

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$		--- Marginal Cost of Losses										--- Marginal Cost of Congestion										06/19/2024			
Generator Data																									
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
59TH STREET_GT_1		EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
24138		41.29	41.62	29.46	26.86	34.99	32.57	33.16	45.66	42.89	56.47	43.90	47.42	51.22	81.64	77.84	64.21	55.10	64.91	57.60	64.25	73.94	55.07	43.06	36.94
		2.11	1.51	1.31	1.25	1.02	1.39	1.48	1.89	2.14	1.94	2.09	2.22	2.57	3.19	3.51	4.00	3.20	3.31	2.99	2.72	2.76	2.20	1.99	2.30
		0.00	-11.06	-2.54	-0.42	-10.25	0.00	0.00	-5.56	0.00	-17.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.25	-0.17	-0.08
74TH STREET_GT_1		41.34	41.64	29.49	26.89	35.00	32.60	33.17	45.59	42.82	56.38	43.81	47.35	51.15	81.58	77.78	64.16	55.10	64.98	57.71	64.37	74.13	55.17	43.15	37.02
24260		2.16	1.54	1.33	1.28	1.04	1.42	1.48	1.82	2.07	1.86	1.99	2.15	2.50	3.13	3.44	3.95	3.20	3.38	3.10	2.84	2.95	2.30	2.08	2.38
		0.00	-11.05	-2.54	-0.42	-10.25	0.00	0.00	-5.56	0.00	-17.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.25	-0.17	-0.08
74TH STREET_GT_2		41.34	41.64	29.49	26.89	35.00	32.60	33.17	45.59	42.82	56.38	43.81	47.35	51.15	81.58	77.78	64.16	55.10	64.98	57.71	64.37	74.13	55.17	43.15	37.02
24261		2.16	1.54	1.33	1.28	1.04	1.42	1.48	1.82	2.07	1.86	1.99	2.15	2.50	3.13	3.44	3.95	3.20	3.38	3.10	2.84	2.95	2.30	2.08	2.38
		0.00	-11.05	-2.54	-0.42	-10.25	0.00	0.00	-5.56	0.00	-17.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.25	-0.17	-0.08
ADK HUDSON___FALLS		42.20	32.88	27.87	27.08	26.94	33.55	34.05	41.88	43.43	41.96	44.34	47.88	51.70	84.32	80.59	66.18	56.69	67.25	60.14	67.75	77.96	60.47	46.77	37.89
24011		3.02	2.12	1.86	1.83	1.64	2.37	2.37	2.81	2.68	1.93	2.52	2.68	3.05	5.87	6.26	5.97	4.79	5.66	5.52	6.22	6.77	5.10	4.02	3.31
		0.00	-1.71	-0.39	-0.06	-1.58	0.00	0.00	-0.86	0.00	-2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.75	-1.84	-0.01
ADK RESOURCE___RCVRY		42.54	33.03	28.02	27.23	27.08	33.83	34.35	42.27	43.72	42.10	44.66	48.26	52.14	85.18	81.62	67.04	57.32	67.97	60.83	68.55	78.69	60.96	47.22	38.28
23798		3.36	2.28	2.01	1.98	1.79	2.65	2.67	3.20	2.97	2.08	2.85	3.06	3.48	6.74	7.28	6.83	5.42	6.37	6.22	7.02	7.50	5.66	4.52	3.70
		0.00	-1.70	-0.39	-0.06	-1.58	0.00	0.00	-0.86	0.00	-2.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.69	-1.80	-0.01
ADK S GLENS___FALLS		42.20	32.88	27.87	27.08	26.94	33.55	34.05	41.88	43.43	41.96	44.34	47.88	51.70	84.32	80.59	66.18	56.69	67.25	60.14	67.75	77.96	60.47	46.77	37.89
24028		3.02	2.12	1.86	1.83	1.64	2.37	2.37	2.81	2.68	1.93	2.52	2.68	3.05	5.87	6.26	5.97	4.79	5.66	5.52	6.22	6.77	5.10	4.02	3.31
		0.00	-1.71	-0.39	-0.06	-1.58	0.00	0.00	-0.86	0.00	-2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.75	-1.84	-0.01
ADK_NYS___DAM		41.38	32.96	27.72	26.86	27.10	33.04	33.33	41.08	42.32	41.67	42.80	46.31	50.13	80.65	76.97	63.40	54.57	64.52	57.52	64.56	74.48	59.71	46.23	36.88
23527		2.20	1.81	1.62	1.59	1.44	1.86	1.65	1.81	1.57	1.02	0.98	1.11	1.48	2.21	2.63	3.20	2.67	2.92	2.91	3.03	3.29	2.93	2.54	2.30
		0.00	-2.10	-0.48	-0.08	-1.95	0.00	0.00	-1.06	0.00	-3.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.16	-2.79	-0.02
AIR_PRODUCTS___DRP		39.87	31.60	26.75	26.03	26.01	31.93	32.30	39.68	41.12	40.36	41.79	45.12	48.76	78.36	74.60	61.22	52.65	62.32	55.38	62.17	71.83	48.62	38.45	35.45
24190		0.69	0.73	0.71	0.77	0.61	0.75	0.62	0.56	0.36	0.16	-0.02	-0.08	0.10	-0.09	0.27	1.01	0.75	0.72	0.77	0.63	0.64	0.76	0.75	0.87
		0.00	-1.81	-0.42	-0.07	-1.68	0.00	0.00	-0.91	0.00	-2.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.76	3.20	-0.01
AKWESSNE_115KV_BK		38.67	28.55	25.14	24.76	23.48	30.84	31.37	37.95	40.52	37.23	41.41	44.58	47.69	77.42	72.80	57.87	49.95	59.51	29.90	27.81	38.64	39.81	39.42	33.17
355683		-0.51	-0.50	-0.48	-0.43	-0.23	-0.34	-0.31	-0.26	-0.23	-0.16	-0.40	-0.62	-0.96	-1.02	-1.54	-2.33	-1.96	-2.09	-2.29	-2.38	-2.73	-2.09	-1.48	-1.40
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.42	31.34	29.81	10.72	0.00	0.00
ALBANY_1_SOLAR		40.71	32.03	27.27	26.56	26.35	32.61	32.99	40.18	41.74	40.58	42.19	45.45	49.15	78.90	75.20	62.05	53.53	63.54	56.37	63.33	73.41	49.94	39.49	36.26
323833		1.53	1.38	1.29	1.31	1.15	1.43	1.31	1.17	0.98	0.71	0.38	0.25	0.50	0.46	0.86	1.85	1.63	1.94	1.76	1.79	2.23	2.01	1.74	1.68
		0.00	-1.60	-0.37	-0.06	-1.48	0.00	0.00	-0.80	0.00	-2.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.69	3.15	-0.01
ALBANY_2_SOLAR		40.70	32.02	27.26	26.56	26.34	32.60	32.98	40.17	41.72	40.56	42.19	45.44	49.14	78.88	75.16	62.04	53.51	63.51	56.35	63.31	73.38	49.93	39.48	36.25
323834		1.52	1.37	1.28	1.30	1.14	1.42	1.30	1.16	0.97	0.70	0.37	0.24	0.48	0.44	0.82	1.83	1.61	1.91	1.74	1.77	2.19	2.00	1.72	1.67
		0.00	-1.60	-0.37	-0.06	-1.48	0.00	0.00	-0.81	0.00	-2.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.69	3.14	-0.01
ALBANY___1		39.87	31.60	26.75	26.03	26.01	31.93	32.30	39.68	41.12	40.36	41.79	45.12	48.76	78.36	74.60	61.22	52.65	62.32	55.38	62.17	71.83	48.62	38.45	35.45
23571		0.69	0.73	0.71	0.77	0.61	0.75	0.62	0.56	0.36	0.16	-0.02	-0.08	0.10	-0.09	0.27	1.01	0.75	0.72	0.77	0.63	0.64	0.76	0.75	0.87
		0.00	-1.81	-0.42	-0.07	-1.68	0.00	0.00	-0.91	0.00	-2.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.76	3.20	-0.01

ALBANY___2 23572	39.87 0.69 0.00	31.60 0.73 -1.81	26.75 0.71 -0.42	26.03 0.77 -0.07	26.01 0.61 -1.68	31.93 0.75 0.00	32.30 0.62 0.00	39.68 0.56 -0.91	41.12 0.36 0.00	40.36 0.16 -2.81	41.79 -0.02 0.00	45.12 -0.08 0.00	48.76 0.10 0.00	78.36 -0.09 0.00	74.60 0.27 0.00	61.22 1.01 0.00	52.65 0.75 0.00	62.32 0.72 0.00	55.38 0.77 0.00	62.17 0.63 0.00	71.83 0.64 0.00	48.62 0.76 4.76	38.45 0.75 3.20	35.45 0.87 -0.01
