	39.86 -4.44 2.47	138.25 -23.96 68.22	24.57 -4.40 18.94	22.08 -3.79 16.73	30.70 -3.25 3.05	21.20 -3.85 21.33	22.36 -4.80 36.93	43.44 -4.22 0.98	42.02 -4.42 1.22	29.40 -3.25 8.56	40.14 -2.46 11.47	36.97 -3.37 2.50	37.64 -2.30 0.00
HARZA MOOSE___RIVER 24016	57.10 -0.71 0.00	38.93 -0.71 0.00	35.42 -0.67 0.00	39.31 -0.56 0.00	42.04 -0.44 0.00	46.75 -0.54 0.00	49.22 -0.70 0.00	65.20 -1.90 0.00	54.08 -1.81 0.00	56.54 -1.39 0.00	33.70 -0.81 0.00	45.80 -0.98 0.00	226.48 -3.95 0.00	46.63 -1.28 0.00	41.43 -1.18 0.00	36.31 -0.69 0.00	45.48 -0.89 0.00	62.68 -1.40 0.00	47.99 -0.65 0.00	47.44 -0.22 0.00	40.92 -0.28 0.00	52.99 -1.08 0.00	41.85 -0.99 0.00	39.09 -0.85 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	57.23 -0.58 0.00	39.18 -0.45 0.00	35.66 -0.42 0.00	39.40 -0.47 0.00	41.95 -0.53 0.00	46.69 -0.59 0.00	48.93 -0.70 0.30	62.70 -1.41 2.98	53.01 -1.15 1.74	55.69 -1.24 1.01	33.14 -0.75 0.61	45.61 -1.01 0.15	224.71 -5.33 0.39	40.38 -1.15 6.38	35.85 -1.11 5.64	35.54 -1.05 0.42	43.57 -1.20 1.60	61.58 -1.30 1.20	47.40 -0.96 0.28	46.78 -0.88 0.00	40.40 -0.70 0.10	53.28 -0.55 0.23	41.66 -0.71 0.47	39.49 -0.45 0.00
HELLGATE_13_KV_LD 55870	61.09 3.27 0.00	41.64 2.00 0.00	37.85 1.77 0.00	41.68 1.80 0.00	44.36 1.89 0.00	49.70 2.41 0.00	52.69 2.77 0.00	70.43 3.32 0.00	58.70 2.81 0.00	61.23 3.30 0.00	36.12 1.61 0.00	49.83 2.94 -0.12	245.41 14.88 -0.09	55.89 3.13 -4.85	50.13 3.23 -4.29	39.42 2.42 0.00	49.42 3.05 0.00	69.64 4.38 -1.18	51.95 3.03 -0.27	50.20 2.54 0.00	43.49 2.18 -0.10	57.33 3.04 -0.23	45.92 2.63 -0.46	42.36 2.42 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	61.09 3.27 0.00	41.64 2.00 0.00	37.85 1.77 0.00	41.68 1.80 0.00	44.36 1.89 0.00	49.70 2.41 0.00	52.69 2.77 0.00	70.43 3.32 0.00	58.70 2.81 0.00	61.23 3.30 0.00	36.12 1.61 0.00	49.83 2.94 -0.12	245.41 14.88 -0.09	55.89 3.13 -4.85	50.13 3.23 -4.29	39.42 2.42 0.00	49.42 3.05 0.00	69.64 4.38 -1.18	51.95 3.03 -0.27	50.20 2.54 0.00	43.49 2.18 -0.10	57.33 3.04 -0.23	45.92 2.63 -0.46	42.36 2.42 0.00
HEMPSTEAD____ 23647	65.08 3.60 -3.66	51.19 2.34 -9.22	38.18 2.09 -0.01	41.99 2.11 0.00	44.65 2.18 0.00	50.03 2.74 0.00	53.06 3.13 -0.02	70.92 3.82 0.00	66.19 3.26 -7.04	67.96 3.64 -6.38	43.91 1.96 -7.43	49.93 3.04 -0.12	245.54 13.12 -1.99	58.29 3.09 -7.29	65.82 3.43 -19.77	62.29 2.65 -22.64	53.11 3.39 -3.34	71.14 4.59 -2.47	61.45 3.14 -9.67	50.26 2.60 0.00	43.61 2.31 -0.10	56.29 2.73 0.50	71.33 2.67 -25.83	51.23 2.71 -8.57
HICKLING___1 23621	45.87 -1.92 10.03	-19.52 -1.73 57.42	34.65 -1.43 0.00	38.39 -1.49 0.00	40.92 -1.56 0.00	45.50 -1.79 0.00	42.43 -1.81 5.67	6.30 -3.42 57.39	14.57 -2.96 38.37	24.36 -3.26 30.32	15.18 -2.00 17.33	37.29 -2.17 7.31	14.06 -13.24 203.13	-6.67 -2.98 51.59	-5.29 -2.31 45.59	27.14 -1.80 8.06	-12.81 -2.60 56.58	-41.48 -3.43 102.14	43.40 -2.45 2.79	45.94 -2.60 -0.88	33.83 -1.97 5.40	58.65 0.19 -4.40	36.54 -2.23 4.07	38.35 -1.59 0.00
HICKLING___2 23622	45.87 -1.92 10.03	-19.52 -1.73 57.42	34.65 -1.43 0.00	38.39 -1.49 0.00	40.92 -1.56 0.00	45.50 -1.79 0.00	42.43 -1.81 5.67	6.30 -3.42 57.39	14.57 -2.96 38.37	24.36 -3.26 30.32	15.18 -2.00 17.33	37.29 -2.17 7.31	14.06 -13.24 203.13	-6.67 -2.98 51.59	-5.29 -2.31 45.59	27.14 -1.80 8.06	-12.81 -2.60 56.58	-41.48 -3.43 102.14	43.40 -2.45 2.79	45.94 -2.60 -0.88	33.83 -1.97 5.40	58.65 0.19 -4.40	36.54 -2.23 4.07	38.35 -1.59 0.00
HIGH FALLS___HY 23754	61.64 3.29 -0.53	44.68 2.01 -3.04	37.80 1.71 0.00	41.62 1.75 0.00	44.32 1.85 0.00	49.61 2.32 0.00	52.58 2.66 0.00	70.35 3.25 0.00	58.69 2.80 0.00	61.15 3.22 0.00	36.26 1.75 0.00	49.70 2.80 -0.12	243.72 13.19 -0.10	55.69 2.70 -5.09	49.92 2.81 -4.50	39.19 2.19 0.00	50.59 2.84 -1.38	73.03 3.93 -5.02	51.93 3.00 -0.29	50.42 2.76 0.00	44.00 2.39 -0.40	57.65 3.35 -0.24	46.01 2.69 -0.48	42.36 2.42 0.00
HIGH_RIVER___SOLAR 323847	59.92 2.11 0.00	41.02 1.39 0.00	37.32 1.24 0.00	41.21 1.33 0.00	43.87 1.40 0.00	48.87 1.59 0.00	51.63 1.72 0.00	69.30 2.21 0.00	57.75 1.86 0.00	59.85 1.91 0.00	35.63 1.12 0.00	48.28 1.41 -0.10	236.50 5.99 -0.08	53.34 1.32 -4.12	47.48 1.23 -3.64	38.20 1.20 0.00	47.98 1.61 0.00	67.23 2.14 -1.00	50.30 1.42 -0.23	49.35 1.70 0.00	42.70 1.41 -0.09	56.31 2.05 -0.19	44.72 1.49 -0.39	41.27 1.33 0.00
HILLBURN___GT 23639	61.23 2.87 -0.54	44.44 1.70 -3.10	37.49 1.41 0.00	41.28 1.41 0.00	43.94 1.47 0.00	49.24 1.95 0.00	52.17 2.25 0.00	69.79 2.69 0.00	58.17 2.28 0.00	60.65 2.72 0.00	35.96 1.45 0.00	49.30 2.40 -0.13	241.98 11.45 -0.10	55.59 2.41 -5.27	49.96 2.69 -4.66	39.07 2.06 0.00	50.46 2.70 -1.38	73.20 3.86 -5.25	51.53 2.58 -0.30	49.86 2.20 0.00	43.51 1.90 -0.41	56.84 2.53 -0.25	45.44 2.11 -0.50	42.00 2.06 0.00
HILLSIDE_115KV_TB1 80332	43.70 -2.62 11.50	-28.42 -2.24 65.82	34.24 -1.84 0.00	37.93 -1.94 0.00	40.43 -2.04 0.00	44.93 -2.36 0.00	41.07 -2.35 6.49	-2.86 -4.27 65.68	8.13 -3.67 44.09	19.99 -3.90 34.05	12.09 -2.39 20.04	35.54 -2.57 8.66	-9.24 -15.31 224.35	-16.50 -3.46 60.95	-13.89 -2.65 53.86	25.83 -1.95 9.22	-21.26 -2.82 64.81	-57.99 -3.87 118.20	42.60 -2.73 3.31	45.36 -2.99 -0.69	32.01 -2.30 6.89	57.27 0.02 -3.19	35.22 -2.55 5.07	38.06 -1.89 0.00

HISHELDN_WT_PWR 323625	49.06 -3.69 5.06	8.09 -2.59 28.96	33.73 -2.35 0.00	37.40 -2.48 0.00	39.85 -2.63 0.00	44.50 -2.78 0.00	43.67 -3.34 2.91	32.76 -4.99 29.35	32.50 -4.23 19.16	38.20 -4.84 14.90	23.36 -2.74 8.41	39.62 -3.83 3.33	115.44 -20.83 94.15	19.07 -4.35 24.49	17.20 -3.77 21.64	29.59 -3.31 4.10	13.31 -4.32 28.74	8.44 -5.64 50.01	43.24 -4.11 1.30	39.08 -4.33 4.25	14.76 -3.52 22.93	13.34 -2.43 38.29	34.27 -3.45 5.12	37.47 -2.48 0.00
HOLTSVILLE_IC_1 23690	63.89 3.50 -2.57	48.56 2.44 -6.48	38.34 2.25 -0.01	42.13 2.25 0.00	44.72 2.25 0.00	50.11 2.82 0.00	53.21 3.28 -0.01	70.95 3.85 0.00	64.12 3.28 -4.95	66.00 3.58 -4.49	41.61 1.87 -5.23	49.69 2.80 -0.12	240.77 8.91 -1.43	56.72 2.25 -6.57	60.87 3.08 -15.18	55.35 2.43 -15.92	51.89 3.17 -2.35	70.44 4.27 -2.09	58.30 2.78 -6.88	49.72 2.06 0.00	43.25 1.94 -0.10	56.40 2.11 -0.23	63.42 2.28 -18.30	48.58 2.62 -6.03
HOLTSVILLE_IC_10 23699	64.16 3.76 -2.59	48.76 2.60 -6.52	38.49 2.40 -0.01	42.28 2.41 0.00	44.88 2.41 0.00	50.29 3.01 0.00	53.41 3.48 -0.01	71.22 4.12 0.00	64.38 3.51 -4.98	66.28 3.83 -4.52	41.80 2.02 -5.26	49.88 2.99 -0.12	240.04 8.18 -1.43	56.57 2.09 -6.58	61.13 3.28 -15.24	55.63 2.61 -16.01	52.17 3.43 -2.37	70.82 4.65 -2.09	58.62 3.05 -6.92	49.98 2.32 0.00	43.49 2.18 -0.10	56.64 2.35 -0.23	63.64 2.40 -18.40	48.83 2.82 -6.06
HOLTSVILLE_IC_2 23691	63.89 3.50 -2.57	48.56 2.44 -6.48	38.34 2.25 -0.01	42.13 2.25 0.00	44.72 2.25 0.00	50.11 2.82 0.00	53.21 3.28 -0.01	70.95 3.85 0.00	64.12 3.28 -4.95	66.00 3.58 -4.49	41.61 1.87 -5.23	49.69 2.80 -0.12	240.77 8.91 -1.43	56.72 2.25 -6.57	60.87 3.08 -15.18	55.35 2.43 -15.92	51.89 3.17 -2.35	70.44 4.27 -2.09	58.30 2.78 -6.88	49.72 2.06 0.00	43.25 1.94 -0.10	56.40 2.11 -0.23	63.42 2.28 -18.30	48.58 2.62 -6.03
HOLTSVILLE_IC_3 23692	63.89 3.50 -2.57	48.56 2.44 -6.48	38.34 2.25 -0.01	42.13 2.25 0.00	44.72 2.25 0.00	50.11 2.82 0.00	53.21 3.28 -0.01	70.95 3.85 0.00	64.12 3.28 -4.95	66.00 3.58 -4.49	41.61 1.87 -5.23	49.69 2.80 -0.12	240.77 8.91 -1.43	56.72 2.25 -6.57	60.87 3.08 -15.18	55.35 2.43 -15.92	51.89 3.17 -2.35	70.44 4.27 -2.09	58.30 2.78 -6.88	49.72 2.06 0.00	43.25 1.94 -0.10	56.40 2.11 -0.23	63.42 2.28 -18.30	48.58 2.62 -6.03
HOLTSVILLE_IC_4 23693	63.89 3.50 -2.57	48.56 2.44 -6.48	38.34 2.25 -0.01	42.13 2.25 0.00	44.72 2.25 0.00	50.11 2.82 0.00	53.21 3.28 -0.01	70.95 3.85 0.00	64.12 3.28 -4.95	66.00 3.58 -4.49	41.61 1.87 -5.23	49.69 2.80 -0.12	240.77 8.91 -1.43	56.72 2.25 -6.57	60.87 3.08 -15.18	55.35 2.43 -15.92	51.89 3.17 -2.35	70.44 4.27 -2.09	58.30 2.78 -6.88	49.72 2.06 0.00	43.25 1.94 -0.10	56.40 2.11 -0.23	63.42 2.28 -18.30	48.58 2.62 -6.03
HOLTSVILLE_IC_5 23694	63.89 3.50 -2.57	48.56 2.44 -6.48	38.34 2.25 -0.01	42.13 2.25 0.00	44.72 2.25 0.00	50.11 2.82 0.00	53.21 3.28 -0.01	70.95 3.85 0.00	64.12 3.28 -4.95	66.00 3.58 -4.49	41.61 1.87 -5.23	49.69 2.80 -0.12	240.77 8.91 -1.43	56.72 2.25 -6.57	60.87 3.08 -15.18	55.35 2.43 -15.92	51.89 3.17 -2.35	70.44 4.27 -2.09	58.30 2.78 -6.88	49.72 2.06 0.00	43.25 1.94 -0.10	56.40 2.11 -0.23	63.42 2.28 -18.30	48.58 2.62 -6.03
HOLTSVILLE_IC_6 23695	64.16 3.76 -2.59	48.76 2.60 -6.52	38.49 2.40 -0.01	42.28 2.41 0.00	44.88 2.41 0.00	50.29 3.01 0.00	53.41 3.48 -0.01	71.22 4.12 0.00	64.38 3.51 -4.98	66.28 3.83 -4.52	41.80 2.02 -5.26	49.88 2.99 -0.12	240.04 8.18 -1.43	56.57 2.09 -6.58	61.13 3.28 -15.24	55.63 2.61 -16.01	52.17 3.43 -2.37	70.82 4.65 -2.09	58.62 3.05 -6.92	49.98 2.32 0.00	43.49 2.18 -0.10	56.64 2.35 -0.23	63.64 2.40 -18.40	48.83 2.82 -6.06
HOLTSVILLE_IC_7 23696	64.16 3.76 -2.59	48.76 2.60 -6.52	38.49 2.40 -0.01	42.28 2.41 0.00	44.88 2.41 0.00	50.29 3.01 0.00	53.41 3.48 -0.01	71.22 4.12 0.00	64.38 3.51 -4.98	66.28 3.83 -4.52	41.80 2.02 -5.26	49.88 2.99 -0.12	240.04 8.18 -1.43	56.57 2.09 -6.58	61.13 3.28 -15.24	55.63 2.61 -16.01	52.17 3.43 -2.37	70.82 4.65 -2.09	58.62 3.05 -6.92	49.98 2.32 0.00	43.49 2.18 -0.10	56.64 2.35 -0.23	63.64 2.40 -18.40	48.83 2.82 -6.06
HOLTSVILLE_IC_8 23697	64.16 3.76 -2.59	48.76 2.60 -6.52	38.49 2.40 -0.01	42.28 2.41 0.00	44.88 2.41 0.00	50.29 3.01 0.00	53.41 3.48 -0.01	71.22 4.12 0.00	64.38 3.51 -4.98	66.28 3.83 -4.52	41.80 2.02 -5.26	49.88 2.99 -0.12	240.04 8.18 -1.43	56.57 2.09 -6.58	61.13 3.28 -15.24	55.63 2.61 -16.01	52.17 3.43 -2.37	70.82 4.65 -2.09	58.62 3.05 -6.92	49.98 2.32 0.00	43.49 2.18 -0.10	56.64 2.35 -0.23	63.64 2.40 -18.40	48.83 2.82 -6.06
HOLTSVILLE_IC_9 23698	64.16 3.76 -2.59	48.76 2.60 -6.52	38.49 2.40 -0.01	42.28 2.41 0.00	44.88 2.41 0.00	50.29 3.01 0.00	53.41 3.48 -0.01	71.22 4.12 0.00	64.38 3.51 -4.98	66.28 3.83 -4.52	41.80 2.02 -5.26	49.88 2.99 -0.12	240.04 8.18 -1.43	56.57 2.09 -6.58	61.13 3.28 -15.24	55.63 2.61 -16.01	52.17 3.43 -2.37	70.82 4.65 -2.09	58.62 3.05 -6.92	49.98 2.32 0.00	43.49 2.18 -0.10	56.64 2.35 -0.23	63.64 2.40 -18.40	48.83 2.82 -6.06
HOMER_HL_115KV_TB2 355744	49.31 -3.22 5.29	7.06 -2.31 30.27	34.03 -2.06 0.00	37.77 -2.11 0.00	40.22 -2.25 0.00	44.92 -2.37 0.00	44.30 -2.58 3.03	32.74 -3.74 30.62	32.69 -3.43 19.77	38.77 -3.78 15.38	23.62 -2.30 8.60	40.22 -3.16 3.40	116.53 -17.02 96.87	19.72 -3.30 24.89	17.92 -2.70 21.99	30.36 -2.39 4.26	13.56 -2.80 30.02	8.27 -3.86 51.96	43.90 -3.42 1.33	43.95 -3.36 0.35	32.51 -2.52 6.17	48.64 -1.28 4.14	37.57 -2.79 2.47	38.01 -1.93 0.00
HOWARD_WT_PWR 323690	49.15 -2.00 6.67	-0.26 -1.72 38.17	34.54 -1.54 0.00	38.33 -1.55 0.00	40.96 -1.52 0.00	45.65 -1.64 0.00	44.00 -2.12 3.80	24.99 -3.73 38.38	27.39 -3.10 25.40	32.98 -3.57 21.38	21.06 -2.11 11.34	39.45 -2.65 4.67	63.31 -15.09 152.03	10.48 -3.55 33.88	9.73 -2.94 29.94	28.96 -2.67 5.38	4.65 -4.00 37.72	-8.62 -5.60 67.11	43.13 -3.70 1.82	48.86 -3.66 -4.87	52.56 -3.01 -14.36	92.72 -2.38 -41.04	39.81 -3.35 -0.33	37.14 -2.80 0.00
HQ_GEN_CEDARS 23644	56.95 -0.86 0.00	39.25 -0.38 0.00	35.82 -0.26 0.00	39.68 -0.20 0.00	42.32 -0.16 0.00	47.09 -0.20 0.00	49.69 -0.23 0.00	66.75 -0.35 0.00	55.45 -0.44 0.00	57.26 -0.67 0.00	34.23 -0.28 0.00	46.35 -0.42 0.00	228.22 -2.21 0.00	47.50 -0.41 0.00	42.10 -0.51 0.00	36.76 -0.24 0.00	46.01 -0.36 0.00	63.63 -0.45 0.00	48.65 0.00 0.00	47.74 0.08 0.00	41.35 0.15 0.00	53.62 -0.44 0.00	42.51 -0.32 0.00	39.43 -0.51 0.00
HQ_GEN_CEDARS_PROXY 323590	56.95 -0.87 0.00	39.26 -0.38 0.00	35.82 -0.26 0.00	39.68 -0.20 0.00	42.32 -0.16 0.00	47.07 -0.22 0.00	49.68 -0.23 0.00	66.94 -0.35 -0.18	55.47 -0.42 0.00	57.28 -0.65 0.00	27.43 -0.28 6.80	46.35 -0.42 0.00	228.23 -2.20 0.00	47.50 -0.41 0.00	41.06 -0.49 1.05	36.77 -0.23 0.00	46.04 -0.33 0.00	57.79 -0.45 5.84	46.27 0.00 2.38	44.20 0.09 3.55	38.02 0.15 3.33	41.58 -0.44 12.04	42.51 -0.32 0.00	39.43 -0.51 0.00

HQ_GEN_CHPE_PROXY 323851	60.96 3.15 0.00	42.85 1.92 -1.30	37.77 1.69 0.00	41.56 1.69 0.00	44.24 1.77 0.00	49.56 2.27 0.00	52.52 2.60 0.00	70.25 3.15 0.00	58.58 2.69 0.00	68.25 3.13 -7.18	27.83 1.42 8.11	49.68 2.79 -0.12	230.30 14.24 14.37	58.70 3.00 -7.80	49.25 3.09 -3.55	39.26 2.26 0.00	57.95 2.90 -8.68	64.04 4.20 4.24	57.63 2.88 -6.10	53.26 2.43 -3.17	54.14 2.03 -10.91	49.15 2.83 7.74	45.81 2.52 -0.46	42.34 2.30 -0.10
HQ_GEN_IMPORT 323601	57.60 -0.22 0.00	40.84 -0.09 -1.30	36.03 -0.05 0.00	39.85 -0.02 0.00	42.47 0.00 0.00	47.30 0.01 0.00	49.92 0.00 0.00	67.27 0.17 0.00	56.00 0.11 0.00	65.13 0.02 -7.18	26.44 0.04 8.11	46.81 0.04 0.00	216.24 0.27 14.46	50.90 0.06 -2.94	41.87 -0.01 0.74	37.07 0.06 0.00	46.46 0.09 0.00	58.80 0.14 5.42	54.68 0.21 -5.82	51.05 0.22 -3.17	52.24 0.22 -10.81	45.98 -0.11 7.97	42.86 0.03 0.00	39.98 -0.06 -0.10
HQ_GEN_WHEEL 23651	57.60 -0.22 0.00	40.84 -0.09 -1.30	36.03 -0.05 0.00	39.85 -0.02 0.00	42.47 0.00 0.00	47.30 0.01 0.00	49.92 0.00 0.00	67.27 0.17 0.00	56.00 0.11 0.00	65.13 0.02 -7.18	26.44 0.04 8.11	46.81 0.04 0.00	216.24 0.27 14.46	50.90 0.06 -2.94	41.87 -0.01 0.74	37.07 0.06 0.00	46.46 0.09 0.00	58.80 0.14 5.42	54.68 0.21 -5.82	51.05 0.22 -3.17	52.24 0.22 -10.81	45.98 -0.11 7.97	42.86 0.03 0.00	39.98 -0.06 -0.10
HUDSON AVE_GT_3 23810	61.05 3.24 0.00	41.60 1.96 0.00	37.82 1.74 0.00	41.62 1.75 0.00	44.29 1.81 0.00	49.61 2.33 0.00	52.60 2.68 0.00	70.31 3.21 0.00	58.65 2.76 0.00	61.17 3.24 0.00	36.06 1.55 0.00	49.78 2.89 -0.12	245.25 14.72 -0.09	55.83 3.06 -4.85	50.07 3.17 -4.29	39.37 2.37 0.00	49.36 2.99 0.00	69.53 4.26 -1.18	51.91 2.99 -0.27	50.20 2.54 0.00	43.45 2.15 -0.10	57.28 2.99 -0.23	45.90 2.60 -0.46	42.33 2.39 0.00
HUDSON AVE_GT_4 23540	61.05 3.24 0.00	41.60 1.96 0.00	37.82 1.74 0.00	41.62 1.75 0.00	44.29 1.81 0.00	49.61 2.33 0.00	52.60 2.68 0.00	70.31 3.21 0.00	58.65 2.76 0.00	61.17 3.24 0.00	36.06 1.55 0.00	49.78 2.89 -0.12	245.25 14.72 -0.09	55.83 3.06 -4.85	50.07 3.17 -4.29	39.37 2.37 0.00	49.36 2.99 0.00	69.53 4.26 -1.18	51.91 2.99 -0.27	50.20 2.54 0.00	43.45 2.15 -0.10	57.28 2.99 -0.23	45.90 2.60 -0.46	42.33 2.39 0.00
HUDSON AVE_GT_5 23657	61.05 3.24 0.00	41.60 1.96 0.00	37.82 1.74 0.00	41.62 1.75 0.00	44.29 1.81 0.00	49.61 2.33 0.00	52.60 2.68 0.00	70.31 3.21 0.00	58.65 2.76 0.00	61.17 3.24 0.00	36.06 1.55 0.00	49.78 2.89 -0.12	245.25 14.72 -0.09	55.83 3.06 -4.85	50.07 3.17 -4.29	39.37 2.37 0.00	49.36 2.99 0.00	69.53 4.26 -1.18	51.91 2.99 -0.27	50.20 2.54 0.00	43.45 2.15 -0.10	57.28 2.99 -0.23	45.90 2.60 -0.46	42.33 2.39 0.00
HUDSON_AVE_10 24168	-57.19 2.91 117.91	41.38 1.76 0.01	37.62 1.55 0.01	41.39 1.53 0.02	44.06 1.60 0.02	49.35 2.08 0.02	52.32 2.41 0.02	53.08 2.84 16.86	-556.49 2.42 614.80	60.83 2.90 0.01	27.61 1.35 8.25	49.51 2.62 -0.11	243.87 13.35 -0.09	55.55 2.79 -4.85	49.82 2.92 -4.28	39.16 2.16 0.00	49.12 2.75 0.00	69.19 3.93 -1.18	51.66 2.73 -0.27	49.95 2.29 0.00	43.22 1.92 -0.09	56.95 2.66 -0.22	-30.61 2.37 75.81	9.14 2.17 32.98
HUDSON___115KV_TB 4 355613	60.02 2.20 0.00	41.17 1.54 0.00	37.48 1.40 0.00	41.34 1.46 0.00	44.01 1.54 0.00	49.03 1.75 0.00	51.85 1.93 0.00	69.64 2.54 0.00	58.15 2.26 0.00	60.44 2.51 0.00	35.95 1.43 0.00	48.61 1.75 -0.09	238.05 7.55 -0.07	53.39 1.76 -3.73	47.78 1.87 -3.29	38.61 1.61 0.00	48.33 1.96 0.00	67.47 2.49 -0.90	50.55 1.70 -0.21	49.32 1.66 0.00	42.79 1.51 -0.08	56.73 2.49 -0.17	45.04 1.85 -0.35	41.45 1.51 0.00
HUNTER MOUNT___DRP 323613	60.26 2.44 0.00	41.33 1.70 0.00	37.63 1.55 0.00	41.50 1.62 0.00	44.18 1.71 0.00	49.22 1.93 0.00	52.08 2.16 0.00	69.99 2.89 0.00	58.49 2.60 0.00	60.77 2.84 0.00	36.18 1.66 0.00	48.94 2.07 -0.09	238.82 8.31 -0.08	53.76 1.95 -3.91	48.22 2.16 -3.45	38.84 1.83 0.00	48.63 2.26 0.00	67.94 2.91 -0.95	50.86 1.99 -0.22	49.64 1.98 0.00	43.05 1.77 -0.08	57.06 2.82 -0.18	45.31 2.10 -0.37	41.66 1.72 0.00
HUNTINGTON_RES_REC 323705	63.29 2.87 -2.60	48.21 2.03 -6.55	37.92 1.84 -0.01	41.69 1.82 0.00	44.30 1.82 0.00	49.65 2.36 0.00	52.66 2.73 -0.01	70.26 3.16 0.00	63.61 2.72 -5.00	65.45 2.98 -4.54	41.42 1.62 -5.28	49.40 2.50 -0.12	241.31 9.44 -1.44	56.85 2.35 -6.59	60.79 2.89 -15.29	55.30 2.21 -16.09	51.52 2.77 -2.38	69.88 3.70 -2.10	57.89 2.29 -6.95	49.23 1.58 0.00	42.77 1.47 -0.10	55.83 1.55 -0.23	63.32 2.00 -18.49	48.25 2.22 -6.09
HUNTLEY___63 23557	49.73 -4.12 3.97	14.26 -2.65 22.72	33.57 -2.51 0.00	37.23 -2.64 0.00	39.71 -2.76 0.00	44.35 -2.93 0.00	44.04 -3.55 2.33	38.92 -4.68 23.50	36.77 -4.08 15.04	41.51 -4.83 11.60	25.33 -2.63 6.56	40.17 -4.00 2.61	136.47 -21.76 72.19	24.13 -3.99 19.79	21.70 -3.42 17.49	30.85 -2.92 3.23	20.30 -3.44 22.64	20.63 -4.28 39.17	43.78 -3.83 1.04	42.19 -4.17 1.31	29.02 -3.05 9.13	39.76 -2.03 12.27	37.14 -3.05 2.64	37.94 -2.00 0.00
HUNTLEY___64 23558	49.73 -4.12 3.97	14.26 -2.65 22.72	33.57 -2.51 0.00	37.23 -2.64 0.00	39.71 -2.76 0.00	44.35 -2.93 0.00	44.04 -3.55 2.33	38.92 -4.68 23.50	36.77 -4.08 15.04	41.51 -4.83 11.60	25.33 -2.63 6.56	40.17 -4.00 2.61	136.47 -21.76 72.19	24.13 -3.99 19.79	21.70 -3.42 17.49	30.85 -2.92 3.23	20.30 -3.44 22.64	20.63 -4.28 39.17	43.78 -3.83 1.04	42.19 -4.17 1.31	29.02 -3.05 9.13	39.76 -2.03 12.27	37.14 -3.05 2.64	37.94 -2.00 0.00
HUNTLEY___65 23559	49.73 -4.12 3.97	14.26 -2.65 22.72	33.57 -2.51 0.00	37.23 -2.64 0.00	39.71 -2.76 0.00	44.35 -2.93 0.00	44.04 -3.55 2.33	38.92 -4.68 23.50	36.77 -4.08 15.04	41.51 -4.83 11.60	25.33 -2.63 6.56	40.17 -4.00 2.61	136.47 -21.76 72.19	24.13 -3.99 19.79	21.70 -3.42 17.49	30.85 -2.92 3.23	20.30 -3.44 22.64	20.63 -4.28 39.17	43.78 -3.83 1.04	42.19 -4.17 1.31	29.02 -3.05 9.13	39.76 -2.03 12.27	37.14 -3.05 2.64	37.94 -2.00 0.00
HUNTLEY___66 23560	49.73 -4.12 3.97	14.26 -2.65 22.72	33.57 -2.51 0.00	37.23 -2.64 0.00	39.71 -2.76 0.00	44.35 -2.93 0.00	44.04 -3.55 2.33	38.92 -4.68 23.50	36.77 -4.08 15.04	41.51 -4.83 11.60	25.33 -2.63 6.56	40.17 -4.00 2.61	136.47 -21.76 72.19	24.13 -3.99 19.79	21.70 -3.42 17.49	30.85 -2.92 3.23	20.30 -3.44 22.64	20.63 -4.28 39.17	43.78 -3.83 1.04	42.19 -4.17 1.31	29.02 -3.05 9.13	39.76 -2.03 12.27	37.14 -3.05 2.64	37.94 -2.00 0.00
HUNTLEY___67 23561	49.25 -4.45 4.11	13.19 -2.91 23.54	33.41 -2.67 0.00	37.05 -2.83 0.00	39.51 -2.96 0.00	44.12 -3.16 0.00	43.78 -3.77 2.38	37.88 -5.21 24.01	35.89 -4.44 15.56	40.79 -5.14 12.00	24.89 -2.83 6.79	39.88 -4.20 2.70	133.08 -22.59 74.76	23.30 -4.27 20.34	20.98 -3.65 17.98	30.56 -3.10 3.34	19.15 -3.79 23.43	18.72 -4.81 40.56	43.50 -4.08 1.07	41.80 -4.34 1.52	27.71 -3.30 10.19	37.42 -2.46 14.18	36.66 -3.33 2.84	37.69 -2.26 0.00



HUNTLEY___68 23562	49.25 -4.45 4.11	13.19 -2.91 23.54	33.41 -2.67 0.00	37.05 -2.83 0.00	39.51 -2.96 0.00	44.12 -3.16 0.00	43.78 -3.77 2.38	37.88 -5.21 24.01	35.89 -4.44 15.56	40.79 -5.14 12.00	24.89 -2.83 6.79	39.88 -4.20 2.70	133.08 -22.59 74.76	23.30 -4.27 20.34	20.98 -3.65 17.98	30.56 -3.10 3.34	19.15 -3.79 23.43	18.72 -4.81 40.56	43.50 -4.08 1.07	41.80 -4.34 1.52	27.71 -3.30 10.19	37.42 -2.46 14.18	36.66 -3.33 2.84	37.69 -2.26 0.00
HYLAND___LFGE 323620	53.16 0.23 4.89	11.55 -0.11 27.97	36.02 -0.06 0.00	39.90 0.03 0.00	42.57 0.10 0.00	47.51 0.22 0.00	46.38 -0.74 2.80	37.12 -1.63 28.35	35.67 -1.55 18.67	40.76 -2.28 14.90	24.94 -1.31 8.26	41.43 -2.01 3.33	120.55 -11.65 98.23	20.54 -2.65 24.72	18.49 -2.28 21.84	30.99 -2.04 3.97	15.89 -2.72 27.76	11.98 -3.36 48.75	45.52 -1.82 1.30	51.61 -1.47 -5.42	59.97 -0.26 -19.03	101.61 1.16 -46.39	43.99 -0.42 -1.58	40.00 0.06 0.00
INDECK___CORINTH 23802	60.73 2.91 0.00	41.43 1.79 0.00	37.82 1.73 0.00	41.90 2.03 0.00	44.64 2.16 0.00	49.74 2.45 0.00	52.48 2.57 0.00	69.99 2.89 0.00	58.52 2.63 0.00	60.80 2.86 0.00	36.23 1.72 0.00	48.91 2.14 0.00	241.94 11.51 0.00	50.31 2.41 0.00	44.87 2.26 0.00	39.04 2.04 0.00	48.98 2.61 0.00	67.31 3.23 0.00	50.91 2.26 0.00	50.09 2.42 0.00	43.00 1.79 0.00	56.92 2.86 0.00	44.89 2.06 0.00	41.62 1.68 0.00
INDECK___ILION 23567	60.13 2.32 0.00	41.13 1.50 0.00	37.45 1.38 0.00	41.13 1.25 0.00	43.63 1.16 0.00	48.27 0.98 0.00	50.76 0.84 0.00	68.20 1.11 0.00	56.98 1.09 0.00	59.45 1.52 0.00	35.45 0.93 0.00	47.84 1.07 0.00	235.13 4.70 0.00	49.21 1.30 0.00	44.08 1.47 0.00	38.48 1.48 0.00	48.46 2.09 0.00	66.16 2.07 0.00	50.01 1.37 0.00	49.48 1.82 0.00	43.08 1.87 0.00	57.49 3.42 0.00	45.36 2.53 0.00	41.92 1.98 0.00
INDECK___OLEAN 23982	49.28 -3.25 5.29	6.98 -2.39 30.27	34.03 -2.06 0.00	37.77 -2.11 0.00	40.21 -2.26 0.00	44.92 -2.36 0.00	44.30 -2.59 3.03	32.48 -3.99 30.62	32.54 -3.58 19.77	38.69 -3.86 15.38	23.60 -2.32 8.60	40.22 -3.15 3.40	116.46 -17.09 96.87	19.59 -3.43 24.89	17.82 -2.79 21.99	30.30 -2.44 4.26	13.30 -3.05 30.02	7.85 -4.28 51.96	43.88 -3.44 1.33	43.95 -3.35 0.35	32.51 -2.52 6.17	48.64 -1.28 4.14	37.56 -2.80 2.47	38.03 -1.91 0.00
INDECK___OSWEGO 23783	56.53 -1.28 0.00	38.70 -0.94 0.00	35.22 -0.86 0.00	38.93 -0.95 0.00	41.45 -1.02 0.00	46.11 -1.18 0.00	48.31 -1.31 0.30	61.90 -2.21 2.99	52.31 -1.84 1.73	54.99 -1.93 1.01	32.83 -1.15 0.53	45.05 -1.58 0.14	222.10 -7.95 0.37	40.40 -1.76 5.75	35.87 -1.65 5.08	35.09 -1.49 0.42	42.95 -1.82 1.60	60.82 -2.19 1.07	46.75 -1.65 0.25	46.14 -1.52 0.00	39.84 -1.28 0.09	52.41 -1.44 0.21	41.11 -1.30 0.42	38.97 -0.97 0.00
INDECK___YERKES 23781	49.74 -4.11 3.97	14.23 -2.68 22.72	33.60 -2.48 0.00	37.26 -2.61 0.00	39.75 -2.73 0.00	44.40 -2.89 0.00	44.06 -3.53 2.33	38.73 -4.87 23.50	36.68 -4.17 15.04	41.49 -4.85 11.60	25.35 -2.61 6.56	40.23 -3.94 2.61	136.69 -21.54 72.19	24.05 -4.07 19.79	21.68 -3.44 17.49	30.83 -2.94 3.23	20.13 -3.61 22.64	20.40 -4.51 39.17	43.78 -3.83 1.04	42.24 -4.12 1.31	29.07 -3.00 9.13	39.83 -1.96 12.27	37.17 -3.02 2.64	37.97 -1.97 0.00
INDIAN POINT_GT_1 24139	60.62 2.81 0.00	41.32 1.68 0.00	37.57 1.49 0.00	41.37 1.49 0.00	44.03 1.55 0.00	49.28 2.00 0.00	52.24 2.32 0.00	69.85 2.75 0.00	58.28 2.39 0.00	60.75 2.82 0.00	35.97 1.46 0.00	49.39 2.50 -0.12	243.17 12.65 -0.10	55.41 2.63 -4.87	49.69 2.77 -4.30	39.12 2.12 0.00	49.09 2.72 0.00	69.11 3.84 -1.18	51.56 2.64 -0.28	49.92 2.26 0.00	43.22 1.91 -0.10	57.00 2.71 -0.23	45.61 2.31 -0.46	42.06 2.12 0.00
INDIAN POINT_GT_2 23659	60.62 2.81 0.00	41.32 1.68 0.00	37.57 1.49 0.00	41.37 1.49 0.00	44.03 1.55 0.00	49.28 2.00 0.00	52.24 2.32 0.00	69.85 2.75 0.00	58.28 2.39 0.00	60.75 2.82 0.00	35.97 1.46 0.00	49.39 2.50 -0.12	243.17 12.65 -0.10	55.41 2.63 -4.87	49.69 2.77 -4.30	39.12 2.12 0.00	49.09 2.72 0.00	69.11 3.84 -1.18	51.56 2.64 -0.28	49.92 2.26 0.00	43.22 1.91 -0.10	57.00 2.71 -0.23	45.61 2.31 -0.46	42.06 2.12 0.00
INDIAN POINT_GT_3 24019	60.62 2.81 0.00	41.32 1.68 0.00	37.57 1.49 0.00	41.37 1.49 0.00	44.03 1.55 0.00	49.28 2.00 0.00	52.24 2.32 0.00	69.85 2.75 0.00	58.28 2.39 0.00	60.75 2.82 0.00	35.97 1.46 0.00	49.39 2.50 -0.12	243.17 12.65 -0.10	55.41 2.63 -4.87	49.69 2.77 -4.30	39.12 2.12 0.00	49.09 2.72 0.00	69.11 3.84 -1.18	51.56 2.64 -0.28	49.92 2.26 0.00	43.22 1.91 -0.10	57.00 2.71 -0.23	45.61 2.31 -0.46	42.06 2.12 0.00
INDIAN POINT___2 23530	61.14 2.80 -0.52	44.32 1.68 -3.00	37.66 1.58 0.00	41.48 1.60 0.00	44.15 1.67 0.00	49.43 2.15 0.00	52.39 2.47 0.00	70.08 2.98 0.00	58.45 2.56 0.00	60.93 3.00 0.00	36.05 1.53 0.00	49.54 2.65 -0.12	243.83 13.31 -0.09	55.57 2.81 -4.86	49.84 2.93 -4.29	39.23 2.23 0.00	49.25 2.88 0.00	69.34 4.08 -1.18	51.70 2.78 -0.27	50.02 2.36 0.00	43.30 1.99 -0.10	57.11 2.82 -0.23	45.72 2.43 -0.46	41.96 2.02 0.00
INDIAN POINT___3 23531	60.61 2.79 0.00	41.32 1.68 0.00	37.52 1.44 0.00	41.32 1.44 0.00	43.98 1.50 0.00	49.23 1.94 0.00	52.18 2.26 0.00	69.76 2.66 0.00	58.17 2.28 0.00	60.66 2.73 0.00	35.94 1.42 0.00	49.31 2.42 -0.12	242.79 12.26 -0.10	55.42 2.56 -4.96	49.68 2.69 -4.38	39.06 2.06 0.00	49.03 2.66 0.00	69.01 3.73 -1.20	51.49 2.56 -0.28	49.84 2.18 0.00	43.16 1.85 -0.10	56.92 2.63 -0.23	45.56 2.26 -0.47	42.01 2.07 0.00
INDIANHDD_69_KV_BK1 55831	64.44 4.04 -2.58	48.95 2.80 -6.51	38.67 2.58 -0.01	42.46 2.59 0.00	45.07 2.59 0.00	50.49 3.20 0.00	53.63 3.70 -0.01	71.46 4.35 0.00	64.65 3.78 -4.97	66.57 4.12 -4.51	41.95 2.18 -5.25	50.09 3.20 -0.12	241.94 10.07 -1.43	56.92 2.44 -6.57	61.40 3.57 -15.22	55.88 2.89 -15.99	52.48 3.75 -2.36	71.07 4.90 -2.09	58.99 3.44 -6.91	50.35 2.69 0.00	43.79 2.49 -0.10	57.07 2.78 -0.23	63.93 2.72 -18.38	49.06 3.07 -6.05
INGHAM_C_115KV_TB7 356103	60.13 2.32 0.00	41.13 1.50 0.00	37.45 1.38 0.00	41.13 1.25 0.00	43.63 1.16 0.00	48.27 0.98 0.00	50.76 0.84 0.00	68.20 1.11 0.00	56.98 1.09 0.00	59.45 1.52 0.00	35.45 0.93 0.00	47.84 1.07 0.00	235.13 4.70 0.00	49.21 1.30 0.00	44.08 1.47 0.00	38.48 1.48 0.00	48.46 2.09 0.00	66.16 2.07 0.00	50.01 1.37 0.00	49.48 1.82 0.00	43.08 1.87 0.00	57.49 3.42 0.00	45.36 2.53 0.00	41.92 1.98 0.00
IP CORINTH___1 23988	60.73 2.92 0.00	41.42 1.79 0.00	37.82 1.73 0.00	41.90 2.03 0.00	44.64 2.17 0.00	49.75 2.46 0.00	52.48 2.56 0.00	69.98 2.88 0.00	58.52 2.63 0.00	60.80 2.86 0.00	36.23 1.72 0.00	48.91 2.14 0.00	241.95 11.52 0.00	50.31 2.40 0.00	44.88 2.26 0.00	39.04 2.04 0.00	48.98 2.61 0.00	67.31 3.22 0.00	50.91 2.26 0.00	50.09 2.43 0.00	43.00 1.79 0.00	56.93 2.87 0.00	44.89 2.06 0.00	41.62 1.68 0.00