ALBANY___3 23573	39.87 0.69 0.00	31.60 0.73 -1.81	26.75 0.71 -0.42	26.03 0.77 -0.07	26.01 0.61 -1.68	31.93 0.75 0.00	32.30 0.62 0.00	39.68 0.56 -0.91	41.12 0.36 0.00	40.36 0.16 -2.81	41.79 -0.02 0.00	45.12 -0.08 0.00	48.76 0.10 0.00	78.36 -0.09 0.00	74.60 0.27 0.00	61.22 1.01 0.00	52.65 0.75 0.00	62.32 0.72 0.00	55.38 0.77 0.00	62.17 0.63 0.00	71.83 0.64 0.00	48.62 0.76 4.76	38.45 0.75 3.20	35.45 0.87 -0.01
ALBANY___4 23574	39.87 0.69 0.00	31.60 0.73 -1.81	26.75 0.71 -0.42	26.03 0.77 -0.07	26.01 0.61 -1.68	31.93 0.75 0.00	32.30 0.62 0.00	39.68 0.56 -0.91	41.12 0.36 0.00	40.36 0.16 -2.81	41.79 -0.02 0.00	45.12 -0.08 0.00	48.76 0.10 0.00	78.36 -0.09 0.00	74.60 0.27 0.00	61.22 1.01 0.00	52.65 0.75 0.00	62.32 0.72 0.00	55.38 0.77 0.00	62.17 0.63 0.00	71.83 0.64 0.00	48.62 0.76 4.76	38.45 0.75 3.20	35.45 0.87 -0.01
ALBANY___LFGE 323615	40.43 1.25 0.00	31.97 1.12 -1.80	27.06 1.03 -0.41	26.32 1.06 -0.07	26.28 0.89 -1.67	32.30 1.13 0.00	32.70 1.02 0.00	40.18 1.06 -0.91	41.69 0.93 0.00	40.88 0.70 -2.79	42.45 0.63 0.00	45.88 0.67 0.00	49.61 0.96 0.00	79.80 1.35 0.00	76.02 1.68 0.00	62.38 2.17 0.00	53.63 1.73 0.00	63.47 1.87 0.00	56.40 1.79 0.00	63.32 1.79 0.00	73.15 1.97 0.00	55.40 1.71 -1.07	43.07 1.45 -0.72	35.99 1.41 -0.01
ALCOA_PA_115KV_PL-6C 55860	38.64 -0.54 0.00	28.52 -0.54 0.00	25.11 -0.51 0.00	24.73 -0.46 0.00	23.46 -0.25 0.00	30.82 -0.36 0.00	31.38 -0.31 0.00	37.93 -0.28 0.00	40.42 -0.33 0.00	37.13 -0.25 0.00	41.29 -0.52 0.00	44.42 -0.78 0.00	47.51 -1.14 0.00	77.40 -1.05 0.00	73.34 -1.00 0.00	57.89 -2.32 0.00	49.98 -1.93 0.00	59.57 -2.03 0.00	21.73 -2.23 30.65	16.38 -2.30 42.84	27.90 -2.54 40.75	36.12 -1.84 14.66	39.45 -1.45 0.00	33.17 -1.40 0.00
ALCOA_RYNLDS___DRP 24188	38.64 -0.54 0.00	28.52 -0.54 0.00	25.11 -0.51 0.00	24.73 -0.46 0.00	23.46 -0.25 0.00	30.82 -0.36 0.00	31.38 -0.31 0.00	37.93 -0.28 0.00	40.42 -0.33 0.00	37.13 -0.25 0.00	41.29 -0.52 0.00	44.42 -0.78 0.00	47.51 -1.14 0.00	77.40 -1.05 0.00	73.34 -1.00 0.00	57.89 -2.32 0.00	49.98 -1.93 0.00	59.57 -2.03 0.00	21.73 -2.23 30.65	16.38 -2.30 42.84	27.90 -2.54 40.75	36.12 -1.84 14.66	39.45 -1.45 0.00	33.17 -1.40 0.00
ALCOA___DSASP 323711	38.64 -0.54 0.00	28.52 -0.54 0.00	25.11 -0.51 0.00	24.73 -0.46 0.00	23.46 -0.25 0.00	30.82 -0.36 0.00	31.38 -0.31 0.00	37.93 -0.28 0.00	40.42 -0.33 0.00	37.13 -0.25 0.00	41.29 -0.52 0.00	44.42 -0.78 0.00	47.51 -1.14 0.00	77.40 -1.05 0.00	73.35 -0.99 0.00	57.89 -2.32 0.00	49.98 -1.93 0.00	59.58 -2.02 0.00	21.73 -2.23 30.65	16.38 -2.31 42.84	27.90 -2.54 40.75	36.12 -1.84 14.66	39.45 -1.46 0.00	33.17 -1.41 0.00
ALLEGHENY___COGEN 23514	40.32 1.14 0.00	29.60 0.55 0.00	25.95 0.33 0.00	25.38 0.19 0.00	23.82 0.10 0.00	31.58 0.40 0.00	32.44 0.76 0.00	39.27 1.06 0.00	41.52 0.77 0.00	38.78 1.39 0.00	42.38 0.57 0.00	43.99 -1.21 0.00	47.45 -1.21 0.00	75.74 -2.71 0.00	71.56 -2.78 0.00	58.73 -1.48 0.00	51.38 -0.52 0.00	60.87 -0.73 0.00	54.92 0.31 0.00	62.44 0.91 0.00	73.38 2.19 0.00	54.89 2.27 0.00	45.64 4.75 0.00	37.98 3.41 0.00
ALTAMONT_115KV_TB 2 55880	40.19 1.01 0.00	31.68 0.89 -1.74	26.84 0.82 -0.40	26.10 0.84 -0.07	26.04 0.71 -1.61	32.08 0.90 0.00	32.51 0.83 0.00	39.94 0.85 -0.88	41.52 0.76 0.00	40.65 0.57 -2.70	42.34 0.52 0.00	45.73 0.53 0.00	49.37 0.72 0.00	79.32 0.88 0.00	75.50 1.16 0.00	61.86 1.65 0.00	53.21 1.31 0.00	63.02 1.42 0.00	56.03 1.42 0.00	62.95 1.41 0.00	72.77 1.59 0.00	51.45 1.39 2.56	40.41 1.23 1.72	35.81 1.22 -0.01
ALTONA_WT_PWR 323606	38.89 -0.29 0.00	28.74 -0.32 0.00	25.37 -0.25 0.00	24.94 -0.25 0.00	23.76 0.04 0.00	31.28 0.10 0.00	31.79 0.10 0.00	38.41 0.20 0.00	40.83 0.07 0.00	37.29 -0.10 0.00	41.49 -0.33 0.00	44.58 -0.62 0.00	47.70 -0.96 0.00	76.71 -1.74 0.00	72.21 -2.13 0.00	57.78 -2.42 0.00	49.32 -2.58 0.00	58.55 -3.05 0.00	29.97 -3.02 21.62	27.83 -3.49 30.22	38.19 -4.26 28.74	39.97 -2.31 10.34	39.33 -1.58 0.00	33.07 -1.50 0.00
AMERICAN_REF_FUEL 24010	38.39 -0.79 0.00	28.42 -0.64 0.00	25.05 -0.57 0.00	24.46 -0.73 0.00	22.90 -0.81 0.00	30.37 -0.81 0.00	31.02 -0.66 0.00	37.23 -0.98 0.00	40.55 -0.20 0.00	37.57 0.19 0.00	42.96 1.15 0.00	46.61 1.41 0.00	50.38 1.72 0.00	80.33 1.88 0.00	75.24 0.90 0.00	61.57 1.36 0.00	53.59 1.69 0.00	62.76 1.16 0.00	56.71 2.10 0.00	64.89 3.35 0.00	75.46 4.27 0.00	56.46 3.82 -0.02	43.85 2.92 -0.03	36.77 2.19 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	38.98 -0.20 0.00	28.51 -0.54 0.00	24.94 -0.68 0.00	24.21 -0.98 0.00	22.98 -0.74 0.00	30.65 -0.52 0.00	31.61 -0.07 0.00	38.88 0.67 0.00	42.70 1.95 0.00	39.69 2.30 0.00	45.53 3.72 0.00	49.75 4.55 0.00	53.74 5.09 0.00	84.99 6.54 0.00	80.10 5.76 0.00	65.69 5.48 0.00	57.00 5.10 0.00	66.69 5.10 0.00	60.22 5.61 0.00	68.56 7.03 0.00	80.54 9.35 0.00	59.70 7.07 -0.01	46.15 5.23 -0.02	38.48 3.91 0.00
ARTHUR KILL_GT_1 23520	40.86 1.68 0.00	33.48 1.15 -3.28	29.08 0.93 -2.54	26.45 0.84 -0.42	25.53 0.63 -1.19	32.05 0.86 0.00	32.60 0.92 0.01	39.20 1.13 0.14	42.08 1.35 0.02	42.27 1.29 -3.60	43.11 1.30 0.00	46.25 1.40 0.35	48.33 1.68 2.01	75.45 1.71 4.72	72.54 2.16 3.97	61.78 2.92 1.35	46.90 2.01 7.02	52.09 1.86 11.38	56.60 1.99 0.00	63.35 1.82 0.00	61.97 1.47 10.69	47.99 1.24 5.87	42.72 1.65 -0.17	36.70 2.05 -0.08
ARTHUR_KILL_2 23512	40.72 1.54 0.00	33.38 1.05 -3.28	29.00 0.84 -2.54	26.38 0.76 -0.42	25.45 0.55 -1.19	31.95 0.77 0.00	32.49 0.82 0.01	39.06 0.99 0.14	41.93 1.20 0.02	42.14 1.15 -3.60	42.95 1.14 0.00	46.07 1.22 0.35	48.12 1.48 2.01	75.10 1.37 4.72	72.19 1.82 3.97	61.50 2.64 1.35	46.64 1.75 7.02	51.78 1.56 11.38	56.33 1.72 0.00	63.02 1.49 0.00	61.60 1.10 10.69	47.73 0.98 5.87	42.52 1.45 -0.17	36.55 1.91 -0.08
ARTHUR_KILL_3 23513	40.81 1.63 0.00	33.45 1.12 -3.27	29.12 0.97 -2.54	26.55 0.93 -0.42	25.62 0.71 -1.19	32.15 0.97 0.00	32.69 1.01 0.00	39.30 1.23 0.14	42.15 1.40 0.01	42.24 1.25 -3.61	43.13 1.32 0.00	46.41 1.38 0.17	50.25 1.60 0.00	75.42 1.68 4.71	72.46 2.08 3.96	61.70 2.85 1.35	47.14 2.27 7.02	52.52 2.31 11.38	56.81 2.20 0.00	63.33 1.80 0.00	62.20 1.71 10.69	48.13 1.38 5.88	42.47 1.41 -0.17	36.46 1.82 -0.08

ARTHUR_KILL_COGEN 323718	40.86 1.68 0.00	33.48 1.15 -3.28	29.08 0.93 -2.54	26.45 0.84 -0.42	25.53 0.63 -1.19	32.05 0.86 0.00	32.60 0.92 0.01	39.20 1.13 0.14	42.08 1.35 0.02	42.27 1.29 -3.60	43.11 1.30 0.00	46.25 1.40 0.35	48.33 1.68 2.01	75.45 1.71 4.72	72.54 2.16 3.97	61.78 2.92 1.35	46.90 2.01 7.02	52.09 1.86 11.38	56.60 1.99 0.00	63.35 1.82 0.00	61.97 1.47 10.69	47.99 1.24 5.87	42.72 1.65 -0.17	36.70 2.05 -0.08
ASHOKAN____ 23654	41.35 2.17 0.00	30.73 1.68 0.00	27.09 1.47 0.00	26.64 1.45 0.00	24.95 1.24 0.00	32.80 1.62 0.00	33.45 1.77 0.00	40.34 2.13 0.00	42.88 2.13 0.00	39.36 1.97 0.00	43.62 1.80 0.00	47.10 1.90 0.00	50.94 2.29 0.00	82.08 3.63 0.00	78.53 4.19 0.00	65.20 5.00 0.00	55.68 3.78 0.00	65.35 3.75 0.00	57.87 3.26 0.00	64.71 3.17 0.00	74.76 3.57 0.00	52.18 2.80 3.24	40.88 2.16 2.18	36.45 1.88 0.00
ASTORIA_EAST_ENERGY_CC1 323581	41.07 1.89 0.00	41.44 1.34 -11.05	29.32 1.17 -2.54	26.73 1.12 -0.42	34.84 0.88 -10.25	32.39 1.21 0.00	32.95 1.26 0.00	45.24 1.48 -5.56	42.43 1.68 0.00	55.96 1.45 -17.13	43.27 1.46 0.00	46.76 1.55 0.00	50.38 1.72 0.00	80.35 1.90 0.00	76.67 2.33 0.00	63.26 3.06 0.00	54.29 2.39 0.00	63.97 2.37 0.00	56.84 2.24 0.01	63.47 1.94 0.01	73.10 1.92 0.00	54.46 1.60 -0.24	42.71 1.64 -0.17	36.75 2.11 -0.08
ASTORIA_EAST_ENERGY_CC2 323582	41.07 1.89 0.00	41.44 1.34 -11.05	29.32 1.17 -2.54	26.73 1.12 -0.42	34.84 0.88 -10.25	32.39 1.21 0.00	32.95 1.26 0.00	45.24 1.48 -5.56	42.43 1.68 0.00	55.96 1.45 -17.13	43.27 1.46 0.00	46.76 1.55 0.00	50.38 1.72 0.00	80.35 1.90 0.00	76.67 2.33 0.00	63.26 3.06 0.00	54.29 2.39 0.00	63.97 2.37 0.00	56.84 2.24 0.01	63.47 1.94 0.01	73.10 1.92 0.00	54.46 1.60 -0.24	42.71 1.64 -0.17	36.75 2.11 -0.08
ASTORIA_GT2_1 24094	41.09 1.91 0.00	41.46 1.36 -11.05	29.33 1.18 -2.54	26.73 1.12 -0.42	34.86 0.90 -10.25	32.38 1.21 0.00	32.98 1.30 0.00	45.26 1.49 -5.56	42.45 1.70 0.00	55.98 1.46 -17.13	43.30 1.49 0.00	46.78 1.58 0.00	50.41 1.76 0.00	80.41 1.96 0.00	76.71 2.37 0.00	63.29 3.08 0.00	54.33 2.42 0.00	64.02 2.42 0.00	56.89 2.28 0.01	63.49 1.98 0.02	73.14 1.97 0.01	54.49 1.63 -0.23	42.74 1.67 -0.17	36.77 2.12 -0.08
ASTORIA_GT2_2 24095	41.09 1.91 0.00	41.46 1.36 -11.05	29.33 1.18 -2.54	26.73 1.12 -0.42	34.86 0.90 -10.25	32.38 1.21 0.00	32.98 1.30 0.00	45.26 1.49 -5.56	42.45 1.70 0.00	55.98 1.46 -17.13	43.30 1.49 0.00	46.78 1.58 0.00	50.41 1.76 0.00	80.41 1.96 0.00	76.71 2.37 0.00	63.29 3.08 0.00	54.33 2.42 0.00	64.02 2.42 0.00	56.89 2.28 0.01	63.49 1.98 0.02	73.14 1.97 0.01	54.49 1.63 -0.23	42.74 1.67 -0.17	36.77 2.12 -0.08
ASTORIA_GT2_3 24096	41.09 1.91 0.00	41.46 1.36 -11.05	29.33 1.18 -2.54	26.73 1.12 -0.42	34.86 0.90 -10.25	32.38 1.21 0.00	32.98 1.30 0.00	45.26 1.49 -5.56	42.45 1.70 0.00	55.98 1.46 -17.13	43.30 1.49 0.00	46.78 1.58 0.00	50.41 1.76 0.00	80.41 1.96 0.00	76.71 2.37 0.00	63.29 3.08 0.00	54.33 2.42 0.00	64.02 2.42 0.00	56.89 2.28 0.01	63.49 1.98 0.02	73.14 1.97 0.01	54.49 1.63 -0.23	42.74 1.67 -0.17	36.77 2.12 -0.08
ASTORIA_GT2_4 24097	41.09 1.91 0.00	41.46 1.36 -11.05	29.33 1.18 -2.54	26.73 1.12 -0.42	34.86 0.90 -10.25	32.38 1.21 0.00	32.98 1.30 0.00	45.26 1.49 -5.56	42.45 1.70 0.00	55.98 1.46 -17.13	43.30 1.49 0.00	46.78 1.58 0.00	50.41 1.76 0.00	80.41 1.96 0.00	76.71 2.37 0.00	63.29 3.08 0.00	54.33 2.42 0.00	64.02 2.42 0.00	56.89 2.28 0.01	63.49 1.98 0.02	73.14 1.97 0.01	54.49 1.63 -0.23	42.74 1.67 -0.17	36.77 2.12 -0.08
ASTORIA_GT3_1 24098	41.09 1.91 0.00	41.46 1.36 -11.05	29.33 1.18 -2.54	26.73 1.12 -0.42	34.86 0.90 -10.25	32.38 1.21 0.00	32.98 1.30 0.00	45.26 1.49 -5.56	42.45 1.70 0.00	55.98 1.46 -17.13	43.30 1.49 0.00	46.78 1.58 0.00	50.41 1.76 0.00	80.41 1.96 0.00	76.71 2.37 0.00	63.29 3.08 0.00	54.33 2.42 0.00	64.02 2.42 0.00	56.89 2.28 0.01	63.49 1.98 0.02	73.14 1.97 0.01	54.49 1.63 -0.23	42.74 1.67 -0.17	36.77 2.12 -0.08
ASTORIA_GT3_2 24099	41.09 1.91 0.00	41.46 1.36 -11.05	29.33 1.18 -2.54	26.73 1.12 -0.42	34.86 0.90 -10.25	32.38 1.21 0.00	32.98 1.30 0.00	45.26 1.49 -5.56	42.45 1.70 0.00	55.98 1.46 -17.13	43.30 1.49 0.00	46.78 1.58 0.00	50.41 1.76 0.00	80.41 1.96 0.00	76.71 2.37 0.00	63.29 3.08 0.00	54.33 2.42 0.00	64.02 2.42 0.00	56.89 2.28 0.01	63.49 1.98 0.02	73.14 1.97 0.01	54.49 1.63 -0.23	42.74 1.67 -0.17	36.77 2.12 -0.08
ASTORIA_GT3_3 24100	41.09 1.91 0.00	41.46 1.36 -11.05	29.33 1.18 -2.54	26.73 1.12 -0.42	34.86 0.90 -10.25	32.38 1.21 0.00	32.98 1.30 0.00	45.26 1.49 -5.56	42.45 1.70 0.00	55.98 1.46 -17.13	43.30 1.49 0.00	46.78 1.58 0.00	50.41 1.76 0.00	80.41 1.96 0.00	76.71 2.37 0.00	63.29 3.08 0.00	54.33 2.42 0.00	64.02 2.42 0.00	56.89 2.28 0.01	63.49 1.98 0.02	73.14 1.97 0.01	54.49 1.63 -0.23	42.74 1.67 -0.17	36.77 2.12 -0.08
ASTORIA_GT3_4 24101	41.09 1.91 0.00	41.46 1.36 -11.05	29.33 1.18 -2.54	26.73 1.12 -0.42	34.86 0.90 -10.25	32.38 1.21 0.00	32.98 1.30 0.00	45.26 1.49 -5.56	42.45 1.70 0.00	55.98 1.46 -17.13	43.30 1.49 0.00	46.78 1.58 0.00	50.41 1.76 0.00	80.41 1.96 0.00	76.71 2.37 0.00	63.29 3.08 0.00	54.33 2.42 0.00	64.02 2.42 0.00	56.89 2.28 0.01	63.49 1.98 0.02	73.14 1.97 0.01	54.49 1.63 -0.23	42.74 1.67 -0.17	36.77 2.12 -0.08
ASTORIA_GT4_1 24102	41.09 1.91 0.00	41.46 1.36 -11.05	29.33 1.18 -2.54	26.73 1.12 -0.42	34.86 0.90 -10.25	32.38 1.21 0.00	32.98 1.30 0.00	45.26 1.49 -5.56	42.45 1.70 0.00	55.98 1.46 -17.13	43.30 1.49 0.00	46.78 1.58 0.00	50.41 1.76 0.00	80.41 1.96 0.00	76.71 2.37 0.00	63.29 3.08 0.00	54.33 2.42 0.00	64.02 2.42 0.00	56.89 2.28 0.01	63.49 1.98 0.02	73.14 1.97 0.01	54.49 1.63 -0.23	42.74 1.67 -0.17	36.77 2.12 -0.08
ASTORIA_GT4_2 24103	41.09 1.91 0.00	41.46 1.36 -11.05	29.33 1.18 -2.54	26.73 1.12 -0.42	34.86 0.90 -10.25	32.38 1.21 0.00	32.98 1.30 0.00	45.26 1.49 -5.56	42.45 1.70 0.00	55.98 1.46 -17.13	43.30 1.49 0.00	46.78 1.58 0.00	50.41 1.76 0.00	80.41 1.96 0.00	76.71 2.37 0.00	63.29 3.08 0.00	54.33 2.42 0.00	64.02 2.42 0.00	56.89 2.28 0.01	63.49 1.98 0.02	73.14 1.97 0.01	54.49 1.63 -0.23	42.74 1.67 -0.17	36.77 2.12 -0.08