IP___TICONDEROGA 23804	62.11 4.29 0.00	41.98 2.35 0.00	38.59 2.51 0.00	43.08 3.20 0.00	45.89 3.41 0.00	51.18 3.89 0.00	53.72 3.80 0.00	70.88 3.78 0.00	59.25 3.36 0.00	61.49 3.55 0.00	36.84 2.33 0.00	49.55 2.78 0.00	248.70 18.27 0.00	51.75 3.84 0.00	46.06 3.45 0.00	40.13 3.13 0.00	50.45 4.08 0.00	68.66 4.57 0.00	52.07 3.43 0.00	51.67 4.01 0.00	43.76 2.56 0.00	58.25 4.18 0.00	45.77 2.93 0.00	42.36 2.42 0.00
ISLIP_RES_REC 323679	64.32 3.91 -2.60	48.88 2.71 -6.55	38.57 2.48 -0.01	42.38 2.50 0.00	44.97 2.50 0.00	50.40 3.11 0.00	53.52 3.59 -0.01	71.39 4.29 0.00	64.56 3.66 -5.00	66.46 4.00 -4.53	41.91 2.12 -5.28	49.99 3.10 -0.12	240.69 8.82 -1.44	56.68 2.19 -6.58	61.30 3.40 -15.28	55.80 2.72 -16.08	52.33 3.58 -2.38	71.04 4.86 -2.09	58.82 3.23 -6.95	50.12 2.46 0.00	43.61 2.31 -0.10	56.81 2.52 -0.23	63.84 2.53 -18.48	48.98 2.95 -6.09
JAMAICA__27_KV_LOAD 355505	-56.96 3.14 117.91	41.55 1.93 0.01	37.78 1.71 0.01	41.57 1.71 0.02	44.23 1.77 0.02	49.56 2.29 0.02	52.54 2.64 0.02	53.35 3.10 16.86	-556.31 2.60 614.80	61.07 3.14 0.01	27.73 1.47 8.25	49.65 2.77 -0.11	244.77 14.25 -0.09	55.72 2.97 -4.85	49.97 3.08 -4.28	39.32 2.32 0.00	49.35 2.98 0.00	69.52 4.26 -1.18	51.90 2.98 -0.27	50.19 2.53 0.00	43.37 2.08 -0.09	57.17 2.89 -0.22	-30.44 2.53 75.81	9.33 2.37 32.98
JANIS___SOLAR 323808	60.09 2.28 0.00	41.05 1.42 0.00	37.26 1.17 0.00	41.03 1.15 0.00	43.73 1.25 0.00	48.75 1.46 0.00	51.44 1.52 0.00	68.79 1.69 0.00	57.30 1.42 0.00	63.33 1.35 -4.04	35.28 0.77 0.00	47.62 0.85 0.00	294.01 3.12 -60.46	48.60 0.69 0.00	43.21 0.60 0.00	37.40 0.39 0.00	46.93 0.56 0.00	65.31 1.22 0.00	50.02 1.38 0.00	49.64 1.61 -0.37	46.96 1.61 -4.15	59.55 2.28 -3.21	44.09 1.00 -0.26	41.01 1.07 0.00
JARVIS____ 23743	58.10 0.28 0.00	39.79 0.16 0.00	36.22 0.14 0.00	40.00 0.12 0.00	42.60 0.13 0.00	47.43 0.14 0.00	50.08 0.16 0.00	67.37 0.27 0.00	56.13 0.24 0.00	58.21 0.28 0.00	34.68 0.17 0.00	46.99 0.22 0.00	231.52 1.09 0.00	48.14 0.23 0.00	42.86 0.25 0.00	37.19 0.18 0.00	46.58 0.20 0.00	64.25 0.17 0.00	48.73 0.08 0.00	47.74 0.08 0.00	41.25 0.04 0.00	54.26 0.20 0.00	42.97 0.14 0.00	40.08 0.13 0.00
JENNISON___1 23625	62.44 2.59 -2.03	52.84 1.59 -11.62	37.35 1.27 0.00	41.06 1.18 0.00	43.68 1.20 0.00	48.93 1.64 0.00	53.33 2.08 -1.34	83.04 2.43 -13.51	66.77 2.05 -8.83	66.77 2.00 -6.83	39.56 1.17 -3.88	50.01 1.55 -1.69	280.46 6.87 -43.16	66.26 1.39 -16.97	58.84 1.24 -15.00	39.76 0.87 -1.89	61.42 1.43 -13.62	92.44 2.38 -25.98	51.85 2.24 -0.97	50.11 2.45 0.00	45.73 2.03 -2.51	57.48 2.61 -0.80	45.58 1.12 -1.63	41.11 1.17 0.00
JENNISON___2 23626	62.44 2.59 -2.03	52.84 1.59 -11.62	37.35 1.27 0.00	41.06 1.18 0.00	43.68 1.20 0.00	48.93 1.64 0.00	53.33 2.08 -1.34	83.04 2.43 -13.51	66.77 2.05 -8.83	66.77 2.00 -6.83	39.56 1.17 -3.88	50.01 1.55 -1.69	280.46 6.87 -43.16	66.26 1.39 -16.97	58.84 1.24 -15.00	39.76 0.87 -1.89	61.42 1.43 -13.62	92.44 2.38 -25.98	51.85 2.24 -0.97	50.11 2.45 0.00	45.73 2.03 -2.51	57.48 2.61 -0.80	45.58 1.12 -1.63	41.11 1.17 0.00
JERICHO_RISE_WT_PWR 323719	57.07 -0.74 0.00	39.24 -0.39 0.00	35.78 -0.30 0.00	39.64 -0.24 0.00	42.27 -0.20 0.00	47.04 -0.25 0.00	49.65 -0.27 0.00	66.95 -0.15 0.00	55.69 -0.20 0.00	57.49 -0.44 0.00	34.31 -0.20 0.00	46.47 -0.31 0.00	228.78 -1.65 0.00	47.57 -0.34 0.00	42.03 -0.59 0.00	36.67 -0.33 0.00	45.97 -0.40 0.00	63.58 -0.50 0.00	48.45 -0.19 0.00	47.53 -0.13 0.00	41.21 0.01 0.00	53.45 -0.61 0.00	42.27 -0.56 0.00	39.20 -0.74 0.00
KATONAH___115KV_46KV_TB4 355592	60.82 3.01 0.00	41.48 1.84 0.00	37.69 1.61 0.00	41.49 1.61 0.00	44.16 1.68 0.00	49.42 2.13 0.00	52.37 2.45 0.00	70.06 2.96 0.00	58.46 2.57 0.00	60.94 3.01 0.00	36.10 1.59 0.00	49.53 2.64 -0.12	243.75 13.22 -0.09	55.44 2.75 -4.78	49.71 2.87 -4.22	39.24 2.24 0.00	49.23 2.86 0.00	69.27 4.03 -1.16	51.73 2.81 -0.27	50.10 2.43 0.00	43.35 2.05 -0.10	57.20 2.92 -0.22	45.73 2.44 -0.45	42.17 2.22 0.00
KCE_NY_1 323755	60.54 2.73 0.00	41.39 1.75 0.00	37.72 1.64 0.00	41.73 1.86 0.00	44.41 1.94 0.00	49.47 2.19 0.00	52.26 2.34 0.00	69.97 2.88 0.00	58.40 2.51 0.00	60.69 2.76 0.00	36.12 1.61 0.00	48.86 2.08 0.00	240.79 10.36 0.00	50.08 2.18 0.00	44.67 2.06 0.00	38.86 1.85 0.00	48.77 2.39 0.00	67.11 3.03 0.00	50.76 2.11 0.00	49.87 2.21 0.00	42.91 1.70 0.00	56.80 2.74 0.00	44.88 2.04 0.00	41.62 1.68 0.00
KCE_NY_6_ESR 323823	49.52 -3.88 4.42	11.75 -2.62 25.27	33.72 -2.36 0.00	37.40 -2.48 0.00	39.82 -2.65 0.00	44.52 -2.77 0.00	44.08 -3.29 2.55	36.54 -4.81 25.74	35.16 -4.08 16.65	40.40 -4.68 12.86	24.70 -2.56 7.25	40.14 -3.76 2.88	129.72 -20.61 80.11	22.35 -4.06 21.49	20.19 -3.43 18.99	30.49 -2.93 3.58	17.54 -3.70 25.13	15.90 -4.69 43.49	43.80 -3.71 1.13	42.10 -3.97 1.59	27.45 -3.01 10.74	37.32 -1.95 14.80	36.75 -3.08 3.00	37.96 -1.99 0.00
KEDC_PORT_JEFF_GT2 24210	64.11 3.72 -2.58	48.72 2.59 -6.50	38.47 2.38 -0.01	42.26 2.39 0.00	44.86 2.38 0.00	50.26 2.97 0.00	53.37 3.44 -0.01	71.19 4.09 0.00	64.34 3.49 -4.97	66.25 3.81 -4.50	41.75 1.99 -5.25	49.86 2.98 -0.12	241.05 9.18 -1.43	56.79 2.32 -6.57	61.11 3.28 -15.21	55.58 2.61 -15.97	52.14 3.40 -2.36	70.80 4.63 -2.09	58.58 3.03 -6.90	49.96 2.30 0.00	43.45 2.14 -0.10	56.64 2.35 -0.23	63.64 2.45 -18.36	48.77 2.79 -6.05
KEDC_PORT_JEFF_GT3 24211	64.11 3.72 -2.58	48.72 2.59 -6.50	38.47 2.38 -0.01	42.26 2.39 0.00	44.86 2.38 0.00	50.26 2.97 0.00	53.37 3.44 -0.01	71.19 4.09 0.00	64.34 3.49 -4.97	66.25 3.81 -4.50	41.75 1.99 -5.25	49.86 2.98 -0.12	241.05 9.18 -1.43	56.79 2.32 -6.57	61.11 3.28 -15.21	55.58 2.61 -15.97	52.14 3.40 -2.36	70.80 4.63 -2.09	58.58 3.03 -6.90	49.96 2.30 0.00	43.45 2.14 -0.10	56.64 2.35 -0.23	63.64 2.45 -18.36	48.77 2.79 -6.05
KEDC_GLWD_GT4 24219	65.48 3.57 -4.10	52.24 2.26 -10.34	38.11 2.02 -0.01	41.91 2.04 0.00	44.59 2.12 0.00	49.94 2.65 0.00	52.97 3.03 -0.02	70.79 3.70 0.00	66.97 3.18 -7.90	68.69 3.59 -7.16	44.76 1.90 -8.34	49.93 3.04 -0.12	246.77 14.12 -2.22	58.68 3.19 -7.59	67.66 3.40 -21.66	65.02 2.62 -25.40	53.48 3.35 -3.75	71.35 4.65 -2.62	62.64 3.18 -10.81	50.33 2.67 0.00	43.64 2.33 -0.10	56.85 2.95 0.16	74.49 2.73 -28.92	52.21 2.66 -9.61
KEDC_GLWD_GT5 24220	65.48 3.57 -4.10	52.24 2.26 -10.34	38.11 2.02 -0.01	41.91 2.04 0.00	44.59 2.12 0.00	49.94 2.65 0.00	52.97 3.03 -0.02	70.79 3.70 0.00	66.97 3.18 -7.90	68.69 3.59 -7.16	44.76 1.90 -8.34	49.93 3.04 -0.12	246.77 14.12 -2.22	58.68 3.19 -7.59	67.66 3.40 -21.66	65.02 2.62 -25.40	53.48 3.35 -3.75	71.35 4.65 -2.62	62.64 3.18 -10.81	50.33 2.67 0.00	43.64 2.33 -0.10	56.85 2.95 0.16	74.49 2.73 -28.92	52.21 2.66 -9.61

KENSICO____ 23655	60.77 2.95 0.00	41.42 1.79 0.00	37.67 1.59 0.00	41.47 1.60 0.00	44.13 1.66 0.00	49.41 2.12 0.00	52.37 2.45 0.00	70.00 2.90 0.00	58.41 2.52 0.00	60.91 2.97 0.00	36.05 1.53 0.00	49.52 2.63 -0.12	243.82 13.30 -0.09	55.53 2.76 -4.86	49.81 2.90 -4.30	39.21 2.21 0.00	49.20 2.83 0.00	69.23 3.97 -1.18	51.68 2.76 -0.28	50.02 2.35 0.00	43.30 2.00 -0.10	57.11 2.81 -0.23	45.71 2.41 -0.46	42.16 2.22 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	61.70 3.31 -0.58	44.95 2.02 -3.30	37.81 1.72 0.00	41.64 1.76 0.00	44.33 1.86 0.00	49.61 2.32 0.00	52.91 2.68 -0.31	73.56 3.28 -3.18	60.58 2.85 -1.84	62.24 3.23 -1.08	36.93 1.77 -0.65	49.68 2.77 -0.13	243.39 12.57 -0.39	56.00 2.61 -5.48	50.19 2.73 -4.85	39.58 2.13 -0.45	52.33 2.76 -3.20	73.55 3.81 -5.65	51.94 2.98 -0.31	50.42 2.76 0.00	44.03 2.39 -0.44	57.69 3.37 -0.26	46.06 2.71 -0.52	42.36 2.42 0.00
KIAC_JFK_GT1 23816	-57.17 2.93 117.91	41.40 1.78 0.01	37.65 1.57 0.01	41.43 1.57 0.02	44.09 1.64 0.02	49.40 2.13 0.02	52.36 2.45 0.02	53.15 2.91 16.86	-556.49 2.43 614.80	60.88 2.95 0.01	27.63 1.37 8.25	49.52 2.64 -0.11	244.08 13.55 -0.09	55.57 2.81 -4.85	49.84 2.95 -4.28	39.19 2.19 0.00	49.18 2.80 0.00	69.29 4.03 -1.18	51.71 2.79 -0.27	50.01 2.35 0.00	43.23 1.94 -0.09	57.00 2.71 -0.22	-30.59 2.39 75.81	9.18 2.22 32.98
KIAC_JFK_GT2 23817	-57.17 2.93 117.91	41.40 1.78 0.01	37.65 1.57 0.01	41.43 1.57 0.02	44.09 1.64 0.02	49.40 2.13 0.02	52.36 2.45 0.02	53.15 2.91 16.86	-556.49 2.43 614.80	60.88 2.95 0.01	27.63 1.37 8.25	49.52 2.64 -0.11	244.08 13.55 -0.09	55.57 2.81 -4.85	49.84 2.95 -4.28	39.19 2.19 0.00	49.18 2.80 0.00	69.29 4.03 -1.18	51.71 2.79 -0.27	50.01 2.35 0.00	43.23 1.94 -0.09	57.00 2.71 -0.22	-30.59 2.39 75.81	9.18 2.22 32.98
KIAC_JFK____ 323774	-57.16 2.94 117.91	41.41 1.79 0.01	37.65 1.58 0.01	41.43 1.57 0.02	44.10 1.64 0.02	49.41 2.14 0.02	52.36 2.46 0.02	53.18 2.94 16.86	-556.47 2.44 614.80	60.87 2.94 0.01	27.63 1.37 8.25	49.52 2.63 -0.11	244.09 13.56 -0.09	55.61 2.85 -4.85	49.85 2.96 -4.28	39.19 2.19 0.00	49.22 2.84 0.00	69.38 4.12 -1.18	51.71 2.79 -0.27	50.00 2.34 0.00	43.23 1.93 -0.09	56.99 2.70 -0.22	-30.59 2.39 75.81	9.18 2.22 32.98
KINTIGH_24_KV_GSU 356498	50.88 -3.80 3.14	19.13 -2.55 17.96	33.81 -2.27 0.00	37.49 -2.39 0.00	39.97 -2.51 0.00	44.63 -2.66 0.00	44.88 -3.21 1.83	43.88 -4.72 18.50	39.90 -3.97 12.02	44.17 -4.52 9.24	26.76 -2.51 5.24	40.95 -3.71 2.11	153.47 -3.82 57.37	27.51 -3.25 16.57	24.71 -2.74 14.64	31.69 -3.46 2.58	24.93 -4.33 17.98	28.66 -4.33 31.10	44.31 -3.48 0.85	43.29 -3.60 0.77	32.36 -2.74 6.11	44.40 -2.20 7.46	38.11 -2.76 1.96	38.08 -1.86 0.00
KINTIGH____ 23543	50.86 -3.82 3.14	19.15 -2.53 17.96	33.80 -2.28 0.00	37.46 -2.42 0.00	39.95 -2.53 0.00	44.61 -2.68 0.00	44.86 -3.23 1.83	43.99 -4.61 18.50	39.95 -3.92 12.02	44.18 -4.51 9.24	26.74 -2.52 5.24	40.92 -3.75 2.11	153.38 -3.76 57.37	27.57 -3.23 16.57	24.73 -3.23 14.64	31.70 -2.73 2.58	25.06 -3.33 17.98	28.81 -4.18 31.10	44.31 -3.49 0.85	43.26 -3.62 0.77	32.33 -2.78 6.11	44.36 -2.24 7.46	38.09 -2.78 1.96	38.06 -1.89 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	57.99 0.18 0.00	39.86 0.23 0.00	36.35 0.27 0.00	40.24 0.37 0.00	42.92 0.44 0.00	47.77 0.48 0.00	50.41 0.49 0.00	67.79 0.69 0.00	56.27 0.38 0.00	58.06 0.12 0.00	34.67 0.16 0.00	46.95 0.17 0.00	231.01 0.58 0.00	48.05 0.14 0.00	42.39 -0.22 0.00	37.01 0.01 0.00	46.38 0.01 0.00	64.20 0.12 0.00	49.01 0.36 0.00	48.16 0.51 0.00	41.83 0.63 0.00	54.45 0.39 0.00	42.85 0.01 0.00	39.63 -0.31 0.00
LACHUTE____HYDRO 323717	62.11 4.29 0.00	41.98 2.35 0.00	38.59 2.51 0.00	43.08 3.20 0.00	45.89 3.41 0.00	51.18 3.89 0.00	53.72 3.80 0.00	70.88 3.79 0.00	59.26 3.37 0.00	61.49 3.55 0.00	36.84 2.33 0.00	49.55 2.78 0.00	248.68 18.25 0.00	51.75 3.84 0.00	46.06 3.45 0.00	40.13 3.13 0.00	50.44 4.07 0.00	68.66 4.58 0.00	52.08 3.43 0.00	51.67 4.01 0.00	43.76 2.55 0.00	58.25 4.19 0.00	45.76 2.93 0.00	42.36 2.42 0.00
LAWRNCV_115KV_TB1 80681	55.52 -2.30 0.00	38.25 -1.38 0.00	35.03 -1.05 0.00	38.83 -1.04 0.00	41.45 -1.02 0.00	46.12 -1.17 0.00	48.65 -1.27 0.00	65.15 -1.95 0.00	54.03 -1.86 0.00	55.87 -2.06 0.00	33.40 -1.11 0.00	45.27 -1.51 0.00	222.91 -7.52 0.00	46.33 -1.57 0.00	41.06 -1.55 0.00	35.92 -1.08 0.00	44.95 -1.43 0.00	62.13 -1.96 0.00	47.59 -1.05 0.00	46.84 -0.82 0.00	40.58 -0.62 0.00	52.42 -1.64 0.00	41.59 -1.25 0.00	38.57 -1.37 0.00
LEDERLE____ 23769	61.47 3.13 -0.53	44.55 1.88 -3.04	37.66 1.58 0.00	41.47 1.59 0.00	44.14 1.67 0.00	49.44 2.15 0.00	52.38 2.46 0.00	70.04 2.94 0.00	58.41 2.52 0.00	60.94 3.00 0.00	36.13 1.62 0.00	49.55 2.65 -0.12	244.00 13.47 -0.10	55.89 2.83 -5.16	50.08 2.92 -4.56	39.26 2.25 0.00	50.64 2.91 -1.35	73.16 4.11 -4.98	51.76 2.82 -0.29	50.09 2.43 0.00	43.71 2.10 -0.40	57.27 2.96 -0.24	45.80 2.47 -0.49	42.21 2.26 0.00
LIGHTHSE_115KV_TB6 355974	56.41 -1.40 0.00	38.55 -1.09 0.00	35.09 -0.99 0.00	38.82 -1.06 0.00	41.39 -1.09 0.00	45.99 -1.30 0.00	48.44 -1.48 0.00	64.39 -2.71 0.00	53.55 -2.34 0.00	55.60 -2.33 0.00	33.19 -1.32 0.00	44.88 -1.76 0.13	221.47 -8.85 0.11	40.38 -2.07 5.46	35.86 -1.93 4.82	35.40 -1.60 0.00	44.38 -2.00 0.00	60.63 -2.45 1.01	46.60 -1.81 0.24	46.15 -1.51 0.00	39.81 -1.30 0.09	52.10 -1.77 0.20	40.94 -1.49 0.40	38.84 -1.10 0.00
LINDEN COGEN____ 23786	60.70 2.89 0.00	41.37 1.73 0.00	37.57 1.49 0.00	41.34 1.47 0.00	44.00 1.52 0.00	49.33 2.04 0.00	52.27 2.35 0.00	69.84 2.75 0.00	58.25 2.36 0.00	60.78 2.85 0.00	35.88 1.36 0.00	49.49 2.60 -0.12	244.06 13.54 -0.09	55.60 2.84 -4.85	49.83 2.93 -4.29	39.14 2.14 0.00	49.13 2.76 0.00	69.27 4.01 -1.18	51.63 2.71 -0.27	49.91 2.26 0.00	43.21 1.90 -0.10	56.93 2.64 -0.23	45.66 2.36 -0.46	42.12 2.18 0.00
LINDHRST_69_KV_BK1 356055	64.53 3.87 -2.85	49.41 2.61 -7.17	38.44 2.35 -0.01	42.25 2.38 0.00	44.90 2.43 0.00	50.29 3.00 0.00	53.38 3.45 -0.01	71.20 4.10 0.00	64.94 3.57 -5.48	66.85 3.95 -4.97	42.45 2.15 -5.79	50.06 3.16 -0.12	244.68 12.68 -1.57	57.67 3.02 -6.75	62.55 3.60 -16.34	57.49 2.86 -17.62	52.60 3.62 -2.60	70.96 4.70 -2.18	59.57 3.34 -7.59	50.34 2.68 0.00	43.74 2.44 -0.10	56.67 2.78 0.17	65.85 2.81 -20.21	49.54 2.93 -6.67
LIPA_MISC_IPP 23656	63.92 3.53 -2.57	48.63 2.51 -6.49	38.45 2.36 -0.01	42.22 2.35 0.00	44.80 2.32 0.00	50.17 2.89 0.00	53.30 3.37 -0.01	70.91 3.81 0.00	64.14 3.29 -4.95	66.03 3.60 -4.49	41.63 1.88 -5.23	49.72 2.82 -0.12	240.25 8.39 -1.43	56.52 2.05 -6.57	60.82 3.02 -15.19	55.35 2.42 -15.93	51.91 3.18 -2.36	70.27 4.10 -2.09	58.37 2.84 -6.89	49.77 2.11 0.00	43.33 2.02 -0.10	56.44 2.15 -0.23	63.43 2.28 -18.32	48.59 2.62 -6.03

LISF___SOLAR 323691	64.03 3.64 -2.58	48.69 2.57 -6.50	38.50 2.41 -0.01	42.28 2.40 0.00	44.85 2.37 0.00	50.24 2.95 0.00	53.38 3.45 -0.01	71.11 4.01 0.00	64.25 3.40 -4.96	66.14 3.71 -4.50	41.67 1.91 -5.24	49.73 2.84 -0.12	240.28 8.42 -1.43	56.58 2.11 -6.57	60.89 3.09 -15.20	55.41 2.46 -15.95	52.02 3.29 -2.36	70.64 4.47 -2.09	58.46 2.92 -6.89	49.84 2.18 0.00	43.38 2.07 -0.10	56.51 2.22 -0.23	63.52 2.35 -18.33	48.67 2.69 -6.04
LITTLE FALLS___HYD 24013	60.13 2.32 0.00	41.13 1.50 0.00	37.45 1.38 0.00	41.13 1.25 0.00	43.63 1.16 0.00	48.27 0.98 0.00	50.76 0.84 0.00	68.20 1.11 0.00	56.98 1.09 0.00	59.45 1.52 0.00	35.45 0.93 0.00	47.84 1.07 0.00	235.13 4.70 0.00	49.21 1.30 0.00	44.08 1.47 0.00	38.48 1.48 0.00	48.46 2.09 0.00	66.16 2.07 0.00	50.01 1.37 0.00	49.48 1.82 0.00	43.08 1.87 0.00	57.49 3.42 0.00	45.36 2.53 0.00	41.92 1.98 0.00
LITTLRIV_115KV_TB1 356100	56.04 -1.77 0.00	38.63 -1.00 0.00	35.36 -0.73 0.00	39.22 -0.66 0.00	41.86 -0.62 0.00	46.58 -0.71 0.00	49.13 -0.79 0.00	65.56 -1.54 0.00	54.19 -1.70 0.00	56.00 -1.93 0.00	33.48 -1.03 0.00	45.36 -1.41 0.00	223.39 -7.04 0.00	46.46 -1.45 0.00	41.18 -1.43 0.00	36.03 -0.97 0.00	45.06 -1.31 0.00	62.30 -1.78 0.00	47.81 -0.84 0.00	47.30 -0.36 0.00	41.08 -0.12 0.00	53.06 -1.00 0.00	42.05 -0.78 0.00	38.97 -0.97 0.00
LI_NEWBRDGE___DRP 323616	63.39 3.16 -2.42	47.81 2.07 -6.10	37.96 1.87 -0.01	41.74 1.86 0.00	44.38 1.90 0.00	49.71 2.42 0.00	52.73 2.79 -0.01	70.37 3.27 0.00	63.39 2.84 -4.66	65.34 3.18 -4.22	41.14 1.71 -4.92	49.57 2.68 -0.12	242.81 11.03 -1.35	57.00 2.63 -6.46	60.20 3.06 -14.53	54.31 2.33 -14.97	51.54 2.96 -2.21	69.98 3.87 -2.03	57.82 2.69 -6.49	49.78 2.12 0.00	43.21 1.91 -0.10	56.43 2.14 -0.23	62.38 2.31 -17.24	48.01 2.40 -5.67
LOCKPORT_115KV_TB60_63_64 80432	49.53 -4.60 3.68	15.63 -2.92 21.08	33.29 -2.79 0.00	36.91 -2.97 0.00	39.36 -3.11 0.00	43.98 -3.30 0.00	43.84 -3.96 2.12	40.54 -5.15 21.41	37.42 -4.47 14.01	41.80 -5.34 10.80	25.48 -2.92 6.11	39.89 -4.44 2.44	139.05 -24.11 67.27	24.80 -4.37 18.73	22.27 -3.78 16.56	30.75 -3.24 3.01	21.54 -3.80 21.04	22.96 -4.71 36.42	43.46 -4.22 0.97	42.13 -4.40 1.13	29.91 -3.18 8.12	41.01 -2.37 10.68	37.07 -3.35 2.41	37.66 -2.29 0.00
LOCKPORT___CC1 323769	49.44 -4.64 3.74	15.24 -3.01 21.38	33.30 -2.78 0.00	36.93 -2.95 0.00	39.37 -3.10 0.00	44.01 -3.28 0.00	43.81 -3.95 2.15	39.88 -5.49 21.73	37.04 -4.65 14.20	41.55 -5.43 10.95	25.37 -2.94 6.20	39.87 -4.43 2.47	138.27 -23.94 68.22	24.47 -4.50 18.94	22.02 -3.85 16.73	30.65 -3.30 3.05	20.98 -4.06 21.33	22.10 -5.06 36.93	43.39 -4.27 0.98	42.03 -4.42 1.22	29.42 -3.23 8.56	40.16 -2.44 11.47	36.97 -3.37 2.50	37.65 -2.29 0.00
LOCKPORT___CC2 323770	49.44 -4.64 3.74	15.24 -3.01 21.38	33.30 -2.78 0.00	36.93 -2.95 0.00	39.37 -3.10 0.00	44.01 -3.28 0.00	43.81 -3.95 2.15	39.88 -5.49 21.73	37.04 -4.65 14.20	41.55 -5.43 10.95	25.37 -2.94 6.20	39.87 -4.43 2.47	138.27 -23.94 68.22	24.47 -4.50 18.94	22.02 -3.85 16.73	30.65 -3.30 3.05	20.98 -4.06 21.33	22.10 -5.06 36.93	43.39 -4.27 0.98	42.03 -4.42 1.22	29.42 -3.23 8.56	40.16 -2.44 11.47	36.97 -3.37 2.50	37.65 -2.29 0.00
LOCKPORT___CC3 323771	49.44 -4.64 3.74	15.24 -3.01 21.38	33.30 -2.78 0.00	36.93 -2.95 0.00	39.37 -3.10 0.00	44.01 -3.28 0.00	43.81 -3.95 2.15	39.88 -5.49 21.73	37.04 -4.65 14.20	41.55 -5.43 10.95	25.37 -2.94 6.20	39.87 -4.43 2.47	138.27 -23.94 68.22	24.47 -4.50 18.94	22.02 -3.85 16.73	30.65 -3.30 3.05	20.98 -4.06 21.33	22.10 -5.06 36.93	43.39 -4.27 0.98	42.03 -4.42 1.22	29.42 -3.23 8.56	40.16 -2.44 11.47	36.97 -3.37 2.50	37.65 -2.29 0.00
LOCUSVLY_69_KV_BK2 55797	65.15 3.64 -3.70	51.33 2.37 -9.32	38.22 2.13 -0.01	42.03 2.15 0.00	44.70 2.22 0.00	50.07 2.79 0.00	53.10 3.17 -0.02	70.89 3.79 0.00	66.31 3.30 -7.11	68.08 3.69 -6.45	44.04 2.01 -7.51	50.01 3.12 -0.12	246.35 13.92 -2.01	58.44 3.22 -7.32	66.05 3.50 -19.94	62.59 2.71 -22.88	53.17 3.41 -3.38	71.13 4.57 -2.48	61.63 3.22 -9.77	50.31 2.65 0.00	43.66 2.35 -0.10	56.84 2.89 0.11	71.73 2.79 -26.10	51.37 2.76 -8.66
LONG_LAKE_PHOENIX 24014	56.41 -1.40 0.00	38.62 -1.01 0.00	35.15 -0.93 0.00	38.83 -1.04 0.00	41.34 -1.13 0.00	46.00 -1.29 0.00	48.19 -1.42 0.31	61.62 -2.35 3.13	52.14 -1.94 1.82	54.81 -2.07 1.06	32.61 -1.26 0.64	44.90 -1.73 0.14	221.21 -8.83 0.39	40.04 -1.91 5.96	35.58 -1.77 5.26	34.93 -1.63 0.44	42.73 -1.96 1.67	60.61 -2.37 1.10	46.64 -1.74 0.26	46.06 -1.60 0.00	39.78 -1.33 0.10	52.39 -1.46 0.21	41.05 -1.35 0.43	38.89 -1.05 0.00
LOVETT___3 23632	61.10 2.76 -0.53	44.29 1.65 -3.02	37.47 1.39 0.00	41.26 1.38 0.00	43.92 1.44 0.00	49.17 1.89 0.00	52.12 2.20 0.00	69.67 2.57 0.00	58.10 2.21 0.00	60.59 2.66 0.00	35.90 1.39 0.00	49.25 2.36 -0.12	242.57 12.04 -0.10	55.53 2.52 -5.11	49.77 2.64 -4.52	39.02 2.02 0.00	48.98 2.60 0.00	68.99 3.67 -1.24	51.44 2.51 -0.29	49.78 2.12 0.00	43.12 1.81 -0.11	56.88 2.58 -0.24	45.53 2.21 -0.49	41.97 2.03 0.00
LOVETT___4 23642	61.10 2.76 -0.53	44.29 1.65 -3.02	37.47 1.39 0.00	41.26 1.38 0.00	43.92 1.44 0.00	49.17 1.89 0.00	52.12 2.20 0.00	69.67 2.57 0.00	58.10 2.21 0.00	60.59 2.66 0.00	35.90 1.39 0.00	49.25 2.36 -0.12	242.57 12.04 -0.10	55.53 2.52 -5.11	49.77 2.64 -4.52	39.02 2.02 0.00	48.98 2.60 0.00	68.99 3.67 -1.24	51.44 2.51 -0.29	49.78 2.12 0.00	43.12 1.81 -0.11	56.88 2.58 -0.24	45.53 2.21 -0.49	41.97 2.03 0.00
LOVETT___5 23593	61.10 2.76 -0.53	44.29 1.65 -3.02	37.47 1.39 0.00	41.26 1.38 0.00	43.92 1.44 0.00	49.17 1.89 0.00	52.12 2.20 0.00	69.67 2.57 0.00	58.10 2.21 0.00	60.59 2.66 0.00	35.90 1.39 0.00	49.25 2.36 -0.12	242.57 12.04 -0.10	55.53 2.52 -5.11	49.77 2.64 -4.52	39.02 2.02 0.00	48.98 2.60 0.00	68.99 3.67 -1.24	51.44 2.51 -0.29	49.78 2.12 0.00	43.12 1.81 -0.11	56.88 2.58 -0.24	45.53 2.21 -0.49	41.97 2.03 0.00
LOWER RAQUET___HYD 24057	55.06 -2.76 0.00	37.94 -1.69 0.00	34.77 -1.32 0.00	38.56 -1.32 0.00	41.17 -1.30 0.00	45.80 -1.49 0.00	48.32 -1.60 0.00	64.66 -2.43 0.00	53.61 -2.29 0.00	55.44 -2.50 0.00	33.14 -1.37 0.00	44.90 -1.87 0.00	221.26 -9.17 0.00	45.97 -1.94 0.00	40.75 -1.86 0.00	35.65 -1.36 0.00	44.64 -1.73 0.00	61.65 -2.43 0.00	47.24 -1.40 0.00	46.55 -1.11 0.00	40.34 -0.86 0.00	52.04 -2.02 0.00	41.30 -1.53 0.00	38.29 -1.65 0.00
LOWER___HUDSON 24059	59.89 2.08 0.00	41.00 1.37 0.00	37.34 1.26 0.00	41.25 1.38 0.00	43.91 1.43 0.00	48.90 1.61 0.00	51.66 1.74 0.00	69.24 2.14 0.00	57.71 1.82 0.00	59.94 2.01 0.00	35.71 1.20 0.00	48.25 1.47 0.00	237.79 7.36 0.00	49.50 1.60 0.00	44.08 1.47 0.00	38.32 1.32 0.00	48.09 1.72 0.00	66.25 2.17 0.00	50.10 1.46 0.00	49.13 1.47 0.00	42.29 1.09 0.00	56.10 2.04 0.00	44.37 1.54 0.00	41.08 1.14 0.00