ASTORIA_GT4_3 24104	41.09 1.91 0.00	41.46 1.36 -11.05	29.33 1.18 -2.54	26.73 1.12 -0.42	34.86 0.90 -10.25	32.38 1.21 0.00	32.98 1.30 0.00	45.26 1.49 -5.56	42.45 1.70 0.00	55.98 1.46 -17.13	43.30 1.49 0.00	46.78 1.58 0.00	50.41 1.76 0.00	80.41 1.96 0.00	76.71 2.37 0.00	63.29 3.08 0.00	54.33 2.42 0.00	64.02 2.42 0.00	56.89 2.28 0.01	63.49 1.98 0.02	73.14 1.97 0.01	54.49 1.63 -0.23	42.74 1.67 -0.17	36.77 2.12 -0.08

ASTORIA_GT4_4 24105	41.09 1.91 0.00	41.46 1.36 -11.05	29.33 1.18 -2.54	26.73 1.12 -0.42	34.86 0.90 -10.25	32.38 1.21 0.00	32.98 1.30 0.00	45.26 1.49 -5.56	42.45 1.70 0.00	55.98 1.46 -17.13	43.30 1.49 0.00	46.78 1.58 0.00	50.41 1.76 0.00	80.41 1.96 0.00	76.71 2.37 0.00	63.29 3.08 0.00	54.33 2.42 0.00	64.02 2.42 0.00	56.89 2.28 0.01	63.49 1.98 0.02	73.14 1.97 0.01	54.49 1.63 -0.23	42.74 1.67 -0.17	36.77 2.12 -0.08
ASTORIA_GT_1 23523	41.18 2.00 0.00	41.52 1.41 -11.05	29.38 1.22 -2.54	26.78 1.17 -0.42	34.90 0.94 -10.25	32.46 1.28 0.00	33.04 1.35 0.00	45.36 1.59 -5.56	42.55 1.80 0.00	56.08 1.56 -17.13	43.42 1.60 0.00	46.92 1.71 0.00	50.56 1.91 0.00	80.64 2.19 0.00	76.95 2.61 0.00	63.49 3.29 0.00	54.49 2.59 0.00	64.20 2.60 0.00	57.05 2.45 0.01	63.68 2.16 0.01	73.36 2.17 0.00	54.64 1.78 -0.24	42.84 1.77 -0.17	36.86 2.21 -0.08
ASTORIA_GT_10 24110	41.02 1.83 0.00	41.40 1.30 -11.05	29.27 1.12 -2.54	26.67 1.06 -0.42	34.80 0.84 -10.25	32.33 1.15 0.00	32.90 1.22 0.00	45.24 1.47 -5.56	42.44 1.69 0.00	56.00 1.49 -17.13	43.33 1.52 0.00	46.81 1.61 0.00	50.51 1.86 0.00	80.55 2.10 0.00	76.80 2.46 0.00	63.34 3.14 0.00	54.32 2.42 0.00	64.01 2.41 0.00	56.87 2.26 0.00	63.48 1.95 0.00	73.13 1.94 0.00	54.48 1.61 -0.25	42.70 1.63 -0.17	36.70 2.05 -0.08
ASTORIA_GT_11 24225	41.02 1.83 0.00	41.40 1.30 -11.05	29.27 1.12 -2.54	26.67 1.06 -0.42	34.80 0.84 -10.25	32.33 1.15 0.00	32.90 1.22 0.00	45.24 1.47 -5.56	42.44 1.69 0.00	56.00 1.49 -17.13	43.33 1.52 0.00	46.81 1.61 0.00	50.51 1.86 0.00	80.55 2.10 0.00	76.80 2.46 0.00	63.34 3.14 0.00	54.32 2.42 0.00	64.01 2.41 0.00	56.87 2.26 0.00	63.48 1.95 0.00	73.13 1.94 0.00	54.48 1.61 -0.25	42.70 1.63 -0.17	36.70 2.05 -0.08
ASTORIA_GT_12 24226	41.02 1.83 0.00	41.40 1.30 -11.05	29.27 1.12 -2.54	26.67 1.06 -0.42	34.80 0.84 -10.25	32.33 1.15 0.00	32.90 1.22 0.00	45.24 1.47 -5.56	42.44 1.69 0.00	56.00 1.49 -17.13	43.33 1.52 0.00	46.81 1.61 0.00	50.51 1.86 0.00	80.55 2.10 0.00	76.80 2.46 0.00	63.34 3.14 0.00	54.32 2.42 0.00	64.01 2.41 0.00	56.87 2.26 0.00	63.48 1.95 0.00	73.13 1.94 0.00	54.48 1.61 -0.25	42.70 1.63 -0.17	36.70 2.05 -0.08
ASTORIA_GT_13 24227	41.02 1.83 0.00	41.40 1.30 -11.05	29.27 1.12 -2.54	26.67 1.06 -0.42	34.80 0.84 -10.25	32.33 1.15 0.00	32.90 1.22 0.00	45.24 1.47 -5.56	42.44 1.69 0.00	56.00 1.49 -17.13	43.33 1.52 0.00	46.81 1.61 0.00	50.51 1.86 0.00	80.55 2.10 0.00	76.80 2.46 0.00	63.34 3.14 0.00	54.32 2.42 0.00	64.01 2.41 0.00	56.87 2.26 0.00	63.48 1.95 0.00	73.13 1.94 0.00	54.48 1.61 -0.25	42.70 1.63 -0.17	36.70 2.05 -0.08
ASTORIA_GT_5 24106	41.18 2.00 0.00	41.52 1.42 -11.05	29.38 1.23 -2.54	26.78 1.17 -0.42	34.90 0.94 -10.25	32.45 1.27 0.00	33.04 1.36 0.00	45.36 1.59 -5.56	42.55 1.80 0.00	56.08 1.56 -17.13	43.42 1.60 0.00	46.92 1.71 0.00	50.57 1.92 0.00	80.65 2.21 0.00	76.94 2.60 0.00	63.49 3.29 0.00	54.49 2.59 0.00	64.20 2.61 0.00	57.05 2.45 0.01	63.68 2.16 0.02	73.35 2.17 0.01	54.64 1.78 -0.23	42.84 1.77 -0.17	36.86 2.21 -0.08
ASTORIA_GT_7 24107	41.18 2.00 0.00	41.52 1.42 -11.05	29.38 1.23 -2.54	26.78 1.17 -0.42	34.90 0.94 -10.25	32.45 1.27 0.00	33.04 1.36 0.00	45.36 1.59 -5.56	42.55 1.80 0.00	56.08 1.56 -17.13	43.42 1.60 0.00	46.92 1.71 0.00	50.57 1.92 0.00	80.65 2.21 0.00	76.94 2.60 0.00	63.49 3.29 0.00	54.49 2.59 0.00	64.20 2.61 0.00	57.05 2.45 0.01	63.68 2.16 0.02	73.35 2.17 0.01	54.64 1.78 -0.23	42.84 1.77 -0.17	36.86 2.21 -0.08
ASTORIA_GT_8 24108	41.18 2.00 0.00	41.52 1.42 -11.05	29.38 1.23 -2.54	26.78 1.17 -0.42	34.90 0.94 -10.25	32.45 1.27 0.00	33.04 1.36 0.00	45.36 1.59 -5.56	42.55 1.80 0.00	56.08 1.56 -17.13	43.42 1.60 0.00	46.92 1.71 0.00	50.57 1.92 0.00	80.65 2.21 0.00	76.94 2.60 0.00	63.49 3.29 0.00	54.49 2.59 0.00	64.20 2.61 0.00	57.05 2.45 0.01	63.68 2.16 0.02	73.35 2.17 0.01	54.64 1.78 -0.23	42.84 1.77 -0.17	36.86 2.21 -0.08
ASTORIA___2 24149	41.09 1.91 0.00	41.46 1.35 -11.05	29.33 1.18 -2.54	26.73 1.12 -0.42	34.86 0.90 -10.25	32.40 1.22 0.00	32.97 1.29 0.00	45.26 1.49 -5.56	42.45 1.70 0.00	55.98 1.46 -17.13	43.30 1.49 0.00	46.78 1.57 0.00	50.41 1.75 0.00	80.40 1.95 0.00	76.72 2.38 0.00	63.29 3.08 0.00	54.33 2.42 0.00	64.01 2.42 0.00	56.88 2.28 0.01	63.50 1.97 0.01	73.15 1.96 0.00	54.49 1.63 -0.24	42.73 1.67 -0.17	36.77 2.12 -0.08
ASTORIA___3 23516	41.01 1.83 0.00	41.40 1.30 -11.05	29.27 1.12 -2.54	26.67 1.06 -0.42	34.80 0.84 -10.25	32.33 1.15 0.00	32.90 1.22 0.00	45.24 1.47 -5.56	42.45 1.69 0.00	56.00 1.48 -17.13	43.33 1.52 0.00	46.82 1.61 0.00	50.51 1.86 0.00	80.55 2.10 0.00	76.81 2.47 0.00	63.34 3.13 0.00	54.32 2.42 0.00	64.01 2.41 0.00	56.87 2.26 0.00	63.48 1.94 0.00	73.12 1.93 0.00	54.48 1.60 -0.25	42.69 1.62 -0.17	36.70 2.05 -0.08
ASTORIA___4 23517	41.01 1.83 0.00	41.40 1.30 -11.05	29.27 1.12 -2.54	26.67 1.06 -0.42	34.80 0.84 -10.25	32.33 1.15 0.00	32.90 1.22 0.00	45.24 1.47 -5.56	42.44 1.69 0.00	56.00 1.49 -17.13	43.33 1.52 0.00	46.81 1.61 0.00	50.51 1.86 0.00	80.55 2.10 0.00	76.80 2.46 0.00	63.34 3.13 0.00	54.32 2.42 0.00	64.01 2.41 0.00	56.87 2.26 0.00	63.48 1.95 0.00	73.13 1.94 0.00	54.48 1.61 -0.25	42.69 1.63 -0.17	36.70 2.05 -0.08
ASTORIA___5 23518	41.08 1.90 0.00	41.46 1.35 -11.05	29.33 1.18 -2.54	26.73 1.12 -0.42	34.86 0.90 -10.25	32.40 1.22 0.00	32.97 1.29 0.00	45.26 1.49 -5.56	42.45 1.70 0.00	55.98 1.46 -17.13	43.30 1.48 0.00	46.78 1.57 0.00	50.40 1.75 0.00	80.39 1.94 0.00	76.72 2.38 0.00	63.29 3.08 0.00	54.33 2.42 0.00	64.01 2.42 0.00	56.88 2.28 0.01	63.50 1.97 0.01	73.15 1.96 0.00	54.49 1.63 -0.24	42.73 1.67 -0.17	36.77 2.12 -0.08