LOWVILLE_115KV_TB2 356335	56.06 -1.75 0.00	38.15 -1.48 0.00	34.73 -1.36 0.00	38.65 -1.23 0.00	41.39 -1.08 0.00	46.01 -1.28 0.00	48.37 -1.55 0.00	63.69 -3.40 0.00	52.68 -3.21 0.00	55.29 -2.65 0.00	33.01 -1.51 0.00	44.93 -1.84 0.00	222.29 -8.14 0.00	45.58 -2.33 0.00	40.48 -2.13 0.00	35.68 -1.32 0.00	44.68 -1.69 0.00	61.55 -2.53 0.00	47.17 -1.47 0.00	46.75 -0.91 0.00	40.26 -0.94 0.00	51.73 -2.34 0.00	40.92 -1.92 0.00	38.24 -1.70 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	60.47 2.66 0.00	41.34 1.71 0.00	37.69 1.60 0.00	41.67 1.79 0.00	44.37 1.89 0.00	49.42 2.14 0.00	52.19 2.27 0.00	69.88 2.79 0.00	58.31 2.43 0.00	60.57 2.64 0.00	36.08 1.57 0.00	48.78 2.00 0.00	240.53 10.10 0.00	50.02 2.12 0.00	44.62 2.01 0.00	38.81 1.81 0.00	48.69 2.32 0.00	67.04 2.96 0.00	50.69 2.05 0.00	49.79 2.13 0.00	42.86 1.65 0.00	56.74 2.68 0.00	44.81 1.98 0.00	41.55 1.61 0.00
LUTHERNY_35_KV_BK2 355980	60.54 2.73 0.00	41.38 1.75 0.00	37.72 1.64 0.00	41.73 1.86 0.00	44.41 1.93 0.00	49.47 2.18 0.00	52.26 2.34 0.00	69.96 2.86 0.00	58.39 2.50 0.00	60.68 2.74 0.00	36.12 1.61 0.00	48.86 2.08 0.00	240.79 10.35 0.00	50.08 2.17 0.00	44.67 2.06 0.00	38.86 1.85 0.00	48.75 2.38 0.00	67.11 3.03 0.00	50.76 2.11 0.00	49.87 2.21 0.00	42.91 1.70 0.00	56.81 2.75 0.00	44.88 2.04 0.00	41.62 1.68 0.00
LWR__OSWEGATCHIE_HYD 23850	54.94 -2.88 0.00	37.60 -2.03 0.00	34.36 -1.73 0.00	38.16 -1.72 0.00	40.80 -1.67 0.00	45.39 -1.90 0.00	47.80 -2.12 0.00	63.42 -3.68 0.00	52.51 -3.38 0.00	54.68 -3.26 0.00	32.68 -1.83 0.00	44.36 -2.42 0.00	218.89 -11.54 0.00	45.19 -2.72 0.00	40.06 -2.55 0.00	35.18 -1.82 0.00	44.05 -2.32 0.00	60.81 -3.27 0.00	46.61 -2.03 0.00	46.09 -1.57 0.00	39.84 -1.36 0.00	51.27 -2.79 0.00	40.68 -2.16 0.00	37.89 -2.06 0.00
LYONS_FALL_HYD 23570	57.10 -0.71 0.00	38.93 -0.71 0.00	35.42 -0.67 0.00	39.31 -0.57 0.00	42.04 -0.44 0.00	46.75 -0.54 0.00	49.22 -0.70 0.00	65.21 -1.89 0.00	54.08 -1.81 0.00	56.54 -1.39 0.00	33.70 -0.81 0.00	45.80 -0.98 0.00	226.48 -3.95 0.00	46.63 -1.28 0.00	41.43 -1.18 0.00	36.31 -0.69 0.00	45.48 -0.89 0.00	62.68 -1.40 0.00	48.00 -0.65 0.00	47.43 -0.23 0.00	40.92 -0.28 0.00	52.99 -1.08 0.00	41.85 -0.99 0.00	39.09 -0.85 0.00
MADISON__COUNTY_LFGE 323628	58.89 1.08 0.00	40.27 0.64 0.00	36.60 0.52 0.00	40.45 0.58 0.00	43.13 0.65 0.00	48.01 0.72 0.00	50.64 0.72 0.00	67.64 0.54 0.00	56.36 0.47 0.00	58.51 0.57 0.00	34.80 0.28 0.00	47.06 0.38 0.09	232.92 2.56 0.08	44.41 0.37 3.86	39.46 0.26 3.41	37.21 0.21 0.00	46.62 0.24 0.00	64.32 0.23 0.00	49.15 0.50 0.00	48.40 0.74 0.00	41.90 0.70 0.00	55.04 0.97 0.00	43.36 0.52 0.00	40.51 0.56 0.00
MALONE__115KV_TB1 356076	57.48 -0.33 0.00	39.58 -0.05 0.00	36.07 -0.01 0.00	39.96 0.08 0.00	42.62 0.14 0.00	47.41 0.12 0.00	50.10 0.19 0.00	67.56 0.46 0.00	56.06 0.17 0.00	57.80 -0.14 0.00	34.48 -0.03 0.00	46.66 -0.11 0.00	229.44 -0.99 0.00	47.77 -0.14 0.00	42.16 -0.45 0.00	36.85 -0.15 0.00	46.08 -0.29 0.00	63.86 -0.22 0.00	48.80 0.15 0.00	47.84 0.18 0.00	41.51 0.30 0.00	54.00 -0.06 0.00	42.58 -0.25 0.00	39.45 -0.50 0.00
MAPLEWOD_115KV_TB3 80458	59.58 1.77 0.00	40.85 1.22 0.00	37.20 1.12 0.00	41.06 1.18 0.00	43.69 1.22 0.00	48.67 1.38 0.00	51.41 1.49 0.00	68.98 1.88 0.00	57.49 1.60 0.00	59.73 1.80 0.00	35.60 1.09 0.00	48.15 1.37 0.00	237.14 6.71 0.00	49.44 1.54 0.00	44.05 1.45 0.00	38.25 1.25 0.00	47.96 1.59 0.00	66.90 1.95 -0.87	50.18 1.34 -0.20	48.95 1.29 0.00	42.29 1.01 -0.07	56.09 1.86 -0.17	44.60 1.42 -0.34	41.04 1.10 0.00
MAPLE_RIDGE_WT_1 323574	57.35 -0.47 0.00	39.11 -0.53 0.00	35.57 -0.51 0.00	39.43 -0.44 0.00	42.01 -0.46 0.00	46.62 -0.67 0.00	49.26 -0.66 0.00	66.28 -0.82 0.00	55.28 -0.61 0.00	57.39 -0.55 0.00	34.27 -0.24 0.00	46.47 -0.31 0.00	228.87 -1.56 0.00	47.58 -0.32 0.00	42.37 -0.24 0.00	36.84 -0.16 0.00	46.07 -0.30 0.00	63.60 -0.48 0.00	48.33 -0.31 0.00	47.37 -0.29 0.00	40.79 -0.41 0.00	52.89 -1.17 0.00	41.93 -0.90 0.00	39.14 -0.80 0.00
MAPLE_RIDGE_WT_2 323611	57.35 -0.47 0.00	39.11 -0.53 0.00	35.57 -0.51 0.00	39.43 -0.44 0.00	42.01 -0.46 0.00	46.62 -0.67 0.00	49.26 -0.66 0.00	66.28 -0.82 0.00	55.28 -0.61 0.00	57.39 -0.55 0.00	34.27 -0.24 0.00	46.47 -0.31 0.00	228.87 -1.56 0.00	47.58 -0.32 0.00	42.37 -0.24 0.00	36.84 -0.16 0.00	46.07 -0.30 0.00	63.60 -0.48 0.00	48.33 -0.31 0.00	47.37 -0.29 0.00	40.79 -0.41 0.00	52.89 -1.17 0.00	41.93 -0.90 0.00	39.14 -0.80 0.00
MARBLE_RIVER_WT_PWR 323696	57.21 -0.61 0.00	39.32 -0.31 0.00	35.85 -0.23 0.00	39.71 -0.17 0.00	42.36 -0.11 0.00	47.15 -0.14 0.00	49.74 -0.17 0.00	67.08 -0.02 0.00	55.80 -0.09 0.00	57.61 -0.32 0.00	34.38 -0.14 0.00	46.58 -0.20 0.00	229.40 -1.03 0.00	47.65 -0.26 0.00	42.10 -0.51 0.00	36.73 -0.27 0.00	46.05 -0.32 0.00	63.67 -0.41 0.00	48.51 -0.13 0.00	47.63 -0.03 0.00	41.29 0.09 0.00	53.59 -0.48 0.00	42.33 -0.50 0.00	39.24 -0.71 0.00
MARSHVLE_115KV_TB1 80742	61.16 2.78 -0.56	44.69 1.85 -3.20	37.66 1.58 0.00	41.56 1.69 0.00	44.22 1.74 0.00	49.24 1.95 0.00	52.60 2.25 -0.43	74.60 3.17 -4.33	61.50 2.78 -2.83	62.49 2.67 -1.89	37.32 1.56 -1.25	49.41 2.07 -0.56	248.40 8.54 -9.42	55.72 1.58 -6.23	49.61 1.50 -5.50	39.07 1.46 -0.60	52.70 1.98 -4.35	75.29 2.74 -8.47	51.25 2.25 -0.35	50.24 2.58 0.00	43.87 2.09 -0.57	56.79 2.43 -0.29	45.12 1.70 -0.59	41.64 1.70 0.00
MARSH_HILL_WT_PWR 323713	49.24 -2.08 6.50	0.67 -1.79 37.17	34.49 -1.59 0.00	38.29 -1.58 0.00	40.91 -1.57 0.00	45.58 -1.71 0.00	44.01 -2.21 3.70	25.84 -3.86 37.40	27.98 -3.20 24.71	33.71 -3.68 20.55	21.32 -2.18 11.00	39.56 -2.71 4.50	71.38 -15.39 143.66	11.62 -3.63 32.66	10.74 -3.00 28.86	29.05 -2.71 5.24	5.54 -4.08 36.75	-6.84 -5.76 65.16	43.15 -3.74 1.75	49.28 -3.68 -5.30	54.71 -3.07 -16.57	96.65 -2.33 -44.92	40.18 -3.39 -0.74	37.14 -2.80 0.00
MCINTYRE_115KV_TB2 80467	57.02 -0.79 0.00	39.34 -0.30 0.00	35.95 -0.13 0.00	39.86 -0.01 0.00	42.54 0.06 0.00	47.33 0.04 0.00	49.93 0.01 0.00	66.51 -0.58 0.00	54.93 -0.96 0.00	56.70 -1.24 0.00	33.91 -0.60 0.00	45.91 -0.86 0.00	226.16 -4.27 0.00	47.06 -0.84 0.00	41.72 -0.89 0.00	36.49 -0.51 0.00	45.65 -0.72 0.00	63.12 -0.97 0.00	48.48 -0.16 0.00	48.05 0.39 0.00	41.81 0.61 0.00	54.05 -0.01 0.00	42.80 -0.04 0.00	39.63 -0.31 0.00
MECO____69_KV_BK1 80468	61.26 3.44 0.00	41.92 2.28 0.00	38.09 2.01 0.00	42.06 2.18 0.00	44.77 2.30 0.00	49.87 2.58 0.00	53.13 2.87 -0.34	74.42 3.90 -3.42	61.34 3.47 -1.98	62.55 3.46 -1.16	37.28 2.06 -0.70	49.61 2.71 -0.12	242.44 11.61 -0.40	55.43 2.39 -5.13	49.34 2.19 -4.53	39.55 2.07 -0.48	52.65 2.83 -3.44	73.89 3.93 -5.87	51.82 2.89 -0.29	50.87 3.21 0.00	44.36 2.70 -0.46	57.81 3.51 -0.24	45.79 2.47 -0.49	42.19 2.25 0.00

MENANDS___115KV_TB5 355628	59.30 1.49 0.00	40.68 1.04 0.00	37.05 0.97 0.00	40.88 1.00 0.00	43.51 1.04 0.00	48.44 1.15 0.00	51.19 1.27 0.00	68.69 1.59 0.00	57.26 1.37 0.00	59.46 1.53 0.00	35.45 0.93 0.00	47.92 1.14 0.00	236.05 5.62 0.00	49.22 1.32 0.00	43.88 1.27 0.00	38.10 1.09 0.00	47.75 1.38 0.00	66.62 1.67 -0.87	49.97 1.12 -0.20	48.70 1.04 0.00	42.07 0.79 -0.07	55.84 1.61 -0.17	44.41 1.23 -0.34	40.86 0.91 0.00
MG INDUSTRY___DRP 24185	59.38 1.57 0.00	40.74 1.11 0.00	37.11 1.03 0.00	40.94 1.06 0.00	43.59 1.12 0.00	48.53 1.24 0.00	51.29 1.37 0.00	68.79 1.69 0.00	57.33 1.45 0.00	59.51 1.58 0.00	35.43 0.92 0.00	48.02 1.16 -0.09	236.02 5.52 -0.07	52.81 1.25 -3.64	47.11 1.28 -3.22	38.07 1.06 0.00	47.72 1.35 0.00	66.64 1.67 -0.88	49.96 1.11 -0.21	48.74 1.08 0.00	42.16 0.88 -0.08	55.85 1.62 -0.17	44.43 1.25 -0.35	40.97 1.03 0.00
MID___OSWEGATCHIE_HYD 23849	54.94 -2.88 0.00	37.60 -2.03 0.00	34.36 -1.73 0.00	38.16 -1.72 0.00	40.80 -1.67 0.00	45.39 -1.90 0.00	47.80 -2.12 0.00	63.42 -3.68 0.00	52.51 -3.38 0.00	54.68 -3.26 0.00	32.68 -1.83 0.00	44.36 -2.42 0.00	218.89 -11.54 0.00	45.19 -2.72 0.00	40.06 -2.55 0.00	35.18 -1.82 0.00	44.05 -2.32 0.00	60.81 -3.27 0.00	46.61 -2.03 0.00	46.09 -1.57 0.00	39.84 -1.36 0.00	51.27 -2.79 0.00	40.68 -2.16 0.00	37.89 -2.06 0.00
MID___RAQUETTE_HYD 23851	55.05 -2.76 0.00	37.93 -1.70 0.00	34.77 -1.32 0.00	38.56 -1.32 0.00	41.17 -1.30 0.00	45.81 -1.47 0.00	48.32 -1.60 0.00	64.64 -2.46 0.00	53.58 -2.31 0.00	55.42 -2.52 0.00	33.13 -1.38 0.00	44.90 -1.87 0.00	221.24 -9.19 0.00	45.95 -1.95 0.00	40.72 -1.89 0.00	35.64 -1.37 0.00	44.60 -1.77 0.00	61.63 -2.45 0.00	47.24 -1.40 0.00	46.55 -1.11 0.00	40.34 -0.87 0.00	52.04 -2.03 0.00	41.29 -1.54 0.00	38.29 -1.65 0.00
MILLIKEN___1 23584	57.25 0.87 1.43	32.00 0.54 8.17	36.54 0.45 0.00	40.35 0.48 0.00	42.99 0.51 0.00	47.88 0.59 0.00	49.71 0.62 0.83	59.10 0.40 8.40	50.63 0.39 5.65	59.26 0.36 -0.96	32.07 0.13 2.57	45.56 0.04 1.25	281.02 -0.10 -50.69	34.48 -0.04 13.39	30.60 -0.17 11.84	35.66 -0.16 1.18	38.13 -0.22 8.03	48.66 -0.10 15.32	48.07 0.13 0.70	48.39 0.34 -0.40	45.37 0.53 -3.64	58.02 1.10 -2.86	42.33 0.40 0.90	40.43 0.49 0.00
MILLIKEN___2 23585	57.25 0.87 1.43	32.00 0.54 8.17	36.54 0.45 0.00	40.35 0.48 0.00	42.99 0.51 0.00	47.88 0.59 0.00	49.71 0.62 0.83	59.10 0.40 8.40	50.63 0.39 5.65	59.26 0.36 -0.96	32.07 0.13 2.57	45.56 0.04 1.25	281.02 -0.10 -50.69	34.48 -0.04 13.39	30.60 -0.17 11.84	35.66 -0.16 1.18	38.13 -0.22 8.03	48.66 -0.10 15.32	48.07 0.13 0.70	48.39 0.34 -0.40	45.37 0.53 -3.64	58.02 1.10 -2.86	42.33 0.40 0.90	40.43 0.49 0.00
MILLIKEN___DIESEL 23629	57.25 0.87 1.43	32.00 0.54 8.17	36.54 0.45 0.00	40.35 0.48 0.00	42.99 0.51 0.00	47.88 0.59 0.00	49.71 0.62 0.83	59.10 0.40 8.40	50.63 0.39 5.65	59.26 0.36 -0.96	32.07 0.13 2.57	45.56 0.04 1.25	281.02 -0.10 -50.69	34.48 -0.04 13.39	30.60 -0.17 11.84	35.66 -0.16 1.18	38.13 -0.22 8.03	48.66 -0.10 15.32	48.07 0.13 0.70	48.39 0.34 -0.40	45.37 0.53 -3.64	58.02 1.10 -2.86	42.33 0.40 0.90	40.43 0.49 0.00
MILLSEAT___LFGE 323607	50.94 -3.42 3.46	17.64 -2.20 19.79	34.03 -2.05 0.00	37.73 -2.15 0.00	40.24 -2.24 0.00	44.96 -2.32 0.00	45.04 -2.88 2.00	42.80 -4.15 20.16	38.98 -3.73 13.19	43.10 -4.68 10.17	26.18 -2.58 5.76	40.55 -3.91 2.31	145.49 -21.58 63.36	25.91 -4.10 17.89	23.29 -3.51 15.81	31.18 -3.00 2.83	22.95 -3.65 19.77	25.78 -4.07 34.24	44.41 -3.30 0.93	43.46 -3.26 0.93	31.93 -2.19 7.08	43.84 -1.29 8.93	38.21 -2.43 2.20	38.43 -1.51 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	60.67 2.85 0.00	41.36 1.72 0.00	37.60 1.52 0.00	41.39 1.52 0.00	44.06 1.59 0.00	49.32 2.03 0.00	52.27 2.35 0.00	69.89 2.79 0.00	58.29 2.40 0.00	60.78 2.85 0.00	35.99 1.47 0.00	49.41 2.51 -0.12	243.20 12.68 -0.10	55.43 2.65 -4.87	49.70 2.79 -4.30	39.14 2.14 0.00	49.11 2.74 0.00	69.11 3.84 -1.18	51.58 2.66 -0.28	49.93 2.27 0.00	43.22 1.92 -0.10	57.01 2.72 -0.23	45.63 2.33 -0.46	42.07 2.13 0.00
MILLWOOD_13_KV_LOAD 356217	60.77 2.95 0.00	41.43 1.80 0.00	37.65 1.57 0.00	41.45 1.57 0.00	44.12 1.64 0.00	49.39 2.10 0.00	52.34 2.42 0.00	69.99 2.89 0.00	58.40 2.51 0.00	60.87 2.93 0.00	36.04 1.53 0.00	49.49 2.60 -0.12	243.64 13.12 -0.10	55.51 2.73 -4.87	49.78 2.87 -4.30	39.20 2.20 0.00	49.19 2.82 0.00	69.24 3.97 -1.18	51.67 2.75 -0.28	50.02 2.35 0.00	43.31 2.00 -0.10	57.11 2.82 -0.23	45.69 2.40 -0.46	42.14 2.20 0.00
MODEL_CITY_ENERGY 24167	48.80 -5.22 3.80	14.57 -3.35 21.72	32.94 -3.14 0.00	36.53 -3.35 0.00	38.96 -3.52 0.00	43.54 -3.74 0.00	43.30 -4.43 2.19	39.07 -5.93 22.10	36.45 -5.04 14.40	40.96 -5.88 11.10	25.06 -3.17 6.28	39.49 -4.78 2.51	135.65 -25.66 69.12	24.03 -4.74 19.13	21.62 -4.09 16.91	30.37 -3.53 3.09	20.45 -4.27 21.65	21.18 -5.43 37.47	42.93 -4.71 1.00	41.63 -4.84 1.19	29.24 -3.50 8.47	40.06 -2.79 11.20	36.60 -3.74 2.49	37.32 -2.63 0.00
MODERN_LFGE___ 323580	48.80 -5.22 3.80	14.57 -3.35 21.72	32.94 -3.14 0.00	36.53 -3.35 0.00	38.96 -3.52 0.00	43.54 -3.74 0.00	43.30 -4.43 2.19	39.07 -5.93 22.10	36.45 -5.04 14.40	40.96 -5.88 11.10	25.06 -3.17 6.28	39.49 -4.78 2.51	135.65 -25.66 69.12	24.03 -4.74 19.13	21.62 -4.09 16.91	30.37 -3.53 3.09	20.45 -4.27 21.65	21.18 -5.43 37.47	42.93 -4.71 1.00	41.63 -4.84 1.19	29.24 -3.50 8.47	40.06 -2.79 11.20	36.60 -3.74 2.49	37.32 -2.63 0.00
MOHAWK_PAPER___DRP 24187	59.58 1.77 0.00	40.85 1.22 0.00	37.20 1.12 0.00	41.06 1.18 0.00	43.69 1.22 0.00	48.67 1.38 0.00	51.41 1.49 0.00	68.98 1.88 0.00	57.49 1.60 0.00	59.73 1.80 0.00	35.60 1.09 0.00	48.15 1.37 0.00	237.14 6.71 0.00	49.44 1.54 0.00	44.05 1.45 0.00	38.25 1.25 0.00	47.96 1.59 0.00	66.90 1.95 -0.87	50.18 1.34 -0.20	48.95 1.29 0.00	42.29 1.01 -0.07	56.09 1.86 -0.17	44.60 1.42 -0.34	41.04 1.10 0.00
MOHICAN___35_KV_115KV_LD 80490	60.98 3.16 0.00	41.57 1.94 0.00	37.98 1.89 0.00	42.09 2.21 0.00	44.84 2.37 0.00	49.96 2.67 0.00	52.68 2.77 0.00	70.26 3.16 0.00	58.75 2.86 0.00	61.03 3.09 0.00	36.38 1.87 0.00	49.10 2.33 0.00	243.09 12.66 0.00	50.52 2.61 0.00	45.07 2.46 0.00	39.22 2.22 0.00	49.23 2.86 0.00	67.59 3.51 0.00	51.12 2.47 0.00	50.34 2.68 0.00	43.18 1.97 0.00	57.20 3.14 0.00	45.11 2.27 0.00	41.80 1.86 0.00
MONGAUP___HYD 23641	61.33 2.95 -0.57	44.69 1.80 -3.25	37.62 1.54 0.00	41.42 1.55 0.00	44.09 1.62 0.00	49.33 2.04 0.00	52.32 2.09 -0.30	72.65 2.50 -3.06	59.65 1.99 -1.77	61.61 2.65 -1.03	36.53 1.39 -0.62	49.20 2.29 -0.13	241.39 10.59 -0.38	55.74 2.32 -5.51	49.97 2.49 -4.87	39.39 1.97 -0.43	52.01 2.55 -3.08	72.94 3.37 -5.49	51.06 2.10 -0.31	49.65 1.99 0.00	43.51 1.88 -0.43	56.97 2.64 -0.26	45.47 2.11 -0.52	41.92 1.98 0.00

MONTAUK___DIESEL 23721	63.90 3.51 -2.58	49.19 3.06 -6.49	39.32 3.23 -0.01	43.04 3.17 0.00	45.45 2.98 0.00	50.72 3.43 0.00	54.26 4.33 -0.01	71.09 3.99 0.00	64.53 3.68 -4.96	66.05 3.62 -4.50	41.36 1.61 -5.23	49.58 2.69 -0.12	232.95 1.09 -1.43	55.00 0.52 -6.57	60.09 2.29 -15.19	54.78 1.84 -15.94	51.26 2.53 -2.36	69.52 3.35 -2.09	57.87 2.33 -6.89	49.22 1.57 0.00	43.17 1.86 -0.10	55.04 0.75 -0.23	62.13 0.97 -18.32	47.69 1.72 -6.03
MOONROAD_115KV_HARTFLD_TB1-2 355988	50.39 -2.60 4.82	10.03 -2.01 27.60	34.33 -1.75 0.00	38.18 -1.70 0.00	40.75 -1.72 0.00	45.34 -1.95 0.00	44.86 -2.29 2.77	35.59 -3.50 28.01	34.70 -3.09 18.10	40.29 -3.63 14.01	24.58 -2.06 7.88	40.86 -2.80 3.12	127.69 -15.16 87.58	21.54 -3.33 23.03	18.90 -3.36 20.36	29.99 -3.12 3.89	14.93 -4.04 27.40	11.60 -5.07 47.41	43.62 -3.81 1.22	42.15 -4.36 1.14	28.60 -3.43 9.17	40.84 -2.25 10.98	36.57 -3.42 2.84	37.80 -2.14 0.00
MORRIS_RIDGE___SOLAR 323848	48.75 -2.95 6.11	2.42 -2.25 34.97	34.09 -1.99 0.00	37.80 -2.08 0.00	40.29 -2.19 0.00	44.92 -2.37 0.00	43.60 -2.83 3.49	27.24 -4.60 35.26	28.77 -3.94 23.17	35.27 -4.52 18.14	21.60 -2.68 10.23	39.25 -3.49 4.04	95.26 -19.25 115.91	14.43 -4.33 29.14	13.12 -3.74 25.75	28.77 -3.29 4.94	7.29 -4.47 34.61	-2.45 -6.04 60.49	43.10 -4.00 1.55	36.09 -3.99 7.58	-0.44 -3.29 38.35	-15.78 -2.19 67.65	31.64 -3.34 7.85	37.43 -2.51 0.00
MORTIMER_115KV_TB3 55949	53.05 -2.25 2.52	23.68 -1.52 14.43	34.70 -1.38 0.00	38.43 -1.45 0.00	40.96 -1.51 0.00	45.71 -1.57 0.00	46.46 -1.98 1.48	49.07 -3.04 14.99	43.49 -2.60 9.79	47.29 -3.10 7.54	28.46 -1.76 4.30	42.41 -2.60 1.76	169.34 -13.90 47.19	30.78 -2.71 14.42	27.48 -2.39 12.74	32.88 -2.03 2.10	29.44 -2.41 14.52	36.14 -2.73 25.21	45.75 -2.17 0.73	45.49 -2.17 0.00	37.38 -1.60 2.23	52.31 -1.15 0.60	39.96 -1.66 1.22	38.90 -1.04 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	60.93 3.12 0.00	41.53 1.90 0.00	37.76 1.68 0.00	41.55 1.68 0.00	44.23 1.76 0.00	49.53 2.25 0.00	52.51 2.59 0.00	70.19 3.09 0.00	58.54 2.65 0.00	61.06 3.13 0.00	36.02 1.50 0.00	49.67 2.78 -0.12	244.61 14.09 -0.09	55.70 2.94 -4.85	49.95 3.05 -4.29	39.29 2.29 0.00	49.26 2.89 0.00	69.38 4.12 -1.18	51.80 2.89 -0.27	50.10 2.44 0.00	43.37 2.07 -0.10	57.18 2.89 -0.23	45.82 2.52 -0.46	42.25 2.31 0.00
MUNSVILLE_WIND_PWR 323609	62.91 4.17 -0.93	47.66 2.68 -5.35	38.25 2.17 0.00	41.94 2.06 0.00	44.75 2.28 0.00	49.85 2.56 0.00	53.18 2.61 -0.66	77.07 3.36 -6.61	62.95 2.80 -4.26	66.14 2.90 -5.30	38.04 1.69 -1.83	49.49 1.96 -0.75	288.96 8.17 -50.36	57.16 1.96 -7.29	50.98 1.93 -6.44	39.36 1.43 -0.92	55.11 1.94 -6.79	80.52 3.53 -12.91	52.31 3.23 -0.43	51.33 3.38 -0.29	47.98 3.02 -3.76	60.52 3.60 -2.85	45.45 1.69 -0.93	41.63 1.69 0.00
N SALMON___HYD 24042	57.48 -0.33 0.00	39.59 -0.05 0.00	36.07 -0.01 0.00	39.96 0.08 0.00	42.62 0.14 0.00	47.40 0.11 0.00	50.10 0.18 0.00	67.56 0.47 0.00	56.07 0.18 0.00	57.80 -0.13 0.00	34.48 -0.03 0.00	46.66 -0.11 0.00	229.45 -0.98 0.00	47.77 -0.14 0.00	42.16 -0.44 0.00	36.85 -0.15 0.00	46.10 -0.27 0.00	63.85 -0.23 0.00	48.80 0.15 0.00	47.84 0.18 0.00	41.51 0.31 0.00	54.01 -0.05 0.00	42.58 -0.25 0.00	39.44 -0.50 0.00
N.AKRON___115KV_KNAPP 355671	50.60 -3.67 3.55	17.02 -2.32 20.30	33.84 -2.24 0.00	37.53 -2.35 0.00	40.03 -2.44 0.00	44.73 -2.56 0.00	44.72 -3.15 2.04	42.27 -4.18 20.65	38.62 -3.76 13.51	42.80 -4.72 10.42	26.01 -2.60 5.90	40.42 -3.99 2.36	143.39 -22.14 64.91	25.64 -4.05 18.22	23.02 -3.48 16.11	31.13 -2.97 2.90	22.65 -3.45 20.27	24.98 -4.01 35.10	44.22 -3.48 0.94	43.10 -3.55 1.01	31.25 -2.46 7.49	42.89 -1.55 9.62	37.90 -2.65 2.28	38.23 -1.71 0.00
N.BELMOR_69_KV_BK1 55787	64.93 3.65 -3.46	50.74 2.38 -8.73	38.22 2.13 -0.01	42.03 2.15 0.00	44.69 2.21 0.00	50.06 2.77 0.00	53.10 3.17 -0.02	70.90 3.79 0.00	65.85 3.29 -6.66	67.66 3.68 -6.04	43.54 1.99 -7.04	49.92 3.02 -0.12	244.98 12.66 -1.89	58.07 3.00 -7.16	65.03 3.48 -18.94	61.12 2.69 -21.43	52.96 3.42 -3.17	70.86 4.38 -2.40	60.96 3.15 -9.17	50.30 2.64 0.00	43.66 2.36 -0.10	55.88 2.68 0.87	69.96 2.65 -24.48	50.84 2.78 -8.11
N.E._GEN_SANDY PD 24062	73.09 2.43 -12.85	56.12 1.54 -14.94	45.62 1.42 -8.11	49.65 1.50 -8.27	48.52 1.58 -4.46	54.84 1.84 -5.71	52.78 2.02 -0.85	69.56 2.46 0.00	60.38 2.03 -2.46	67.37 2.25 -7.18	35.74 1.33 0.10	46.14 1.69 2.33	228.04 8.54 10.93	54.94 1.84 -5.20	46.91 1.75 -2.54	38.54 1.54 0.00	57.19 2.04 -8.78	65.52 2.69 1.25	58.33 1.78 -7.91	55.10 1.70 -5.74	45.06 1.22 -2.63	67.92 2.31 -11.55	45.73 1.83 -1.07	40.46 1.37 0.85
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	61.24 2.90 -0.53	44.40 1.73 -3.03	37.54 1.46 0.00	41.33 1.45 0.00	43.99 1.51 0.00	49.27 1.98 0.00	52.21 2.29 0.00	69.80 2.70 0.00	58.20 2.31 0.00	60.71 2.77 0.00	35.98 1.47 0.00	49.35 2.45 -0.12	243.06 12.52 -0.10	55.67 2.62 -5.14	49.89 2.73 -4.54	39.10 2.10 0.00	50.44 2.72 -1.35	71.86 3.83 -3.95	51.55 2.62 -0.29	49.89 2.23 0.00	43.23 1.91 -0.11	57.01 2.71 -0.24	45.63 2.30 -0.49	42.05 2.11 0.00
N.QUEENS_27_KV_LOAD 356247	60.67 2.85 0.00	41.36 1.73 0.00	37.61 1.53 0.00	41.42 1.55 0.01	44.10 1.64 0.01	49.41 2.13 0.01	52.37 2.46 0.01	70.03 2.94 0.01	58.32 2.43 0.00	60.90 2.96 0.00	35.90 1.38 0.00	49.47 2.58 -0.12	243.82 13.29 -0.09	55.60 2.84 -4.85	49.84 2.94 -4.29	39.19 2.19 0.00	49.05 2.67 0.00	69.31 4.05 -1.18	51.60 2.68 -0.27	49.81 2.15 0.00	43.16 1.86 -0.10	56.94 2.65 -0.23	45.57 2.28 -0.46	42.09 2.15 0.00
N.TROY___115KV_TB1 355778	59.89 2.08 0.00	41.00 1.36 0.00	37.34 1.26 0.00	41.25 1.38 0.00	43.91 1.43 0.00	48.89 1.60 0.00	51.66 1.74 0.00	69.22 2.12 0.00	57.70 1.81 0.00	59.93 2.00 0.00	35.71 1.20 0.00	48.24 1.47 0.00	237.79 7.36 0.00	49.49 1.59 0.00	44.08 1.47 0.00	38.33 1.33 0.00	48.09 1.71 0.00	66.25 2.16 0.00	50.11 1.46 0.00	49.13 1.47 0.00	42.30 1.10 0.00	56.10 2.04 0.00	44.37 1.53 0.00	41.08 1.14 0.00
NARROWS_GT1_1 24228	61.18 3.36 0.00	41.70 2.06 0.00	37.87 1.79 0.00	41.67 1.80 0.00	44.36 1.89 0.00	49.74 2.45 0.00	52.70 2.78 0.00	70.46 3.36 0.00	58.67 2.78 0.00	61.12 3.18 0.00	36.07 1.56 0.00	49.74 2.84 -0.12	245.22 14.70 -0.09	55.81 3.05 -4.85	50.08 3.18 -4.29	39.37 2.37 0.00	49.41 3.04 0.00	69.60 4.34 -1.18	51.89 2.98 -0.27	50.14 2.48 0.00	43.43 2.12 -0.10	57.27 2.98 -0.23	45.93 2.63 -0.46	42.35 2.41 0.00
NARROWS_GT1_2 24229	61.18 3.36 0.00	41.70 2.06 0.00	37.87 1.79 0.00	41.67 1.80 0.00	44.36 1.89 0.00	49.74 2.45 0.00	52.70 2.78 0.00	70.46 3.36 0.00	58.67 2.78 0.00	61.12 3.18 0.00	36.07 1.56 0.00	49.74 2.84 -0.12	245.22 14.70 -0.09	55.81 3.05 -4.85	50.08 3.18 -4.29	39.37 2.37 0.00	49.41 3.04 0.00	69.60 4.34 -1.18	51.89 2.98 -0.27	50.14 2.48 0.00	43.43 2.12 -0.10	57.27 2.98 -0.23	45.93 2.63 -0.46	42.35 2.41 0.00

NARROWS_GT1_3 24230	61.18 3.36 0.00	41.70 2.06 0.00	37.87 1.79 0.00	41.67 1.80 0.00	44.36 1.89 0.00	49.74 2.45 0.00	52.70 2.78 0.00	70.46 3.36 0.00	58.67 2.78 0.00	61.12 3.18 0.00	36.07 1.56 0.00	49.74 2.84 -0.12	245.22 14.70 -0.09	55.81 3.05 -4.85	50.08 3.18 -4.29	39.37 2.37 0.00	49.41 3.04 0.00	69.60 4.34 -1.18	51.89 2.98 -0.27	50.14 2.48 0.00	43.43 2.12 -0.10	57.27 2.98 -0.23	45.93 2.63 -0.46	42.35 2.41 0.00
NARROWS_GT1_4 24231	61.18 3.36 0.00	41.70 2.06 0.00	37.87 1.79 0.00	41.67 1.80 0.00	44.36 1.89 0.00	49.74 2.45 0.00	52.70 2.78 0.00	70.46 3.36 0.00	58.67 2.78 0.00	61.12 3.18 0.00	36.07 1.56 0.00	49.74 2.84 -0.12	245.22 14.70 -0.09	55.81 3.05 -4.85	50.08 3.18 -4.29	39.37 2.37 0.00	49.41 3.04 0.00	69.60 4.34 -1.18	51.89 2.98 -0.27	50.14 2.48 0.00	43.43 2.12 -0.10	57.27 2.98 -0.23	45.93 2.63 -0.46	42.35 2.41 0.00
NARROWS_GT1_5 24232	61.18 3.36 0.00	41.70 2.06 0.00	37.87 1.79 0.00	41.67 1.80 0.00	44.36 1.89 0.00	49.74 2.45 0.00	52.70 2.78 0.00	70.46 3.36 0.00	58.67 2.78 0.00	61.12 3.18 0.00	36.07 1.56 0.00	49.74 2.84 -0.12	245.22 14.70 -0.09	55.81 3.05 -4.85	50.08 3.18 -4.29	39.37 2.37 0.00	49.41 3.04 0.00	69.60 4.34 -1.18	51.89 2.98 -0.27	50.14 2.48 0.00	43.43 2.12 -0.10	57.27 2.98 -0.23	45.93 2.63 -0.46	42.35 2.41 0.00
NARROWS_GT1_6 24233	61.18 3.36 0.00	41.70 2.06 0.00	37.87 1.79 0.00	41.67 1.80 0.00	44.36 1.89 0.00	49.74 2.45 0.00	52.70 2.78 0.00	70.46 3.36 0.00	58.67 2.78 0.00	61.12 3.18 0.00	36.07 1.56 0.00	49.74 2.84 -0.12	245.22 14.70 -0.09	55.81 3.05 -4.85	50.08 3.18 -4.29	39.37 2.37 0.00	49.41 3.04 0.00	69.60 4.34 -1.18	51.89 2.98 -0.27	50.14 2.48 0.00	43.43 2.12 -0.10	57.27 2.98 -0.23	45.93 2.63 -0.46	42.35 2.41 0.00
NARROWS_GT1_7 24234	61.18 3.36 0.00	41.70 2.06 0.00	37.87 1.79 0.00	41.67 1.80 0.00	44.36 1.89 0.00	49.74 2.45 0.00	52.70 2.78 0.00	70.46 3.36 0.00	58.67 2.78 0.00	61.12 3.18 0.00	36.07 1.56 0.00	49.74 2.84 -0.12	245.22 14.70 -0.09	55.81 3.05 -4.85	50.08 3.18 -4.29	39.37 2.37 0.00	49.41 3.04 0.00	69.60 4.34 -1.18	51.89 2.98 -0.27	50.14 2.48 0.00	43.43 2.12 -0.10	57.27 2.98 -0.23	45.93 2.63 -0.46	42.35 2.41 0.00
NARROWS_GT1_8 24235	61.18 3.36 0.00	41.70 2.06 0.00	37.87 1.79 0.00	41.67 1.80 0.00	44.36 1.89 0.00	49.74 2.45 0.00	52.70 2.78 0.00	70.46 3.36 0.00	58.67 2.78 0.00	61.12 3.18 0.00	36.07 1.56 0.00	49.74 2.84 -0.12	245.22 14.70 -0.09	55.81 3.05 -4.85	50.08 3.18 -4.29	39.37 2.37 0.00	49.41 3.04 0.00	69.60 4.34 -1.18	51.89 2.98 -0.27	50.14 2.48 0.00	43.43 2.12 -0.10	57.27 2.98 -0.23	45.93 2.63 -0.46	42.35 2.41 0.00
NARROWS_GT2_1 24236	61.18 3.36 0.00	41.70 2.06 0.00	37.87 1.79 0.00	41.67 1.80 0.00	44.36 1.89 0.00	49.74 2.45 0.00	52.70 2.78 0.00	70.46 3.36 0.00	58.67 2.78 0.00	61.12 3.18 0.00	36.07 1.56 0.00	49.74 2.84 -0.12	245.22 14.70 -0.09	55.81 3.05 -4.85	50.08 3.18 -4.29	39.37 2.37 0.00	49.41 3.04 0.00	69.60 4.34 -1.18	51.89 2.98 -0.27	50.14 2.48 0.00	43.43 2.12 -0.10	57.27 2.98 -0.23	45.93 2.63 -0.46	42.35 2.41 0.00
NARROWS_GT2_2 24237	61.18 3.36 0.00	41.70 2.06 0.00	37.87 1.79 0.00	41.67 1.80 0.00	44.36 1.89 0.00	49.74 2.45 0.00	52.70 2.78 0.00	70.46 3.36 0.00	58.67 2.78 0.00	61.12 3.18 0.00	36.07 1.56 0.00	49.74 2.84 -0.12	245.22 14.70 -0.09	55.81 3.05 -4.85	50.08 3.18 -4.29	39.37 2.37 0.00	49.41 3.04 0.00	69.60 4.34 -1.18	51.89 2.98 -0.27	50.14 2.48 0.00	43.43 2.12 -0.10	57.27 2.98 -0.23	45.93 2.63 -0.46	42.35 2.41 0.00
NARROWS_GT2_3 24238	61.18 3.36 0.00	41.70 2.06 0.00	37.87 1.79 0.00	41.67 1.80 0.00	44.36 1.89 0.00	49.74 2.45 0.00	52.70 2.78 0.00	70.46 3.36 0.00	58.67 2.78 0.00	61.12 3.18 0.00	36.07 1.56 0.00	49.74 2.84 -0.12	245.22 14.70 -0.09	55.81 3.05 -4.85	50.08 3.18 -4.29	39.37 2.37 0.00	49.41 3.04 0.00	69.60 4.34 -1.18	51.89 2.98 -0.27	50.14 2.48 0.00	43.43 2.12 -0.10	57.27 2.98 -0.23	45.93 2.63 -0.46	42.35 2.41 0.00
NARROWS_GT2_4 24239	61.18 3.36 0.00	41.70 2.06 0.00	37.87 1.79 0.00	41.67 1.80 0.00	44.36 1.89 0.00	49.74 2.45 0.00	52.70 2.78 0.00	70.46 3.36 0.00	58.67 2.78 0.00	61.12 3.18 0.00	36.07 1.56 0.00	49.74 2.84 -0.12	245.22 14.70 -0.09	55.81 3.05 -4.85	50.08 3.18 -4.29	39.37 2.37 0.00	49.41 3.04 0.00	69.60 4.34 -1.18	51.89 2.98 -0.27	50.14 2.48 0.00	43.43 2.12 -0.10	57.27 2.98 -0.23	45.93 2.63 -0.46	42.35 2.41 0.00
NARROWS_GT2_5 24240	61.18 3.36 0.00	41.70 2.06 0.00	37.87 1.79 0.00	41.67 1.80 0.00	44.36 1.89 0.00	49.74 2.45 0.00	52.70 2.78 0.00	70.46 3.36 0.00	58.67 2.78 0.00	61.12 3.18 0.00	36.07 1.56 0.00	49.74 2.84 -0.12	245.22 14.70 -0.09	55.81 3.05 -4.85	50.08 3.18 -4.29	39.37 2.37 0.00	49.41 3.04 0.00	69.60 4.34 -1.18	51.89 2.98 -0.27	50.14 2.48 0.00	43.43 2.12 -0.10	57.27 2.98 -0.23	45.93 2.63 -0.46	42.35 2.41 0.00
NARROWS_GT2_6 24241	61.18 3.36 0.00	41.70 2.06 0.00	37.87 1.79 0.00	41.67 1.80 0.00	44.36 1.89 0.00	49.74 2.45 0.00	52.70 2.78 0.00	70.46 3.36 0.00	58.67 2.78 0.00	61.12 3.18 0.00	36.07 1.56 0.00	49.74 2.84 -0.12	245.22 14.70 -0.09	55.81 3.05 -4.85	50.08 3.18 -4.29	39.37 2.37 0.00	49.41 3.04 0.00	69.60 4.34 -1.18	51.89 2.98 -0.27	50.14 2.48 0.00	43.43 2.12 -0.10	57.27 2.98 -0.23	45.93 2.63 -0.46	42.35 2.41 0.00
NARROWS_GT2_7 24242	61.18 3.36 0.00	41.70 2.06 0.00	37.87 1.79 0.00	41.67 1.80 0.00	44.36 1.89 0.00	49.74 2.45 0.00	52.70 2.78 0.00	70.46 3.36 0.00	58.67 2.78 0.00	61.12 3.18 0.00	36.07 1.56 0.00	49.74 2.84 -0.12	245.22 14.70 -0.09	55.81 3.05 -4.85	50.08 3.18 -4.29	39.37 2.37 0.00	49.41 3.04 0.00	69.60 4.34 -1.18	51.89 2.98 -0.27	50.14 2.48 0.00	43.43 2.12 -0.10	57.27 2.98 -0.23	45.93 2.63 -0.46	42.35 2.41 0.00
NARROWS_GT2_8 24243	61.18 3.36 0.00	41.70 2.06 0.00	37.87 1.79 0.00	41.67 1.80 0.00	44.36 1.89 0.00	49.74 2.45 0.00	52.70 2.78 0.00	70.46 3.36 0.00	58.67 2.78 0.00	61.12 3.18 0.00	36.07 1.56 0.00	49.74 2.84 -0.12	245.22 14.70 -0.09	55.81 3.05 -4.85	50.08 3.18 -4.29	39.37 2.37 0.00	49.41 3.04 0.00	69.60 4.34 -1.18	51.89 2.98 -0.27	50.14 2.48 0.00	43.43 2.12 -0.10	57.27 2.98 -0.23	45.93 2.63 -0.46	42.35 2.41 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	60.26 2.44 0.00	41.33 1.70 0.00	37.63 1.55 0.00	41.50 1.62 0.00	44.18 1.71 0.00	49.22 1.93 0.00	52.08 2.16 0.00	69.99 2.89 0.00	58.49 2.60 0.00	60.77 2.84 0.00	36.18 1.66 0.00	48.94 2.07 -0.09	238.82 8.31 -0.08	53.76 1.95 -3.91	48.22 2.16 -3.45	38.84 1.83 0.00	48.63 2.26 0.00	67.94 2.91 -0.95	50.86 1.99 -0.22	49.64 1.98 0.00	43.05 1.77 -0.08	57.06 2.82 -0.18	45.31 2.10 -0.37	41.66 1.72 0.00



NCHELSEA_115KV_TR2 355582	61.03 3.22 0.00	41.62 1.99 0.00	37.82 1.74 0.00	41.65 1.78 0.00	44.33 1.86 0.00	49.60 2.31 0.00	52.55 2.64 0.00	70.32 3.22 0.00	58.67 2.78 0.00	61.11 3.18 0.00	36.26 1.74 0.00	49.67 2.78 -0.12	244.46 13.94 -0.09	55.66 2.90 -4.85	49.88 2.99 -4.28	39.37 2.37 0.00	49.41 3.04 0.00	69.49 4.24 -1.18	51.91 2.99 -0.27	50.33 2.67 0.00	43.57 2.26 -0.10	57.52 3.23 -0.23	45.93 2.64 -0.46	42.31 2.37 0.00
NEG CAPITAL___MECHNVIL 23645	60.57 2.76 0.00	41.41 1.78 0.00	37.74 1.66 0.00	41.73 1.85 0.00	44.43 1.96 0.00	49.47 2.19 0.00	52.26 2.34 0.00	70.01 2.91 0.00	58.42 2.53 0.00	60.69 2.75 0.00	36.16 1.64 0.00	48.87 2.10 0.00	241.00 10.57 0.00	50.16 2.25 0.00	44.70 2.09 0.00	38.89 1.88 0.00	48.76 2.39 0.00	67.18 3.09 0.00	50.79 2.14 0.00	49.87 2.21 0.00	42.94 1.74 0.00	56.87 2.80 0.00	44.90 2.06 0.00	41.61 1.67 0.00
NEG CENTRAL_HIGH_ACRES 23767	52.93 -2.74 2.14	25.51 -1.90 12.22	34.37 -1.71 0.00	38.03 -1.84 0.00	40.56 -1.92 0.00	45.23 -2.06 0.00	46.23 -2.42 1.27	50.60 -3.69 12.81	44.39 -3.12 8.39	48.08 -3.52 6.34	28.75 -2.07 3.69	42.26 -2.98 1.54	176.13 -15.45 38.84	31.59 -3.19 13.13	28.15 -2.86 11.61	32.76 -2.45 1.79	31.03 -2.99 12.34	39.00 -3.55 21.54	45.36 -2.63 0.65	45.07 -2.59 0.00	37.41 -1.96 1.83	51.65 -1.86 0.54	39.62 -2.12 1.10	38.40 -1.54 0.00
NEG CENTRAL___DRP 24199	54.80 -0.72 2.30	25.89 -0.58 13.16	35.57 -0.51 0.00	39.34 -0.54 0.00	41.93 -0.55 0.00	46.69 -0.60 0.00	47.89 -0.67 1.35	51.97 -1.45 13.67	45.61 -1.23 9.05	49.26 -1.50 7.18	29.49 -0.98 4.04	43.63 -1.40 1.74	174.87 -7.76 47.80	31.34 -1.64 14.92	27.87 -1.56 13.19	33.76 -1.33 1.92	31.46 -1.70 13.21	38.53 -1.95 23.61	46.49 -1.40 0.76	46.98 -1.19 -0.51	40.52 -0.78 -0.09	57.82 -0.08 -3.84	41.07 -0.85 0.91	39.40 -0.54 0.00
NEG CENTRAL___INDECK 23768	52.33 -0.59 4.90	10.97 -0.63 28.03	35.55 -0.53 0.00	39.39 -0.49 0.00	42.02 -0.46 0.00	46.87 -0.42 0.00	46.08 -1.03 2.81	36.71 -1.98 28.41	35.38 -1.81 18.70	40.62 -2.39 14.93	24.86 -1.38 8.28	41.41 -2.02 3.34	120.32 -11.65 98.46	20.49 -2.65 24.76	18.45 -2.28 21.88	30.98 -2.04 3.98	15.83 -2.72 27.82	11.87 -3.36 48.86	45.39 -1.95 1.31	51.42 -1.69 -5.45	59.46 -0.88 -19.12	100.96 0.29 -46.61	43.38 -1.04 -1.59	39.43 -0.51 0.00
NEG CENTRAL___SENECA 23627	53.48 -1.01 3.33	19.72 -0.83 19.08	35.38 -0.71 0.00	39.13 -0.74 0.00	41.72 -0.76 0.00	46.48 -0.81 0.00	47.08 -0.90 1.93	45.77 -1.79 19.54	41.39 -1.56 12.95	45.30 -1.90 10.74	27.49 -1.23 5.78	42.60 -1.72 2.45	145.28 -9.78 75.36	26.37 -2.09 19.44	23.56 -1.87 17.18	32.68 -1.58 2.74	25.26 -2.08 19.03	27.75 -2.38 33.95	45.93 -1.71 1.01	47.00 -1.48 -0.81	40.39 -1.01 -0.19	60.31 -0.01 -6.26	40.59 -1.12 1.13	39.22 0.00
NEG CENTRAL___STATE_STREET 24147	56.48 -0.04 1.30	32.20 0.01 7.45	36.10 0.02 0.00	39.91 0.03 0.00	42.52 0.05 0.00	47.32 0.04 0.00	49.14 0.01 0.79	58.52 -0.60 7.98	50.24 -0.37 5.28	54.39 -0.52 3.03	31.75 -0.41 2.36	44.94 -0.76 1.07	216.31 -3.49 10.62	36.39 -0.72 10.80	32.11 -0.95 9.54	35.15 -0.73 1.12	37.88 -0.92 7.57	49.39 -1.02 13.67	47.38 -0.73 0.53	47.13 -0.53 0.00	40.56 -0.10 0.55	53.87 0.25 0.44	41.78 -0.16 0.89	39.88 -0.06 0.00
NEG MILLWOOD___DRP 24198	61.06 3.25 0.00	41.63 2.00 0.00	37.83 1.74 0.00	41.65 1.77 0.00	44.33 1.86 0.00	49.60 2.31 0.00	52.58 2.66 0.00	70.36 3.25 0.00	58.71 2.82 0.00	61.17 3.24 0.00	36.27 1.76 0.00	49.71 2.82 -0.12	244.68 14.16 -0.09	55.64 2.95 -4.79	49.88 3.04 -4.23	39.42 2.42 0.00	49.45 3.08 0.00	69.59 4.34 -1.16	51.96 3.04 -0.27	50.37 2.71 0.00	43.57 2.26 -0.10	57.52 3.23 -0.22	45.94 2.65 -0.45	42.34 2.40 0.00
NEG NORTH_FLCN_SEA 23793	57.98 0.17 0.00	39.83 0.20 0.00	36.32 0.24 0.00	40.22 0.34 0.00	42.90 0.42 0.00	47.76 0.47 0.00	50.40 0.48 0.00	67.85 0.75 0.00	56.40 0.51 0.00	58.22 0.29 0.00	34.77 0.26 0.00	47.09 0.31 0.00	231.68 1.25 0.00	48.18 0.27 0.00	42.51 -0.10 0.00	37.12 0.12 0.00	46.52 0.15 0.00	64.37 0.29 0.00	49.09 0.44 0.00	48.18 0.52 0.00	41.80 0.59 0.00	54.36 0.30 0.00	42.81 -0.02 0.00	39.58 -0.36 0.00
NEG NORTH_KES_CHATEGAY 23792	57.19 -0.63 0.00	39.32 -0.31 0.00	35.85 -0.23 0.00	39.71 -0.17 0.00	42.35 -0.12 0.00	47.14 -0.15 0.00	49.75 -0.17 0.00	67.02 -0.08 0.00	55.68 -0.21 0.00	57.49 -0.44 0.00	34.31 -0.20 0.00	46.47 -0.31 0.00	228.79 -1.64 0.00	47.57 -0.34 0.00	42.02 -0.59 0.00	36.67 -0.33 0.00	45.96 -0.41 0.00	63.58 -0.50 0.00	48.49 -0.15 0.00	47.61 -0.05 0.00	41.29 0.09 0.00	53.60 -0.46 0.00	42.36 -0.47 0.00	39.27 -0.68 0.00
NEG NORTH___ALICE_FALLS 23915	57.99 0.18 0.00	39.86 0.23 0.00	36.35 0.27 0.00	40.24 0.37 0.00	42.92 0.44 0.00	47.77 0.48 0.00	50.41 0.49 0.00	67.79 0.69 0.00	56.27 0.38 0.00	58.06 0.12 0.00	34.67 0.16 0.00	46.95 0.17 0.00	231.01 0.58 0.00	48.05 0.14 0.00	42.39 -0.22 0.00	37.01 0.01 0.00	46.38 0.01 0.00	64.20 0.12 0.00	49.01 0.36 0.00	48.16 0.51 0.00	41.83 0.63 0.00	54.45 0.39 0.00	42.85 0.01 0.00	39.63 -0.31 0.00
NEG NORTH___LWR_SARANAC 23913	57.99 0.18 0.00	39.86 0.23 0.00	36.35 0.27 0.00	40.24 0.37 0.00	42.92 0.44 0.00	47.77 0.48 0.00	50.41 0.49 0.00	67.79 0.69 0.00	56.27 0.38 0.00	58.06 0.12 0.00	34.67 0.16 0.00	46.95 0.17 0.00	231.01 0.58 0.00	48.05 0.14 0.00	42.39 -0.22 0.00	37.01 0.01 0.00	46.38 0.01 0.00	64.20 0.12 0.00	49.01 0.36 0.00	48.16 0.51 0.00	41.83 0.63 0.00	54.45 0.39 0.00	42.85 0.01 0.00	39.63 -0.31 0.00
NEG NORTH___PLATTSBURG 23628	57.99 0.18 0.00	39.87 0.23 0.00	36.35 0.27 0.00	40.24 0.37 0.00	42.92 0.44 0.00	47.76 0.47 0.00	50.41 0.49 0.00	67.79 0.69 0.00	56.28 0.39 0.00	58.06 0.12 0.00	34.67 0.16 0.00	46.95 0.18 0.00	231.02 0.59 0.00	48.05 0.14 0.00	42.40 -0.21 0.00	37.02 0.02 0.00	46.40 0.02 0.00	64.20 0.12 0.00	49.01 0.36 0.00	48.16 0.51 0.00	41.83 0.63 0.00	54.45 0.39 0.00	42.85 0.02 0.00	39.63 -0.31 0.00
NEG WEST_LEA_LOCKPORT 23791	49.48 -4.60 3.74	15.31 -2.94 21.38	33.30 -2.78 0.00	36.92 -2.95 0.00	39.37 -3.10 0.00	44.01 -3.28 0.00	43.82 -3.95 2.15	40.15 -5.22 21.73	37.19 -4.50 14.20	41.65 -5.34 10.95	25.38 -2.94 6.20	39.86 -4.44 2.47	138.25 -23.96 68.22	24.57 -4.40 18.94	22.08 -3.79 16.73	30.70 -3.25 3.05	21.20 -3.85 21.33	22.36 -4.80 36.93	43.44 -4.22 0.98	42.02 -4.42 1.22	29.40 -3.25 8.56	40.14 -2.46 11.47	36.97 -3.37 2.50	37.64 -2.30 0.00
NEG WEST___LANCASTER 23811	48.82 -4.20 4.79	9.45 -2.76 27.43	33.54 -2.54 0.00	37.19 -2.68 0.00	39.64 -2.84 0.00	44.22 -3.07 0.00	43.70 -3.46 2.76	34.53 -4.73 27.84	33.78 -4.16 17.95	39.35 -4.75 13.84	24.03 -2.69 7.80	39.88 -3.82 3.08	123.48 -21.09 85.86	21.14 -4.01 22.76	19.15 -3.35 20.11	30.29 -2.84 3.87	15.71 -3.43 27.24	12.54 -4.50 47.04	43.59 -3.85 1.21	42.41 -4.01 1.24	28.68 -2.98 9.55	40.35 -1.86 11.85	36.75 -3.20 2.89	37.71 -2.23 0.00

NEG_PENN_ALLEGHNY 23528	62.87 0.38 -4.67	66.48 0.14 -26.71	36.20 0.12 0.00	39.97 0.10 0.00	42.56 0.08 0.00	47.44 0.15 0.00	52.78 0.23 -2.63	93.65 -0.06 -26.61	73.34 -0.05 -17.49	69.21 -0.02 -11.30	42.22 -0.04 -7.75	50.27 0.05 -3.44	283.47 -0.23 -53.27	81.73 -0.10 -33.93	72.57 -0.02 -29.98	40.67 -0.06 -3.72	72.97 -0.06 -26.65	115.04 0.08 -50.88	50.70 0.13 -1.92	47.77 0.11 0.00	44.74 0.14 -3.39	56.42 0.76 -1.59	46.17 0.11 -3.22	40.20 0.26 0.00
NEG___GEN_MONROE 24207	53.11 -2.13 2.57	23.49 -1.42 14.73	34.77 -1.32 0.00	38.51 -1.37 0.00	41.04 -1.43 0.00	45.83 -1.46 0.00	46.53 -1.88 1.51	48.98 -2.84 15.28	43.36 -2.56 9.98	47.07 -3.18 7.69	28.33 -1.81 4.38	42.27 -2.72 1.79	167.48 -14.88 48.08	30.43 -2.87 14.60	27.16 -2.54 12.91	32.73 -2.14 2.14	29.05 -2.52 14.81	35.54 -2.84 25.71	45.71 -2.20 0.74	45.53 -2.13 0.00	37.46 -1.46 2.27	52.56 -0.89 0.61	40.04 -1.56 1.24	39.03 -0.91 0.00
NEPA___ENERGY 23901	49.90 -3.05 4.87	9.43 -2.35 27.85	34.06 -2.02 0.00	37.80 -2.08 0.00	40.31 -2.17 0.00	44.91 -2.38 0.00	44.51 -2.60 2.80	34.61 -4.24 28.25	34.03 -3.64 18.22	39.85 -4.06 14.02	24.27 -2.33 7.91	40.75 -2.91 3.12	126.98 -16.69 86.76	21.44 -3.47 22.99	19.45 -2.84 20.32	30.84 -2.23 3.93	15.71 -3.01 27.66	12.49 -3.84 47.75	44.36 -3.07 1.22	42.75 -3.53 1.38	28.40 -2.62 10.18	40.40 -0.63 13.03	37.08 -2.75 3.00	38.19 -1.75 0.00
NEVERSINK___HYD 23608	61.20 2.74 -0.64	44.95 1.64 -3.68	37.46 1.38 0.00	41.25 1.37 0.00	43.94 1.46 0.00	49.17 1.88 0.00	52.45 2.18 -0.36	73.31 2.62 -3.59	60.27 2.30 -2.08	61.80 2.65 -1.22	36.67 1.42 -0.73	49.07 2.15 -0.15	236.09 5.23 -0.43	55.09 1.12 -6.07	49.34 1.37 -5.36	38.43 0.93 -0.50	51.25 1.25 -3.62	72.47 2.03 -6.36	51.47 2.48 -0.34	49.97 2.31 0.00	43.66 1.96 -0.49	57.13 2.78 -0.28	45.64 2.23 -0.58	41.92 1.98 0.00
NEWKRMKL_115KV_TB1 55635	58.97 1.15 0.00	40.50 0.86 0.00	36.88 0.80 0.00	40.67 0.80 0.00	43.29 0.81 0.00	48.19 0.90 0.00	50.94 1.02 0.00	68.38 1.28 0.00	57.00 1.11 0.00	59.19 1.25 0.00	35.29 0.78 0.00	47.71 0.93 0.00	234.97 4.54 0.00	49.05 1.14 0.00	43.73 1.12 0.00	37.96 0.95 0.00	47.55 1.18 0.00	66.28 1.33 -0.87	49.76 0.92 -0.20	48.49 0.83 0.00	41.91 0.63 -0.07	55.58 1.35 -0.17	44.21 1.03 -0.34	40.71 0.76 0.00
NEWTON___FALLS_HYD 23847	54.94 -2.88 0.00	37.60 -2.03 0.00	34.36 -1.73 0.00	38.16 -1.72 0.00	40.80 -1.67 0.00	45.39 -1.90 0.00	47.80 -2.12 0.00	63.42 -3.68 0.00	52.51 -3.38 0.00	54.68 -3.26 0.00	32.68 -1.83 0.00	44.36 -2.42 0.00	218.89 -11.54 0.00	45.19 -2.72 0.00	40.06 -2.55 0.00	35.18 -1.82 0.00	44.05 -2.32 0.00	60.81 -3.27 0.00	46.61 -2.03 0.00	46.09 -1.57 0.00	39.84 -1.36 0.00	51.27 -2.79 0.00	40.68 -2.16 0.00	37.89 -2.06 0.00
NGRID_A1_DSASP 323792	48.65 -5.33 3.84	14.27 -3.41 21.96	32.90 -3.18 0.00	36.48 -3.39 0.00	38.93 -3.54 0.00	43.49 -3.80 0.00	43.16 -4.53 2.24	38.64 -5.90 22.56	36.23 -5.10 14.55	40.85 -5.87 11.21	24.93 -3.23 6.35	39.40 -4.85 2.53	134.96 -25.75 69.72	23.93 -4.72 19.26	21.52 -4.07 17.02	30.41 -3.47 3.13	20.31 -4.17 21.89	20.84 -5.37 37.87	42.90 -4.74 1.00	41.26 -5.18 1.22	28.65 -3.91 8.64	39.47 -3.10 11.49	36.52 -3.79 2.53	37.27 -2.67 0.00
NGRID_A2_DSASP 323793	48.65 -5.33 3.84	14.27 -3.41 21.96	32.90 -3.18 0.00	36.48 -3.39 0.00	38.93 -3.54 0.00	43.49 -3.80 0.00	43.16 -4.53 2.24	38.64 -5.90 22.56	36.23 -5.10 14.55	40.85 -5.87 11.21	24.93 -3.23 6.35	39.40 -4.85 2.53	134.96 -25.75 69.72	23.93 -4.72 19.26	21.52 -4.07 17.02	30.41 -3.47 3.13	20.31 -4.17 21.89	20.84 -5.37 37.87	42.90 -4.74 1.00	41.26 -5.18 1.22	28.65 -3.91 8.64	39.47 -3.10 11.49	36.52 -3.79 2.53	37.27 -2.67 0.00
NGRID_A4_DSASP 323807	48.65 -5.33 3.84	14.27 -3.41 21.96	32.90 -3.18 0.00	36.48 -3.39 0.00	38.93 -3.54 0.00	43.49 -3.80 0.00	43.16 -4.53 2.24	38.64 -5.90 22.56	36.23 -5.10 14.55	40.85 -5.87 11.21	24.93 -3.23 6.35	39.40 -4.85 2.53	134.96 -25.75 69.72	23.93 -4.72 19.26	21.52 -4.07 17.02	30.41 -3.47 3.13	20.31 -4.17 21.89	20.84 -5.37 37.87	42.90 -4.74 1.00	41.26 -5.18 1.22	28.65 -3.91 8.64	39.47 -3.10 11.49	36.52 -3.79 2.53	37.27 -2.67 0.00
NIAGARA_115E_LBMP 323715	48.42 -5.54 3.85	14.07 -3.54 22.02	32.74 -3.35 0.00	36.30 -3.57 0.00	38.73 -3.75 0.00	43.30 -3.99 0.00	43.01 -4.68 2.22	38.46 -6.21 22.43	36.02 -5.28 14.60	40.56 -6.13 11.25	24.85 -3.30 6.36	39.27 -4.97 2.54	133.73 -26.69 70.02	23.69 -4.89 19.32	21.31 -4.22 17.08	30.20 -3.66 3.14	20.00 -4.42 21.95	20.44 -5.65 37.99	42.67 -4.96 1.01	41.34 -5.10 1.22	28.89 -3.68 8.64	39.58 -3.03 11.46	36.34 -3.96 2.53	37.12 -2.82 0.00
NIAGARA_115W_LBMP 323714	48.53 -5.46 3.83	14.20 -3.54 21.90	32.83 -3.25 0.00	36.41 -3.47 0.00	38.85 -3.63 0.00	43.41 -3.88 0.00	43.09 -4.60 2.23	38.37 -6.24 22.49	36.05 -5.33 14.52	40.72 -6.03 11.18	24.89 -3.29 6.33	39.36 -4.89 2.52	134.94 -25.97 69.52	23.81 -4.88 19.22	21.46 -4.17 16.98	30.29 -3.59 3.12	20.11 -4.43 21.83	20.63 -5.69 37.77	42.78 -4.87 1.00	41.18 -5.27 1.21	28.63 -3.97 8.60	39.47 -3.16 11.43	36.45 -3.87 2.52	37.21 -2.73 0.00
NIAGARA_230_LBMP 323716	49.08 -5.00 3.73	14.98 -3.28 21.37	33.13 -2.95 0.00	36.75 -3.12 0.00	39.20 -3.28 0.00	43.78 -3.51 0.00	43.57 -4.19 2.17	39.28 -5.96 21.87	36.71 -5.00 14.18	41.36 -5.66 10.92	25.22 -3.11 6.18	39.72 -4.58 2.47	138.42 -24.19 67.82	24.37 -4.68 18.85	21.99 -3.96 16.66	30.61 -3.35 3.05	20.79 -4.26 21.32	21.76 -5.45 36.86	43.21 -4.46 0.98	41.86 -4.64 1.15	29.40 -3.55 8.26	40.26 -2.92 10.88	36.82 -3.57 2.44	37.47 -2.47 0.00
NIAGARA___115KV_198_GIBSON 55903	48.58 -5.41 3.83	14.27 -3.46 21.90	32.83 -3.25 0.00	36.41 -3.47 0.00	38.85 -3.63 0.00	43.41 -3.88 0.00	43.08 -4.61 2.23	38.62 -6.00 22.49	36.18 -5.20 14.52	40.79 -5.96 11.18	24.91 -3.28 6.33	39.33 -4.92 2.52	134.75 -26.16 69.52	23.91 -4.78 19.22	21.49 -4.13 16.98	30.36 -3.52 3.12	20.30 -4.24 21.83	20.85 -5.47 37.77	42.81 -4.83 1.00	41.16 -5.28 1.21	28.60 -4.00 8.60	39.46 -3.17 11.43	36.45 -3.86 2.52	37.19 -2.75 0.00
NIAGARA____ 23760	49.05 -5.00 3.76	14.79 -3.28 21.56	33.13 -2.95 0.00	36.75 -3.12 0.00	39.20 -3.28 0.00	43.78 -3.51 0.00	43.56 -4.19 2.18	39.15 -5.96 21.99	36.62 -5.00 14.27	41.30 -5.66 10.98	25.18 -3.11 6.22	39.71 -4.58 2.48	137.92 -24.19 68.32	24.24 -4.68 18.98	21.88 -3.96 16.77	30.59 -3.35 3.07	20.63 -4.26 21.47	21.49 -5.45 37.13	43.20 -4.46 0.99	41.84 -4.64 1.17	29.30 -3.55 8.36	40.12 -2.92 11.02	36.80 -3.57 2.47	37.47 -2.47 0.00
NINE_MILE_1 23575	56.33 -1.49 0.00	38.60 -1.04 0.00	35.13 -0.95 0.00	38.82 -1.05 0.00	41.33 -1.15 0.00	45.98 -1.31 0.00	48.47 -1.45 0.00	64.79 -2.31 0.00	53.96 -1.93 0.00	55.90 -2.04 0.00	33.30 -1.22 0.00	44.98 -1.67 0.12	221.95 -8.38 0.10	41.22 -1.81 4.88	36.59 -1.71 4.31	35.47 -1.53 0.00	44.51 -1.86 0.00	60.90 -2.32 0.86	46.90 -1.74 0.00	45.99 -1.67 0.00	39.80 -1.40 0.00	52.50 -1.56 0.00	41.43 -1.41 0.00	38.86 -1.09 0.00

NINE_MILE_2 23744	56.33 -1.49 0.00	38.60 -1.04 0.00	35.13 -0.95 0.00	38.82 -1.05 0.00	41.33 -1.14 0.00	45.99 -1.30 0.00	48.47 -1.44 0.00	64.79 -2.31 0.00	53.97 -1.92 0.00	55.91 -2.02 0.00	33.30 -1.21 0.00	44.99 -1.67 0.12	221.96 -8.37 0.09	41.25 -1.80 4.86	36.62 -1.70 4.30	35.47 -1.53 0.00	44.51 -1.86 0.00	61.76 -2.32 0.00	46.91 -1.74 0.00	45.99 -1.67 0.00	39.80 -1.40 0.00	52.50 -1.56 0.00	41.43 -1.40 0.00	38.86 -1.08 0.00
NM_CAPITAL___DRP 24208	59.18 1.36 0.00	40.60 0.96 0.00	36.98 0.90 0.00	40.79 0.92 0.00	43.41 0.94 0.00	48.33 1.04 0.00	51.09 1.17 0.00	68.53 1.43 0.00	57.15 1.26 0.00	59.34 1.41 0.00	35.37 0.86 0.00	47.82 1.04 0.00	235.59 5.16 0.00	49.13 1.22 0.00	43.80 1.19 0.00	38.02 1.02 0.00	47.66 1.28 0.00	66.45 1.50 -0.87	49.87 1.02 -0.20	48.60 0.94 0.00	41.98 0.70 -0.07	55.71 1.48 -0.17	44.31 1.14 -0.34	40.78 0.84 0.00
NM_CENTRAL___DRP 24181	57.26 -0.55 0.00	39.21 -0.43 0.00	35.67 -0.41 0.00	39.41 -0.47 0.00	41.97 -0.51 0.00	46.71 -0.57 0.00	48.94 -0.68 0.31	62.60 -1.40 3.10	52.95 -1.14 1.80	55.67 -1.21 1.05	33.14 -0.74 0.64	45.62 -1.00 0.15	224.89 -5.14 0.40	40.47 -1.14 6.30	35.93 -1.10 5.57	35.54 -1.03 0.43	43.51 -1.20 1.66	61.62 -1.28 1.19	47.41 -0.95 0.28	46.80 -0.86 0.00	40.43 -0.67 0.10	53.29 -0.54 0.23	41.67 -0.69 0.47	39.50 -0.44 0.00
NM_FRONTIER___DRP 24179	48.58 -5.41 3.83	14.27 -3.46 21.90	32.83 -3.25 0.00	36.41 -3.47 0.00	38.85 -3.63 0.00	43.41 -3.88 0.00	43.08 -4.61 2.23	38.62 -6.00 22.49	36.18 -5.20 14.52	40.79 -5.96 11.18	24.91 -3.28 6.33	39.33 -4.92 2.52	134.75 -26.16 69.52	23.91 -4.78 19.22	21.49 -4.13 16.98	30.36 -3.52 3.12	20.30 -4.24 21.83	20.85 -5.47 37.77	42.81 -4.83 1.00	41.16 -5.28 1.21	28.60 -4.00 8.60	39.46 -3.17 11.43	36.45 -3.86 2.52	37.19 -2.75 0.00
NM_ST_REGIS___HYD 24053	55.05 -2.76 0.00	37.93 -1.70 0.00	34.77 -1.32 0.00	38.56 -1.32 0.00	41.17 -1.30 0.00	45.81 -1.47 0.00	48.32 -1.60 0.00	64.64 -2.46 0.00	53.58 -2.31 0.00	55.42 -2.52 0.00	33.13 -1.38 0.00	44.90 -1.87 0.00	221.24 -9.19 0.00	45.95 -1.95 0.00	40.72 -1.89 0.00	35.64 -1.37 0.00	44.60 -1.77 0.00	61.63 -2.45 0.00	47.24 -1.40 0.00	46.55 -1.11 0.00	40.34 -0.87 0.00	52.04 -2.03 0.00	41.29 -1.54 0.00	38.29 -1.65 0.00
NORTHPORT___1 23551	63.47 3.11 -2.55	48.25 2.20 -6.42	38.10 2.01 -0.01	41.88 2.00 0.00	44.50 2.03 0.00	49.85 2.56 0.00	52.90 2.97 -0.01	70.56 3.46 0.00	63.75 2.95 -4.90	65.57 3.19 -4.44	41.44 1.75 -5.18	49.58 2.69 -0.12	241.79 9.94 -1.41	56.93 2.47 -6.55	60.69 3.01 -15.07	55.08 2.32 -15.76	51.61 2.91 -2.33	70.05 3.89 -2.08	57.89 2.43 -6.82	49.36 1.71 0.00	42.90 1.59 -0.10	55.99 1.71 -0.23	63.08 2.11 -18.13	48.28 2.37 -5.97
NORTHPORT___2 23552	63.47 3.11 -2.55	48.25 2.20 -6.42	38.10 2.01 -0.01	41.88 2.00 0.00	44.50 2.03 0.00	49.85 2.56 0.00	52.90 2.97 -0.01	70.56 3.46 0.00	63.75 2.95 -4.90	65.57 3.19 -4.44	41.44 1.75 -5.18	49.58 2.69 -0.12	241.79 9.94 -1.41	56.93 2.47 -6.55	60.69 3.01 -15.07	55.08 2.32 -15.76	51.61 2.91 -2.33	70.05 3.89 -2.08	57.89 2.43 -6.82	49.36 1.71 0.00	42.90 1.59 -0.10	55.99 1.71 -0.23	63.08 2.11 -18.13	48.28 2.37 -5.97
NORTHPORT___3 23553	63.43 3.06 -2.55	48.23 2.16 -6.43	38.06 1.98 -0.01	41.84 1.96 0.00	44.46 1.99 0.00	49.81 2.52 0.00	52.86 2.93 -0.01	70.49 3.40 0.00	63.72 2.92 -4.91	65.56 3.17 -4.46	41.44 1.74 -5.19	49.56 2.67 -0.12	241.97 10.12 -1.42	56.96 2.50 -6.55	60.70 3.00 -15.09	55.10 2.30 -15.80	51.60 2.89 -2.34	69.99 3.83 -2.08	57.87 2.39 -6.83	49.33 1.67 0.00	42.86 1.55 -0.10	55.98 1.69 -0.23	63.11 2.11 -18.17	48.26 2.34 -5.98
NORTHPORT___4 23650	63.43 3.06 -2.55	48.23 2.16 -6.43	38.06 1.98 -0.01	41.84 1.96 0.00	44.46 1.99 0.00	49.81 2.52 0.00	52.86 2.93 -0.01	70.49 3.40 0.00	63.72 2.92 -4.91	65.56 3.17 -4.46	41.44 1.74 -5.19	49.56 2.67 -0.12	241.97 10.12 -1.42	56.96 2.50 -6.55	60.70 3.00 -15.09	55.10 2.30 -15.80	51.60 2.89 -2.34	69.99 3.83 -2.08	57.87 2.39 -6.83	49.33 1.67 0.00	42.86 1.55 -0.10	55.98 1.69 -0.23	63.11 2.11 -18.17	48.26 2.34 -5.98
NORTHPORT___IC 23718	63.45 3.09 -2.55	48.25 2.20 -6.42	38.10 2.02 -0.01	41.88 2.00 0.00	44.50 2.02 0.00	49.84 2.56 0.00	52.89 2.96 -0.01	70.44 3.34 0.00	63.70 2.91 -4.90	65.56 3.18 -4.44	41.44 1.75 -5.18	49.58 2.69 -0.12	241.95 10.10 -1.41	56.89 2.43 -6.55	60.67 2.99 -15.07	55.07 2.31 -15.76	51.56 2.85 -2.33	69.79 3.64 -2.08	57.88 2.42 -6.82	49.37 1.71 0.00	42.90 1.59 -0.10	56.00 1.71 -0.23	63.08 2.12 -18.13	48.28 2.37 -5.97
NORTH___COUNTRY_ESR 323785	57.07 -0.74 0.00	39.24 -0.39 0.00	35.78 -0.30 0.00	39.64 -0.24 0.00	42.27 -0.20 0.00	47.04 -0.25 0.00	49.65 -0.27 0.00	66.95 -0.15 0.00	55.69 -0.20 0.00	57.49 -0.44 0.00	34.31 -0.20 0.00	46.47 -0.31 0.00	228.78 -1.65 0.00	47.57 -0.34 0.00	42.03 -0.59 0.00	36.67 -0.33 0.00	45.97 -0.40 0.00	63.58 -0.50 0.00	48.45 -0.19 0.00	47.53 -0.13 0.00	41.21 0.01 0.00	53.45 -0.61 0.00	42.27 -0.56 0.00	39.20 -0.74 0.00
NPX_GEN_1385_PROXY 323591	63.47 3.11 -2.55	48.25 2.20 -6.42	38.10 2.01 -0.01	41.88 2.00 0.00	44.50 2.03 0.00	49.85 2.56 0.00	52.90 2.97 -0.01	70.75 3.46 -0.18	63.75 2.95 -4.90	65.57 3.19 -4.44	34.64 1.75 1.62	49.58 2.69 -0.12	241.79 9.94 -1.41	56.93 2.47 -6.55	59.64 3.01 -14.02	55.08 2.32 -15.76	51.61 2.91 -2.33	64.21 3.89 3.77	55.51 2.43 -4.44	45.82 1.71 3.55	39.57 1.59 3.23	43.95 1.71 11.81	63.08 2.11 -18.13	48.28 2.37 -5.97
NPX_GEN_CSC 323557	64.06 3.68 -2.57	48.74 2.62 -6.49	38.54 2.46 -0.01	42.34 2.46 0.00	44.90 2.43 0.00	50.29 3.00 0.00	53.44 3.51 -0.01	71.36 4.08 -0.18	64.31 3.46 -4.95	66.19 3.76 -4.49	34.89 1.94 1.56	49.81 2.92 -0.12	240.14 8.28 -1.43	56.58 2.11 -6.57	59.85 3.11 -14.13	55.43 2.49 -15.93	52.06 3.33 -2.36	64.86 4.54 3.76	56.13 2.97 -4.51	46.33 2.22 3.55	40.11 2.13 3.23	44.48 2.23 11.81	63.49 2.34 -18.32	48.67 2.69 -6.03
NSINS_S_GLNS_FALLS 23858	60.95 3.14 0.00	41.56 1.92 0.00	37.95 1.87 0.00	42.06 2.18 0.00	44.81 2.33 0.00	49.93 2.64 0.00	52.66 2.75 0.00	70.23 3.13 0.00	58.74 2.85 0.00	61.02 3.09 0.00	36.36 1.85 0.00	49.09 2.32 0.00	242.87 12.44 0.00	50.50 2.60 0.00	45.06 2.45 0.00	39.21 2.21 0.00	49.20 2.82 0.00	67.57 3.49 0.00	51.11 2.47 0.00	50.32 2.66 0.00	43.16 1.96 0.00	57.18 3.12 0.00	45.07 2.24 0.00	41.78 1.84 0.00
NUCOR_STEEL___DRP 24197	56.70 -0.04 1.08	33.50 0.04 6.17	36.12 0.04 0.00	39.92 0.05 0.00	42.54 0.06 0.00	47.34 0.06 0.00	49.27 0.02 0.66	59.78 -0.60 6.72	51.10 -0.35 4.44	55.08 -0.47 2.38	32.15 -0.38 1.98	45.11 -0.75 0.91	220.78 -3.26 6.40	37.49 -0.67 9.75	33.08 -0.92 8.61	35.37 -0.69 0.94	39.18 -0.87 6.32	51.70 -0.97 11.41	47.46 -0.71 0.47	47.13 -0.53 0.00	40.77 -0.08 0.36	53.87 0.20 0.39	41.89 -0.15 0.79	39.89 -0.05 0.00

NUMBER_THREE_WT_PWR 323818	55.91 -1.90 0.00	38.04 -1.60 0.00	34.62 -1.46 0.00	38.54 -1.33 0.00	41.29 -1.18 0.00	45.89 -1.40 0.00	48.23 -1.69 0.00	63.47 -3.63 0.00	52.52 -3.37 0.00	55.16 -2.78 0.00	32.93 -1.58 0.00	44.84 -1.94 0.00	221.67 -8.76 0.00	45.47 -2.43 0.00	40.37 -2.24 0.00	35.59 -1.41 0.00	44.59 -1.79 0.00	61.40 -2.68 0.00	47.06 -1.59 0.00	46.62 -1.04 0.00	40.14 -1.06 0.00	51.55 -2.51 0.00	40.77 -2.06 0.00	38.12 -1.83 0.00
NYISO_LBMP_REFERENCE 24008	57.81 0.00 0.00	39.63 0.00 0.00	36.08 0.00 0.00	39.87 0.00 0.00	42.47 0.00 0.00	47.29 0.00 0.00	49.92 0.00 0.00	67.10 0.00 0.00	55.89 0.00 0.00	57.93 0.00 0.00	34.51 0.00 0.00	46.77 0.00 0.00	230.43 0.00 0.00	47.91 0.00 0.00	42.61 0.00 0.00	37.00 0.00 0.00	46.37 0.00 0.00	64.08 0.00 0.00	48.65 0.00 0.00	47.66 0.00 0.00	41.20 0.00 0.00	54.06 0.00 0.00	42.83 0.00 0.00	39.94 0.00 0.00
NYPA_BRENTWD____GT 24164	64.18 3.76 -2.61	48.80 2.58 -6.58	38.44 2.35 -0.01	42.23 2.36 0.00	44.88 2.41 0.00	50.27 2.99 0.00	53.36 3.43 -0.01	71.22 4.12 0.00	64.43 3.51 -5.03	66.33 3.83 -4.56	41.90 2.08 -5.31	49.95 3.05 -0.12	243.25 11.37 -1.45	57.32 2.82 -6.59	61.42 3.46 -15.35	55.90 2.73 -16.17	52.19 3.43 -2.39	70.73 4.55 -2.10	58.72 3.08 -6.99	50.03 2.37 0.00	43.48 2.17 -0.10	56.75 2.46 -0.23	64.03 2.61 -18.58	48.88 2.82 -6.12
NYPA_GOWANUS____GT5 24156	61.18 3.36 0.00	41.70 2.06 0.00	37.87 1.79 0.00	41.67 1.80 0.00	44.36 1.89 0.00	49.74 2.45 0.00	52.70 2.78 0.00	70.46 3.36 0.00	58.67 2.78 0.00	61.12 3.18 0.00	36.07 1.56 0.00	49.74 2.84 -0.12	245.22 14.70 -0.09	55.81 3.05 -4.85	50.08 3.18 -4.29	39.37 2.37 0.00	49.41 3.04 0.00	69.60 4.34 -1.18	51.89 2.98 -0.27	50.14 2.48 0.00	43.43 2.12 -0.10	57.27 2.98 -0.23	45.93 2.63 -0.46	42.35 2.41 0.00
NYPA_GOWANUS____GT6 24157	61.18 3.36 0.00	41.70 2.06 0.00	37.87 1.79 0.00	41.67 1.80 0.00	44.36 1.89 0.00	49.74 2.45 0.00	52.70 2.78 0.00	70.46 3.36 0.00	58.67 2.78 0.00	61.12 3.18 0.00	36.07 1.56 0.00	49.74 2.84 -0.12	245.22 14.70 -0.09	55.81 3.05 -4.85	50.08 3.18 -4.29	39.37 2.37 0.00	49.41 3.04 0.00	69.60 4.34 -1.18	51.89 2.98 -0.27	50.14 2.48 0.00	43.43 2.12 -0.10	57.27 2.98 -0.23	45.93 2.63 -0.46	42.35 2.41 0.00
NYPA_HARLEM__RVR__GT1 24160	60.61 2.80 0.01	41.35 1.72 0.01	37.60 1.52 0.00	41.41 1.55 0.02	44.08 1.62 0.02	49.42 2.15 0.02	52.37 2.47 0.02	70.02 2.94 0.02	58.32 2.43 0.01	60.84 2.90 0.00	35.86 1.35 0.00	49.41 2.51 -0.12	243.53 13.01 -0.09	55.58 2.82 -4.85	49.79 2.89 -4.29	39.13 2.13 0.00	49.04 2.67 0.00	69.35 4.09 -1.18	51.53 2.61 -0.27	49.73 2.07 0.00	43.09 1.78 -0.10	56.83 2.54 -0.23	45.52 2.23 -0.46	42.03 2.09 0.00
NYPA_HARLEM__RVR__GT2 24161	60.61 2.80 0.01	41.35 1.72 0.01	37.60 1.52 0.00	41.41 1.55 0.02	44.08 1.62 0.02	49.42 2.15 0.02	52.37 2.47 0.02	70.02 2.94 0.02	58.32 2.43 0.01	60.84 2.90 0.00	35.86 1.35 0.00	49.41 2.51 -0.12	243.53 13.01 -0.09	55.58 2.82 -4.85	49.79 2.89 -4.29	39.13 2.13 0.00	49.04 2.67 0.00	69.35 4.09 -1.18	51.53 2.61 -0.27	49.73 2.07 0.00	43.09 1.78 -0.10	56.83 2.54 -0.23	45.52 2.23 -0.46	42.03 2.09 0.00
NYPA_KENT____GT 24152	61.02 3.20 0.00	41.60 1.96 0.00	37.80 1.72 0.00	41.60 1.72 0.00	44.28 1.80 0.00	49.64 2.35 0.00	52.59 2.67 0.00	70.31 3.21 0.00	58.58 2.69 0.00	61.04 3.11 0.00	36.02 1.51 0.00	49.69 2.80 -0.12	244.83 14.30 -0.09	55.77 3.01 -4.85	50.02 3.12 -4.29	39.31 2.31 0.00	49.33 2.96 0.00	69.52 4.26 -1.18	51.82 2.90 -0.27	50.06 2.40 0.00	43.34 2.03 -0.10	57.12 2.83 -0.23	45.85 2.56 -0.46	42.27 2.33 0.00
NYPA_POUCH1____GT 24155	61.25 3.43 0.00	41.76 2.13 0.00	37.90 1.82 0.00	41.72 1.84 0.00	44.41 1.93 0.00	49.79 2.50 0.00	52.76 2.84 0.00	70.54 3.44 0.00	58.64 2.75 0.00	60.99 3.05 0.00	36.00 1.49 0.00	49.61 2.72 -0.12	244.55 14.03 -0.09	55.70 2.93 -4.85	49.98 3.08 -4.29	39.29 2.28 0.00	49.31 2.94 0.00	69.46 4.20 -1.18	51.80 2.88 -0.27	50.04 2.39 0.00	43.36 2.06 -0.10	57.18 2.89 -0.23	45.86 2.57 -0.46	42.27 2.33 0.00
NYPA_VERNON____GT2 24162	60.87 3.05 0.00	41.49 1.86 0.00	37.73 1.65 0.00	41.52 1.65 0.00	44.20 1.72 0.00	49.53 2.24 0.00	52.48 2.57 0.00	70.17 3.06 0.00	58.49 2.60 0.00	60.97 3.04 0.00	35.97 1.46 0.00	49.64 2.75 -0.12	244.43 13.90 -0.09	55.72 2.96 -4.85	49.96 3.06 -4.29	39.26 2.26 0.00	49.26 2.88 0.00	69.42 4.16 -1.18	51.73 2.81 -0.27	50.00 2.34 0.00	43.29 1.98 -0.10	57.06 2.77 -0.23	45.77 2.47 -0.46	42.21 2.27 0.00
NYPA_VERNON____GT3 24163	60.87 3.05 0.00	41.49 1.86 0.00	37.73 1.65 0.00	41.52 1.65 0.00	44.20 1.72 0.00	49.53 2.24 0.00	52.48 2.57 0.00	70.17 3.06 0.00	58.49 2.60 0.00	60.97 3.04 0.00	35.97 1.46 0.00	49.64 2.75 -0.12	244.43 13.90 -0.09	55.72 2.96 -4.85	49.96 3.06 -4.29	39.26 2.26 0.00	49.26 2.88 0.00	69.42 4.16 -1.18	51.73 2.81 -0.27	50.00 2.34 0.00	43.29 1.98 -0.10	57.06 2.77 -0.23	45.77 2.47 -0.46	42.21 2.27 0.00
NYPA__ASTORIA_CC1 323568	60.78 2.96 0.00	41.43 1.80 0.00	37.67 1.59 0.00	41.48 1.60 0.00	44.15 1.67 0.00	49.47 2.18 0.00	52.42 2.50 0.00	70.09 2.99 0.00	58.41 2.52 0.00	60.90 2.96 0.00	35.92 1.41 0.00	49.55 2.66 -0.12	244.19 13.67 -0.09	55.65 2.88 -4.85	49.88 2.98 -4.29	39.20 2.20 0.00	49.17 2.80 0.00	69.35 4.08 -1.18	51.66 2.74 -0.27	49.92 2.26 0.00	43.24 1.93 -0.10	56.96 2.67 -0.23	45.68 2.39 -0.46	42.14 2.20 0.00
NYPA__ASTORIA_CC2 323569	60.78 2.96 0.00	41.43 1.80 0.00	37.67 1.59 0.00	41.48 1.60 0.00	44.15 1.67 0.00	49.47 2.18 0.00	52.42 2.50 0.00	70.09 2.99 0.00	58.41 2.52 0.00	60.90 2.96 0.00	35.92 1.41 0.00	49.55 2.66 -0.12	244.19 13.67 -0.09	55.65 2.88 -4.85	49.88 2.98 -4.29	39.20 2.20 0.00	49.17 2.80 0.00	69.35 4.08 -1.18	51.66 2.74 -0.27	49.92 2.26 0.00	43.24 1.93 -0.10	56.96 2.67 -0.23	45.68 2.39 -0.46	42.14 2.20 0.00
NYPA__HOLTSVILL 23794	63.89 3.50 -2.57	48.56 2.44 -6.48	38.34 2.25 -0.01	42.13 2.25 0.00	44.72 2.25 0.00	50.11 2.82 0.00	53.21 3.28 -0.01	70.95 3.85 0.00	64.12 3.28 -4.95	66.00 3.58 -4.49	41.60 1.86 -5.23	49.67 2.78 -0.12	240.59 8.74 -1.43	56.70 2.23 -6.57	60.86 3.08 -15.18	55.33 2.41 -15.92	51.88 3.16 -2.35	70.42 4.25 -2.09	58.29 2.76 -6.88	49.70 2.04 0.00	43.23 1.92 -0.10	56.37 2.08 -0.23	63.41 2.27 -18.30	48.58 2.62 -6.03
NYPA__HELLGATE_GT1 24158	60.68 2.86 0.00	41.36 1.73 0.00	37.60 1.52 0.00	41.43 1.55 0.00	44.10 1.62 0.00	49.43 2.15 0.00	52.38 2.47 0.00	70.03 2.94 0.00	58.32 2.43 0.00	60.84 2.90 0.00	35.86 1.35 0.00	49.41 2.51 -0.12	243.53 13.01 -0.09	55.58 2.82 -4.85	49.79 2.89 -4.29	39.13 2.13 0.00	49.04 2.67 0.00	69.35 4.09 -1.18	51.50 2.58 -0.27	49.75 2.09 0.00	43.11 1.80 -0.10	56.83 2.54 -0.23	45.52 2.23 -0.46	42.03 2.09 0.00