AST_ENERGY_2_CC3 323677	40.93 1.75 0.00	41.34 1.23 -11.05	29.23 1.07 -2.54	26.65 1.04 -0.42	34.77 0.81 -10.25	32.26 1.08 0.00	32.80 1.12 0.00	45.14 1.37 -5.56	42.31 1.56 0.00	55.90 1.38 -17.14	43.24 1.43 0.00	46.73 1.53 0.00	50.47 1.82 0.00	80.47 2.03 0.00	76.75 2.41 0.00	63.31 3.11 0.00	54.39 2.49 0.00	64.15 2.55 0.00	57.00 2.39 0.00	63.57 2.04 0.00	73.21 2.03 0.00	54.48 1.60 -0.25	42.61 1.55 -0.17	36.59 1.94 -0.08
AST_ENERGY_2_CC4 323678	40.93 1.75 0.00	41.34 1.23 -11.05	29.23 1.07 -2.54	26.65 1.04 -0.42	34.77 0.81 -10.25	32.26 1.08 0.00	32.80 1.12 0.00	45.14 1.37 -5.56	42.31 1.56 0.00	55.90 1.38 -17.14	43.24 1.43 0.00	46.73 1.53 0.00	50.47 1.82 0.00	80.47 2.03 0.00	76.75 2.41 0.00	63.31 3.11 0.00	54.39 2.49 0.00	64.15 2.55 0.00	57.00 2.39 0.00	63.57 2.04 0.00	73.21 2.03 0.00	54.48 1.60 -0.25	42.61 1.55 -0.17	36.59 1.94 -0.08

ATHENS_STG_1 23668	40.14 0.96 0.00	32.23 0.81 -2.37	26.91 0.75 -0.54	26.04 0.76 -0.09	26.53 0.61 -2.20	31.97 0.79 0.00	32.40 0.72 0.00	40.17 0.77 -1.19	41.47 0.72 0.00	41.63 0.56 -3.68	42.41 0.59 0.00	45.84 0.64 0.00	49.51 0.86 0.00	79.22 0.78 0.00	75.41 1.07 0.00	61.85 1.64 0.00	53.18 1.28 0.00	62.88 1.28 0.00	55.92 1.31 0.00	62.69 1.16 0.00	72.43 1.24 0.00	53.75 1.13 0.00	42.01 1.11 0.00	35.80 1.21 -0.02
ATHENS_STG_2 23670	40.14 0.96 0.00	32.23 0.81 -2.37	26.91 0.75 -0.54	26.04 0.76 -0.09	26.53 0.61 -2.20	31.97 0.79 0.00	32.40 0.72 0.00	40.17 0.77 -1.19	41.47 0.72 0.00	41.63 0.56 -3.68	42.41 0.59 0.00	45.84 0.64 0.00	49.51 0.86 0.00	79.22 0.78 0.00	75.41 1.07 0.00	61.85 1.64 0.00	53.18 1.28 0.00	62.88 1.28 0.00	55.92 1.31 0.00	62.69 1.16 0.00	72.43 1.24 0.00	53.75 1.13 0.00	42.01 1.11 0.00	35.80 1.21 -0.02
ATHENS_STG_3 23677	40.14 0.96 0.00	32.23 0.81 -2.37	26.91 0.75 -0.54	26.04 0.76 -0.09	26.53 0.61 -2.20	31.97 0.79 0.00	32.40 0.72 0.00	40.17 0.77 -1.19	41.47 0.72 0.00	41.63 0.56 -3.68	42.41 0.59 0.00	45.84 0.64 0.00	49.51 0.86 0.00	79.22 0.78 0.00	75.41 1.07 0.00	61.85 1.64 0.00	53.18 1.28 0.00	62.88 1.28 0.00	55.92 1.31 0.00	62.69 1.16 0.00	72.43 1.24 0.00	53.75 1.13 0.00	42.01 1.11 0.00	35.80 1.21 -0.02
AUBURN___LFGE 323710	39.82 0.62 -0.02	29.48 0.43 0.00	25.93 0.31 0.00	25.36 0.17 0.00	23.91 0.20 0.00	31.58 0.40 0.00	32.21 0.52 0.00	40.28 0.68 -1.39	46.03 0.87 -4.41	38.76 0.90 -0.46	49.11 1.27 -6.03	57.31 1.67 -10.44	59.93 2.00 -9.28	83.23 2.87 -1.91	84.64 2.53 -7.78	68.09 2.35 -5.54	58.42 2.25 -4.27	69.58 2.42 -5.57	61.97 2.79 -4.58	70.82 3.48 -5.81	80.89 4.18 -5.52	57.66 3.05 -1.99	43.04 2.14 0.00	36.15 1.58 0.00
BABYLON_RES_REC 323704	90.84 2.55 -49.10	90.03 1.90 -59.08	51.54 1.67 -24.26	29.06 1.59 -2.28	35.34 1.29 -10.34	32.93 1.76 0.00	33.41 1.72 0.00	45.86 2.04 -5.61	43.12 2.37 0.00	63.00 2.20 -23.42	82.12 2.59 -37.71	78.37 2.72 -30.45	93.15 3.07 -41.43	87.61 3.68 -5.48	86.43 4.12 -7.97	80.98 4.70 -16.08	89.39 3.85 -33.63	101.16 4.22 -35.34	106.44 3.96 -47.88	72.44 3.99 -6.92	74.71 3.52 0.00	55.91 3.04 -0.25	46.01 2.62 -2.49	40.30 2.75 -2.98
BABYLON__69_KV_BK2 356345	91.23 2.95 -49.10	90.35 2.22 -59.08	51.84 1.97 -24.25	29.35 1.88 -2.28	35.60 1.55 -10.34	33.30 2.12 0.00	33.77 2.09 0.00	46.33 2.51 -5.61	43.67 2.92 0.00	63.57 2.77 -23.42	82.77 3.25 -37.71	80.36 3.39 -31.77	110.34 3.75 -57.94	96.51 4.73 -13.34	93.68 5.08 -14.26	83.84 5.49 -18.15	100.50 4.53 -44.07	119.72 5.01 -53.11	129.32 4.69 -70.02	73.38 4.87 -6.97	75.81 4.63 0.00	56.77 3.90 -0.25	46.67 3.29 -2.49	40.81 3.26 -2.98
BALL_HILL_WT_PWR 323825	39.17 -0.01 0.00	28.75 -0.31 0.00	25.21 -0.41 0.00	24.57 -0.63 0.00	23.25 -0.47 0.00	30.91 -0.27 0.00	31.72 0.04 0.00	38.62 0.41 0.00	42.12 1.37 0.00	39.07 1.68 0.00	44.68 2.86 0.00	48.65 3.45 0.00	52.54 3.89 0.00	83.49 5.04 0.00	78.62 4.27 0.00	64.41 4.21 0.00	55.93 4.03 0.00	65.52 3.93 0.00	59.13 4.53 0.00	67.35 5.82 0.00	78.68 7.49 0.00	58.42 5.79 -0.01	45.22 4.30 -0.02	37.77 3.20 0.00
BARON_WINDS___WT_PWR 323822	39.27 0.08 0.00	28.83 -0.23 0.00	25.22 -0.40 0.00	24.69 -0.50 0.00	23.18 -0.53 0.00	30.76 -0.42 0.00	31.57 -0.11 0.00	38.66 0.11 -0.35	42.57 0.72 -1.09	38.67 1.17 -0.11	45.21 1.91 -1.50	50.16 2.37 -2.59	53.68 2.73 -2.30	82.25 3.34 -0.47	79.38 3.11 -1.92	64.82 3.24 -1.37	56.05 3.10 -1.06	66.10 3.12 -1.38	58.26 3.54 -0.10	65.90 4.37 0.00	76.64 5.45 0.00	56.61 3.98 0.00	43.80 2.89 -0.01	36.57 2.00 0.00
BARRETT_IC_1 23704	90.55 2.27 -49.10	89.78 1.64 -59.08	51.31 1.43 -24.26	28.84 1.37 -2.28	35.16 1.10 -10.34	32.69 1.51 0.00	33.09 1.40 0.00	45.21 1.40 -5.61	42.35 1.60 0.00	62.32 1.52 -23.42	81.36 1.83 -37.71	77.11 2.09 -29.81	84.61 2.39 -33.57	82.69 2.51 -1.74	82.30 2.98 -4.99	78.96 3.66 -15.10	83.65 3.08 -28.67	91.97 3.50 -26.88	95.17 3.23 -37.33	71.16 2.73 -6.90	73.44 2.25 0.00	55.00 2.13 -0.25	45.38 1.99 -2.49	39.93 2.38 -2.98
BARRETT_IC_10 23701	90.55 2.27 -49.10	89.78 1.64 -59.08	51.31 1.43 -24.26	28.84 1.37 -2.28	35.16 1.10 -10.34	32.69 1.51 0.00	33.09 1.40 0.00	45.21 1.40 -5.61	42.35 1.60 0.00	62.32 1.52 -23.42	81.36 1.83 -37.71	77.11 2.09 -29.81	84.61 2.39 -33.57	82.69 2.51 -1.74	82.30 2.98 -4.99	78.96 3.66 -15.10	83.65 3.08 -28.67	91.97 3.50 -26.88	95.17 3.23 -37.33	71.16 2.73 -6.90	73.44 2.25 0.00	55.00 2.13 -0.25	45.38 1.99 -2.49	39.93 2.38 -2.98
BARRETT_IC_11 23702	90.55 2.27 -49.10	89.78 1.64 -59.08	51.31 1.43 -24.26	28.84 1.37 -2.28	35.16 1.10 -10.34	32.69 1.51 0.00	33.09 1.40 0.00	45.21 1.40 -5.61	42.35 1.60 0.00	62.32 1.52 -23.42	81.36 1.83 -37.71	77.11 2.09 -29.81	84.61 2.39 -33.57	82.69 2.51 -1.74	82.30 2.98 -4.99	78.96 3.66 -15.10	83.65 3.08 -28.67	91.97 3.50 -26.88	95.17 3.23 -37.33	71.16 2.73 -6.90	73.44 2.25 0.00	55.00 2.13 -0.25	45.38 1.99 -2.49	39.93 2.38 -2.98
BARRETT_IC_12 23703	90.55 2.27 -49.10	89.78 1.64 -59.08	51.31 1.43 -24.26	28.84 1.37 -2.28	35.16 1.10 -10.34	32.69 1.51 0.00	33.09 1.40 0.00	45.21 1.40 -5.61	42.35 1.60 0.00	62.32 1.52 -23.42	81.36 1.83 -37.71	77.11 2.09 -29.81	84.61 2.39 -33.57	82.69 2.51 -1.74	82.30 2.98 -4.99	78.96 3.66 -15.10	83.65 3.08 -28.67	91.97 3.50 -26.88	95.17 3.23 -37.33	71.16 2.73 -6.90	73.44 2.25 0.00	55.00 2.13 -0.25	45.38 1.99 -2.49	39.93 2.38 -2.98