NYPA_____HELLGATE_GT2 24159	60.68 2.86 0.00	41.36 1.73 0.00	37.60 1.52 0.00	41.43 1.55 0.00	44.10 1.62 0.00	49.43 2.15 0.00	52.38 2.47 0.00	70.03 2.94 0.00	58.32 2.43 0.00	60.84 2.90 0.00	35.86 1.35 0.00	49.41 2.51 -0.12	243.53 13.01 -0.09	55.58 2.82 -4.85	49.79 2.89 -4.29	39.13 2.13 0.00	49.04 2.67 0.00	69.35 4.09 -1.18	51.50 2.58 -0.27	49.75 2.09 0.00	43.11 1.80 -0.10	56.83 2.54 -0.23	45.52 2.23 -0.46	42.03 2.09 0.00
NYS_BARGE___HYD 23848	49.49 -4.64 3.68	15.55 -3.00 21.08	33.29 -2.80 0.00	36.91 -2.97 0.00	39.36 -3.11 0.00	43.99 -3.30 0.00	43.85 -3.95 2.12	40.27 -5.42 21.41	37.28 -4.61 14.01	41.70 -5.44 10.80	25.47 -2.93 6.11	39.89 -4.44 2.44	139.08 -24.08 67.27	24.69 -4.48 18.73	22.23 -3.83 16.56	30.70 -3.30 3.01	21.32 -4.02 21.04	22.71 -4.96 36.42	43.42 -4.25 0.97	42.14 -4.40 1.13	29.93 -3.15 8.12	41.04 -2.35 10.68	37.07 -3.35 2.41	37.67 -2.27 0.00
OAK ORCHARD___HYD 24046	53.03 -2.26 2.52	23.66 -1.55 14.43	34.70 -1.38 0.00	38.43 -1.44 0.00	40.96 -1.51 0.00	45.72 -1.57 0.00	46.46 -1.98 1.48	48.98 -3.12 14.99	43.43 -2.67 9.79	47.28 -3.11 7.54	28.46 -1.76 4.30	42.42 -2.59 1.76	169.37 -13.86 47.19	30.72 -2.77 14.42	27.44 -2.43 12.74	32.87 -2.04 2.10	29.34 -2.52 14.52	36.01 -2.86 25.21	45.75 -2.17 0.73	45.50 -2.16 0.00	37.38 -1.59 2.23	52.35 -1.10 0.60	39.95 -1.66 1.22	38.91 -1.03 0.00
OAKDALE___35_KV_LOAD 356122	63.33 0.32 -5.19	69.49 0.12 -29.73	36.18 0.10 0.00	39.95 0.08 0.00	42.54 0.07 0.00	47.40 0.12 0.00	53.07 0.22 -2.94	96.76 -0.06 -29.73	75.34 -0.04 -19.50	70.35 -0.04 -12.46	43.06 -0.06 -8.60	50.52 0.01 -3.73	286.82 -0.26 -56.64	83.20 -0.11 -35.40	73.87 -0.02 -31.29	41.09 -0.07 -4.16	76.09 -0.03 -29.75	120.19 0.11 -55.99	50.73 0.08 -2.01	47.72 0.07 0.00	45.04 0.10 -3.73	56.43 0.71 -1.66	46.28 0.09 -3.36	40.17 0.23 0.00
OCC_CHEM___DRP 24175	48.65 -5.33 3.84	14.27 -3.41 21.96	32.90 -3.18 0.00	36.48 -3.39 0.00	38.93 -3.54 0.00	43.49 -3.80 0.00	43.16 -4.53 2.24	38.64 -5.90 22.56	36.23 -5.10 14.55	40.85 -5.87 11.21	24.93 -3.23 6.35	39.40 -4.85 2.53	134.96 -25.75 69.72	23.93 -4.72 19.26	21.52 -4.07 17.02	30.41 -3.47 3.13	20.31 -4.17 21.89	20.84 -5.37 37.87	42.90 -4.74 1.00	41.26 -5.18 1.22	28.65 -3.91 8.64	39.47 -3.10 11.49	36.52 -3.79 2.53	37.27 -2.67 0.00
OH_GEN_PROXY 24063	49.18 -4.88 3.75	14.95 -3.24 21.45	33.19 -2.89 0.00	36.81 -3.07 0.00	39.26 -3.22 0.00	43.87 -3.42 0.00	43.67 -4.08 2.17	39.51 -5.83 21.76	36.76 -4.91 14.22	41.46 -5.54 10.94	18.46 -3.06 12.99	39.82 -4.48 2.47	139.03 -23.61 67.79	24.44 -4.61 18.86	21.00 -3.89 17.72	30.68 -3.27 3.06	20.80 -4.17 21.39	15.89 -5.37 42.82	40.95 -4.35 3.36	38.56 -4.51 4.59	26.64 -3.44 11.12	47.04 -2.82 4.20	36.98 -3.49 2.37	37.53 -2.41 0.00
OLIN_CORP_DRP 24177	48.53 -5.38 3.90	13.92 -3.42 22.30	32.81 -3.27 0.00	36.38 -3.49 0.00	38.81 -3.67 0.00	43.38 -3.91 0.00	43.06 -4.61 2.25	38.54 -5.84 22.72	36.04 -5.08 14.77	40.62 -5.93 11.39	24.83 -3.25 6.44	39.29 -4.91 2.57	133.26 -26.32 70.85	23.66 -4.74 19.50	21.24 -4.13 17.24	30.28 -3.55 3.17	19.98 -4.16 22.23	20.27 -5.36 38.46	42.81 -4.81 1.02	41.40 -5.02 1.24	28.77 -3.66 8.78	39.40 -2.99 11.67	36.38 -3.89 2.56	37.18 -2.76 0.00
OLIN_CORP_DSASP 323712	48.65 -5.33 3.84	14.27 -3.41 21.96	32.90 -3.18 0.00	36.48 -3.39 0.00	38.93 -3.54 0.00	43.49 -3.80 0.00	43.16 -4.53 2.24	38.64 -5.90 22.56	36.23 -5.10 14.55	40.85 -5.87 11.21	24.93 -3.23 6.35	39.40 -4.85 2.53	134.96 -25.75 69.72	23.93 -4.72 19.26	21.52 -4.07 17.02	30.41 -3.47 3.13	20.31 -4.17 21.89	20.84 -5.37 37.87	42.90 -4.74 1.00	41.26 -5.18 1.22	28.65 -3.91 8.64	39.47 -3.10 11.49	36.52 -3.79 2.53	37.27 -2.67 0.00
ONEIDA_HERK_LFGE 323681	57.74 -0.08 0.00	39.39 -0.24 0.00	35.83 -0.25 0.00	39.72 -0.15 0.00	42.44 -0.03 0.00	47.22 -0.06 0.00	49.76 -0.16 0.00	66.07 -1.03 0.00	54.87 -1.02 0.00	57.25 -0.69 0.00	34.09 -0.42 0.00	46.30 -0.47 0.00	229.03 -1.40 0.00	47.23 -0.67 0.00	41.97 -0.64 0.00	36.70 -0.31 0.00	45.96 -0.41 0.00	63.38 -0.70 0.00	48.51 -0.14 0.00	47.89 0.23 0.00	41.34 0.14 0.00	53.72 -0.34 0.00	42.40 -0.44 0.00	39.59 -0.35 0.00
ONEIDA___115KV_TB4 55905	58.89 1.08 0.00	40.27 0.64 0.00	36.60 0.52 0.00	40.45 0.58 0.00	43.13 0.65 0.00	48.01 0.72 0.00	50.64 0.72 0.00	67.64 0.54 0.00	56.36 0.47 0.00	58.51 0.57 0.00	34.80 0.28 0.00	47.06 0.38 0.09	232.92 2.56 0.08	44.41 0.37 3.86	39.46 0.26 3.41	37.21 0.21 0.00	46.62 0.24 0.00	64.32 0.23 0.00	49.15 0.50 0.00	48.40 0.74 0.00	41.90 0.70 0.00	55.04 0.97 0.00	43.36 0.52 0.00	40.51 0.56 0.00
ONONDAGA_REF_OCCRA 23987	57.67 -0.15 0.00	39.47 -0.16 0.00	35.91 -0.17 0.00	39.68 -0.20 0.00	42.25 -0.23 0.00	47.03 -0.25 0.00	49.30 -0.31 0.31	63.12 -0.88 3.10	53.38 -0.70 1.81	56.54 -0.76 0.63	33.38 -0.49 0.64	45.97 -0.63 0.17	232.86 -3.52 -5.94	39.98 -0.80 7.13	35.52 -0.79 6.30	35.80 -0.76 0.43	43.83 -0.89 1.66	61.83 -0.87 1.38	47.70 -0.61 0.33	47.16 -0.50 0.00	40.99 -0.36 -0.15	53.70 -0.09 0.27	41.90 -0.37 0.55	39.77 -0.17 0.00
ONONDAGA___COGEN 23986	56.88 -0.24 0.70	35.43 -0.20 4.00	35.89 -0.19 0.00	39.65 -0.23 0.00	42.22 -0.26 0.00	46.99 -0.30 0.00	49.11 -0.35 0.46	61.53 -0.96 4.61	52.09 -0.76 3.04	55.06 -0.84 2.04	32.62 -0.54 1.35	45.38 -0.75 0.64	216.06 -3.98 10.40	39.28 -0.86 7.76	34.85 -0.90 6.86	35.51 -0.84 0.64	41.14 -1.00 4.23	56.45 -1.04 6.59	47.53 -0.76 0.36	47.04 -0.62 0.00	40.27 -0.42 0.51	53.54 -0.22 0.30	41.79 -0.45 0.60	39.70 -0.24 0.00
ONTARIO___LFGE 23819	53.47 -1.01 3.33	19.68 -0.87 19.08	35.38 -0.70 0.00	39.13 -0.74 0.00	41.72 -0.75 0.00	46.48 -0.81 0.00	47.08 -0.91 1.93	45.67 -1.89 19.54	41.31 -1.63 12.95	45.25 -1.95 10.74	27.48 -1.25 5.78	42.60 -1.72 2.45	145.21 -9.86 75.36	26.32 -2.14 19.44	23.50 -1.92 17.18	32.66 -1.60 2.74	25.16 -2.18 19.03	27.49 -2.64 33.95	45.93 -1.71 1.01	47.00 -1.48 -0.81	40.36 -1.04 -0.19	60.32 0.00 -6.26	40.57 -1.14 1.13	39.22 -0.72 0.00
ORANGEVILLE_WT_PWR 323706	48.95 -3.50 5.36	6.46 -2.49 30.69	33.82 -2.27 0.00	37.50 -2.37 0.00	39.95 -2.52 0.00	44.61 -2.68 0.00	43.62 -3.22 3.07	31.14 -4.91 31.05	31.42 -4.16 20.31	37.33 -4.77 15.83	22.84 -2.74 8.94	39.48 -3.76 3.53	109.60 -20.43 100.39	17.71 -4.38 25.82	15.98 -3.81 22.82	29.29 -3.37 4.34	11.51 -4.43 30.43	5.20 -5.87 53.01	43.14 -4.14 1.37	38.15 -4.31 5.20	10.28 -3.58 27.35	4.85 -2.50 46.71	33.43 -3.51 5.90	37.38 -2.56 0.00
ORANGEVILLE___ESR 323794	48.95 -3.50 5.36	6.46 -2.49 30.69	33.82 -2.27 0.00	37.50 -2.37 0.00	39.95 -2.52 0.00	44.61 -2.68 0.00	43.62 -3.22 3.07	31.14 -4.91 31.05	31.42 -4.16 20.31	37.33 -4.77 15.83	22.84 -2.74 8.94	39.48 -3.76 3.53	109.60 -20.43 100.39	17.71 -4.38 25.82	15.98 -3.81 22.82	29.29 -3.37 4.34	11.51 -4.43 30.43	5.20 -5.87 53.01	43.14 -4.14 1.37	38.15 -4.31 5.20	10.28 -3.58 27.35	4.85 -2.50 46.71	33.43 -3.51 5.90	37.38 -2.56 0.00

OSWEGATCHIE___HYD 24044	54.94 -2.88 0.00	37.60 -2.03 0.00	34.36 -1.73 0.00	38.16 -1.72 0.00	40.80 -1.67 0.00	45.38 -1.91 0.00	47.80 -2.12 0.00	63.43 -3.68 0.00	52.52 -3.37 0.00	54.69 -3.25 0.00	32.68 -1.84 0.00	44.36 -2.41 0.00	218.92 -11.51 0.00	45.20 -2.71 0.00	40.07 -2.54 0.00	35.18 -1.82 0.00	44.07 -2.30 0.00	60.84 -3.25 0.00	46.61 -2.03 0.00	46.09 -1.57 0.00	39.84 -1.36 0.00	51.28 -2.79 0.00	40.69 -2.15 0.00	37.89 -2.06 0.00
OSWEGO___5 23606	56.64 -1.17 0.00	38.81 -0.82 0.00	35.33 -0.75 0.00	39.04 -0.83 0.00	41.57 -0.91 0.00	46.26 -1.03 0.00	48.77 -1.15 0.00	65.16 -1.94 0.00	54.29 -1.60 0.00	56.24 -1.69 0.00	33.49 -1.02 0.00	45.25 -1.40 0.12	223.30 -7.03 0.10	41.20 -1.53 5.17	36.58 -1.45 4.57	35.70 -1.30 0.00	44.79 -1.58 0.00	61.23 -1.92 0.93	46.99 -1.43 0.22	46.29 -1.37 0.00	40.00 -1.13 0.08	52.69 -1.19 0.18	41.34 -1.13 0.36	39.09 -0.85 0.00
OSWEGO___6 23613	56.64 -1.17 0.00	38.81 -0.82 0.00	35.33 -0.75 0.00	39.04 -0.83 0.00	41.57 -0.91 0.00	46.26 -1.03 0.00	48.77 -1.15 0.00	65.16 -1.94 0.00	54.29 -1.60 0.00	56.24 -1.69 0.00	33.49 -1.02 0.00	45.25 -1.40 0.12	223.30 -7.03 0.10	41.20 -1.53 5.17	36.58 -1.45 4.57	35.70 -1.30 0.00	44.79 -1.58 0.00	61.23 -1.92 0.93	46.99 -1.43 0.22	46.29 -1.37 0.00	40.00 -1.13 0.08	52.69 -1.19 0.18	41.34 -1.13 0.36	39.09 -0.85 0.00
OUTOKUMPU-AB___DRP 24206	49.73 -4.12 3.97	14.26 -2.65 22.72	33.57 -2.51 0.00	37.23 -2.64 0.00	39.71 -2.76 0.00	44.35 -2.93 0.00	44.04 -3.55 2.33	38.92 -4.68 23.50	36.77 -4.08 15.04	41.51 -4.83 11.60	25.33 -2.63 6.56	40.17 -4.00 2.61	136.47 -21.76 72.19	24.13 -3.99 19.79	21.70 -3.42 17.49	30.85 -2.92 3.23	20.30 -3.44 22.64	20.63 -4.28 39.17	43.78 -3.83 1.04	42.19 -4.17 1.31	29.02 -3.05 9.13	39.76 -2.03 12.27	37.14 -3.05 2.64	37.94 -2.00 0.00
OXBOW___BTM 323836	49.36 -4.55 3.90	14.35 -2.94 22.34	33.37 -2.71 0.00	37.00 -2.87 0.00	39.48 -3.00 0.00	44.11 -3.18 0.00	43.79 -3.85 2.28	38.79 -5.27 23.03	36.58 -4.51 14.80	41.33 -5.21 11.41	25.26 -2.80 6.45	39.97 -4.23 2.57	136.63 -22.83 70.97	24.09 -4.29 19.53	21.70 -3.65 17.26	30.70 -3.13 3.18	20.28 -3.83 22.27	20.70 -4.85 38.53	43.49 -4.11 1.02	41.92 -4.48 1.26	29.01 -3.30 8.89	39.86 -2.32 11.89	36.99 -3.26 2.58	37.76 -2.18 0.00
OXBOW___ 24026	49.41 -4.51 3.90	14.42 -2.87 22.34	33.37 -2.71 0.00	37.00 -2.87 0.00	39.48 -2.99 0.00	44.11 -3.18 0.00	43.79 -3.84 2.28	39.03 -5.03 23.03	36.71 -4.38 14.80	41.41 -5.12 11.41	25.26 -2.80 6.45	39.96 -4.24 2.57	136.43 -23.03 70.97	24.20 -4.18 19.53	21.75 -3.60 17.26	30.76 -3.07 3.18	20.48 -3.63 22.27	20.97 -4.59 38.53	43.52 -4.11 1.02	41.91 -4.49 1.26	28.98 -3.33 8.89	39.84 -2.34 11.89	36.99 -3.27 2.58	37.75 -2.19 0.00
OXY_CHEM_DSASP 323612	48.65 -5.33 3.84	14.27 -3.41 21.96	32.90 -3.18 0.00	36.48 -3.39 0.00	38.93 -3.54 0.00	43.49 -3.80 0.00	43.16 -4.53 2.24	38.64 -5.90 22.56	36.23 -5.10 14.55	40.85 -5.87 11.21	24.93 -3.23 6.35	39.40 -4.85 2.53	134.96 -25.75 69.72	23.93 -4.72 19.26	21.52 -4.07 17.02	30.41 -3.47 3.13	20.31 -4.17 21.89	20.84 -5.37 37.87	42.90 -4.74 1.00	41.26 -5.18 1.22	28.65 -3.91 8.64	39.47 -3.10 11.49	36.52 -3.79 2.53	37.27 -2.67 0.00
OZONE_PARK_ESR 323760	61.35 3.54 0.00	41.79 2.16 0.00	37.99 1.91 0.00	41.79 1.92 0.00	44.47 2.00 0.00	49.84 2.55 0.00	52.83 2.91 0.00	70.63 3.53 0.00	58.92 3.03 0.00	61.46 3.52 0.00	36.24 1.73 0.00	50.03 3.14 -0.12	246.46 15.93 -0.09	56.10 3.33 -4.85	50.31 3.41 -4.29	39.56 2.56 0.00	49.62 3.25 0.00	69.88 4.62 -1.18	52.18 3.26 -0.27	50.48 2.81 0.00	43.72 2.42 -0.10	57.61 3.32 -0.23	46.16 2.86 -0.46	42.56 2.62 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	48.65 -5.33 3.84	14.27 -3.41 21.96	32.90 -3.18 0.00	36.48 -3.39 0.00	38.93 -3.54 0.00	43.49 -3.80 0.00	43.16 -4.53 2.24	38.64 -5.90 22.56	36.23 -5.10 14.55	40.85 -5.87 11.21	24.93 -3.23 6.35	39.40 -4.85 2.53	134.96 -25.75 69.72	23.93 -4.72 19.26	21.52 -4.07 17.02	30.41 -3.47 3.13	20.31 -4.17 21.89	20.84 -5.37 37.87	42.90 -4.74 1.00	41.26 -5.18 1.22	28.65 -3.91 8.64	39.47 -3.10 11.49	36.52 -3.79 2.53	37.27 -2.67 0.00
PACKARD___115KV_DUPONT_184 80571	48.61 -5.38 3.84	14.20 -3.47 21.96	32.90 -3.19 0.00	36.49 -3.39 0.00	38.93 -3.55 0.00	43.50 -3.79 0.00	43.16 -4.53 2.24	38.38 -6.15 22.56	36.09 -5.25 14.55	40.78 -5.94 11.21	24.93 -3.24 6.35	39.42 -4.82 2.53	135.15 -25.56 69.72	23.83 -4.82 19.26	21.47 -4.12 17.02	30.35 -3.52 3.13	20.11 -4.37 21.89	20.60 -5.61 37.87	42.88 -4.77 1.00	41.27 -5.17 1.22	28.68 -3.88 8.64	39.51 -3.06 11.49	36.51 -3.79 2.53	37.28 -2.66 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	60.80 2.98 0.00	41.46 1.83 0.00	37.70 1.62 0.00	41.55 1.67 0.00	44.24 1.76 0.00	49.56 2.27 0.00	52.53 2.61 0.00	70.20 3.10 0.00	58.44 2.55 0.00	60.92 2.98 0.00	35.91 1.39 0.00	49.49 2.60 -0.12	243.70 13.17 -0.09	55.56 2.80 -4.85	49.81 2.91 -4.29	39.16 2.16 0.00	49.06 2.69 0.00	69.24 3.98 -1.18	51.60 2.67 -0.27	49.84 2.18 0.00	43.18 1.88 -0.10	56.91 2.62 -0.23	45.59 2.30 -0.46	42.10 2.16 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	62.26 4.44 0.00	42.37 2.74 0.00	38.66 2.58 0.00	42.58 2.71 0.00	45.37 2.90 0.00	50.88 3.59 0.00	53.97 4.05 0.00	72.15 5.05 0.00	60.02 4.12 0.00	62.46 4.53 0.00	36.79 2.27 0.00	50.68 3.79 -0.12	249.46 18.93 -0.09	56.75 3.99 -4.85	50.92 4.01 -4.29	40.12 3.11 0.00	50.26 3.88 0.00	70.90 5.64 -1.18	52.80 3.88 -0.27	50.92 3.26 0.00	44.10 2.80 -0.10	58.26 3.97 -0.23	46.61 3.31 -0.46	43.07 3.13 0.00
PATROON___115KV_TB1 80586	59.14 1.32 0.00	40.60 0.97 0.00	36.98 0.90 0.00	40.78 0.90 0.00	43.40 0.92 0.00	48.32 1.04 0.00	51.08 1.16 0.00	68.55 1.45 0.00	57.16 1.27 0.00	59.35 1.41 0.00	35.39 0.88 0.00	47.85 1.08 0.00	235.64 5.21 0.00	49.19 1.28 0.00	43.84 1.23 0.00	38.07 1.06 0.00	47.69 1.32 0.00	66.47 1.52 -0.87	49.91 1.06 -0.20	48.64 0.98 0.00	42.04 0.76 -0.07	55.73 1.50 -0.17	44.33 1.16 -0.34	40.81 0.87 0.00
PATTRSNVILLE___SOLAR 323815	59.81 1.99 0.00	40.94 1.31 0.00	37.25 1.17 0.00	41.15 1.27 0.00	43.80 1.32 0.00	48.79 1.50 0.00	51.56 1.64 0.00	69.19 2.09 0.00	57.70 1.80 0.00	59.81 1.88 0.00	35.61 1.10 0.00	48.29 1.42 -0.09	236.94 6.43 -0.08	53.25 1.39 -3.95	47.43 1.32 -3.49	38.21 1.21 0.00	47.98 1.60 0.00	67.16 2.12 -0.96	50.31 1.44 -0.22	49.25 1.59 0.00	42.58 1.30 -0.08	56.19 1.94 -0.18	44.64 1.43 -0.37	41.19 1.25 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	49.25 -4.01 4.56	10.89 -2.63 26.12	33.65 -2.43 0.00	37.31 -2.56 0.00	39.77 -2.70 0.00	44.39 -2.89 0.00	43.94 -3.35 2.63	36.00 -4.55 26.55	34.75 -3.99 17.15	40.08 -4.63 13.23	24.47 -2.58 7.46	40.07 -3.75 2.95	127.58 -20.63 82.22	22.02 -3.92 21.96	19.90 -3.30 19.41	30.50 -2.81 3.69	17.06 -3.35 25.96	14.93 -4.29 44.86	43.79 -3.70 1.16	42.42 -3.88 1.37	28.45 -2.86 9.89	39.43 -1.74 12.88	36.87 -3.07 2.89	37.88 -2.06 0.00

PAWLING_115_KV_BK3_REV_LBMP_H 345028	61.06 3.25 0.00	41.63 2.00 0.00	37.83 1.74 0.00	41.65 1.77 0.00	44.33 1.86 0.00	49.60 2.31 0.00	52.58 2.66 0.00	70.36 3.25 0.00	58.71 2.82 0.00	61.17 3.24 0.00	36.27 1.76 0.00	49.71 2.82 -0.12	244.68 14.16 -0.09	55.64 2.95 -4.79	49.88 3.04 -4.23	39.42 2.42 0.00	49.45 3.08 0.00	69.59 4.34 -1.16	51.96 3.04 -0.27	50.37 2.71 0.00	43.57 2.26 -0.10	57.52 3.23 -0.22	45.94 2.65 -0.45	42.34 2.40 0.00
PEEKSKILL____ 23653	60.63 2.82 0.00	41.33 1.70 0.00	37.57 1.49 0.00	41.37 1.49 0.00	44.03 1.55 0.00	49.30 2.01 0.00	52.25 2.33 0.00	69.89 2.79 0.00	58.29 2.40 0.00	60.75 2.82 0.00	35.97 1.46 0.00	49.39 2.50 -0.12	243.01 12.49 -0.10	55.44 2.66 -4.87	49.70 2.79 -4.30	39.12 2.12 0.00	49.12 2.74 0.00	69.18 3.91 -1.18	51.57 2.65 -0.28	49.92 2.26 0.00	43.22 1.91 -0.10	56.99 2.70 -0.23	45.61 2.31 -0.46	42.06 2.12 0.00
PGE MADISON__WINDPWR 24146	62.91 4.17 -0.93	47.67 2.69 -5.35	38.25 2.17 0.00	41.94 2.06 0.00	44.75 2.28 0.00	49.85 2.56 0.00	53.18 2.61 -0.66	77.10 3.39 -6.61	62.97 2.83 -4.26	66.16 2.92 -5.30	38.04 1.70 -1.83	49.49 1.96 -0.75	288.99 8.20 -50.36	57.17 1.98 -7.29	50.99 1.94 -6.44	39.37 1.44 -0.92	55.15 1.98 -6.79	80.59 3.61 -12.91	52.32 3.24 -0.43	51.33 3.38 -0.29	47.98 3.02 -3.76	60.53 3.61 -2.85	45.45 1.69 -0.93	41.63 1.69 0.00
PIERCEFIELD____HYD 23852	55.05 -2.76 0.00	37.93 -1.70 0.00	34.77 -1.32 0.00	38.56 -1.32 0.00	41.17 -1.30 0.00	45.81 -1.47 0.00	48.32 -1.60 0.00	64.64 -2.46 0.00	53.58 -2.31 0.00	55.42 -2.52 0.00	33.13 -1.38 0.00	44.90 -1.87 0.00	221.24 -9.19 0.00	45.95 -1.95 0.00	40.72 -1.89 0.00	35.64 -1.37 0.00	44.60 -1.77 0.00	61.63 -2.45 0.00	47.24 -1.40 0.00	46.55 -1.11 0.00	40.34 -0.87 0.00	52.04 -2.03 0.00	41.29 -1.54 0.00	38.29 -1.65 0.00
PINELAWN_CC_1 323563	64.22 3.61 -2.80	49.11 2.41 -7.07	38.26 2.17 -0.01	42.05 2.18 0.00	44.71 2.23 0.00	50.07 2.79 0.00	53.14 3.21 -0.01	70.99 3.89 0.00	64.61 3.32 -5.40	66.49 3.66 -4.89	42.18 1.97 -5.70	49.80 2.91 -0.12	243.55 11.57 -1.55	57.45 2.82 -6.72	62.17 3.41 -16.16	57.02 2.67 -17.35	52.33 3.40 -2.57	70.83 4.58 -2.17	59.19 3.07 -7.48	50.07 2.41 0.00	43.50 2.20 -0.10	56.48 2.49 0.07	65.33 2.59 -19.91	49.23 2.72 -6.57
PJM_GEN_HTP_PROXY 323702	60.96 3.14 0.00	42.85 1.92 -1.30	37.77 1.69 0.00	41.57 1.69 0.00	44.24 1.77 0.00	49.58 2.29 0.00	52.55 2.63 0.00	70.26 3.16 0.00	58.58 2.69 0.00	68.26 3.14 -7.18	27.92 1.52 8.11	49.70 2.81 -0.12	230.35 14.29 14.37	58.72 3.01 -7.80	49.28 3.11 -3.55	39.31 2.31 0.00	58.01 2.95 -8.68	64.09 4.25 4.24	57.65 2.90 -6.10	53.29 2.46 -3.17	54.19 2.08 -10.91	49.22 2.90 7.74	45.83 2.54 -0.46	42.37 2.33 -0.10
PJM_GEN_KEystone 24065	54.39 -0.71 2.72	24.65 -0.73 14.25	35.43 -0.65 0.00	39.16 -0.72 0.00	41.70 -0.78 0.00	46.63 -0.66 0.00	47.69 -0.66 1.56	49.83 -1.50 15.77	44.49 -1.33 10.08	56.11 -1.25 0.57	21.26 -0.81 12.44	44.32 -0.81 1.65	164.06 -4.46 61.91	39.19 -0.91 7.81	31.91 -0.46 10.24	34.40 -0.42 2.19	39.03 -0.57 6.78	33.64 -0.53 29.91	53.56 -0.42 -5.34	49.85 -0.70 -2.89	48.39 -0.45 -7.64	43.90 0.58 10.75	41.52 -0.31 1.00	40.05 0.01 -0.10
PJM_GEN_NEPTUNE_PROXY 323594	63.36 3.13 -2.42	49.08 2.06 -7.39	37.93 1.84 -0.01	41.70 1.83 0.00	44.34 1.87 0.00	49.69 2.40 0.00	52.69 2.76 -0.01	70.42 3.31 0.00	63.38 2.84 -4.66	72.50 3.16 -11.40	33.01 1.69 3.19	49.54 2.65 -0.12	227.99 10.67 13.11	59.95 2.63 -9.41	59.44 3.04 -13.79	54.30 2.32 -14.97	60.23 2.96 -10.90	64.72 4.03 3.39	63.61 2.66 -12.31	52.92 2.09 -3.17	53.99 1.88 -10.91	48.40 2.08 7.74	62.35 2.27 -17.24	48.07 2.37 -5.77
PJM_GEN_VFT_PROXY 323633	60.70 2.89 0.00	42.66 1.73 -1.30	37.57 1.49 0.00	41.34 1.47 0.00	44.00 1.52 0.00	49.33 2.04 0.00	52.27 2.35 0.00	69.84 2.75 0.00	58.25 2.36 0.00	67.96 2.85 -7.18	27.77 1.36 8.11	49.49 2.60 -0.12	229.60 13.54 14.37	58.54 2.84 -7.80	49.09 2.93 -3.55	39.14 2.14 0.00	57.82 2.76 -8.68	63.84 4.01 4.24	57.45 2.71 -6.10	53.08 2.26 -3.17	54.01 1.90 -10.91	48.96 2.64 7.74	45.66 2.36 -0.46	42.22 2.18 -0.10
PLATSBURG_115KV_PMLD1 355749	57.93 0.12 0.00	39.80 0.17 0.00	36.30 0.21 0.00	40.19 0.31 0.00	42.87 0.39 0.00	47.74 0.45 0.00	50.37 0.45 0.00	67.81 0.71 0.00	56.38 0.49 0.00	58.21 0.27 0.00	34.76 0.25 0.00	47.07 0.29 0.00	231.51 1.08 0.00	48.16 0.25 0.00	42.49 -0.12 0.00	37.10 0.10 0.00	46.51 0.14 0.00	64.34 0.25 0.00	49.05 0.41 0.00	48.15 0.49 0.00	41.77 0.57 0.00	54.32 0.26 0.00	42.79 -0.05 0.00	39.56 -0.39 0.00
PLEASANTVLY____LBMP 24000	60.36 2.55 0.00	41.19 1.55 0.00	37.44 1.36 0.00	41.25 1.37 0.00	43.90 1.43 0.00	49.09 1.80 0.00	52.02 2.10 0.00	69.57 2.47 0.00	58.02 2.13 0.00	60.44 2.51 0.00	35.87 1.35 0.00	49.09 2.20 -0.11	241.69 11.17 -0.09	54.80 2.32 -4.58	49.10 2.45 -4.04	38.89 1.88 0.00	48.81 2.43 0.00	68.60 3.41 -1.11	51.27 2.36 -0.26	49.70 2.04 0.00	42.98 1.68 -0.10	56.75 2.47 -0.21	45.36 2.09 -0.43	41.83 1.88 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	60.88 3.06 0.00	41.48 1.85 0.00	37.73 1.65 0.00	41.53 1.65 0.00	44.20 1.72 0.00	49.48 2.20 0.00	52.44 2.52 0.00	70.12 3.02 0.00	58.51 2.62 0.00	60.98 3.05 0.00	36.08 1.56 0.00	49.56 2.67 -0.12	244.05 13.53 -0.09	55.56 2.82 -4.83	49.83 2.95 -4.27	39.27 2.27 0.00	49.26 2.89 0.00	69.32 4.06 -1.17	51.75 2.83 -0.27	50.09 2.43 0.00	43.34 2.04 -0.10	57.20 2.91 -0.23	45.77 2.48 -0.46	42.21 2.27 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	60.88 3.06 0.00	41.48 1.85 0.00	37.73 1.65 0.00	41.53 1.65 0.00	44.20 1.72 0.00	49.48 2.20 0.00	52.44 2.52 0.00	70.12 3.02 0.00	58.51 2.62 0.00	60.98 3.05 0.00	36.08 1.56 0.00	49.56 2.67 -0.12	244.05 13.53 -0.09	55.56 2.82 -4.83	49.83 2.95 -4.27	39.27 2.27 0.00	49.26 2.89 0.00	69.32 4.06 -1.17	51.75 2.83 -0.27	50.09 2.43 0.00	43.34 2.04 -0.10	57.20 2.91 -0.23	45.77 2.48 -0.46	42.21 2.27 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	60.85 3.04 0.00	41.51 1.87 0.00	37.73 1.65 0.00	41.57 1.70 0.00	44.25 1.77 0.00	49.48 2.19 0.00	52.41 2.49 0.00	70.14 3.04 0.00	58.52 2.63 0.00	60.93 2.99 0.00	36.15 1.64 0.00	49.45 2.56 -0.11	243.59 13.07 -0.09	55.26 2.68 -4.67	49.52 2.78 -4.13	39.22 2.22 0.00	49.23 2.86 0.00	69.20 3.98 -1.14	51.69 2.78 -0.27	50.15 2.49 0.00	43.40 2.10 -0.10	57.32 3.04 -0.22	45.77 2.49 -0.44	42.15 2.21 0.00
POLETTI____ 23519	60.95 3.14 0.00	41.55 1.91 0.00	37.77 1.69 0.00	41.56 1.69 0.00	44.24 1.76 0.00	49.55 2.26 0.00	52.51 2.60 0.00	70.20 3.10 0.00	58.56 2.67 0.00	61.06 3.13 0.00	35.93 1.42 0.00	49.68 2.79 -0.12	244.76 14.23 -0.09	55.73 2.97 -4.85	49.97 3.07 -4.29	39.27 2.26 0.00	49.23 2.85 0.00	69.37 4.11 -1.18	51.80 2.88 -0.27	50.09 2.43 0.00	43.34 2.04 -0.10	57.13 2.84 -0.23	45.81 2.52 -0.46	42.25 2.31 0.00

POMONA___ESR 323819	61.26 2.91 -0.53	44.40 1.74 -3.03	37.54 1.46 0.00	41.33 1.45 0.00	43.99 1.51 0.00	49.28 1.99 0.00	52.22 2.30 0.00	69.84 2.74 0.00	58.21 2.33 0.00	60.71 2.78 0.00	35.98 1.47 0.00	49.35 2.45 -0.12	243.05 12.52 -0.10	55.69 2.65 -5.14	49.90 2.74 -4.54	39.10 2.10 0.00	50.46 2.74 -1.35	71.94 3.91 -3.95	51.55 2.61 -0.29	49.89 2.23 0.00	43.22 1.91 -0.11	57.00 2.70 -0.24	45.62 2.30 -0.49	42.05 2.11 0.00
PORT_JEFF_3 23555	64.03 3.64 -2.57	48.65 2.53 -6.49	38.42 2.33 -0.01	42.21 2.34 0.00	44.81 2.33 0.00	50.20 2.92 0.00	53.31 3.38 -0.01	71.10 4.00 0.00	64.25 3.40 -4.95	66.13 3.70 -4.49	41.70 1.95 -5.23	49.80 2.91 -0.12	241.02 9.16 -1.43	56.78 2.30 -6.57	61.00 3.20 -15.19	55.47 2.54 -15.93	52.04 3.31 -2.36	70.64 4.47 -2.09	58.46 2.93 -6.89	49.86 2.20 0.00	43.37 2.06 -0.10	56.57 2.28 -0.23	63.53 2.38 -18.32	48.69 2.72 -6.03
PORT_JEFF_4 23616	64.03 3.64 -2.57	48.65 2.53 -6.49	38.42 2.33 -0.01	42.21 2.34 0.00	44.81 2.33 0.00	50.20 2.92 0.00	53.31 3.38 -0.01	71.10 4.00 0.00	64.25 3.40 -4.95	66.13 3.70 -4.49	41.70 1.95 -5.23	49.80 2.91 -0.12	241.02 9.16 -1.43	56.78 2.30 -6.57	61.00 3.20 -15.19	55.47 2.54 -15.93	52.04 3.31 -2.36	70.64 4.47 -2.09	58.46 2.93 -6.89	49.86 2.20 0.00	43.37 2.06 -0.10	56.57 2.28 -0.23	63.53 2.38 -18.32	48.69 2.72 -6.03
PORT_JEFF_IC 23713	64.09 3.70 -2.58	48.71 2.58 -6.50	38.47 2.39 -0.01	42.26 2.39 0.00	44.85 2.38 0.00	50.24 2.95 0.00	53.37 3.44 -0.01	71.06 3.96 0.00	64.32 3.46 -4.97	66.21 3.77 -4.50	41.75 1.99 -5.25	49.86 2.97 -0.12	241.22 9.36 -1.43	56.76 2.28 -6.57	61.08 3.25 -15.21	55.58 2.60 -15.97	52.11 3.37 -2.36	70.52 4.35 -2.09	58.57 3.03 -6.90	49.96 2.31 0.00	43.46 2.15 -0.10	56.64 2.35 -0.23	63.64 2.45 -18.36	48.77 2.79 -6.05
PPL PILGRIM_ST_GT1 24216	64.18 3.76 -2.61	48.80 2.58 -6.58	38.44 2.35 -0.01	42.23 2.36 0.00	44.88 2.41 0.00	50.27 2.99 0.00	53.36 3.43 -0.01	71.22 4.12 0.00	64.43 3.51 -5.03	66.33 3.83 -4.56	41.90 2.08 -5.31	49.95 3.05 -0.12	243.25 11.37 -1.45	57.32 2.82 -6.59	61.42 3.46 -15.35	55.90 2.73 -16.17	52.19 3.43 -2.39	70.73 4.55 -2.10	58.72 3.08 -6.99	50.03 2.37 0.00	43.48 2.17 -0.10	56.75 2.46 -0.23	64.03 2.61 -18.58	48.88 2.82 -6.12
PPL PILGRIM_ST_GT2 24217	64.18 3.76 -2.61	48.80 2.58 -6.58	38.44 2.35 -0.01	42.23 2.36 0.00	44.88 2.41 0.00	50.27 2.99 0.00	53.36 3.43 -0.01	71.22 4.12 0.00	64.43 3.51 -5.03	66.33 3.83 -4.56	41.90 2.08 -5.31	49.95 3.05 -0.12	243.25 11.37 -1.45	57.32 2.82 -6.59	61.42 3.46 -15.35	55.90 2.73 -16.17	52.19 3.43 -2.39	70.73 4.55 -2.10	58.72 3.08 -6.99	50.03 2.37 0.00	43.48 2.17 -0.10	56.75 2.46 -0.23	64.03 2.61 -18.58	48.88 2.82 -6.12
PPL_SHRM_GT3 24213	64.09 3.70 -2.58	48.75 2.62 -6.50	38.56 2.47 -0.01	42.34 2.47 0.00	44.91 2.44 0.00	50.31 3.02 0.00	53.46 3.53 -0.01	71.22 4.12 0.00	64.34 3.49 -4.96	66.20 3.76 -4.50	41.70 1.94 -5.24	49.81 2.92 -0.12	240.34 8.48 -1.43	56.59 2.11 -6.57	60.88 3.07 -15.20	55.45 2.49 -15.95	52.07 3.34 -2.36	70.72 4.55 -2.09	58.52 2.99 -6.90	49.89 2.23 0.00	43.45 2.14 -0.10	56.56 2.27 -0.23	63.54 2.36 -18.34	48.69 2.71 -6.04
PPL_SHRM_GT4 24214	64.09 3.70 -2.58	48.75 2.62 -6.50	38.56 2.47 -0.01	42.34 2.47 0.00	44.91 2.44 0.00	50.31 3.02 0.00	53.46 3.53 -0.01	71.22 4.12 0.00	64.34 3.49 -4.96	66.20 3.76 -4.50	41.70 1.94 -5.24	49.81 2.92 -0.12	240.34 8.48 -1.43	56.59 2.11 -6.57	60.88 3.07 -15.20	55.45 2.49 -15.95	52.07 3.34 -2.36	70.72 4.55 -2.09	58.52 2.99 -6.90	49.89 2.23 0.00	43.45 2.14 -0.10	56.56 2.27 -0.23	63.54 2.36 -18.34	48.69 2.71 -6.04
PROJECT___ORANGE 1 24174	57.31 -0.51 0.00	39.23 -0.41 0.00	35.69 -0.38 0.00	39.44 -0.44 0.00	42.00 -0.48 0.00	46.74 -0.55 0.00	48.98 -0.64 0.30	62.69 -1.35 3.06	53.01 -1.10 1.78	55.72 -1.18 1.04	33.16 -0.72 0.63	45.66 -0.96 0.15	224.96 -5.08 0.39	40.48 -1.10 6.33	35.94 -1.07 5.59	35.56 -1.01 0.43	43.58 -1.16 1.64	61.66 -1.23 1.19	47.45 -0.91 0.28	46.84 -0.82 0.00	40.45 -0.65 0.10	53.34 -0.49 0.23	41.70 -0.66 0.47	39.53 -0.41 0.00
PROJECT___ORANGE 2 24166	57.31 -0.51 0.00	39.23 -0.41 0.00	35.69 -0.38 0.00	39.44 -0.44 0.00	42.00 -0.48 0.00	46.74 -0.55 0.00	48.98 -0.64 0.30	62.69 -1.35 3.06	53.01 -1.10 1.78	55.72 -1.18 1.04	33.16 -0.72 0.63	45.66 -0.96 0.15	224.96 -5.08 0.39	40.48 -1.10 6.33	35.94 -1.07 5.59	35.56 -1.01 0.43	43.58 -1.16 1.64	61.66 -1.23 1.19	47.45 -0.91 0.28	46.84 -0.82 0.00	40.45 -0.65 0.10	53.34 -0.49 0.23	41.70 -0.66 0.47	39.53 -0.41 0.00
PUCKETT___SOLAR 323809	62.79 1.24 -3.74	61.71 0.69 -21.38	36.66 0.58 0.00	40.42 0.55 0.00	43.03 0.56 0.00	48.04 0.76 0.00	53.06 0.98 -2.17	89.92 0.91 -21.91	70.99 0.74 -14.36	68.23 0.70 -9.59	41.24 0.39 -6.33	50.12 0.56 -2.78	280.40 2.06 -47.91	76.17 0.45 -27.81	67.63 0.44 -24.58	40.37 0.31 -3.06	68.83 0.48 -21.97	106.72 0.79 -41.85	51.06 0.84 -1.58	48.62 0.96 0.00	45.13 0.85 -3.07	56.88 1.51 -1.31	46.03 0.55 -2.65	40.59 0.65 0.00
PYRITES___HYD 24023	56.45 -1.37 0.00	38.92 -0.71 0.00	35.61 -0.47 0.00	39.49 -0.38 0.00	42.15 -0.32 0.00	46.90 -0.39 0.00	49.48 -0.44 0.00	65.91 -1.19 0.00	54.41 -1.48 0.00	56.20 -1.74 0.00	33.61 -0.90 0.00	45.51 -1.26 0.00	224.29 -6.14 0.00	46.63 -1.28 0.00	41.32 -1.29 0.00	36.16 -0.84 0.00	45.24 -1.14 0.00	62.54 -1.54 0.00	48.01 -0.64 0.00	47.61 -0.04 0.00	41.41 0.20 0.00	53.49 -0.57 0.00	42.37 -0.46 0.00	39.25 -0.69 0.00
QUAKERRD_115KV_BK1 80622	52.49 -3.07 2.26	24.64 -2.08 12.90	34.18 -1.90 0.00	37.84 -2.04 0.00	40.33 -2.15 0.00	44.98 -2.31 0.00	45.90 -2.68 1.34	49.58 -4.02 13.49	43.68 -3.38 8.83	47.33 -3.82 6.78	28.40 -2.24 3.88	41.97 -3.20 1.61	171.29 -16.64 42.49	31.07 -3.33 13.51	27.68 -2.99 11.94	32.56 -2.56 1.89	30.28 -3.07 13.02	37.71 -3.69 22.68	45.11 -2.86 0.68	44.83 -2.83 0.00	36.98 -2.23 2.00	51.35 -2.15 0.56	39.39 -2.31 1.13	38.22 -1.72 0.00
QUENSBRY_115KV_TB8 356137	60.96 3.14 0.00	41.54 1.90 0.00	37.95 1.87 0.00	42.08 2.21 0.00	44.84 2.37 0.00	49.97 2.68 0.00	52.69 2.77 0.00	70.21 3.11 0.00	58.74 2.85 0.00	61.03 3.10 0.00	36.39 1.87 0.00	49.10 2.33 0.00	243.31 12.88 0.00	50.56 2.66 0.00	45.11 2.50 0.00	39.25 2.25 0.00	49.25 2.88 0.00	67.60 3.51 0.00	51.14 2.50 0.00	50.37 2.71 0.00	43.17 1.97 0.00	57.19 3.13 0.00	45.07 2.24 0.00	41.77 1.83 0.00
RAMAPO___LBMP 323565	61.03 2.68 -0.54	44.28 1.59 -3.06	37.39 1.31 0.00	41.17 1.29 0.00	43.82 1.34 0.00	49.08 1.79 0.00	52.01 2.09 0.00	69.52 2.43 0.00	57.95 2.06 0.00	60.46 2.52 0.00	35.84 1.33 0.00	49.13 2.24 -0.13	242.12 11.59 -0.10	55.52 2.41 -5.21	49.74 2.53 -4.60	38.93 1.93 0.00	50.26 2.52 -1.37	72.64 3.53 -5.03	51.34 2.40 -0.30	49.68 2.02 0.00	43.35 1.74 -0.40	56.79 2.48 -0.24	45.45 2.11 -0.49	41.88 1.94 0.00



RANKINE____ 23646	49.52 -3.88 4.42	11.79 -2.57 25.27	33.71 -2.37 0.00	37.39 -2.49 0.00	39.84 -2.64 0.00	44.50 -2.79 0.00	44.05 -3.32 2.55	36.73 -4.62 25.74	35.27 -3.97 16.65	40.44 -4.64 12.86	24.70 -2.56 7.25	40.13 -3.77 2.88	129.69 -20.63 80.11	22.48 -3.94 21.49	20.27 -3.35 18.99	30.55 -2.87 3.58	17.76 -3.47 25.13	16.21 -4.38 43.49	43.80 -3.71 1.13	42.09 -3.98 1.59	27.46 -3.01 10.74	37.31 -1.96 14.80	36.77 -3.07 3.00	37.93 -2.01 0.00
RAVENSWOOD_GT2_1 24244	60.94 3.13 0.00	41.54 1.91 0.00	37.76 1.68 0.00	41.55 1.68 0.00	44.23 1.76 0.00	49.55 2.26 0.00	52.51 2.59 0.00	70.19 3.09 0.00	58.54 2.65 0.00	61.06 3.13 0.00	35.95 1.44 0.00	49.68 2.79 -0.12	244.77 14.24 -0.09	55.71 2.95 -4.85	49.97 3.07 -4.29	39.27 2.26 0.00	49.24 2.87 0.00	69.37 4.11 -1.18	51.80 2.88 -0.27	50.09 2.43 0.00	43.35 2.04 -0.10	57.14 2.85 -0.23	45.81 2.52 -0.46	42.25 2.31 0.00
RAVENSWOOD_GT2_2 24245	60.94 3.13 0.00	41.54 1.91 0.00	37.76 1.68 0.00	41.55 1.68 0.00	44.23 1.76 0.00	49.55 2.26 0.00	52.51 2.59 0.00	70.19 3.09 0.00	58.54 2.65 0.00	61.06 3.13 0.00	35.95 1.44 0.00	49.68 2.79 -0.12	244.77 14.24 -0.09	55.71 2.95 -4.85	49.97 3.07 -4.29	39.27 2.26 0.00	49.24 2.87 0.00	69.37 4.11 -1.18	51.80 2.88 -0.27	50.09 2.43 0.00	43.35 2.04 -0.10	57.14 2.85 -0.23	45.81 2.52 -0.46	42.25 2.31 0.00
RAVENSWOOD_GT2_3 24246	60.96 3.15 0.00	41.55 1.91 0.00	37.77 1.69 0.00	41.57 1.70 0.00	44.24 1.77 0.00	49.56 2.27 0.00	52.54 2.62 0.00	70.20 3.10 0.00	58.57 2.67 0.00	61.08 3.14 0.00	35.97 1.46 0.00	49.70 2.81 -0.12	244.79 14.27 -0.09	55.74 2.98 -4.85	49.98 3.08 -4.29	39.29 2.29 0.00	49.26 2.89 0.00	69.42 4.16 -1.18	51.82 2.90 -0.27	50.11 2.45 0.00	43.36 2.06 -0.10	57.16 2.87 -0.23	45.83 2.53 -0.46	42.25 2.31 0.00
RAVENSWOOD_GT2_4 24247	60.96 3.15 0.00	41.55 1.91 0.00	37.77 1.69 0.00	41.57 1.70 0.00	44.24 1.77 0.00	49.56 2.27 0.00	52.54 2.62 0.00	70.20 3.10 0.00	58.57 2.67 0.00	61.08 3.14 0.00	35.97 1.46 0.00	49.70 2.81 -0.12	244.79 14.27 -0.09	55.74 2.98 -4.85	49.98 3.08 -4.29	39.29 2.29 0.00	49.26 2.89 0.00	69.42 4.16 -1.18	51.82 2.90 -0.27	50.11 2.45 0.00	43.36 2.06 -0.10	57.16 2.87 -0.23	45.83 2.53 -0.46	42.25 2.31 0.00
RAVENSWOOD_GT3_1 24248	60.93 3.12 0.00	41.51 1.88 0.00	37.76 1.68 0.00	41.55 1.67 0.00	44.22 1.74 0.00	49.53 2.24 0.00	52.51 2.59 0.00	70.18 3.07 0.00	58.54 2.65 0.00	61.05 3.12 0.00	35.99 1.48 0.00	49.67 2.78 -0.12	244.63 14.10 -0.09	55.71 2.95 -4.85	49.96 3.06 -4.29	39.29 2.28 0.00	49.26 2.89 0.00	69.37 4.11 -1.18	51.80 2.88 -0.27	50.09 2.43 0.00	43.36 2.05 -0.10	57.14 2.85 -0.23	45.81 2.51 -0.46	42.24 2.30 0.00
RAVENSWOOD_GT3_2 24249	60.93 3.12 0.00	41.51 1.88 0.00	37.76 1.68 0.00	41.55 1.67 0.00	44.22 1.74 0.00	49.53 2.24 0.00	52.51 2.59 0.00	70.18 3.07 0.00	58.54 2.65 0.00	61.05 3.12 0.00	35.99 1.48 0.00	49.67 2.78 -0.12	244.63 14.10 -0.09	55.71 2.95 -4.85	49.96 3.06 -4.29	39.29 2.28 0.00	49.26 2.89 0.00	69.37 4.11 -1.18	51.80 2.88 -0.27	50.09 2.43 0.00	43.36 2.05 -0.10	57.14 2.85 -0.23	45.81 2.51 -0.46	42.24 2.30 0.00
RAVENSWOOD_GT3_3 24250	61.00 3.19 0.00	41.58 1.95 0.00	37.80 1.72 0.00	41.60 1.73 0.00	44.28 1.80 0.00	49.60 2.31 0.00	52.57 2.65 0.00	70.27 3.17 0.00	58.62 2.72 0.00	61.13 3.20 0.00	36.04 1.53 0.00	49.75 2.86 -0.12	245.03 14.50 -0.09	55.79 3.03 -4.85	50.03 3.13 -4.29	39.34 2.34 0.00	49.33 2.95 0.00	69.49 4.23 -1.18	51.87 2.95 -0.27	50.16 2.50 0.00	43.43 2.12 -0.10	57.24 2.95 -0.23	45.87 2.57 -0.46	42.29 2.35 0.00
RAVENSWOOD_GT3_4 24251	61.00 3.19 0.00	41.58 1.95 0.00	37.80 1.72 0.00	41.60 1.73 0.00	44.28 1.80 0.00	49.60 2.31 0.00	52.57 2.65 0.00	70.27 3.17 0.00	58.62 2.72 0.00	61.13 3.20 0.00	36.04 1.53 0.00	49.75 2.86 -0.12	245.03 14.50 -0.09	55.79 3.03 -4.85	50.03 3.13 -4.29	39.34 2.34 0.00	49.33 2.95 0.00	69.49 4.23 -1.18	51.87 2.95 -0.27	50.16 2.50 0.00	43.43 2.12 -0.10	57.24 2.95 -0.23	45.87 2.57 -0.46	42.29 2.35 0.00
RAVENSWOOD_GT_1 23729	60.87 3.05 0.00	41.49 1.86 0.00	37.73 1.65 0.00	41.52 1.65 0.00	44.20 1.72 0.00	49.51 2.22 0.00	52.48 2.56 0.00	70.12 3.02 0.00	58.46 2.57 0.00	60.97 3.03 0.00	35.97 1.45 0.00	49.64 2.75 -0.12	244.60 14.07 -0.09	55.69 2.93 -4.85	49.94 3.04 -4.29	39.26 2.26 0.00	49.21 2.84 0.00	69.33 4.06 -1.18	51.73 2.81 -0.27	50.00 2.34 0.00	43.29 1.98 -0.10	57.06 2.77 -0.23	45.77 2.48 -0.46	42.21 2.27 0.00
RAVENSWOOD_GT_10 24258	60.95 3.14 0.00	41.54 1.91 0.00	37.76 1.68 0.00	41.56 1.69 0.00	44.23 1.76 0.00	49.55 2.26 0.00	52.51 2.60 0.00	70.19 3.09 0.00	58.56 2.67 0.00	61.06 3.13 0.00	35.96 1.45 0.00	49.68 2.79 -0.12	244.77 14.24 -0.09	55.72 2.96 -4.85	49.97 3.07 -4.29	39.27 2.26 0.00	49.24 2.87 0.00	69.37 4.11 -1.18	51.80 2.89 -0.27	50.09 2.43 0.00	43.36 2.05 -0.10	57.15 2.86 -0.23	45.81 2.52 -0.46	42.25 2.31 0.00
RAVENSWOOD_GT_11 24259	60.95 3.14 0.00	41.54 1.91 0.00	37.76 1.68 0.00	41.56 1.69 0.00	44.23 1.76 0.00	49.55 2.26 0.00	52.51 2.60 0.00	70.19 3.09 0.00	58.56 2.67 0.00	61.06 3.13 0.00	35.96 1.45 0.00	49.68 2.79 -0.12	244.77 14.24 -0.09	55.72 2.96 -4.85	49.97 3.07 -4.29	39.27 2.26 0.00	49.24 2.87 0.00	69.37 4.11 -1.18	51.80 2.89 -0.27	50.09 2.43 0.00	43.36 2.05 -0.10	57.15 2.86 -0.23	45.81 2.52 -0.46	42.25 2.31 0.00
RAVENSWOOD_GT_4 24252	60.88 3.07 0.00	41.50 1.87 0.00	37.73 1.64 0.00	41.52 1.65 0.00	44.20 1.72 0.00	49.51 2.22 0.00	52.47 2.55 0.00	70.13 3.03 0.00	58.49 2.60 0.00	61.00 3.07 0.00	35.96 1.45 0.00	49.64 2.75 -0.12	244.57 14.04 -0.09	55.69 2.93 -4.85	49.94 3.04 -4.29	39.26 2.26 0.00	49.22 2.85 0.00	69.34 4.07 -1.18	51.76 2.84 -0.27	50.04 2.39 0.00	43.32 2.02 -0.10	57.10 2.81 -0.23	45.77 2.48 -0.46	42.22 2.27 0.00
RAVENSWOOD_GT_5 24254	60.88 3.07 0.00	41.50 1.87 0.00	37.73 1.64 0.00	41.52 1.65 0.00	44.20 1.72 0.00	49.51 2.22 0.00	52.47 2.55 0.00	70.13 3.03 0.00	58.49 2.60 0.00	61.00 3.07 0.00	35.96 1.45 0.00	49.64 2.75 -0.12	244.57 14.04 -0.09	55.69 2.93 -4.85	49.94 3.04 -4.29	39.26 2.26 0.00	49.22 2.85 0.00	69.34 4.07 -1.18	51.76 2.84 -0.27	50.04 2.39 0.00	43.32 2.02 -0.10	57.10 2.81 -0.23	45.77 2.48 -0.46	42.22 2.27 0.00
RAVENSWOOD_GT_6 24253	60.88 3.07 0.00	41.50 1.87 0.00	37.73 1.64 0.00	41.52 1.65 0.00	44.20 1.72 0.00	49.51 2.22 0.00	52.47 2.55 0.00	70.13 3.03 0.00	58.49 2.60 0.00	61.00 3.07 0.00	35.96 1.45 0.00	49.64 2.75 -0.12	244.57 14.04 -0.09	55.69 2.93 -4.85	49.94 3.04 -4.29	39.26 2.26 0.00	49.22 2.85 0.00	69.34 4.07 -1.18	51.76 2.84 -0.27	50.04 2.39 0.00	43.32 2.02 -0.10	57.10 2.81 -0.23	45.77 2.48 -0.46	42.22 2.27 0.00

RAVENSWOOD_GT_7 24255	60.88 3.07 0.00	41.50 1.87 0.00	37.73 1.64 0.00	41.52 1.65 0.00	44.20 1.72 0.00	49.51 2.22 0.00	52.47 2.55 0.00	70.13 3.03 0.00	58.49 2.60 0.00	61.00 3.07 0.00	35.96 1.45 0.00	49.64 2.75 -0.12	244.57 14.04 -0.09	55.69 2.93 -4.85	49.94 3.04 -4.29	39.26 2.26 0.00	49.22 2.85 0.00	69.34 4.07 -1.18	51.76 2.84 -0.27	50.04 2.39 0.00	43.32 2.02 -0.10	57.10 2.81 -0.23	45.77 2.48 -0.46	42.22 2.27 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	60.95 3.14 0.00	41.54 1.91 0.00	37.76 1.68 0.00	41.56 1.69 0.00	44.23 1.76 0.00	49.55 2.26 0.00	52.51 2.60 0.00	70.19 3.09 0.00	58.56 2.67 0.00	61.06 3.13 0.00	35.96 1.45 0.00	49.68 2.79 -0.12	244.77 14.24 -0.09	55.72 2.96 -4.85	49.97 3.07 -4.29	39.27 2.26 0.00	49.24 2.87 0.00	69.37 4.11 -1.18	51.80 2.89 -0.27	50.09 2.43 0.00	43.36 2.05 -0.10	57.15 2.86 -0.23	45.81 2.52 -0.46	42.25 2.31 0.00
RAVENSWOOD_GT_9 24257	60.95 3.14 0.00	41.54 1.91 0.00	37.76 1.68 0.00	41.56 1.69 0.00	44.23 1.76 0.00	49.55 2.26 0.00	52.51 2.60 0.00	70.19 3.09 0.00	58.56 2.67 0.00	61.06 3.13 0.00	35.96 1.45 0.00	49.68 2.79 -0.12	244.77 14.24 -0.09	55.72 2.96 -4.85	49.97 3.07 -4.29	39.27 2.26 0.00	49.24 2.87 0.00	69.37 4.11 -1.18	51.80 2.89 -0.27	50.09 2.43 0.00	43.36 2.05 -0.10	57.15 2.86 -0.23	45.81 2.52 -0.46	42.25 2.31 0.00
RAVENSWOOD___1 23533	60.83 3.01 0.00	41.47 1.83 0.00	37.70 1.62 0.00	41.51 1.63 0.00	44.17 1.70 0.00	49.50 2.21 0.00	52.45 2.53 0.00	70.14 3.04 0.00	58.45 2.56 0.00	60.95 3.02 0.00	35.95 1.44 0.00	49.61 2.72 -0.12	244.40 13.87 -0.09	55.69 2.93 -4.85	49.94 3.04 -4.29	39.24 2.24 0.00	49.24 2.86 0.00	69.40 4.14 -1.18	51.71 2.79 -0.27	49.98 2.32 0.00	43.28 1.97 -0.10	57.05 2.76 -0.23	45.74 2.44 -0.46	42.18 2.24 0.00
RAVENSWOOD___2 23534	60.79 2.98 0.00	41.45 1.82 0.00	37.68 1.60 0.00	41.48 1.60 0.00	44.15 1.67 0.00	49.47 2.18 0.00	52.42 2.50 0.00	70.09 2.99 0.00	58.42 2.53 0.00	60.92 2.98 0.00	35.94 1.43 0.00	49.58 2.69 -0.12	244.20 13.68 -0.09	55.67 2.91 -4.85	49.90 3.00 -4.29	39.22 2.22 0.00	49.20 2.83 0.00	69.37 4.11 -1.18	51.69 2.77 -0.27	49.96 2.30 0.00	43.26 1.95 -0.10	57.01 2.72 -0.23	45.71 2.42 -0.46	42.16 2.22 0.00
RAVENSWOOD___3 23535	60.94 3.13 0.00	41.55 1.91 0.00	37.76 1.68 0.00	41.55 1.68 0.00	44.23 1.76 0.00	49.55 2.26 0.00	52.51 2.59 0.00	70.23 3.13 0.00	58.57 2.68 0.00	61.05 3.11 0.00	35.97 1.46 0.00	49.67 2.78 -0.12	244.62 14.10 -0.09	55.75 2.99 -4.85	49.98 3.08 -4.29	39.28 2.27 0.00	49.28 2.90 0.00	69.46 4.20 -1.18	51.80 2.88 -0.27	50.09 2.43 0.00	43.35 2.05 -0.10	57.12 2.84 -0.23	45.81 2.52 -0.46	42.24 2.30 0.00
RAVENSWOOD___4 23820	60.79 2.98 0.00	41.45 1.82 0.00	37.68 1.60 0.00	41.48 1.60 0.00	44.15 1.67 0.00	49.47 2.18 0.00	52.42 2.50 0.00	70.09 2.99 0.00	58.42 2.53 0.00	60.92 2.98 0.00	35.94 1.43 0.00	49.58 2.69 -0.12	244.20 13.68 -0.09	55.67 2.91 -4.85	49.90 3.00 -4.29	39.22 2.22 0.00	49.20 2.83 0.00	69.37 4.11 -1.18	51.69 2.77 -0.27	49.96 2.30 0.00	43.26 1.95 -0.10	57.01 2.72 -0.23	45.71 2.42 -0.46	42.16 2.22 0.00
RCPL_TRUST___DRP 24196	60.98 3.17 0.00	41.55 1.92 0.00	37.79 1.71 0.00	41.58 1.71 0.00	44.25 1.77 0.00	49.58 2.29 0.00	52.56 2.64 0.00	70.24 3.14 0.00	58.59 2.70 0.00	61.09 3.15 0.00	36.03 1.52 0.00	49.71 2.82 -0.12	245.02 14.50 -0.09	55.75 2.99 -4.85	50.00 3.10 -4.29	39.38 2.37 0.00	49.65 3.27 0.00	69.88 4.62 -1.18	52.17 3.25 -0.27	50.48 2.81 0.00	43.69 2.38 -0.10	57.61 3.32 -0.23	46.14 2.84 -0.46	42.54 2.60 0.00
RED___ROCHESTER 323720	53.41 -1.90 2.51	23.97 -1.30 14.36	34.92 -1.17 0.00	38.66 -1.21 0.00	41.21 -1.27 0.00	45.99 -1.30 0.00	46.76 -1.68 1.48	49.45 -2.72 14.93	43.81 -2.33 9.75	47.65 -2.77 7.51	28.69 -1.55 4.28	42.73 -2.29 1.75	171.17 -12.30 46.95	31.09 -2.46 14.35	27.76 -2.17 12.68	33.12 -1.80 2.09	29.70 -2.21 14.45	36.61 -2.38 25.09	46.11 -1.81 0.72	45.85 -1.81 0.00	37.71 -1.27 2.22	52.74 -0.72 0.60	40.25 -1.37 1.21	39.17 -0.77 0.00
REGAN___SOLAR 323812	61.02 3.21 0.00	41.75 2.12 0.00	37.95 1.87 0.00	41.90 2.02 0.00	44.60 2.13 0.00	49.69 2.41 0.00	52.87 2.63 -0.32	73.90 3.55 -3.26	60.89 3.11 -1.89	62.13 3.09 -1.10	37.03 1.85 -0.66	49.26 2.36 -0.12	240.63 9.82 -0.38	54.92 2.08 -4.93	48.84 1.87 -4.36	39.30 1.84 -0.45	52.22 2.57 -3.27	73.21 3.53 -5.60	51.46 2.53 -0.28	50.57 2.91 0.00	44.08 2.44 -0.43	57.52 3.23 -0.23	45.59 2.29 -0.47	42.02 2.08 0.00
RENSSELAER___COGEN 23796	58.89 1.08 0.00	40.45 0.82 0.00	36.83 0.75 0.00	40.62 0.74 0.00	43.23 0.75 0.00	48.12 0.83 0.00	50.88 0.96 0.00	68.29 1.19 0.00	56.93 1.04 0.00	59.11 1.18 0.00	35.23 0.71 0.00	47.62 0.84 0.00	234.45 4.02 0.00	48.94 1.04 0.00	43.63 1.02 0.00	37.87 0.87 0.00	47.47 1.09 0.00	66.21 1.26 -0.87	49.66 0.81 -0.20	48.38 0.72 0.00	41.81 0.53 -0.07	55.48 1.25 -0.17	44.13 0.96 -0.34	40.63 0.69 0.00
REPUBLIC_115KV_BARTNBRK 55605	62.41 4.59 0.00	42.18 2.54 0.00	38.77 2.69 0.00	43.27 3.40 0.00	46.11 3.63 0.00	51.42 4.13 0.00	53.98 4.06 0.00	71.22 4.12 0.00	59.49 3.60 0.00	61.69 3.76 0.00	36.98 2.47 0.00	49.74 2.96 0.00	249.85 19.42 0.00	51.98 4.08 0.00	46.27 3.66 0.00	40.31 3.30 0.00	50.68 4.31 0.00	69.01 4.92 0.00	52.32 3.68 0.00	51.95 4.29 0.00	43.99 2.79 0.00	58.56 4.50 0.00	45.97 3.13 0.00	42.54 2.60 0.00
REVERE_CPPR_DRP 24186	59.03 1.22 0.00	40.34 0.71 0.00	36.66 0.58 0.00	40.55 0.68 0.00	43.28 0.80 0.00	48.16 0.87 0.00	50.77 0.85 0.00	67.66 0.56 0.00	56.31 0.42 0.00	58.55 0.61 0.00	34.80 0.29 0.00	47.20 0.43 0.00	233.66 3.23 0.00	48.33 0.43 0.00	42.93 0.32 0.00	37.30 0.30 0.00	46.74 0.37 0.00	64.46 0.37 0.00	49.40 0.76 0.00	48.74 1.08 0.00	42.19 0.98 0.00	55.17 1.11 0.00	43.46 0.62 0.00	40.58 0.63 0.00
REYNLDDPA_13_KV_LD 356490	57.09 -0.73 0.00	39.44 -0.19 0.00	36.04 -0.04 0.00	39.99 0.12 0.00	42.65 0.17 0.00	47.39 0.10 0.00	49.88 -0.04 0.00	66.88 -0.21 0.00	55.61 -0.28 0.00	57.42 -0.52 0.00	34.39 -0.12 0.00	46.69 -0.09 0.00	229.66 -0.77 0.00	47.74 -0.16 0.00	42.45 -0.16 0.00	37.02 0.02 0.00	46.45 0.08 0.00	63.96 -0.12 0.00	48.80 0.15 0.00	47.94 0.28 0.00	41.61 0.41 0.00	53.86 -0.20 0.00	42.80 -0.03 0.00	39.76 -0.18 0.00
REYNOLDS_115KV_TB3 80639	59.42 1.61 0.00	40.74 1.11 0.00	37.11 1.03 0.00	40.95 1.07 0.00	43.59 1.12 0.00	48.54 1.25 0.00	51.29 1.37 0.00	68.79 1.69 0.00	57.32 1.44 0.00	59.54 1.61 0.00	35.48 0.97 0.00	47.96 1.19 0.00	236.26 5.82 0.00	49.26 1.36 0.00	43.91 1.30 0.00	38.13 1.13 0.00	47.81 1.44 0.00	66.70 1.75 -0.87	50.03 1.17 -0.20	48.76 1.10 0.00	42.09 0.81 -0.07	55.90 1.67 -0.17	44.47 1.30 -0.34	40.89 0.95 0.00

RIVERBAY____ 323610	62.26 4.44 0.00	42.37 2.74 0.00	38.66 2.58 0.00	42.58 2.71 0.00	45.37 2.90 0.00	50.88 3.59 0.00	53.97 4.05 0.00	72.15 5.05 0.00	60.02 4.12 0.00	62.46 4.53 0.00	36.79 2.27 0.00	50.68 3.79 -0.12	249.46 18.93 -0.09	56.75 3.99 -4.85	50.92 4.01 -4.29	40.12 3.11 0.00	50.26 3.88 0.00	70.90 5.64 -1.18	52.80 3.88 -0.27	50.92 3.26 0.00	44.10 2.80 -0.10	58.26 3.97 -0.23	46.61 3.31 -0.46	43.07 3.13 0.00
RIVERSIDE_115KV_TB3 55908	59.18 1.36 0.00	40.60 0.96 0.00	36.98 0.90 0.00	40.79 0.92 0.00	43.41 0.94 0.00	48.33 1.04 0.00	51.09 1.17 0.00	68.53 1.43 0.00	57.15 1.26 0.00	59.34 1.41 0.00	35.37 0.86 0.00	47.82 1.04 0.00	235.59 5.16 0.00	49.13 1.22 0.00	43.80 1.19 0.00	38.02 1.02 0.00	47.66 1.28 0.00	66.45 1.50 -0.87	49.87 1.02 -0.20	48.60 0.94 0.00	41.98 0.70 -0.07	55.71 1.48 -0.17	44.31 1.14 -0.34	40.78 0.84 0.00
ROARING____BROOK_WT_PWR 323790	57.35 -0.47 0.00	39.11 -0.53 0.00	35.57 -0.51 0.00	39.43 -0.44 0.00	42.01 -0.46 0.00	46.62 -0.67 0.00	49.26 -0.66 0.00	66.28 -0.82 0.00	55.28 -0.61 0.00	57.39 -0.55 0.00	34.27 -0.24 0.00	46.47 -0.31 0.00	228.87 -1.56 0.00	47.58 -0.32 0.00	42.37 -0.24 0.00	36.84 -0.16 0.00	46.07 -0.30 0.00	63.60 -0.48 0.00	48.33 -0.31 0.00	47.37 -0.29 0.00	40.79 -0.41 0.00	52.89 -1.17 0.00	41.93 -0.90 0.00	39.14 -0.80 0.00
ROCHESRG_115KV_T4 355643	52.86 -2.48 2.47	23.84 -1.66 14.13	34.58 -1.50 0.00	38.28 -1.60 0.00	40.82 -1.66 0.00	45.53 -1.75 0.00	46.29 -2.17 1.46	49.12 -3.27 14.71	43.50 -2.79 9.60	47.28 -3.27 7.39	28.44 -1.86 4.21	42.31 -2.74 1.72	169.73 -14.56 46.14	30.92 -2.83 14.16	27.59 -2.51 12.51	32.84 -2.11 2.06	29.60 -2.54 14.23	36.44 -2.95 24.69	45.58 -2.36 0.71	45.28 -2.38 0.00	37.23 -1.80 2.19	52.09 -1.38 0.59	39.81 -1.83 1.19	38.75 -1.19 0.00
ROCHESTER_9_IC 23652	53.18 -2.12 2.51	23.84 -1.42 14.37	34.79 -1.29 0.00	38.52 -1.36 0.00	41.05 -1.42 0.00	45.82 -1.47 0.00	46.56 -1.87 1.48	49.28 -2.88 14.94	43.66 -2.47 9.76	47.46 -2.96 7.51	28.56 -1.68 4.28	42.54 -2.48 1.75	170.21 -13.22 47.00	30.97 -2.58 14.36	27.62 -2.30 12.69	32.99 -1.92 2.09	29.62 -2.29 14.47	36.44 -2.53 25.11	45.90 -2.02 0.72	45.62 -2.04 0.00	37.50 -1.49 2.22	52.46 -1.00 0.60	40.07 -1.55 1.21	39.00 -0.94 0.00
ROCKVIEW_13_KV_LD 356306	61.00 3.18 0.00	41.58 1.94 0.00	37.79 1.71 0.00	41.58 1.70 0.00	44.24 1.77 0.00	49.54 2.25 0.00	52.51 2.59 0.00	70.23 3.13 0.00	58.60 2.71 0.00	61.14 3.20 0.00	36.16 1.65 0.00	49.72 2.83 -0.12	244.74 14.22 -0.09	55.75 2.99 -4.85	50.01 3.11 -4.29	39.39 2.39 0.00	49.41 3.04 0.00	69.54 4.28 -1.18	51.90 2.98 -0.27	50.22 2.56 0.00	43.47 2.16 -0.10	57.36 3.07 -0.23	45.89 2.59 -0.46	42.33 2.39 0.00
ROME____115KV_TB2 80656	59.03 1.22 0.00	40.34 0.71 0.00	36.66 0.58 0.00	40.55 0.68 0.00	43.28 0.80 0.00	48.16 0.87 0.00	50.77 0.85 0.00	67.66 0.56 0.00	56.31 0.42 0.00	58.55 0.61 0.00	34.80 0.29 0.00	47.20 0.43 0.00	233.66 3.23 0.00	48.33 0.43 0.00	42.93 0.32 0.00	37.30 0.30 0.00	46.74 0.37 0.00	64.46 0.37 0.00	49.40 0.76 0.00	48.74 1.08 0.00	42.19 0.98 0.00	55.17 1.11 0.00	43.46 0.62 0.00	40.58 0.63 0.00
ROSETON____1 23587	60.31 2.50 0.00	41.15 1.52 0.00	37.39 1.31 0.00	41.19 1.31 0.00	43.84 1.37 0.00	49.04 1.75 0.00	51.94 2.02 0.00	69.50 2.40 0.00	57.95 2.07 0.00	60.35 2.41 0.00	35.80 1.29 0.00	49.01 2.12 -0.12	241.29 10.77 -0.10	55.06 2.27 -4.89	49.30 2.38 -4.32	38.83 1.83 0.00	48.75 2.38 0.00	68.63 3.36 -1.19	51.19 2.27 -0.28	49.61 1.95 0.00	42.93 1.62 -0.10	56.67 2.38 -0.23	45.31 2.02 -0.46	41.76 1.82 0.00
ROSETON____2 23588	60.31 2.50 0.00	41.15 1.52 0.00	37.39 1.31 0.00	41.19 1.31 0.00	43.84 1.37 0.00	49.04 1.75 0.00	51.94 2.02 0.00	69.50 2.40 0.00	57.95 2.07 0.00	60.35 2.41 0.00	35.80 1.29 0.00	49.01 2.12 -0.12	241.29 10.77 -0.10	55.06 2.27 -4.89	49.30 2.38 -4.32	38.83 1.83 0.00	48.75 2.38 0.00	68.63 3.36 -1.19	51.19 2.27 -0.28	49.61 1.95 0.00	42.93 1.62 -0.10	56.67 2.38 -0.23	45.31 2.02 -0.46	41.76 1.82 0.00
ROTTDRAM_115KV_TB3 80664	59.50 1.68 0.00	40.73 1.10 0.00	37.08 0.99 0.00	40.95 1.07 0.00	43.61 1.14 0.00	48.57 1.28 0.00	51.31 1.39 0.00	68.82 1.72 0.00	57.37 1.48 0.00	59.55 1.62 0.00	35.45 0.94 0.00	48.04 1.26 0.00	236.56 6.13 0.00	49.23 1.32 0.00	43.88 1.27 0.00	38.12 1.11 0.00	47.81 1.44 0.00	65.93 1.85 0.00	49.89 1.25 0.00	48.92 1.26 0.00	42.20 1.00 0.00	55.72 1.66 0.00	44.08 1.25 0.00	40.98 1.04 0.00
RUSSELL____1 23602	53.42 -1.89 2.51	24.00 -1.28 14.36	34.92 -1.17 0.00	38.66 -1.21 0.00	41.21 -1.27 0.00	45.99 -1.30 0.00	46.76 -1.68 1.48	49.54 -2.64 14.93	43.87 -2.27 9.75	47.69 -2.74 7.51	28.69 -1.55 4.28	42.73 -2.30 1.75	171.00 -12.48 46.95	31.15 -2.41 14.35	27.79 -2.14 12.68	33.14 -1.78 2.09	29.81 -2.10 14.45	36.73 -2.26 25.09	46.12 -1.80 0.72	45.84 -1.82 0.00	37.70 -1.29 2.22	52.72 -0.74 0.60	40.25 -1.37 1.21	39.16 -0.78 0.00
RUSSELL____2 23532	53.42 -1.89 2.51	24.00 -1.28 14.36	34.92 -1.17 0.00	38.66 -1.21 0.00	41.21 -1.27 0.00	45.99 -1.30 0.00	46.76 -1.68 1.48	49.54 -2.64 14.93	43.87 -2.27 9.75	47.69 -2.74 7.51	28.69 -1.55 4.28	42.73 -2.30 1.75	171.00 -12.48 46.95	31.15 -2.41 14.35	27.79 -2.14 12.68	33.14 -1.78 2.09	29.81 -2.10 14.45	36.73 -2.26 25.09	46.12 -1.80 0.72	45.84 -1.82 0.00	37.70 -1.29 2.22	52.72 -0.74 0.60	40.25 -1.37 1.21	39.16 -0.78 0.00
RUSSELL____3 23549	53.42 -1.89 2.51	24.00 -1.28 14.36	34.92 -1.17 0.00	38.66 -1.21 0.00	41.21 -1.27 0.00	45.99 -1.30 0.00	46.76 -1.68 1.48	49.54 -2.64 14.93	43.87 -2.27 9.75	47.69 -2.74 7.51	28.69 -1.55 4.28	42.73 -2.30 1.75	171.00 -12.48 46.95	31.15 -2.41 14.35	27.79 -2.14 12.68	33.14 -1.78 2.09	29.81 -2.10 14.45	36.73 -2.26 25.09	46.12 -1.80 0.72	45.84 -1.82 0.00	37.70 -1.29 2.22	52.72 -0.74 0.60	40.25 -1.37 1.21	39.16 -0.78 0.00
RUSSELL____4 23556	53.42 -1.89 2.51	24.00 -1.28 14.36	34.92 -1.17 0.00	38.66 -1.21 0.00	41.21 -1.27 0.00	45.99 -1.30 0.00	46.76 -1.68 1.48	49.54 -2.64 14.93	43.87 -2.27 9.75	47.69 -2.74 7.51	28.69 -1.55 4.28	42.73 -2.30 1.75	171.00 -12.48 46.95	31.15 -2.41 14.35	27.79 -2.14 12.68	33.14 -1.78 2.09	29.81 -2.10 14.45	36.73 -2.26 25.09	46.12 -1.80 0.72	45.84 -1.82 0.00	37.70 -1.29 2.22	52.72 -0.74 0.60	40.25 -1.37 1.21	39.16 -0.78 0.00
RUSSELL____STATION 23914	53.42 -1.89 2.51	24.00 -1.28 14.36	34.92 -1.17 0.00	38.66 -1.21 0.00	41.21 -1.27 0.00	45.99 -1.30 0.00	46.76 -1.68 1.48	49.54 -2.64 14.93	43.87 -2.27 9.75	47.69 -2.74 7.51	28.69 -1.55 4.28	42.73 -2.30 1.75	171.00 -12.48 46.95	31.15 -2.41 14.35	27.79 -2.14 12.68	33.14 -1.78 2.09	29.81 -2.10 14.45	36.73 -2.26 25.09	46.12 -1.80 0.72	45.84 -1.82 0.00	37.70 -1.29 2.22	52.72 -0.74 0.60	40.25 -1.37 1.21	39.16 -0.78 0.00