BARRETT_IC_2 23705	90.55 2.27 -49.10	89.78 1.64 -59.08	51.31 1.43 -24.26	28.84 1.37 -2.28	35.16 1.10 -10.34	32.69 1.51 0.00	33.09 1.40 0.00	45.21 1.40 -5.61	42.35 1.60 0.00	62.32 1.52 -23.42	81.36 1.83 -37.71	77.11 2.09 -29.81	84.61 2.39 -33.57	82.69 2.51 -1.74	82.30 2.98 -4.99	78.96 3.66 -15.10	83.65 3.08 -28.67	91.97 3.50 -26.88	95.17 3.23 -37.33	71.16 2.73 -6.90	73.44 2.25 0.00	55.00 2.13 -0.25	45.38 1.99 -2.49	39.93 2.38 -2.98
BARRETT_IC_3 23706	90.55 2.27 -49.10	89.78 1.64 -59.08	51.31 1.43 -24.26	28.84 1.37 -2.28	35.16 1.10 -10.34	32.69 1.51 0.00	33.09 1.40 0.00	45.21 1.40 -5.61	42.35 1.60 0.00	62.32 1.52 -23.42	81.36 1.83 -37.71	77.11 2.09 -29.81	84.61 2.39 -33.57	82.69 2.51 -1.74	82.30 2.98 -4.99	78.96 3.66 -15.10	83.65 3.08 -28.67	91.97 3.50 -26.88	95.17 3.23 -37.33	71.16 2.73 -6.90	73.44 2.25 0.00	55.00 2.13 -0.25	45.38 1.99 -2.49	39.93 2.38 -2.98
BARRETT_IC_4 23707	90.55 2.27 -49.10	89.78 1.64 -59.08	51.31 1.43 -24.26	28.84 1.37 -2.28	35.16 1.10 -10.34	32.69 1.51 0.00	33.09 1.40 0.00	45.21 1.40 -5.61	42.35 1.60 0.00	62.32 1.52 -23.42	81.36 1.83 -37.71	77.11 2.09 -29.81	84.61 2.39 -33.57	82.69 2.51 -1.74	82.30 2.98 -4.99	78.96 3.66 -15.10	83.65 3.08 -28.67	91.97 3.50 -26.88	95.17 3.23 -37.33	71.16 2.73 -6.90	73.44 2.25 0.00	55.00 2.13 -0.25	45.38 1.99 -2.49	39.93 2.38 -2.98

BARRETT_IC_5 23708	90.55 2.27 -49.10	89.78 1.64 -59.08	51.31 1.43 -24.26	28.84 1.37 -2.28	35.16 1.10 -10.34	32.69 1.51 0.00	33.09 1.40 0.00	45.21 1.40 -5.61	42.35 1.60 0.00	62.32 1.52 -23.42	81.36 1.83 -37.71	77.11 2.09 -29.81	84.61 2.39 -33.57	82.69 2.51 -1.74	82.30 2.98 -4.99	78.96 3.66 -15.10	83.65 3.08 -28.67	91.97 3.50 -26.88	95.17 3.23 -37.33	71.16 2.73 -6.90	73.44 2.25 0.00	55.00 2.13 -0.25	45.38 1.99 -2.49	39.93 2.38 -2.98
BARRETT_IC_6 23709	90.55 2.27 -49.10	89.78 1.64 -59.08	51.31 1.43 -24.26	28.84 1.37 -2.28	35.16 1.10 -10.34	32.69 1.51 0.00	33.09 1.40 0.00	45.21 1.40 -5.61	42.35 1.60 0.00	62.32 1.52 -23.42	81.36 1.83 -37.71	77.11 2.09 -29.81	84.61 2.39 -33.57	82.69 2.51 -1.74	82.30 2.98 -4.99	78.96 3.66 -15.10	83.65 3.08 -28.67	91.97 3.50 -26.88	95.17 3.23 -37.33	71.16 2.73 -6.90	73.44 2.25 0.00	55.00 2.13 -0.25	45.38 1.99 -2.49	39.93 2.38 -2.98
BARRETT_IC_7 23710	90.55 2.27 -49.10	89.77 1.65 -59.08	51.30 1.43 -24.25	28.84 1.37 -2.28	35.16 1.10 -10.34	32.69 1.51 0.00	33.09 1.41 0.00	45.21 1.40 -5.61	42.36 1.60 0.00	62.32 1.52 -23.42	81.36 1.83 -37.71	77.11 2.09 -29.81	84.61 2.39 -33.57	82.71 2.53 -1.74	82.30 2.98 -4.99	78.96 3.66 -15.10	83.65 3.08 -28.67	91.98 3.50 -26.88	95.17 3.24 -37.33	71.16 2.73 -6.90	73.45 2.26 0.00	55.00 2.13 -0.25	45.39 2.00 -2.49	39.93 2.38 -2.98
BARRETT_IC_8 23711	90.55 2.27 -49.10	89.78 1.64 -59.08	51.31 1.43 -24.26	28.84 1.37 -2.28	35.16 1.10 -10.34	32.69 1.51 0.00	33.09 1.40 0.00	45.21 1.40 -5.61	42.35 1.60 0.00	62.32 1.52 -23.42	81.36 1.83 -37.71	77.11 2.09 -29.81	84.61 2.39 -33.57	82.69 2.51 -1.74	82.30 2.98 -4.99	78.96 3.66 -15.10	83.65 3.08 -28.67	91.97 3.50 -26.88	95.17 3.23 -37.33	71.16 2.73 -6.90	73.44 2.25 0.00	55.00 2.13 -0.25	45.38 1.99 -2.49	39.93 2.38 -2.98
BARRETT_IC_9 23700	90.55 2.27 -49.10	89.78 1.64 -59.08	51.31 1.43 -24.26	28.84 1.37 -2.28	35.16 1.10 -10.34	32.69 1.51 0.00	33.09 1.40 0.00	45.21 1.40 -5.61	42.35 1.60 0.00	62.32 1.52 -23.42	81.36 1.83 -37.71	77.11 2.09 -29.81	84.61 2.39 -33.57	82.69 2.51 -1.74	82.30 2.98 -4.99	78.96 3.66 -15.10	83.65 3.08 -28.67	91.97 3.50 -26.88	95.17 3.23 -37.33	71.16 2.73 -6.90	73.44 2.25 0.00	55.00 2.13 -0.25	45.38 1.99 -2.49	39.93 2.38 -2.98
BARRETT___1 23545	90.55 2.27 -49.10	89.78 1.64 -59.08	51.31 1.43 -24.26	28.84 1.37 -2.28	35.16 1.10 -10.34	32.69 1.51 0.00	33.09 1.40 0.00	45.21 1.40 -5.61	42.35 1.60 0.00	62.32 1.52 -23.42	81.36 1.83 -37.71	77.11 2.09 -29.81	84.61 2.39 -33.57	82.69 2.51 -1.74	82.30 2.98 -4.99	78.96 3.66 -15.10	83.65 3.08 -28.67	91.97 3.50 -26.88	95.17 3.23 -37.33	71.16 2.73 -6.90	73.44 2.25 0.00	55.00 2.13 -0.25	45.38 1.99 -2.49	39.93 2.38 -2.98
BARRETT___2 23546	90.55 2.27 -49.10	89.78 1.64 -59.08	51.31 1.43 -24.26	28.84 1.37 -2.28	35.16 1.10 -10.34	32.69 1.51 0.00	33.09 1.40 0.00	45.21 1.40 -5.61	42.35 1.60 0.00	62.32 1.52 -23.42	81.36 1.83 -37.71	77.11 2.09 -29.81	84.61 2.39 -33.57	82.69 2.51 -1.74	82.30 2.98 -4.99	78.96 3.66 -15.10	83.65 3.08 -28.67	91.97 3.50 -26.88	95.17 3.23 -37.33	71.16 2.73 -6.90	73.44 2.25 0.00	55.00 2.13 -0.25	45.38 1.99 -2.49	39.93 2.38 -2.98
BATAVIA__115KV_TB1 55881	40.37 1.19 0.00	29.79 0.73 0.00	26.21 0.59 0.00	25.59 0.40 0.00	24.00 0.28 0.00	31.81 0.63 0.00	32.54 0.86 0.00	39.28 1.07 0.00	42.74 1.99 0.00	39.75 2.36 0.00	45.15 3.33 0.00	48.56 3.35 0.00	52.45 3.80 0.00	83.65 5.20 0.00	78.40 4.06 0.00	64.32 4.11 0.00	56.08 4.18 0.00	65.94 4.34 0.00	59.42 4.81 0.00	67.92 6.38 0.00	79.05 7.86 0.00	59.16 6.37 -0.17	46.40 5.22 -0.27	38.53 3.95 -0.01
BAYONEEC___CTG1 323682	40.98 1.80 0.00	41.38 1.27 -11.05	29.25 1.10 -2.54	26.66 1.05 -0.42	34.79 0.82 -10.25	32.30 1.12 0.00	32.84 1.16 0.00	45.19 1.42 -5.56	42.35 1.60 0.00	55.95 1.43 -17.14	43.30 1.48 0.00	46.60 1.57 0.17	50.50 1.85 0.00	75.82 2.08 4.71	72.82 2.45 3.96	62.00 3.14 1.35	47.40 2.52 7.02	52.80 2.59 11.38	57.03 2.42 0.00	63.62 2.09 0.00	62.55 2.06 10.69	48.39 1.65 5.88	42.67 1.60 -0.17	36.64 2.00 -0.08
BAYONEEC___CTG10 323750	40.98 1.80 0.00	41.38 1.27 -11.05	29.25 1.10 -2.54	26.66 1.05 -0.42	34.79 0.82 -10.25	32.30 1.12 0.00	32.84 1.16 0.00	45.19 1.42 -5.56	42.35 1.60 0.00	55.95 1.43 -17.14	43.30 1.48 0.00	46.60 1.57 0.17	50.50 1.85 0.00	75.82 2.08 4.71	72.82 2.45 3.96	62.00 3.14 1.35	47.40 2.52 7.02	52.80 2.59 11.38	57.03 2.42 0.00	63.62 2.09 0.00	62.55 2.06 10.69	48.39 1.65 5.88	42.67 1.60 -0.17	36.64 2.00 -0.08
BAYONEEC___CTG2 323683	40.98 1.80 0.00	41.38 1.27 -11.05	29.25 1.10 -2.54	26.66 1.05 -0.42	34.79 0.82 -10.25	32.30 1.12 0.00	32.84 1.16 0.00	45.19 1.42 -5.56	42.35 1.60 0.00	55.95 1.43 -17.14	43.30 1.48 0.00	46.60 1.57 0.17	50.50 1.85 0.00	75.82 2.08 4.71	72.82 2.45 3.96	62.00 3.14 1.35	47.40 2.52 7.02	52.80 2.59 11.38	57.03 2.42 0.00	63.62 2.09 0.00	62.55 2.06 10.69	48.39 1.65 5.88	42.67 1.60 -0.17	36.64 2.00 -0.08