S SALMON___HYD 24043	56.41 -1.41 0.00	38.54 -1.09 0.00	35.09 -0.99 0.00	38.82 -1.06 0.00	41.39 -1.08 0.00	45.99 -1.30 0.00	48.44 -1.48 0.00	64.37 -2.73 0.00	53.54 -2.35 0.00	55.60 -2.33 0.00	33.19 -1.32 0.00	44.88 -1.76 0.13	221.47 -8.85 0.11	40.38 -2.07 5.46	35.86 -1.93 4.82	35.40 -1.60 0.00	44.36 -2.01 0.00	60.62 -2.45 1.01	46.60 -1.81 0.24	46.15 -1.51 0.00	39.82 -1.30 0.09	52.10 -1.77 0.20	40.94 -1.49 0.40	38.85 -1.10 0.00
S.PERRY___115KV_TB1 80734	52.35 -0.57 4.90	11.02 -0.58 28.03	35.55 -0.53 0.00	39.39 -0.49 0.00	42.02 -0.46 0.00	46.87 -0.42 0.00	46.08 -1.03 2.81	36.87 -1.83 28.41	35.50 -1.69 18.70	40.66 -2.35 14.93	24.88 -1.36 8.28	41.41 -2.02 3.34	120.19 -11.78 98.46	20.57 -2.58 24.76	18.54 -2.18 21.88	31.01 -2.01 3.98	16.00 -2.55 27.82	12.28 -2.95 48.86	45.41 -1.93 1.31	51.41 -1.70 -5.45	59.46 -0.87 -19.12	100.96 0.29 -46.61	43.39 -1.03 -1.59	39.42 -0.52 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	49.40 -4.31 4.11	13.29 -2.83 23.52	33.48 -2.60 0.00	37.12 -2.75 0.00	39.59 -2.88 0.00	44.21 -3.08 0.00	43.88 -3.66 2.38	38.05 -5.06 23.99	36.01 -4.33 15.55	40.92 -5.02 11.99	24.97 -2.76 6.78	39.97 -4.10 2.70	133.59 -22.15 74.68	23.40 -4.18 20.33	21.08 -3.56 17.96	30.63 -3.03 3.34	19.27 -3.69 23.41	18.89 -4.68 40.52	43.60 -3.98 1.07	41.92 -4.22 1.52	27.83 -3.20 10.17	37.59 -2.33 14.14	36.78 -3.22 2.84	37.78 -2.16 0.00
SAWYER___23_KV_LOAD 55526	49.40 -4.31 4.11	13.29 -2.83 23.52	33.48 -2.60 0.00	37.12 -2.75 0.00	39.59 -2.88 0.00	44.21 -3.08 0.00	43.88 -3.66 2.38	38.05 -5.06 23.99	36.01 -4.33 15.55	40.92 -5.02 11.99	24.97 -2.76 6.78	39.97 -4.10 2.70	133.59 -22.15 74.68	23.40 -4.18 20.33	21.08 -3.56 17.96	30.63 -3.03 3.34	19.27 -3.69 23.41	18.89 -4.68 40.52	43.60 -3.98 1.07	41.92 -4.22 1.52	27.83 -3.20 10.17	37.59 -2.33 14.14	36.78 -3.22 2.84	37.78 -2.16 0.00
SELKIRK___I 23801	59.38 1.57 0.00	40.76 1.12 0.00	37.11 1.03 0.00	40.94 1.06 0.00	43.59 1.12 0.00	48.53 1.25 0.00	51.29 1.37 0.00	68.81 1.71 0.00	57.35 1.46 0.00	59.52 1.58 0.00	35.43 0.92 0.00	48.02 1.16 -0.09	236.02 5.52 -0.07	52.81 1.26 -3.64	47.11 1.28 -3.22	38.06 1.06 0.00	47.73 1.36 0.00	66.68 1.71 -0.88	49.96 1.11 -0.21	48.74 1.08 0.00	42.15 0.87 -0.08	55.85 1.62 -0.17	44.43 1.25 -0.35	40.97 1.03 0.00
SELKIRK___II 23799	59.10 1.28 0.00	40.54 0.91 0.00	36.91 0.83 0.00	40.71 0.84 0.00	43.33 0.86 0.00	48.26 0.97 0.00	51.01 1.09 0.00	68.46 1.36 0.00	57.06 1.17 0.00	59.26 1.32 0.00	35.28 0.77 0.00	47.77 1.00 0.00	235.25 4.82 0.00	49.03 1.13 0.00	43.75 1.14 0.00	37.94 0.94 0.00	47.57 1.20 0.00	66.45 1.50 -0.87	49.82 0.97 -0.20	48.54 0.88 0.00	41.96 0.68 -0.07	55.58 1.35 -0.17	44.24 1.07 -0.34	40.78 0.83 0.00
SENECA OSWGO___HYD 24041	56.41 -1.40 0.00	38.63 -1.01 0.00	35.15 -0.93 0.00	38.83 -1.04 0.00	41.34 -1.13 0.00	46.00 -1.29 0.00	48.19 -1.42 0.31	61.60 -2.37 3.13	52.11 -1.96 1.82	54.80 -2.07 1.06	32.61 -1.26 0.64	44.90 -1.73 0.14	221.21 -8.83 0.39	40.03 -1.92 5.96	35.57 -1.78 5.26	34.94 -1.63 0.44	42.72 -1.97 1.67	60.60 -2.38 1.10	46.65 -1.74 0.26	46.06 -1.60 0.00	39.78 -1.33 0.10	52.39 -1.45 0.21	41.05 -1.35 0.43	38.89 -1.05 0.00
SENECA___115KV_TB3 355854	49.55 -3.84 4.42	11.78 -2.58 25.27	33.76 -2.32 0.00	37.44 -2.44 0.00	39.90 -2.57 0.00	44.57 -2.72 0.00	44.11 -3.26 2.55	36.60 -4.75 25.74	35.21 -4.03 16.65	40.45 -4.63 12.86	24.73 -2.53 7.25	40.19 -3.71 2.88	129.92 -20.40 80.11	22.42 -4.00 21.49	20.24 -3.38 18.99	30.56 -2.86 3.58	17.60 -3.64 25.13	15.94 -4.65 43.49	43.86 -3.66 1.13	42.16 -3.92 1.59	27.51 -2.96 10.74	37.41 -1.86 14.80	36.83 -3.01 3.00	38.00 -1.95 0.00
SENECA___ENERGY 23797	54.96 -1.00 1.85	28.24 -0.79 10.61	35.40 -0.68 0.00	39.14 -0.74 0.00	41.72 -0.76 0.00	46.47 -0.81 0.00	47.90 -0.92 1.10	54.13 -1.84 11.13	46.99 -1.53 7.37	50.83 -1.78 5.33	30.10 -1.13 3.29	43.72 -1.62 1.44	190.72 -8.54 31.18	32.98 -1.85 13.08	29.33 -1.73 11.56	33.98 -1.46 1.56	33.79 -1.89 10.69	42.59 -2.33 19.16	46.40 -1.59 0.66	46.62 -1.41 -0.37	40.57 -0.99 -0.36	56.30 -0.48 -2.72	40.96 -1.03 0.84	39.23 -0.72 0.00
SHOEMAKER___GT 23640	60.78 2.39 -0.57	44.33 1.44 -3.25	37.30 1.22 0.00	41.08 1.21 0.00	43.73 1.26 0.00	48.92 1.63 0.00	52.08 1.86 -0.30	72.33 2.17 -3.06	59.48 1.82 -1.77	61.17 2.20 -1.03	36.32 1.18 -0.62	48.88 1.97 -0.13	240.25 9.44 -0.38	55.44 2.02 -5.51	49.70 2.22 -4.87	39.14 1.71 -0.43	51.67 2.22 -3.08	72.70 3.13 -5.49	51.03 2.08 -0.31	49.47 1.81 0.00	43.19 1.56 -0.43	56.54 2.22 -0.26	45.18 1.82 -0.52	41.66 1.72 0.00
SHOEMAKR_138KV_BK 111 55601	60.76 2.38 -0.57	44.34 1.42 -3.28	37.29 1.21 0.00	41.07 1.19 0.00	43.71 1.24 0.00	48.89 1.60 0.00	52.07 1.85 -0.30	72.30 2.13 -3.08	59.48 1.81 -1.78	61.17 2.20 -1.04	36.32 1.18 -0.63	48.88 1.97 -0.13	240.45 9.65 -0.38	55.47 2.02 -5.55	49.71 2.20 -4.90	39.14 1.71 -0.43	51.67 2.20 -3.10	72.69 3.08 -5.53	51.03 2.07 -0.31	49.46 1.80 0.00	43.18 1.55 -0.43	56.54 2.22 -0.26	45.20 1.84 -0.53	41.65 1.71 0.00
SHOREHAM_IC_1 23715	64.09 3.70 -2.58	48.75 2.62 -6.50	38.56 2.47 -0.01	42.34 2.47 0.00	44.91 2.44 0.00	50.31 3.02 0.00	53.46 3.53 -0.01	71.22 4.12 0.00	64.34 3.49 -4.96	66.20 3.76 -4.50	41.70 1.94 -5.24	49.81 2.92 -0.12	240.34 8.48 -1.43	56.59 2.11 -6.57	60.88 3.07 -15.20	55.45 2.49 -15.95	52.07 3.34 -2.36	70.72 4.55 -2.09	58.52 2.99 -6.90	49.89 2.23 0.00	43.45 2.14 -0.10	56.56 2.27 -0.23	63.54 2.36 -18.34	48.69 2.71 -6.04
SHOREHAM_IC_2 23716	64.09 3.70 -2.58	48.75 2.62 -6.50	38.56 2.47 -0.01	42.34 2.47 0.00	44.91 2.44 0.00	50.31 3.02 0.00	53.46 3.53 -0.01	71.22 4.12 0.00	64.34 3.49 -4.96	66.20 3.76 -4.50	41.70 1.94 -5.24	49.81 2.92 -0.12	240.34 8.48 -1.43	56.59 2.11 -6.57	60.88 3.07 -15.20	55.45 2.49 -15.95	52.07 3.34 -2.36	70.72 4.55 -2.09	58.52 2.99 -6.90	49.89 2.23 0.00	43.45 2.14 -0.10	56.56 2.27 -0.23	63.54 2.36 -18.34	48.69 2.71 -6.04
SISSONVILLE____ 23735	55.05 -2.76 0.00	37.93 -1.70 0.00	34.77 -1.32 0.00	38.56 -1.32 0.00	41.17 -1.30 0.00	45.81 -1.47 0.00	48.32 -1.60 0.00	64.64 -2.46 0.00	53.58 -2.31 0.00	55.42 -2.52 0.00	33.13 -1.38 0.00	44.90 -1.87 0.00	221.24 -9.19 0.00	45.95 -1.95 0.00	40.72 -1.89 0.00	35.64 -1.37 0.00	44.60 -1.77 0.00	61.63 -2.45 0.00	47.24 -1.40 0.00	46.55 -1.11 0.00	40.34 -0.87 0.00	52.04 -2.03 0.00	41.29 -1.54 0.00	38.29 -1.65 0.00
SITHE_IND_GS1 24169	56.36 -1.45 0.00	38.62 -1.02 0.00	35.16 -0.93 0.00	38.85 -1.02 0.00	41.36 -1.11 0.00	46.03 -1.26 0.00	48.51 -1.40 0.00	64.82 -2.28 0.00	54.01 -1.88 0.00	55.95 -1.99 0.00	33.32 -1.19 0.00	45.02 -1.64 0.12	221.99 -8.34 0.10	41.18 -1.78 4.95	36.54 -1.70 4.38	35.45 -1.55 0.00	44.50 -1.87 0.00	60.89 -2.32 0.87	46.69 -1.75 0.20	45.99 -1.67 0.00	39.73 -1.40 0.08	52.34 -1.55 0.17	41.09 -1.40 0.34	38.89 -1.05 0.00

SITHE_IND_GS2 24170	56.36 -1.45 0.00	38.62 -1.02 0.00	35.16 -0.93 0.00	38.85 -1.02 0.00	41.36 -1.11 0.00	46.03 -1.26 0.00	48.51 -1.40 0.00	64.82 -2.28 0.00	54.01 -1.88 0.00	55.95 -1.99 0.00	33.32 -1.19 0.00	45.02 -1.64 0.12	221.99 -8.34 0.10	41.18 -1.78 4.95	36.54 -1.70 4.38	35.45 -1.55 0.00	44.50 -1.87 0.00	60.89 -2.32 0.87	46.69 -1.75 0.20	45.99 -1.67 0.00	39.73 -1.40 0.08	52.34 -1.55 0.17	41.09 -1.40 0.34	38.89 -1.05 0.00
SITHE_IND_GS3 24171	56.36 -1.45 0.00	38.62 -1.02 0.00	35.16 -0.93 0.00	38.85 -1.02 0.00	41.36 -1.11 0.00	46.03 -1.26 0.00	48.51 -1.40 0.00	64.82 -2.28 0.00	54.01 -1.88 0.00	55.95 -1.99 0.00	33.32 -1.19 0.00	45.02 -1.64 0.12	221.99 -8.34 0.10	41.18 -1.78 4.95	36.54 -1.70 4.38	35.45 -1.55 0.00	44.50 -1.87 0.00	60.89 -2.32 0.87	46.69 -1.75 0.20	45.99 -1.67 0.00	39.73 -1.40 0.08	52.34 -1.55 0.17	41.09 -1.40 0.34	38.89 -1.05 0.00
SITHE_IND_GS4 24172	56.36 -1.45 0.00	38.62 -1.02 0.00	35.16 -0.93 0.00	38.85 -1.02 0.00	41.36 -1.11 0.00	46.03 -1.26 0.00	48.51 -1.40 0.00	64.82 -2.28 0.00	54.01 -1.88 0.00	55.95 -1.99 0.00	33.32 -1.19 0.00	45.02 -1.64 0.12	221.99 -8.34 0.10	41.18 -1.78 4.95	36.54 -1.70 4.38	35.45 -1.55 0.00	44.50 -1.87 0.00	60.89 -2.32 0.87	46.69 -1.75 0.20	45.99 -1.67 0.00	39.73 -1.40 0.08	52.34 -1.55 0.17	41.09 -1.40 0.34	38.89 -1.05 0.00
SITHE___BATAVIA 24024	51.83 -2.70 3.29	19.05 -1.75 18.84	34.46 -1.62 0.00	38.20 -1.68 0.00	40.74 -1.74 0.00	45.51 -1.78 0.00	45.73 -2.29 1.90	44.46 -3.40 19.24	40.11 -3.20 12.59	44.07 -4.17 9.70	26.70 -2.31 5.50	41.04 -3.52 2.21	150.27 -19.66 60.49	26.83 -3.80 17.27	24.09 -3.25 15.27	31.55 -2.76 2.70	24.19 -3.35 18.84	27.87 -3.58 32.64	44.98 -2.78 0.89	44.23 -2.63 0.79	33.21 -1.67 6.32	45.69 -0.73 7.65	38.90 -1.90 2.04	38.87 -1.07 0.00
SITHE___INDEPEND 23800	56.35 -1.46 0.00	38.62 -1.01 0.00	35.16 -0.93 0.00	38.85 -1.02 0.00	41.36 -1.11 0.00	46.02 -1.27 0.00	48.51 -1.41 0.00	64.84 -2.26 0.00	54.02 -1.87 0.00	55.94 -1.99 0.00	33.32 -1.19 0.00	45.02 -1.64 0.12	221.99 -8.34 0.10	41.19 -1.77 4.95	36.54 -1.70 4.38	35.46 -1.54 0.00	44.52 -1.86 0.00	60.90 -2.31 0.87	46.69 -1.75 0.20	45.99 -1.67 0.00	39.73 -1.40 0.08	52.34 -1.55 0.17	41.09 -1.40 0.34	38.89 -1.05 0.00
SITHE___MASSENA 23902	57.18 -0.64 0.00	39.41 -0.23 0.00	35.94 -0.14 0.00	39.80 -0.08 0.00	42.44 -0.03 0.00	47.21 -0.07 0.00	49.84 -0.08 0.00	66.98 -0.12 0.00	55.67 -0.22 0.00	57.49 -0.45 0.00	34.34 -0.17 0.00	46.51 -0.27 0.00	228.94 -1.49 0.00	47.66 -0.24 0.00	42.27 -0.34 0.00	36.89 -0.11 0.00	46.18 -0.19 0.00	63.84 -0.24 0.00	48.80 0.16 0.00	47.86 0.20 0.00	41.47 0.27 0.00	53.79 -0.27 0.00	42.65 -0.19 0.00	39.56 -0.38 0.00
SITHE___OGDNSBRG 24021	57.06 -0.76 0.00	39.34 -0.29 0.00	35.96 -0.12 0.00	39.86 -0.02 0.00	42.53 0.05 0.00	47.33 0.04 0.00	49.92 0.00 0.00	66.57 -0.53 0.00	55.03 -0.86 0.00	56.81 -1.12 0.00	33.97 -0.54 0.00	46.00 -0.78 0.00	226.59 -3.84 0.00	47.15 -0.76 0.00	41.79 -0.82 0.00	36.54 -0.46 0.00	45.71 -0.66 0.00	63.22 -0.86 0.00	48.51 -0.13 0.00	48.02 0.36 0.00	41.77 0.57 0.00	54.03 -0.03 0.00	42.78 -0.05 0.00	39.63 -0.31 0.00
SITHE___STERLING 23777	58.89 1.07 0.00	40.27 0.63 0.00	36.60 0.52 0.00	40.45 0.58 0.00	43.13 0.66 0.00	48.01 0.72 0.00	50.64 0.72 0.00	67.64 0.54 0.00	56.35 0.47 0.00	58.49 0.56 0.00	34.80 0.28 0.00	47.07 0.38 0.09	232.90 2.55 0.08	44.41 0.36 3.86	39.45 0.25 3.41	37.21 0.21 0.00	46.60 0.22 0.00	64.31 0.23 0.00	49.15 0.50 0.00	48.40 0.74 0.00	41.90 0.70 0.00	55.03 0.97 0.00	43.36 0.52 0.00	40.51 0.57 0.00
SLEIGHT__34_KV_TB1 80719	54.00 -1.82 1.99	26.98 -1.25 11.40	34.94 -1.15 0.00	38.66 -1.22 0.00	41.20 -1.27 0.00	45.94 -1.35 0.00	47.12 -1.61 1.19	52.53 -2.59 11.98	45.89 -2.16 7.84	49.57 -2.57 5.80	29.48 -1.58 3.45	43.01 -2.31 1.45	184.26 -11.76 34.41	32.82 -2.42 12.67	29.14 -2.28 11.20	33.38 -1.95 1.68	32.54 -2.31 11.52	41.32 -2.60 20.16	46.04 -1.97 0.63	45.84 -1.82 0.00	38.26 -1.32 1.63	52.52 -1.02 0.52	40.37 -1.41 1.06	38.96 -0.98 0.00
SOUTH CAIRO__GT 23612	60.85 3.03 0.00	41.73 2.09 0.00	37.97 1.89 0.00	41.86 1.99 0.00	44.59 2.12 0.00	49.67 2.38 0.00	52.59 2.67 0.00	70.72 3.63 0.00	59.18 3.29 0.00	61.51 3.57 0.00	36.61 2.10 0.00	49.47 2.60 -0.09	240.67 10.16 -0.08	54.17 2.36 -3.91	48.71 2.65 -3.45	39.23 2.23 0.00	49.13 2.76 0.00	68.61 3.58 -0.95	51.35 2.48 -0.22	50.19 2.53 0.00	43.59 2.30 -0.08	57.74 3.50 -0.18	45.80 2.60 -0.37	42.09 2.15 0.00
SOUTH HAMPTN__IC 23720	64.30 3.91 -2.58	49.10 2.98 -6.49	39.01 2.92 -0.01	42.79 2.91 0.00	45.30 2.83 0.00	50.68 3.40 0.00	54.01 4.08 -0.01	71.53 4.43 0.00	64.68 3.84 -4.96	66.46 4.03 -4.50	41.74 2.00 -5.23	49.96 3.06 -0.12	238.57 6.71 -1.43	56.26 1.79 -6.57	60.82 3.02 -15.19	55.40 2.46 -15.94	52.04 3.32 -2.36	70.76 4.59 -2.09	58.58 3.05 -6.89	49.92 2.26 0.00	43.58 2.27 -0.10	56.31 2.02 -0.23	63.23 2.08 -18.32	48.51 2.53 -6.03
SOUTHDOW_115KV_TB1 355954	50.76 -2.08 4.98	9.52 -1.60 28.51	34.67 -1.41 0.00	38.52 -1.36 0.00	41.09 -1.39 0.00	45.79 -1.50 0.00	45.33 -1.72 2.86	35.55 -2.65 28.90	34.85 -2.38 18.67	40.60 -2.86 14.48	24.79 -1.60 8.12	41.35 -2.21 3.21	126.83 -12.84 90.76	21.53 -2.71 23.67	19.15 -2.55 20.91	30.65 -2.33 4.02	15.17 -2.90 28.30	11.52 -3.60 48.97	44.56 -2.82 1.26	43.54 -3.25 0.87	30.67 -2.39 8.14	44.61 -0.81 8.64	37.65 -2.47 2.71	38.55 -1.39 0.00
SOUTHOLD_69_KV_BK 2 55809	64.19 3.80 -2.58	49.23 3.11 -6.49	39.25 3.16 -0.01	43.00 3.13 0.00	45.47 3.00 0.00	50.79 3.50 0.00	54.26 4.33 -0.01	71.40 4.31 0.00	64.72 3.87 -4.96	66.36 3.93 -4.50	41.62 1.87 -5.23	49.88 2.99 -0.12	233.14 1.29 -1.43	55.18 0.70 -6.57	60.58 2.78 -15.19	55.16 2.22 -15.94	51.74 3.01 -2.36	70.16 3.99 -2.09	58.35 2.82 -6.89	49.70 2.04 0.00	43.50 2.20 -0.10	55.24 0.95 -0.23	62.28 1.12 -18.32	48.19 2.22 -6.03
SOUTHOLD__IC 23719	64.21 3.82 -2.58	49.24 3.11 -6.49	39.24 3.15 -0.01	43.01 3.13 0.00	45.47 3.00 0.00	50.81 3.52 0.00	54.27 4.34 -0.01	71.51 4.41 0.00	64.75 3.90 -4.96	66.38 3.95 -4.50	41.62 1.88 -5.23	49.87 2.97 -0.12	232.99 1.13 -1.43	55.22 0.75 -6.57	60.61 2.82 -15.19	55.18 2.23 -15.94	51.78 3.05 -2.36	70.44 4.27 -2.09	58.36 2.82 -6.89	49.69 2.03 0.00	43.50 2.20 -0.10	55.24 0.95 -0.23	62.27 1.11 -18.32	48.19 2.21 -6.03
SOUTH_FORK_WT_PWR 323839	63.85 3.46 -2.58	49.18 3.06 -6.49	39.31 3.22 -0.01	43.03 3.16 0.00	45.43 2.96 0.00	50.71 3.42 0.00	54.26 4.33 -0.01	71.16 4.06 0.00	64.51 3.66 -4.96	66.03 3.60 -4.50	41.31 1.57 -5.23	49.53 2.64 -0.12	232.36 0.50 -1.43	54.97 0.49 -6.57	60.03 2.22 -15.19	54.72 1.78 -15.94	51.21 2.48 -2.36	69.68 3.51 -2.09	57.79 2.25 -6.89	49.14 1.48 0.00	43.10 1.79 -0.10	54.93 0.64 -0.23	62.04 0.88 -18.32	47.60 1.63 -6.03

SPIERFLS_115KV_TB 1 80737	60.73 2.92 0.00	41.42 1.79 0.00	37.82 1.73 0.00	41.90 2.03 0.00	44.64 2.17 0.00	49.75 2.46 0.00	52.48 2.56 0.00	69.98 2.88 0.00	58.52 2.63 0.00	60.80 2.86 0.00	36.23 1.72 0.00	48.91 2.14 0.00	241.95 11.52 0.00	50.31 2.40 0.00	44.88 2.26 0.00	39.04 2.04 0.00	48.98 2.61 0.00	67.31 3.22 0.00	50.91 2.26 0.00	50.09 2.43 0.00	43.00 1.79 0.00	56.93 2.87 0.00	44.89 2.06 0.00	41.62 1.68 0.00
ST LAWRENCE____ 23600	57.09 -0.73 0.00	39.28 -0.35 0.00	35.80 -0.28 0.00	39.64 -0.24 0.00	42.26 -0.22 0.00	47.05 -0.24 0.00	49.65 -0.27 0.00	66.83 -0.27 0.00	55.59 -0.30 0.00	57.43 -0.51 0.00	34.28 -0.23 0.00	46.41 -0.36 0.00	228.71 -1.72 0.00	47.57 -0.34 0.00	42.19 -0.41 0.00	36.78 -0.22 0.00	46.11 -0.26 0.00	63.74 -0.34 0.00	48.60 -0.05 0.00	47.65 -0.01 0.00	41.26 0.06 0.00	53.56 -0.50 0.00	42.49 -0.34 0.00	39.44 -0.50 0.00
STATE_CA_115KV_115_LB 55624	59.14 1.33 0.00	40.60 0.97 0.00	36.98 0.90 0.00	40.78 0.90 0.00	43.40 0.92 0.00	48.32 1.04 0.00	51.08 1.16 0.00	68.55 1.45 0.00	57.16 1.27 0.00	59.35 1.42 0.00	35.39 0.88 0.00	47.85 1.08 0.00	235.66 5.24 0.00	49.19 1.29 0.00	43.84 1.23 0.00	38.07 1.06 0.00	47.70 1.32 0.00	66.48 1.53 -0.87	49.91 1.06 -0.20	48.64 0.98 0.00	42.04 0.76 -0.07	55.73 1.50 -0.17	44.33 1.16 -0.34	40.82 0.87 0.00
STATE_ST_34_KV_LOAD 55959	56.48 -0.04 1.30	32.20 0.01 7.45	36.10 0.02 0.00	39.91 0.03 0.00	42.52 0.05 0.00	47.32 0.04 0.00	49.14 0.01 0.79	58.52 -0.60 7.98	50.24 -0.37 5.28	54.39 -0.52 3.03	31.75 -0.41 2.36	44.94 -0.76 1.07	216.31 -3.49 10.62	36.39 -0.72 10.80	32.11 -0.95 9.54	35.15 -0.73 1.12	37.88 -0.92 7.57	49.39 -1.02 13.67	47.38 -0.73 0.53	47.13 -0.53 0.00	40.56 -0.10 0.55	53.87 0.25 0.44	41.78 -0.16 0.89	39.88 -0.06 0.00
STATION 5_MISC_HYD 23604	53.17 -2.13 2.51	23.81 -1.45 14.37	34.79 -1.29 0.00	38.52 -1.36 0.00	41.06 -1.42 0.00	45.82 -1.47 0.00	46.57 -1.87 1.48	49.20 -2.97 14.94	43.60 -2.53 9.76	47.45 -2.97 7.51	28.55 -1.68 4.28	42.55 -2.47 1.75	170.25 -13.19 47.00	30.90 -2.65 14.36	27.60 -2.32 12.69	32.98 -1.94 2.09	29.51 -2.39 14.47	36.30 -2.67 25.11	45.89 -2.03 0.72	45.62 -2.04 0.00	37.51 -1.48 2.22	52.47 -0.99 0.60	40.06 -1.56 1.21	39.01 -0.93 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	54.04 -1.49 2.29	25.50 -1.05 13.08	35.14 -0.94 0.00	38.87 -1.00 0.00	41.43 -1.04 0.00	46.21 -1.08 0.00	47.23 -1.33 1.35	51.23 -2.22 13.65	45.05 -1.89 8.96	48.70 -2.27 6.96	29.20 -1.36 3.95	43.12 -2.00 1.66	175.28 -10.61 44.54	31.77 -2.17 13.97	28.30 -1.97 12.35	33.39 -1.70 1.91	31.16 -2.03 13.18	38.74 -2.22 23.12	46.26 -1.68 0.70	46.07 -1.59 0.00	37.99 -1.15 2.06	52.86 -0.62 0.58	40.43 -1.23 1.18	39.17 -0.77 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	53.03 -2.36 2.43	24.12 -1.60 13.91	34.63 -1.45 0.00	38.34 -1.53 0.00	40.87 -1.60 0.00	45.60 -1.69 0.00	46.41 -2.08 1.43	49.44 -3.17 14.48	43.74 -2.69 9.47	47.48 -3.16 7.29	28.55 -1.81 4.16	42.41 -2.65 1.71	170.74 -13.99 45.70	31.05 -2.76 14.11	27.68 -2.47 12.47	32.90 -2.08 2.03	29.88 -2.48 14.01	36.91 -2.81 24.35	45.72 -2.22 0.71	45.43 -2.23 0.00	37.38 -1.67 2.16	52.15 -1.32 0.59	39.90 -1.75 1.19	38.79 -1.15 0.00
STA_56____34_KV_BUS2 355983	53.03 -2.36 2.43	24.12 -1.60 13.91	34.63 -1.45 0.00	38.34 -1.53 0.00	40.87 -1.60 0.00	45.60 -1.69 0.00	46.41 -2.08 1.43	49.44 -3.17 14.48	43.74 -2.69 9.47	47.48 -3.16 7.29	28.55 -1.81 4.16	42.41 -2.65 1.71	170.74 -13.99 45.70	31.05 -2.76 14.11	27.68 -2.47 12.47	32.90 -2.08 2.03	29.88 -2.48 14.01	36.91 -2.81 24.35	45.72 -2.22 0.71	45.43 -2.23 0.00	37.38 -1.67 2.16	52.15 -1.32 0.59	39.90 -1.75 1.19	38.79 -1.15 0.00
STA_67____115KV_BK2 355882	53.10 -2.21 2.51	23.78 -1.49 14.37	34.73 -1.35 0.00	38.46 -1.42 0.00	41.00 -1.48 0.00	45.74 -1.55 0.00	46.50 -1.94 1.48	49.17 -3.00 14.93	43.58 -2.56 9.75	47.38 -3.05 7.51	28.51 -1.73 4.28	42.46 -2.56 1.75	169.79 -13.67 46.97	30.89 -2.66 14.35	27.57 -2.36 12.69	32.93 -1.99 2.09	29.55 -2.37 14.46	36.33 -2.65 25.10	45.80 -2.12 0.72	45.53 -2.13 0.00	37.42 -1.56 2.22	52.36 -1.10 0.60	39.99 -1.63 1.21	38.94 -1.00 0.00
STA_7____115KV_9TRANS 80674	53.42 -1.89 2.51	24.00 -1.28 14.36	34.92 -1.17 0.00	38.66 -1.21 0.00	41.21 -1.27 0.00	45.99 -1.30 0.00	46.76 -1.68 1.48	49.54 -2.64 14.93	43.87 -2.27 9.75	47.69 -2.74 7.51	28.69 -1.55 4.28	42.73 -2.30 1.75	171.00 -12.48 46.95	31.15 -2.41 14.35	27.79 -2.14 12.68	33.14 -1.78 2.09	29.81 -2.10 14.45	36.73 -2.26 25.09	46.12 -1.80 0.72	45.84 -1.82 0.00	37.70 -1.29 2.22	52.72 -0.74 0.60	40.25 -1.37 1.21	39.16 -0.78 0.00
STA_82____115KV_TB1 80780	53.04 -2.26 2.52	23.69 -1.52 14.43	34.70 -1.38 0.00	38.42 -1.46 0.00	40.96 -1.52 0.00	45.70 -1.58 0.00	46.46 -1.98 1.48	49.06 -3.05 14.99	43.49 -2.61 9.79	47.29 -3.10 7.54	28.46 -1.76 4.30	42.41 -2.61 1.76	169.34 -13.90 47.19	30.79 -2.71 14.41	27.48 -2.40 12.73	32.88 -2.03 2.10	29.44 -2.42 14.52	36.14 -2.73 25.21	45.75 -2.17 0.73	45.48 -2.18 0.00	37.37 -1.60 2.23	52.30 -1.16 0.60	39.94 -1.67 1.22	38.90 -1.04 0.00
STEEL____WIND 323596	49.52 -3.88 4.42	11.75 -2.62 25.27	33.72 -2.36 0.00	37.40 -2.48 0.00	39.82 -2.65 0.00	44.52 -2.77 0.00	44.08 -3.29 2.55	36.54 -4.81 25.74	35.16 -4.08 16.65	40.40 -4.68 12.86	24.70 -2.56 7.25	40.14 -3.76 2.88	129.72 -20.61 80.11	22.35 -4.06 21.49	20.19 -3.43 18.99	30.49 -2.93 3.58	17.54 -3.70 25.13	15.90 -4.69 43.49	43.80 -3.71 1.13	42.10 -3.97 1.59	27.45 -3.01 10.74	37.32 -1.95 14.80	36.75 -3.08 3.00	37.96 -1.99 0.00
STEPHTWN_115KV_BK_2 55603	59.38 1.56 0.00	40.78 1.14 0.00	37.15 1.07 0.00	40.97 1.10 0.00	43.59 1.12 0.00	48.54 1.26 0.00	51.34 1.42 0.00	68.93 1.83 0.00	57.52 1.63 0.00	59.75 1.82 0.00	35.62 1.10 0.00	48.13 1.36 0.00	236.99 6.56 0.00	49.45 1.54 0.00	44.10 1.49 0.00	38.28 1.28 0.00	47.96 1.59 0.00	66.85 1.90 -0.87	50.19 1.34 -0.20	48.89 1.23 0.00	42.24 0.97 -0.07	56.04 1.81 -0.17	44.53 1.36 -0.34	40.98 1.03 0.00
STEBEN_REC_LFGE 323667	48.93 -1.69 7.20	-2.98 -1.43 41.18	34.72 -1.36 0.00	38.54 -1.34 0.00	41.15 -1.33 0.00	45.89 -1.40 0.00	44.01 -1.82 4.09	22.76 -3.01 41.32	25.87 -2.54 27.48	30.96 -3.08 23.89	20.34 -1.83 12.34	39.21 -2.38 5.18	39.37 -13.93 177.13	7.23 -3.14 37.54	6.92 -2.52 33.17	28.82 -2.39 5.80	2.31 -3.42 40.64	-13.22 -4.33 72.96	43.29 -3.33 2.02	48.00 -3.22 -3.56	46.39 -2.53 -7.72	81.60 -1.82 -29.36	39.01 -2.90 0.92	37.56 -2.39 0.00
STILLWATER____SOLAR 323814	60.46 2.64 0.00	41.33 1.69 0.00	37.67 1.59 0.00	41.66 1.78 0.00	44.36 1.88 0.00	49.41 2.13 0.00	52.18 2.26 0.00	69.85 2.75 0.00	58.28 2.39 0.00	60.54 2.60 0.00	36.05 1.54 0.00	48.72 1.95 0.00	240.29 9.86 0.00	50.00 2.10 0.00	44.58 1.97 0.00	38.78 1.78 0.00	48.66 2.29 0.00	66.99 2.91 0.00	50.65 2.01 0.00	49.75 2.09 0.00	42.82 1.62 0.00	56.71 2.64 0.00	44.79 1.96 0.00	41.52 1.58 0.00

STONY___BROOK 24151	64.18 3.79 -2.58	48.77 2.63 -6.51	38.50 2.41 -0.01	42.29 2.42 0.00	44.89 2.42 0.00	50.30 3.01 0.00	53.42 3.49 -0.01	71.27 4.17 0.00	64.42 3.56 -4.97	66.32 3.88 -4.51	41.80 2.04 -5.25	49.93 3.04 -0.12	241.11 9.25 -1.43	56.81 2.33 -6.57	61.19 3.36 -15.22	55.67 2.68 -15.98	52.25 3.52 -2.36	70.94 4.77 -2.09	58.69 3.14 -6.91	50.05 2.40 0.00	43.53 2.23 -0.10	56.74 2.45 -0.23	63.70 2.50 -18.37	48.84 2.85 -6.05
STURGEON_POOL_HYD 23609	60.67 2.86 0.00	41.39 1.76 0.00	37.61 1.53 0.00	41.42 1.55 0.00	44.10 1.62 0.00	49.32 2.03 0.00	52.24 2.32 0.00	69.91 2.82 0.00	58.31 2.42 0.00	60.75 2.82 0.00	36.05 1.54 0.00	49.36 2.47 -0.12	243.06 12.53 -0.09	55.34 2.59 -4.84	49.56 2.67 -4.28	39.10 2.09 0.00	49.07 2.70 0.00	69.04 3.78 -1.18	51.57 2.65 -0.27	50.00 2.34 0.00	43.28 1.97 -0.10	57.11 2.81 -0.23	45.64 2.35 -0.46	42.04 2.10 0.00
ST_LAW_115_BK7_LBMP 345037	56.97 -0.84 0.00	39.22 -0.41 0.00	35.75 -0.33 0.00	39.60 -0.28 0.00	42.22 -0.26 0.00	47.00 -0.29 0.00	49.59 -0.32 0.00	66.75 -0.35 0.00	55.51 -0.38 0.00	57.34 -0.60 0.00	34.23 -0.29 0.00	46.36 -0.41 0.00	228.47 -1.96 0.00	47.51 -0.40 0.00	42.15 -0.46 0.00	36.75 -0.25 0.00	46.07 -0.30 0.00	63.67 -0.41 0.00	48.56 -0.08 0.00	47.63 -0.03 0.00	41.25 0.05 0.00	53.47 -0.59 0.00	42.45 -0.39 0.00	39.39 -0.56 0.00
ST_LAW_115_BK8_LBMP 345038	56.97 -0.84 0.00	39.22 -0.41 0.00	35.75 -0.33 0.00	39.60 -0.28 0.00	42.22 -0.26 0.00	47.00 -0.29 0.00	49.59 -0.32 0.00	66.75 -0.35 0.00	55.51 -0.38 0.00	57.34 -0.60 0.00	34.23 -0.29 0.00	46.36 -0.41 0.00	228.47 -1.96 0.00	47.51 -0.40 0.00	42.15 -0.46 0.00	36.75 -0.25 0.00	46.07 -0.30 0.00	63.67 -0.41 0.00	48.56 -0.08 0.00	47.63 -0.03 0.00	41.25 0.05 0.00	53.47 -0.59 0.00	42.45 -0.39 0.00	39.39 -0.56 0.00
ST_LAW_230_BK5_LBMP 345035	57.09 -0.73 0.00	39.28 -0.35 0.00	35.80 -0.28 0.00	39.64 -0.24 0.00	42.26 -0.22 0.00	47.05 -0.24 0.00	49.65 -0.27 0.00	66.83 -0.27 0.00	55.59 -0.30 0.00	57.43 -0.51 0.00	34.28 -0.23 0.00	46.41 -0.36 0.00	228.71 -1.72 0.00	47.57 -0.34 0.00	42.19 -0.41 0.00	36.78 -0.22 0.00	46.11 -0.26 0.00	63.74 -0.34 0.00	48.60 -0.05 0.00	47.65 -0.01 0.00	41.26 0.06 0.00	53.56 -0.50 0.00	42.49 -0.34 0.00	39.44 -0.50 0.00
ST_LAW_230_BK6_LBMP 345036	57.09 -0.73 0.00	39.28 -0.35 0.00	35.80 -0.28 0.00	39.64 -0.24 0.00	42.26 -0.22 0.00	47.05 -0.24 0.00	49.65 -0.27 0.00	66.83 -0.27 0.00	55.59 -0.30 0.00	57.43 -0.51 0.00	34.28 -0.23 0.00	46.41 -0.36 0.00	228.71 -1.72 0.00	47.57 -0.34 0.00	42.19 -0.41 0.00	36.78 -0.22 0.00	46.11 -0.26 0.00	63.74 -0.34 0.00	48.60 -0.05 0.00	47.65 -0.01 0.00	41.26 0.06 0.00	53.56 -0.50 0.00	42.49 -0.34 0.00	39.44 -0.50 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	60.95 2.58 -0.55	44.34 1.53 -3.17	37.37 1.29 0.00	41.16 1.28 0.00	43.82 1.34 0.00	49.03 1.74 0.00	52.23 2.01 -0.30	72.43 2.35 -2.98	59.63 2.01 -1.73	61.38 2.43 -1.01	36.33 1.29 -0.53	49.06 2.15 -0.13	241.76 10.96 -0.37	55.56 2.28 -5.38	49.77 2.40 -4.75	39.28 1.86 -0.42	51.79 2.41 -3.01	72.84 3.39 -5.36	51.27 2.32 -0.30	49.64 1.98 0.00	43.31 1.69 -0.42	56.76 2.45 -0.25	45.39 2.04 -0.51	41.80 1.86 0.00
SWANROAD_115KV_TB1 355699	48.71 -5.30 3.81	14.50 -3.35 21.79	32.85 -3.23 0.00	36.42 -3.45 0.00	38.85 -3.62 0.00	43.44 -3.85 0.00	43.18 -4.55 2.20	39.21 -5.72 22.17	36.46 -4.98 14.45	40.92 -5.88 11.14	25.00 -3.22 6.30	39.37 -4.89 2.51	134.86 -26.25 69.32	24.03 -4.71 19.17	21.56 -4.11 16.95	30.36 -3.54 3.10	20.54 -4.11 21.72	21.24 -5.25 37.59	42.87 -4.77 1.00	41.50 -4.97 1.19	29.11 -3.59 8.51	39.91 -2.89 11.26	36.49 -3.84 2.50	37.22 -2.72 0.00
SYNERGY___BIOGAS 323694	51.86 -2.66 3.29	19.11 -1.69 18.84	34.46 -1.62 0.00	38.19 -1.68 0.00	40.74 -1.73 0.00	45.51 -1.78 0.00	45.74 -2.28 1.90	44.66 -3.20 19.24	40.22 -3.08 12.59	44.15 -4.09 9.70	26.71 -2.31 5.50	41.02 -3.54 2.21	150.07 -19.87 60.49	26.92 -3.71 17.27	24.14 -3.21 15.27	31.59 -2.71 2.70	24.36 -3.17 18.84	28.08 -3.36 32.64	45.01 -2.75 0.89	44.22 -2.64 0.79	33.20 -1.69 6.32	45.66 -0.75 7.65	38.89 -1.90 2.04	38.86 -1.09 0.00
SYRACUSE___ENERGY_ST1 323597	56.88 -0.24 0.70	35.43 -0.20 4.00	35.89 -0.19 0.00	39.65 -0.23 0.00	42.22 -0.26 0.00	46.99 -0.30 0.00	49.11 -0.35 0.46	61.53 -0.96 4.61	52.09 -0.76 3.04	55.06 -0.84 2.04	32.62 -0.54 1.35	45.38 -0.75 0.64	216.06 -3.98 10.40	39.28 -0.86 7.76	34.85 -0.90 6.86	35.51 -0.84 0.64	41.14 -1.00 4.23	56.45 -1.04 6.59	47.53 -0.76 0.36	47.04 -0.62 0.00	40.27 -0.42 0.51	53.54 -0.22 0.30	41.79 -0.45 0.60	39.70 -0.24 0.00
SYRACUSE___ENERGY_ST2 323598	56.88 -0.24 0.70	35.43 -0.20 4.00	35.89 -0.19 0.00	39.65 -0.23 0.00	42.22 -0.26 0.00	46.99 -0.30 0.00	49.11 -0.35 0.46	61.53 -0.96 4.61	52.09 -0.76 3.04	55.06 -0.84 2.04	32.62 -0.54 1.35	45.38 -0.75 0.64	216.06 -3.98 10.40	39.28 -0.86 7.76	34.85 -0.90 6.86	35.51 -0.84 0.64	41.14 -1.00 4.23	56.45 -1.04 6.59	47.53 -0.76 0.36	47.04 -0.62 0.00	40.27 -0.42 0.51	53.54 -0.22 0.30	41.79 -0.45 0.60	39.70 -0.24 0.00
SYRACUSE___POWER 24017	57.61 -0.21 0.00	39.43 -0.21 0.00	35.88 -0.21 0.00	39.64 -0.24 0.00	42.20 -0.27 0.00	46.99 -0.30 0.00	49.24 -0.36 0.31	62.96 -0.96 3.18	53.28 -0.76 1.85	56.38 -0.83 0.73	33.33 -0.53 0.66	45.93 -0.68 0.17	231.49 -3.75 -4.81	40.01 -0.85 7.05	35.54 -0.84 6.23	35.75 -0.81 0.45	43.73 -0.94 1.70	61.79 -0.94 1.36	47.66 -0.66 0.32	47.09 -0.57 0.00	40.89 -0.41 -0.10	53.62 -0.18 0.27	41.86 -0.43 0.54	39.73 -0.21 0.00
TALLMAN__138KV_BK151 55660	61.20 2.85 -0.54	44.39 1.69 -3.06	37.48 1.40 0.00	41.27 1.40 0.00	43.94 1.47 0.00	49.22 1.93 0.00	52.15 2.23 0.00	69.72 2.62 0.00	58.12 2.23 0.00	60.63 2.70 0.00	35.94 1.43 0.00	49.30 2.40 -0.12	242.82 12.29 -0.10	55.67 2.56 -5.20	49.89 2.69 -4.60	39.06 2.06 0.00	50.40 2.67 -1.36	72.87 3.76 -5.02	51.49 2.55 -0.30	49.83 2.17 0.00	43.48 1.87 -0.40	56.95 2.64 -0.24	45.58 2.25 -0.49	42.01 2.06 0.00
TEALLAVE_115KV_TB7 355573	57.26 -0.55 0.00	39.21 -0.43 0.00	35.67 -0.41 0.00	39.41 -0.47 0.00	41.97 -0.51 0.00	46.71 -0.57 0.00	48.94 -0.68 0.31	62.60 -1.40 3.10	52.95 -1.14 1.80	55.67 -1.21 1.05	33.14 -0.74 0.64	45.62 -1.00 0.15	224.89 -5.14 0.40	40.47 -1.14 6.30	35.93 -1.10 5.57	35.54 -1.03 0.43	43.51 -1.20 1.66	61.62 -1.28 1.19	47.41 -0.95 0.28	46.80 -0.86 0.00	40.43 -0.67 0.10	53.29 -0.54 0.23	41.67 -0.69 0.47	39.50 -0.44 0.00
TELGRAPH_34_KV_EAST 80808	50.40 -3.88 3.53	16.99 -2.47 20.17	33.73 -2.35 0.00	37.38 -2.49 0.00	39.86 -2.61 0.00	44.54 -2.75 0.00	44.54 -3.35 2.03	42.13 -4.44 20.53	38.55 -3.91 13.43	42.80 -4.78 10.35	26.01 -2.64 5.86	40.41 -4.01 2.35	143.75 -22.16 64.52	25.74 -4.03 18.14	23.09 -3.49 16.03	31.14 -2.98 2.88	22.76 -3.47 20.14	25.13 -4.08 34.88	44.09 -3.61 0.94	42.94 -3.73 0.99	31.17 -2.65 7.39	42.82 -1.80 9.44	37.75 -2.82 2.26	38.09 -1.85 0.00

TEMPLE___115KV_TB 2 55572	57.31 -0.51 0.00	39.23 -0.41 0.00	35.69 -0.38 0.00	39.44 -0.44 0.00	42.00 -0.48 0.00	46.74 -0.55 0.00	48.98 -0.64 0.30	62.69 -1.35 3.06	53.01 -1.10 1.78	55.72 -1.18 1.04	33.16 -0.72 0.63	45.66 -0.96 0.15	224.96 -5.08 0.39	40.48 -1.10 6.33	35.94 -1.07 5.59	35.56 -1.01 0.43	43.58 -1.16 1.64	61.66 -1.23 1.19	47.45 -0.91 0.28	46.84 -0.82 0.00	40.45 -0.65 0.10	53.34 -0.49 0.23	41.70 -0.66 0.47	39.53 -0.41 0.00
TIANA___69_KV_BK 1 55817	64.27 3.89 -2.58	49.00 2.88 -6.49	38.89 2.80 -0.01	42.68 2.80 0.00	45.22 2.75 0.00	50.60 3.31 0.00	53.87 3.94 -0.01	71.39 4.29 0.00	64.60 3.75 -4.96	66.43 4.00 -4.50	41.77 2.02 -5.23	49.98 3.09 -0.12	239.61 7.75 -1.43	56.39 1.91 -6.57	60.90 3.10 -15.19	55.47 2.53 -15.94	52.10 3.37 -2.36	70.60 4.43 -2.09	58.65 3.12 -6.89	50.02 2.36 0.00	43.62 2.32 -0.10	56.53 2.24 -0.23	63.41 2.25 -18.32	48.64 2.66 -6.03
TILDEN___115KV_TB1 80814	57.61 -0.21 0.00	39.43 -0.21 0.00	35.88 -0.21 0.00	39.64 -0.24 0.00	42.20 -0.27 0.00	46.99 -0.30 0.00	49.24 -0.36 0.31	62.96 -0.96 3.18	53.28 -0.76 1.85	56.38 -0.83 0.73	33.33 -0.53 0.66	45.93 -0.68 0.17	231.49 -3.75 -4.81	40.01 -0.85 7.05	35.54 -0.84 6.23	35.75 -0.81 0.45	43.73 -0.94 1.70	61.79 -0.94 1.36	47.66 -0.66 0.32	47.09 -0.57 0.00	40.89 -0.41 -0.10	53.62 -0.18 0.27	41.86 -0.43 0.54	39.73 -0.21 0.00
TRIGEN___CC 323695	65.68 3.41 -4.45	53.06 2.19 -11.23	38.08 1.98 -0.02	41.86 1.99 0.00	44.52 2.04 0.00	49.87 2.58 0.00	52.90 2.96 -0.02	70.62 3.52 0.00	67.52 3.05 -8.58	69.13 3.42 -7.78	45.41 1.84 -9.06	49.77 2.87 -0.12	245.24 12.41 -2.40	58.65 2.92 -7.82	69.02 3.25 -23.15	67.08 2.50 -27.58	53.63 3.18 -4.08	71.04 4.21 -2.75	63.32 2.95 -11.72	50.10 2.44 0.00	43.46 2.15 -0.10	56.59 2.52 -0.01	76.76 2.55 -31.37	52.95 2.57 -10.44
TRINITY___115KV___ 4 BK 55933	58.97 1.16 0.00	40.49 0.85 0.00	36.88 0.80 0.00	40.67 0.80 0.00	43.28 0.81 0.00	48.19 0.90 0.00	50.94 1.02 0.00	68.34 1.24 0.00	56.99 1.10 0.00	59.18 1.24 0.00	35.27 0.76 0.00	47.67 0.90 0.00	234.90 4.47 0.00	49.01 1.10 0.00	43.69 1.08 0.00	37.92 0.92 0.00	47.52 1.15 0.00	66.25 1.30 -0.87	49.74 0.89 -0.20	48.46 0.80 0.00	41.87 0.59 -0.07	55.55 1.32 -0.17	44.19 1.02 -0.34	40.68 0.74 0.00
UNION___PROCESSING_DRP 323587	53.05 -2.25 2.52	23.68 -1.52 14.43	34.70 -1.38 0.00	38.43 -1.45 0.00	40.96 -1.51 0.00	45.71 -1.57 0.00	46.46 -1.98 1.48	49.07 -3.04 14.99	43.49 -2.60 9.79	47.29 -3.10 7.54	28.46 -1.76 4.30	42.41 -2.60 1.76	169.34 -13.90 47.19	30.78 -2.71 14.42	27.48 -2.39 12.74	32.88 -2.03 2.10	29.44 -2.41 14.52	36.14 -2.73 25.21	45.75 -2.17 0.73	45.49 -2.17 0.00	37.38 -1.60 2.23	52.31 -1.15 0.60	39.96 -1.66 1.22	38.90 -1.04 0.00
UPPER HUDSON___HYD 24058	60.73 2.91 0.00	41.43 1.79 0.00	37.82 1.73 0.00	41.90 2.03 0.00	44.64 2.16 0.00	49.74 2.45 0.00	52.48 2.57 0.00	69.99 2.89 0.00	58.52 2.63 0.00	60.80 2.86 0.00	36.23 1.72 0.00	48.91 2.14 0.00	241.94 11.51 0.00	50.31 2.41 0.00	44.87 2.26 0.00	39.04 2.04 0.00	48.98 2.61 0.00	67.31 3.23 0.00	50.91 2.26 0.00	50.09 2.42 0.00	43.00 1.79 0.00	56.92 2.86 0.00	44.89 2.06 0.00	41.62 1.68 0.00
UPPER RAQUET___HYD 24056	55.06 -2.76 0.00	37.94 -1.69 0.00	34.77 -1.32 0.00	38.56 -1.32 0.00	41.17 -1.30 0.00	45.80 -1.49 0.00	48.32 -1.60 0.00	64.66 -2.43 0.00	53.61 -2.29 0.00	55.44 -2.50 0.00	33.14 -1.37 0.00	44.90 -1.87 0.00	221.26 -9.17 0.00	45.97 -1.94 0.00	40.75 -1.86 0.00	35.65 -1.36 0.00	44.64 -1.73 0.00	61.65 -2.43 0.00	47.24 -1.40 0.00	46.55 -1.11 0.00	40.34 -0.86 0.00	52.04 -2.02 0.00	41.30 -1.53 0.00	38.29 -1.65 0.00
VALLEY44_115KV_TB2 355964	49.22 -3.40 5.20	7.49 -2.40 29.74	33.95 -2.13 0.00	37.67 -2.21 0.00	40.10 -2.38 0.00	44.79 -2.50 0.00	44.19 -2.74 2.98	33.05 -3.94 30.11	32.89 -3.58 19.41	38.94 -3.96 15.04	23.71 -2.38 8.43	40.15 -3.30 3.33	118.43 -17.97 94.03	20.04 -3.48 24.39	18.22 -2.83 21.55	30.36 -2.46 4.18	13.96 -2.91 29.51	9.13 -3.95 51.00	43.88 -3.46 1.30	43.57 -3.43 0.66	31.27 -2.55 7.38	45.97 -1.31 6.78	37.38 -2.82 2.64	38.00 -1.94 0.00
VALLEY___115KV_TB 1-4 80826	59.48 1.67 0.00	40.71 1.08 0.00	37.06 0.98 0.00	40.73 0.86 0.00	43.21 0.74 0.00	47.86 0.57 0.00	50.34 0.43 0.00	67.81 0.71 0.00	56.64 0.75 0.00	58.99 1.06 0.00	35.18 0.67 0.00	47.57 0.79 0.00	234.07 3.64 0.00	48.87 0.97 0.00	43.67 1.06 0.00	38.02 1.02 0.00	47.79 1.41 0.00	65.54 1.46 0.00	49.65 1.01 0.00	48.95 1.29 0.00	42.44 1.24 0.00	56.18 2.12 0.00	44.38 1.55 0.00	41.23 1.28 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	62.06 2.67 -1.58	50.47 1.77 -9.06	37.63 1.55 0.00	41.52 1.64 0.00	44.21 1.73 0.00	49.37 2.08 0.00	55.09 3.72 -1.46	86.53 4.68 -14.75	69.46 3.92 -9.65	68.78 4.00 -6.85	41.05 2.29 -4.25	51.66 3.03 -1.86	282.90 14.39 -38.08	69.62 2.91 -18.80	61.88 2.65 -16.62	41.29 2.22 -2.06	64.24 3.05 -14.82	97.03 4.67 -28.27	53.70 3.98 -1.07	51.79 4.13 0.00	47.09 3.55 -2.33	59.60 4.65 -0.88	47.41 2.78 -1.79	42.63 2.69 0.00
VISCHER___FERRY HYD 24020	59.89 2.08 0.00	41.00 1.37 0.00	37.34 1.26 0.00	41.25 1.38 0.00	43.91 1.43 0.00	48.90 1.61 0.00	51.66 1.74 0.00	69.24 2.14 0.00	57.71 1.82 0.00	59.94 2.01 0.00	35.71 1.20 0.00	48.25 1.47 0.00	237.79 7.36 0.00	49.50 1.60 0.00	44.08 1.47 0.00	38.32 1.32 0.00	48.09 1.72 0.00	66.25 2.17 0.00	50.10 1.46 0.00	49.13 1.47 0.00	42.29 1.09 0.00	56.10 2.04 0.00	44.37 1.54 0.00	41.08 1.14 0.00
V_A_10_SYNC_DSASP 323832	50.86 -3.82 3.14	19.15 -2.53 17.96	33.80 -2.28 0.00	37.46 -2.42 0.00	39.95 -2.53 0.00	44.61 -2.68 0.00	44.86 -3.23 1.83	43.99 -4.61 18.50	39.95 -3.92 12.02	44.18 -4.51 9.24	26.74 -2.52 5.24	40.92 -3.75 2.11	153.38 -19.68 57.37	27.57 -3.76 16.57	24.73 -3.23 14.64	31.70 -2.73 2.58	25.06 -3.33 17.98	28.81 -4.18 31.10	44.31 -3.49 0.85	43.26 -3.62 0.77	32.33 -2.78 6.11	44.36 -2.24 7.46	38.09 -2.78 1.96	38.06 -1.89 0.00
V_CMM_10_SYNC_DSASP 323787	57.04 -0.77 0.00	39.33 -0.31 0.00	35.90 -0.18 0.00	39.79 -0.08 0.00	42.43 -0.04 0.00	47.22 -0.06 0.00	49.75 -0.17 0.00	66.81 -0.29 0.00	55.56 -0.33 0.00	57.37 -0.56 0.00	34.30 -0.21 0.00	46.52 -0.26 0.00	229.13 -1.30 0.00	47.62 -0.29 0.00	42.27 -0.34 0.00	36.88 -0.12 0.00	46.21 -0.16 0.00	63.82 -0.26 0.00	48.67 0.02 0.00	47.78 0.12 0.00	41.43 0.22 0.00	53.69 -0.38 0.00	42.62 -0.21 0.00	39.57 -0.37 0.00
V_CMP_10_SYNC_DSASP 323788	57.93 0.12 0.00	39.80 0.17 0.00	36.30 0.21 0.00	40.19 0.31 0.00	42.87 0.39 0.00	47.74 0.45 0.00	50.37 0.45 0.00	67.81 0.71 0.00	56.38 0.49 0.00	58.21 0.27 0.00	34.76 0.25 0.00	47.07 0.29 0.00	231.51 1.08 0.00	48.16 0.25 0.00	42.49 -0.12 0.00	37.10 0.10 0.00	46.51 0.14 0.00	64.34 0.25 0.00	49.05 0.41 0.00	48.15 0.49 0.00	41.77 0.57 0.00	54.32 0.26 0.00	42.79 -0.05 0.00	39.56 -0.39 0.00



V_D_10_SYNC_DSASP 323841	57.19 -0.63 0.00	39.41 -0.22 0.00	35.95 -0.13 0.00	39.81 -0.06 0.00	42.45 -0.02 0.00	47.24 -0.05 0.00	49.86 -0.06 0.00	67.01 -0.09 0.00	55.67 -0.22 0.00	57.49 -0.45 0.00	34.35 -0.16 0.00	46.51 -0.26 0.00	228.96 -1.47 0.00	47.68 -0.23 0.00	42.27 -0.34 0.00	36.89 -0.11 0.00	46.18 -0.20 0.00	63.85 -0.23 0.00	48.82 0.17 0.00	47.88 0.22 0.00	41.47 0.26 0.00	53.82 -0.24 0.00	42.65 -0.18 0.00	39.56 -0.38 0.00
V_E_10_SYNC_DSASP 323830	62.91 4.17 -0.93	47.67 2.69 -5.35	38.25 2.17 0.00	41.94 2.06 0.00	44.75 2.28 0.00	49.85 2.56 0.00	53.18 2.61 -0.66	77.10 3.39 -6.61	62.97 2.83 -4.26	66.16 2.92 -5.30	38.04 1.70 -1.83	49.49 1.96 -0.75	288.99 8.20 -50.36	57.17 1.98 -7.29	50.99 1.94 -6.44	39.37 1.44 -0.92	55.15 1.98 -6.79	80.59 3.61 -12.91	52.32 3.24 -0.43	51.33 3.38 -0.29	47.98 3.02 -3.76	60.53 3.61 -2.85	45.45 1.69 -0.93	41.63 1.69 0.00
V_F_30_NSYNC___DSASP 323816	60.47 2.66 0.00	41.34 1.71 0.00	37.69 1.60 0.00	41.67 1.79 0.00	44.37 1.89 0.00	49.42 2.14 0.00	52.19 2.27 0.00	69.88 2.79 0.00	58.31 2.43 0.00	60.57 2.64 0.00	36.08 1.57 0.00	48.78 2.00 0.00	240.53 10.10 0.00	50.02 2.12 0.00	44.62 2.01 0.00	38.81 1.81 0.00	48.69 2.32 0.00	67.04 2.96 0.00	50.69 2.05 0.00	49.79 2.13 0.00	42.86 1.65 0.00	56.74 2.68 0.00	44.81 1.98 0.00	41.55 1.61 0.00
V_F_30_SYNC_DSASP 323786	59.14 1.32 0.00	40.60 0.97 0.00	36.98 0.90 0.00	40.78 0.90 0.00	43.40 0.92 0.00	48.32 1.04 0.00	51.08 1.16 0.00	68.55 1.45 0.00	57.16 1.27 0.00	59.35 1.41 0.00	35.39 0.88 0.00	47.85 1.08 0.00	235.64 5.21 0.00	49.19 1.28 0.00	43.84 1.23 0.00	38.07 1.06 0.00	47.69 1.32 0.00	66.47 1.52 -0.87	49.91 1.06 -0.20	48.64 0.98 0.00	42.04 0.76 -0.07	55.73 1.50 -0.17	44.33 1.16 -0.34	40.81 0.87 0.00
V_XM_10_SYNC_DSASP 323789	57.93 0.12 0.00	39.80 0.17 0.00	36.30 0.21 0.00	40.19 0.31 0.00	42.87 0.39 0.00	47.74 0.45 0.00	50.37 0.45 0.00	67.81 0.71 0.00	56.38 0.49 0.00	58.21 0.27 0.00	34.76 0.25 0.00	47.07 0.29 0.00	231.51 1.08 0.00	48.16 0.25 0.00	42.49 -0.12 0.00	37.10 0.10 0.00	46.51 0.14 0.00	64.34 0.25 0.00	49.05 0.41 0.00	48.15 0.49 0.00	41.77 0.57 0.00	54.32 0.26 0.00	42.79 -0.05 0.00	39.56 -0.39 0.00
W.BABYLN_69_KV_BK1 56697	64.61 3.99 -2.81	49.40 2.70 -7.08	38.54 2.45 -0.01	42.35 2.47 0.00	45.01 2.53 0.00	50.40 3.11 0.00	53.49 3.56 -0.01	71.35 4.25 0.00	64.98 3.69 -5.40	66.90 4.06 -4.90	42.44 2.22 -5.71	50.12 3.23 -0.12	244.69 12.72 -1.55	57.66 3.03 -6.72	62.46 3.68 -16.17	57.31 2.94 -17.38	52.65 3.71 -2.57	71.08 4.82 -2.17	59.56 3.43 -7.49	50.41 2.75 0.00	43.80 2.49 -0.10	56.84 2.88 0.09	65.64 2.87 -19.93	49.53 3.01 -6.58
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	61.39 3.05 -0.53	44.49 1.83 -3.03	37.62 1.54 0.00	41.43 1.55 0.00	44.10 1.62 0.00	49.39 2.10 0.00	52.33 2.41 0.00	69.97 2.87 0.00	58.35 2.46 0.00	60.86 2.93 0.00	36.08 1.57 0.00	49.49 2.59 -0.12	243.73 13.20 -0.10	55.80 2.75 -5.14	50.01 2.86 -4.54	39.21 2.21 0.00	49.23 2.85 0.00	69.35 4.02 -1.25	51.69 2.75 -0.29	50.03 2.37 0.00	43.36 2.04 -0.11	57.17 2.87 -0.24	45.75 2.42 -0.49	42.16 2.22 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	61.06 3.25 0.00	41.62 1.99 0.00	37.84 1.76 0.00	41.64 1.77 0.00	44.32 1.85 0.00	49.65 2.36 0.00	52.63 2.71 0.00	70.34 3.24 0.00	58.67 2.78 0.00	61.18 3.24 0.00	36.09 1.58 0.00	49.80 2.91 -0.12	245.29 14.77 -0.09	55.84 3.07 -4.85	50.08 3.18 -4.29	39.39 2.39 0.00	49.39 3.02 0.00	69.55 4.29 -1.18	51.92 3.00 -0.27	50.21 2.55 0.00	43.47 2.16 -0.10	57.30 3.02 -0.23	45.92 2.62 -0.46	42.35 2.40 0.00
W50THST__13_KV_LOAD 356117	61.39 3.57 0.00	41.82 2.19 0.00	38.04 1.96 0.00	41.86 1.99 0.00	44.54 2.07 0.00	49.90 2.61 0.00	52.91 2.99 0.00	70.72 3.62 0.00	58.96 3.07 0.00	61.49 3.56 0.00	36.30 1.78 0.00	50.08 3.19 -0.12	246.68 16.15 -0.09	56.12 3.36 -4.85	50.33 3.43 -4.29	39.61 2.61 0.00	49.67 3.30 0.00	69.92 4.66 -1.18	52.20 3.28 -0.27	50.49 2.82 0.00	43.70 2.40 -0.10	57.62 3.33 -0.23	46.15 2.86 -0.46	42.56 2.62 0.00
WADING RIVER_IC_1 23522	64.11 3.72 -2.57	48.77 2.65 -6.49	38.58 2.49 -0.01	42.37 2.49 0.00	44.93 2.46 0.00	50.33 3.04 0.00	53.48 3.55 -0.01	71.22 4.13 0.00	64.35 3.50 -4.95	66.22 3.79 -4.49	41.71 1.96 -5.23	49.83 2.93 -0.12	240.12 8.26 -1.43	56.57 2.09 -6.57	60.92 3.12 -15.19	55.45 2.52 -15.93	52.08 3.35 -2.36	70.75 4.58 -2.09	58.55 3.01 -6.89	49.91 2.25 0.00	43.47 2.16 -0.10	56.56 2.28 -0.23	63.50 2.35 -18.32	48.68 2.70 -6.03
WADING RIVER_IC_2 23547	64.11 3.72 -2.57	48.77 2.65 -6.49	38.58 2.49 -0.01	42.37 2.49 0.00	44.93 2.46 0.00	50.33 3.04 0.00	53.48 3.55 -0.01	71.22 4.13 0.00	64.35 3.50 -4.95	66.22 3.79 -4.49	41.71 1.96 -5.23	49.83 2.93 -0.12	240.12 8.26 -1.43	56.57 2.09 -6.57	60.92 3.12 -15.19	55.45 2.52 -15.93	52.08 3.35 -2.36	70.75 4.58 -2.09	58.55 3.01 -6.89	49.91 2.25 0.00	43.47 2.16 -0.10	56.56 2.28 -0.23	63.50 2.35 -18.32	48.68 2.70 -6.03
WADING RIVER_IC_3 23601	64.11 3.72 -2.57	48.77 2.65 -6.49	38.58 2.49 -0.01	42.37 2.49 0.00	44.93 2.46 0.00	50.33 3.04 0.00	53.48 3.55 -0.01	71.22 4.13 0.00	64.35 3.50 -4.95	66.22 3.79 -4.49	41.71 1.96 -5.23	49.83 2.93 -0.12	240.12 8.26 -1.43	56.57 2.09 -6.57	60.92 3.12 -15.19	55.45 2.52 -15.93	52.08 3.35 -2.36	70.75 4.58 -2.09	58.55 3.01 -6.89	49.91 2.25 0.00	43.47 2.16 -0.10	56.56 2.28 -0.23	63.50 2.35 -18.32	48.68 2.70 -6.03
WALDENNY_12_KV_BK2 80841	49.60 -3.86 4.35	12.18 -2.55 24.91	33.71 -2.37 0.00	37.37 -2.50 0.00	39.83 -2.64 0.00	44.51 -2.78 0.00	44.09 -3.32 2.51	37.19 -4.55 25.37	35.57 -3.90 16.42	40.67 -4.59 12.67	24.85 -2.51 7.15	40.19 -3.75 2.84	130.92 -20.55 78.96	22.79 -3.87 21.25	20.55 -3.29 18.78	30.65 -2.82 3.53	18.22 -3.38 24.78	16.97 -4.24 42.87	43.87 -3.66 1.12	42.18 -3.93 1.54	27.77 -2.94 10.49	37.78 -1.87 14.41	36.87 -3.02 2.94	37.97 -1.97 0.00
WALDEN___HYDRO 24148	61.35 3.02 -0.52	44.47 1.84 -3.00	37.66 1.58 0.00	41.47 1.60 0.00	44.15 1.68 0.00	49.40 2.11 0.00	52.34 2.42 0.00	70.03 2.93 0.00	58.40 2.51 0.00	60.85 2.91 0.00	36.09 1.58 0.00	49.45 2.55 -0.12	243.33 12.80 -0.10	55.63 2.66 -5.06	49.86 2.77 -4.47	39.18 2.18 0.00	49.19 2.82 0.00	69.21 3.90 -1.23	51.68 2.75 -0.29	50.09 2.43 0.00	43.40 2.09 -0.11	57.28 2.98 -0.24	45.76 2.45 -0.48	42.14 2.20 0.00
WARRENSBURG____ 23737	60.73 2.92 0.00	41.42 1.79 0.00	37.82 1.73 0.00	41.90 2.03 0.00	44.64 2.17 0.00	49.75 2.46 0.00	52.48 2.56 0.00	69.98 2.88 0.00	58.52 2.63 0.00	60.80 2.86 0.00	36.23 1.72 0.00	48.91 2.14 0.00	241.95 11.52 0.00	50.31 2.40 0.00	44.88 2.26 0.00	39.04 2.04 0.00	48.98 2.61 0.00	67.31 3.22 0.00	50.91 2.26 0.00	50.09 2.43 0.00	43.00 1.79 0.00	56.93 2.87 0.00	44.89 2.06 0.00	41.62 1.68 0.00

WATERSIDE___6 8 9 23538	60.79 2.97 0.00	41.44 1.81 0.00	37.69 1.60 0.00	41.48 1.60 0.00	44.15 1.68 0.00	49.45 2.17 0.00	52.43 2.51 0.00	70.04 2.94 0.00	58.40 2.51 0.00	60.92 2.98 0.00	35.93 1.42 0.00	49.59 2.70 -0.12	244.19 13.66 -0.09	55.63 2.87 -4.85	49.90 3.00 -4.29	39.22 2.22 0.00	49.16 2.79 0.00	69.27 4.01 -1.18	51.69 2.77 -0.27	49.96 2.30 0.00	43.27 1.96 -0.10	57.01 2.72 -0.23	45.71 2.42 -0.46	42.16 2.22 0.00
WATKINRD_115KV_LN8_ILLION 55919	60.13 2.32 0.00	41.13 1.50 0.00	37.45 1.38 0.00	41.13 1.25 0.00	43.63 1.16 0.00	48.27 0.98 0.00	50.76 0.84 0.00	68.20 1.11 0.00	56.98 1.09 0.00	59.45 1.52 0.00	35.45 0.93 0.00	47.84 1.07 0.00	235.13 4.70 0.00	49.21 1.30 0.00	44.08 1.47 0.00	38.48 1.48 0.00	48.46 2.09 0.00	66.16 2.07 0.00	50.01 1.37 0.00	49.48 1.82 0.00	43.08 1.87 0.00	57.49 3.42 0.00	45.36 2.53 0.00	41.92 1.98 0.00
WDELAWARE___HYD 323627	60.90 2.45 -0.64	44.72 1.44 -3.65	37.29 1.20 0.00	41.05 1.18 0.00	43.72 1.25 0.00	48.93 1.64 0.00	52.20 1.93 -0.35	72.95 2.30 -3.55	59.97 2.01 -2.06	61.50 2.36 -1.20	36.49 1.25 -0.73	48.85 1.93 -0.14	235.63 4.77 -0.43	54.93 1.01 -6.01	49.21 1.28 -5.32	38.35 0.85 -0.50	51.11 1.15 -3.58	72.25 1.86 -6.30	51.23 2.24 -0.34	49.73 2.07 0.00	43.46 1.76 -0.49	56.85 2.50 -0.28	45.43 2.03 -0.57	41.73 1.79 0.00
WEST BABYLON___IC 23714	64.61 3.99 -2.81	49.40 2.70 -7.08	38.54 2.45 -0.01	42.35 2.47 0.00	45.01 2.53 0.00	50.40 3.11 0.00	53.49 3.56 -0.01	71.35 4.25 0.00	64.98 3.69 -5.40	66.90 4.06 -4.90	42.44 2.22 -5.71	50.12 3.23 -0.12	244.69 12.72 -1.55	57.66 3.03 -6.72	62.46 3.68 -16.17	57.31 2.94 -17.38	52.65 3.71 -2.57	71.08 4.82 -2.17	59.56 3.43 -7.49	50.41 2.75 0.00	43.80 2.49 -0.10	56.84 2.88 0.09	65.64 2.87 -19.93	49.53 3.01 -6.58
WEST CANADA___HYD 24049	58.10 0.28 0.00	39.79 0.16 0.00	36.22 0.14 0.00	40.00 0.12 0.00	42.60 0.13 0.00	47.43 0.14 0.00	50.08 0.16 0.00	67.37 0.27 0.00	56.13 0.24 0.00	58.21 0.28 0.00	34.68 0.17 0.00	46.99 0.22 0.00	231.52 1.09 0.00	48.14 0.23 0.00	42.86 0.25 0.00	37.19 0.18 0.00	46.58 0.20 0.00	64.25 0.17 0.00	48.73 0.08 0.00	47.74 0.08 0.00	41.25 0.04 0.00	54.26 0.20 0.00	42.97 0.14 0.00	40.08 0.13 0.00
WESTERN_NY_WIND 24143	51.68 -2.77 3.37	18.61 -1.76 19.26	34.40 -1.68 0.00	38.13 -1.74 0.00	40.67 -1.81 0.00	45.44 -1.85 0.00	45.61 -2.36 1.94	44.17 -3.28 19.65	39.88 -3.16 12.85	43.87 -4.16 9.91	26.55 -2.35 5.61	40.92 -3.60 2.26	148.56 -20.11 61.76	26.60 -3.76 17.55	23.85 -3.25 15.51	31.49 -2.75 2.76	23.90 -3.22 19.25	27.33 -3.41 33.34	44.92 -2.82 0.91	44.07 -2.73 0.85	32.79 -1.76 6.66	45.04 -0.82 8.21	38.75 -1.97 2.11	38.79 -1.15 0.00
WESTOVER___LESR 323668	63.45 0.40 -5.23	69.76 0.18 -29.95	36.23 0.15 0.00	40.01 0.14 0.00	42.60 0.12 0.00	47.47 0.18 0.00	53.15 0.28 -2.95	96.92 0.00 -29.81	75.63 0.01 -19.73	70.79 0.02 -12.83	43.32 -0.03 -8.84	50.88 0.06 -4.04	293.77 -0.06 -63.40	86.00 -0.08 -38.17	76.36 0.01 -33.74	41.14 -0.03 -4.17	76.21 0.01 -29.83	121.64 0.18 -57.38	50.94 0.14 -2.16	47.78 0.12 0.00	45.16 0.16 -3.80	56.66 0.82 -1.78	46.59 0.14 -3.61	40.22 0.28 0.00
WETHRSFD_WT_PWR 323626	48.93 -3.45 5.44	6.02 -2.47 31.14	33.84 -2.24 0.00	37.51 -2.36 0.00	39.98 -2.50 0.00	44.64 -2.65 0.00	43.62 -3.18 3.12	30.72 -4.89 31.49	31.13 -4.14 20.62	37.11 -4.74 16.08	22.71 -2.73 9.07	39.46 -3.73 3.59	107.97 -20.42 102.04	17.35 -4.38 26.17	15.66 -3.82 23.13	29.22 -3.38 4.41	11.05 -4.45 30.87	4.37 -5.91 53.81	43.13 -4.13 1.39	37.92 -4.29 5.46	9.11 -3.58 28.52	2.66 -2.47 48.93	33.22 -3.51 6.11	37.37 -2.57 0.00
WHAVSTOR_138KV_BK127 55557	61.12 2.78 -0.53	44.31 1.66 -3.02	37.47 1.39 0.00	41.26 1.38 0.00	43.91 1.44 0.00	49.17 1.89 0.00	52.12 2.20 0.00	69.67 2.57 0.00	58.10 2.21 0.00	60.60 2.67 0.00	35.91 1.40 0.00	49.26 2.36 -0.12	242.58 12.05 -0.10	55.55 2.52 -5.13	49.79 2.65 -4.53	39.02 2.02 0.00	48.99 2.62 0.00	69.02 3.69 -1.25	51.44 2.51 -0.29	49.78 2.13 0.00	43.14 1.82 -0.11	56.88 2.58 -0.24	45.54 2.21 -0.49	41.97 2.03 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	61.12 2.78 -0.53	44.31 1.66 -3.02	37.47 1.39 0.00	41.26 1.38 0.00	43.91 1.44 0.00	49.17 1.89 0.00	52.12 2.20 0.00	69.67 2.57 0.00	58.10 2.21 0.00	60.60 2.67 0.00	35.91 1.40 0.00	49.26 2.36 -0.12	242.58 12.05 -0.10	55.55 2.52 -5.13	49.79 2.65 -4.53	39.02 2.02 0.00	48.99 2.62 0.00	69.02 3.69 -1.25	51.44 2.51 -0.29	49.78 2.13 0.00	43.14 1.82 -0.11	56.88 2.58 -0.24	45.54 2.21 -0.49	41.97 2.03 0.00
WHITEHAL_115KV_TB1 80871	61.56 3.75 0.00	41.65 2.02 0.00	38.27 2.19 0.00	42.70 2.83 0.00	45.50 3.02 0.00	50.71 3.42 0.00	53.26 3.34 0.00	70.50 3.41 0.00	59.05 3.17 0.00	61.34 3.40 0.00	36.72 2.20 0.00	49.34 2.56 0.00	247.04 16.62 0.00	51.34 3.43 0.00	45.70 3.09 0.00	39.80 2.80 0.00	50.01 3.64 0.00	68.06 3.97 0.00	51.59 2.95 0.00	51.18 3.52 0.00	43.32 2.12 0.00	57.69 3.63 0.00	45.39 2.55 0.00	42.05 2.11 0.00
WHITEPLN_13_KV_LOAD 356215	61.18 3.37 0.00	41.71 2.07 0.00	37.92 1.84 0.00	41.75 1.87 0.00	44.42 1.94 0.00	49.74 2.45 0.00	52.72 2.80 0.00	70.52 3.42 0.00	58.84 2.95 0.00	61.34 3.41 0.00	36.32 1.81 0.00	49.90 3.01 -0.12	245.50 14.98 -0.09	55.91 3.14 -4.86	50.19 3.28 -4.30	39.54 2.54 0.00	49.61 3.24 0.00	69.81 4.55 -1.18	52.11 3.19 -0.28	50.44 2.78 0.00	43.68 2.37 -0.10	57.59 3.30 -0.23	46.07 2.78 -0.46	42.48 2.53 0.00
WM_FLOYD_69_KV_BK2 356380	64.10 3.71 -2.58	48.74 2.61 -6.50	38.55 2.46 -0.01	42.33 2.45 0.00	44.90 2.43 0.00	50.28 3.00 0.00	53.43 3.50 -0.01	71.09 3.99 0.00	64.29 3.44 -4.96	66.20 3.76 -4.50	41.71 1.95 -5.24	49.80 2.91 -0.12	240.52 8.66 -1.43	56.59 2.11 -6.57	60.95 3.13 -15.20	55.48 2.52 -15.96	52.05 3.32 -2.36	70.47 4.30 -2.09	58.55 3.01 -6.90	49.92 2.26 0.00	43.46 2.16 -0.10	56.61 2.32 -0.23	63.59 2.41 -18.35	48.74 2.76 -6.04
WOODARD___115KV_TB2 355635	56.65 -0.63 0.53	36.13 -0.48 3.03	35.63 -0.45 0.00	39.36 -0.51 0.00	41.92 -0.56 0.00	46.65 -0.64 0.00	48.82 -0.74 0.36	61.96 -1.48 3.67	52.55 -1.20 2.13	55.41 -1.28 1.25	32.98 -0.78 0.75	45.55 -1.06 0.16	224.60 -5.38 0.45	39.98 -1.19 6.73	35.50 -1.16 5.95	35.41 -1.08 0.51	43.16 -1.25 1.96	61.44 -1.37 1.28	47.33 -1.01 0.30	46.75 -0.91 0.00	40.36 -0.73 0.11	53.17 -0.65 0.25	41.58 -0.75 0.50	39.44 -0.50 0.00
YORK___WARBASSE 23770	61.17 3.35 0.00	41.69 2.06 0.00	37.87 1.79 0.00	41.67 1.80 0.00	44.36 1.89 0.00	49.72 2.43 0.00	52.70 2.78 0.00	70.42 3.32 0.00	58.66 2.77 0.00	61.12 3.19 0.00	36.07 1.55 0.00	49.74 2.85 -0.12	245.23 14.70 -0.09	55.77 3.01 -4.85	50.07 3.16 -4.29	39.37 2.36 0.00	49.36 2.99 0.00	69.49 4.23 -1.18	51.90 2.98 -0.27	50.14 2.49 0.00	43.44 2.13 -0.10	57.28 2.99 -0.23	45.93 2.63 -0.46	42.35 2.41 0.00