BAYONEEC___CTG3 323684	40.98 1.80 0.00	41.38 1.27 -11.05	29.25 1.10 -2.54	26.66 1.05 -0.42	34.79 0.82 -10.25	32.30 1.12 0.00	32.84 1.16 0.00	45.19 1.42 -5.56	42.35 1.60 0.00	55.95 1.43 -17.14	43.30 1.48 0.00	46.60 1.57 0.17	50.50 1.85 0.00	75.82 2.08 4.71	72.82 2.45 3.96	62.00 3.14 1.35	47.40 2.52 7.02	52.80 2.59 11.38	57.03 2.42 0.00	63.62 2.09 0.00	62.55 2.06 10.69	48.39 1.65 5.88	42.67 1.60 -0.17	36.64 2.00 -0.08
BAYONEEC___CTG4 323685	40.98 1.80 0.00	41.38 1.27 -11.05	29.25 1.10 -2.54	26.66 1.05 -0.42	34.79 0.82 -10.25	32.30 1.12 0.00	32.84 1.16 0.00	45.19 1.42 -5.56	42.35 1.60 0.00	55.95 1.43 -17.14	43.30 1.48 0.00	46.60 1.57 0.17	50.50 1.85 0.00	75.82 2.08 4.71	72.82 2.45 3.96	62.00 3.14 1.35	47.40 2.52 7.02	52.80 2.59 11.38	57.03 2.42 0.00	63.62 2.09 0.00	62.55 2.06 10.69	48.39 1.65 5.88	42.67 1.60 -0.17	36.64 2.00 -0.08
BAYONEEC___CTG5 323686	40.98 1.80 0.00	41.38 1.27 -11.05	29.25 1.10 -2.54	26.66 1.05 -0.42	34.79 0.82 -10.25	32.30 1.12 0.00	32.84 1.16 0.00	45.19 1.42 -5.56	42.35 1.60 0.00	55.95 1.43 -17.14	43.30 1.48 0.00	46.60 1.57 0.17	50.50 1.85 0.00	75.82 2.08 4.71	72.82 2.45 3.96	62.00 3.14 1.35	47.40 2.52 7.02	52.80 2.59 11.38	57.03 2.42 0.00	63.62 2.09 0.00	62.55 2.06 10.69	48.39 1.65 5.88	42.67 1.60 -0.17	36.64 2.00 -0.08
BAYONEEC___CTG6 323687	40.98 1.80 0.00	41.38 1.27 -11.05	29.25 1.10 -2.54	26.66 1.05 -0.42	34.79 0.82 -10.25	32.30 1.12 0.00	32.84 1.16 0.00	45.19 1.42 -5.56	42.35 1.60 0.00	55.95 1.43 -17.14	43.30 1.48 0.00	46.60 1.57 0.17	50.50 1.85 0.00	75.82 2.08 4.71	72.82 2.45 3.96	62.00 3.14 1.35	47.40 2.52 7.02	52.80 2.59 11.38	57.03 2.42 0.00	63.62 2.09 0.00	62.55 2.06 10.69	48.39 1.65 5.88	42.67 1.60 -0.17	36.64 2.00 -0.08

BAYONEEC___CTG7 323688	40.98 1.80 0.00	41.38 1.27 -11.05	29.25 1.10 -2.54	26.66 1.05 -0.42	34.79 0.82 -10.25	32.30 1.12 0.00	32.84 1.16 0.00	45.19 1.42 -5.56	42.35 1.60 0.00	55.95 1.43 -17.14	43.30 1.48 0.00	46.60 1.57 0.17	50.50 1.85 0.00	75.82 2.08 4.71	72.82 2.45 3.96	62.00 3.14 1.35	47.40 2.52 7.02	52.80 2.59 11.38	57.03 2.42 0.00	63.62 2.09 0.00	62.55 2.06 10.69	48.39 1.65 5.88	42.67 1.60 -0.17	36.64 2.00 -0.08
BAYONEEC___CTG8 323689	40.98 1.80 0.00	41.38 1.27 -11.05	29.25 1.10 -2.54	26.66 1.05 -0.42	34.79 0.82 -10.25	32.30 1.12 0.00	32.84 1.16 0.00	45.19 1.42 -5.56	42.35 1.60 0.00	55.95 1.43 -17.14	43.30 1.48 0.00	46.60 1.57 0.17	50.50 1.85 0.00	75.82 2.08 4.71	72.82 2.45 3.96	62.00 3.14 1.35	47.40 2.52 7.02	52.80 2.59 11.38	57.03 2.42 0.00	63.62 2.09 0.00	62.55 2.06 10.69	48.39 1.65 5.88	42.67 1.60 -0.17	36.64 2.00 -0.08
BAYONEEC___CTG9 323749	40.98 1.80 0.00	41.38 1.27 -11.05	29.25 1.10 -2.54	26.66 1.05 -0.42	34.79 0.82 -10.25	32.30 1.12 0.00	32.84 1.16 0.00	45.19 1.42 -5.56	42.35 1.60 0.00	55.95 1.43 -17.14	43.30 1.48 0.00	46.60 1.57 0.17	50.50 1.85 0.00	75.82 2.08 4.71	72.82 2.45 3.96	62.00 3.14 1.35	47.40 2.52 7.02	52.80 2.59 11.38	57.03 2.42 0.00	63.62 2.09 0.00	62.55 2.06 10.69	48.39 1.65 5.88	42.67 1.60 -0.17	36.64 2.00 -0.08
BEACON___LESR 323632	40.45 1.27 0.00	31.99 1.11 -1.83	27.05 1.01 -0.42	26.31 1.05 -0.07	26.30 0.89 -1.69	32.32 1.14 0.00	32.78 1.10 0.00	40.35 1.23 -0.92	41.81 1.06 0.00	41.02 0.81 -2.83	42.58 0.77 0.00	46.04 0.83 0.00	49.54 0.88 0.00	79.78 1.33 0.00	76.03 1.69 0.00	62.37 2.16 0.00	53.81 1.92 0.00	63.81 2.21 0.00	56.48 1.87 0.00	63.51 1.97 0.00	73.27 2.08 0.00	45.31 1.87 9.18	36.17 1.43 6.16	36.01 1.42 -0.01
BEAVER RIVER___HYD 24048	40.31 1.12 -0.01	29.40 0.35 0.00	25.98 0.36 0.00	25.35 0.15 0.00	23.82 0.10 0.00	31.52 0.33 0.00	32.62 0.94 0.00	40.34 1.32 -0.81	44.80 1.49 -2.56	38.99 1.33 -0.27	46.80 1.48 -3.51	52.94 1.67 -6.07	56.00 1.95 -5.40	82.90 3.35 -1.11	82.23 3.37 -4.52	65.84 2.41 -3.22	56.40 2.01 -2.48	67.18 2.35 -3.24	138.01 3.77 -80.70	177.77 3.77 -112.47	183.17 5.01 -106.98	94.49 3.40 -38.48	43.42 2.51 0.00	36.20 1.62 0.00
BEEBEE_GT_13 23619	39.70 0.52 0.00	29.35 0.29 0.00	25.85 0.23 0.00	25.29 0.10 0.00	23.73 0.02 0.00	31.38 0.20 0.00	32.01 0.32 0.00	38.67 0.46 0.00	41.88 1.13 0.00	38.81 1.42 0.00	44.05 2.23 0.00	47.84 2.64 0.00	51.79 3.14 0.00	82.87 4.42 0.00	78.00 3.66 0.00	63.77 3.56 0.00	55.38 3.48 0.00	65.24 3.64 0.00	58.57 3.96 0.00	66.51 4.98 0.00	77.14 5.95 0.00	57.25 4.64 0.01	44.31 3.42 0.01	37.08 2.50 0.00
BENSHRST_27_KV_BENSHRST_1 355998	41.36 2.18 0.00	41.64 1.54 -11.05	29.45 1.29 -2.54	26.83 1.22 -0.42	34.94 0.98 -10.25	32.52 1.34 0.00	33.10 1.42 0.00	45.50 1.73 -5.56	42.78 2.03 0.00	56.43 1.91 -17.13	43.86 2.04 0.00	47.44 2.24 0.00	51.23 2.58 0.00	81.58 3.14 0.00	77.75 3.42 0.00	64.10 3.89 0.00	54.83 2.92 0.00	64.57 2.97 0.00	57.43 2.82 0.00	64.25 2.72 0.00	73.87 2.68 0.00	55.07 2.19 -0.25	43.26 2.20 -0.17	37.14 2.49 -0.08
BETHLEHEM___GRP 23843	39.87 0.69 0.00	31.60 0.73 -1.81	26.75 0.71 -0.42	26.03 0.77 -0.07	26.01 0.61 -1.68	31.93 0.75 0.00	32.30 0.62 0.00	39.68 0.56 -0.91	41.12 0.36 0.00	40.36 0.16 -2.81	41.79 -0.02 0.00	45.12 -0.08 0.00	48.76 0.10 0.00	78.36 -0.09 0.00	74.60 0.27 0.00	61.22 1.01 0.00	52.65 0.75 0.00	62.32 0.72 0.00	55.38 0.77 0.00	62.17 0.63 0.00	71.83 0.64 0.00	48.62 0.76 4.76	38.45 0.75 3.20	35.45 0.87 -0.01
BETHLEHEM___GS1 323560	39.87 0.69 0.00	31.60 0.73 -1.81	26.75 0.71 -0.42	26.03 0.77 -0.07	26.01 0.61 -1.68	31.93 0.75 0.00	32.30 0.62 0.00	39.68 0.56 -0.91	41.12 0.36 0.00	40.36 0.16 -2.81	41.79 -0.02 0.00	45.12 -0.08 0.00	48.76 0.10 0.00	78.34 -0.11 0.00	74.61 0.27 0.00	61.22 1.01 0.00	52.65 0.75 0.00	62.32 0.72 0.00	55.38 0.77 0.00	62.16 0.63 0.00	71.83 0.64 0.00	48.62 0.76 4.76	38.45 0.75 3.20	35.45 0.87 -0.01
BETHLEHEM___GS2 323561	39.87 0.69 0.00	31.60 0.73 -1.81	26.75 0.71 -0.42	26.03 0.77 -0.07	26.01 0.61 -1.68	31.93 0.75 0.00	32.30 0.62 0.00	39.68 0.56 -0.91	41.12 0.36 0.00	40.36 0.16 -2.81	41.79 -0.02 0.00	45.12 -0.08 0.00	48.76 0.10 0.00	78.34 -0.11 0.00	74.61 0.27 0.00	61.22 1.01 0.00	52.65 0.75 0.00	62.32 0.72 0.00	55.38 0.77 0.00	62.16 0.63 0.00	71.83 0.64 0.00	48.62 0.76 4.76	38.45 0.75 3.20	35.45 0.87 -0.01
BETHLEHEM___GS3 323562	39.87 0.69 0.00	31.60 0.73 -1.81	26.75 0.71 -0.42	26.03 0.77 -0.07	26.01 0.61 -1.68	31.93 0.75 0.00	32.30 0.62 0.00	39.68 0.56 -0.91	41.12 0.36 0.00	40.36 0.16 -2.81	41.79 -0.02 0.00	45.12 -0.08 0.00	48.76 0.10 0.00	78.34 -0.11 0.00	74.61 0.27 0.00	61.22 1.01 0.00	52.65 0.75 0.00	62.32 0.72 0.00	55.38 0.77 0.00	62.16 0.63 0.00	71.83 0.64 0.00	48.62 0.76 4.76	38.45 0.75 3.20	35.45 0.87 -0.01
BETHLEHEM___STEEL 23779	39.53 0.34 0.00	29.18 0.13 0.00	25.66 0.04 0.00	25.05 -0.15 0.00	23.48 -0.23 0.00	31.16 -0.02 0.00	31.87 0.19 0.00	38.55 0.33 0.00	42.09 1.34 0.00	39.04 1.66 0.00	44.67 2.86 0.00	48.57 3.37 0.00	52.47 3.82 0.00	83.61 5.17 0.00	78.64 4.30 0.00	64.36 4.15 0.00	55.94 4.04 0.00	65.56 3.96 0.00	59.20 4.58 0.00	67.50 5.97 0.00	78.63 7.44 0.00	58.49 5.86 -0.01	45.23 4.30 -0.02	37.80 3.23 0.00
BETHLHEM_115KV_TB1 79974	39.92 0.74 0.00	31.62 0.76 -1.80	26.76 0.73 -0.42	26.04 0.78 -0.07	26.02 0.63 -1.67	31.96 0.78 0.00	32.34 0.65 0.00	39.73 0.61 -0.91	41.19 0.44 0.00	40.43 0.24 -2.80	41.90 0.08 0.00	45.24 0.04 0.00	48.88 0.23 0.00	78.53 0.08 0.00	74.76 0.42 0.00	61.31 1.11 0.00	52.75 0.84 0.00	62.44 0.84 0.00	55.47 0.86 0.00	62.28 0.74 0.00	71.98 0.79 0.00	48.99 0.85 4.49	38.71 0.82 3.01	35.52 0.93 -0.01
BETHPAGE_CC_5 323564	90.68 2.40 -49.10	89.90 1.77 -59.08	51.43 1.55 -24.26	28.95 1.48 -2.28	35.25 1.19 -10.34	32.81 1.63 0.00	33.26 1.58 0.00	45.65 1.83 -5.61	42.85 2.10 0.00	62.74 1.94 -23.42	81.70 2.17 -37.71	77.54 2.35 -29.99	87.21 2.74 -35.81	84.48 3.23 -2.80	83.85 3.68 -5.82	79.87 4.29 -15.38	85.49 3.50 -30.08	94.67 3.78 -29.29	98.49 3.54 -40.34	71.86 3.42 -6.91	74.05 2.87 0.00	55.39 2.52 -0.25	45.58 2.19 -2.49	39.96 2.41 -2.98
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	39.70 0.51 0.00	29.29 0.24 0.00	25.75 0.13 0.00	25.13 -0.07 0.00	23.56 -0.15 0.00	31.28 0.10 0.00	32.00 0.32 0.00	38.71 0.50 0.00	42.30 1.55 0.00	39.23 1.84 0.00	44.90 3.08 0.00	48.84 3.64 0.00	52.74 4.09 0.00	84.05 5.60 0.00	79.09 4.75 0.00	64.73 4.53 0.00	56.26 4.36 0.00	65.96 4.36 0.00	59.54 4.93 0.00	67.87 6.34 0.00	79.06 7.87 0.00	58.77 6.14 -0.01	45.41 4.49 -0.02	37.95 3.38 0.00

BINGHAMTON___COGEN 23790	39.58 0.39 -0.01	29.30 0.25 0.00	25.81 0.19 0.00	25.33 0.14 0.00	23.88 0.16 0.00	31.45 0.27 0.00	32.03 0.34 0.00	39.39 0.55 -0.62	43.49 0.76 -1.97	38.42 0.83 -0.21	45.70 1.19 -2.70	51.35 1.49 -4.67	54.61 1.81 -4.15	81.56 2.26 -0.85	80.05 2.23 -3.48	65.07 2.38 -2.47	55.90 2.09 -1.91	66.28 2.19 -2.49	57.17 2.37 -0.19	64.25 2.71 0.00	74.57 3.38 0.00	55.08 2.46 0.00	42.75 1.85 0.00	35.99 1.42 0.00
BIXINCNT_115KV_LOAD 355685	39.79 0.61 0.00	29.10 0.05 0.00	25.54 -0.08 0.00	24.90 -0.30 0.00	23.29 -0.42 0.00	31.11 -0.08 0.00	31.97 0.29 0.00	38.76 0.55 0.00	42.48 1.73 0.00	39.49 2.11 0.00	45.16 3.34 0.00	49.11 3.91 0.00	52.92 4.27 0.00	84.26 5.82 0.00	79.30 4.96 0.00	64.94 4.74 0.00	56.38 4.48 0.00	66.07 4.47 0.00	59.58 4.97 0.00	67.83 6.29 0.00	79.17 7.98 0.00	58.77 6.14 -0.01	45.40 4.48 -0.02	37.93 3.36 0.00
BLACK RIVER___HYD 24047	40.67 1.47 -0.02	29.62 0.57 0.00	26.16 0.54 0.00	25.50 0.31 0.00	23.97 0.25 0.00	31.75 0.57 0.00	32.93 1.24 0.00	41.36 1.78 -1.37	47.07 1.98 -4.35	39.72 1.88 -0.46	49.84 2.09 -5.95	58.01 2.52 -10.29	60.77 2.97 -9.15	84.98 4.65 -1.89	86.57 4.57 -7.66	69.19 3.52 -5.46	59.09 2.99 -4.20	70.76 3.67 -5.48	115.08 3.89 -56.58	145.35 5.31 -78.51	152.90 7.03 -74.68	84.22 4.74 -26.86	44.36 3.46 0.00	36.88 2.30 0.00
BLACKRVR_115KV_TB2 79977	40.67 1.48 -0.02	29.62 0.57 0.00	26.16 0.54 0.00	25.50 0.31 0.00	23.97 0.25 0.00	31.75 0.57 0.00	32.93 1.24 0.00	41.36 1.78 -1.37	47.07 1.98 -4.35	39.72 1.88 -0.46	49.85 2.09 -5.95	58.01 2.51 -10.29	60.77 2.97 -9.15	84.98 4.65 -1.89	86.57 4.57 -7.66	69.19 3.53 -5.46	59.09 2.99 -4.20	70.76 3.67 -5.48	115.09 3.89 -56.58	145.36 5.31 -78.51	152.90 7.03 -74.68	84.21 4.73 -26.86	44.36 3.46 0.00	36.88 2.30 0.00
BLISS_WT_PWR 323608	39.76 0.58 0.00	29.02 -0.03 0.00	25.45 -0.16 0.00	24.78 -0.41 0.00	23.16 -0.55 0.00	30.99 -0.19 0.00	31.90 0.22 0.00	38.67 0.46 0.00	42.44 1.69 0.00	39.49 2.10 0.00	45.18 3.37 0.00	49.15 3.94 0.00	52.97 4.32 0.00	84.34 5.89 0.00	79.34 5.00 0.00	64.99 4.79 0.00	56.40 4.50 0.00	66.09 4.49 0.00	59.58 4.97 0.00	67.85 6.32 0.00	79.20 8.01 0.00	58.77 6.14 -0.01	45.44 4.52 -0.02	37.90 3.33 0.00
BLUESTONE___WT_PWR 323821	40.59 1.40 -0.01	29.95 0.90 0.00	26.62 1.00 0.00	26.06 0.87 0.00	24.71 0.99 0.00	32.64 1.46 0.00	33.37 1.69 0.00	41.19 2.44 -0.54	45.33 2.88 -1.70	40.39 2.83 -0.18	47.49 3.35 -2.33	53.05 3.83 -4.03	56.49 4.26 -3.58	85.70 6.51 -0.74	83.46 6.12 -3.00	67.94 5.60 -2.13	58.65 5.11 -1.65	69.58 5.84 -2.15	60.47 5.70 -0.16	67.98 6.45 0.00	78.52 7.33 0.00	57.78 5.15 0.00	44.52 3.63 0.00	37.22 2.64 0.00
BLUE_CIRC_CHEM_DRP 24182	40.33 1.14 0.00	31.77 1.09 -1.63	27.02 1.03 -0.37	26.31 1.06 -0.06	26.15 0.92 -1.51	32.32 1.14 0.00	32.71 1.03 0.00	39.97 0.94 -0.82	41.52 0.77 0.00	40.44 0.53 -2.53	42.11 0.29 0.00	45.37 0.17 0.00	49.01 0.36 0.00	78.72 0.27 0.00	74.93 0.59 0.00	61.59 1.39 0.00	53.06 1.15 0.00	62.90 1.30 0.00	55.86 1.25 0.00	62.76 1.23 0.00	72.67 1.48 0.00	49.57 1.42 4.47	39.20 1.30 3.00	35.92 1.34 -0.01
BOC_GAS_DRP 24189	39.93 0.75 0.00	31.54 0.73 -1.75	26.72 0.70 -0.40	25.98 0.72 -0.07	25.94 0.60 -1.63	31.93 0.75 0.00	32.34 0.66 0.00	39.74 0.65 -0.88	41.29 0.54 0.00	40.47 0.37 -2.72	42.12 0.30 0.00	45.46 0.25 0.00	49.08 0.43 0.00	78.75 0.31 0.00	74.91 0.57 0.00	61.35 1.14 0.00	52.78 0.88 0.00	62.48 0.88 0.00	55.52 0.91 0.00	62.35 0.82 0.00	72.10 0.91 0.00	50.59 0.90 2.94	39.83 0.90 1.97	35.57 0.99 -0.01
BOONVILLE_115KV_TB1 79983	40.51 1.32 0.00	29.78 0.73 0.00	26.27 0.65 0.00	25.73 0.54 0.00	24.17 0.45 0.00	31.90 0.72 0.00	32.72 1.04 0.00	39.96 1.37 -0.39	43.55 1.58 -1.22	38.95 1.43 -0.13	45.13 1.65 -1.67	49.91 1.81 -2.89	53.38 2.15 -2.57	82.61 3.64 -0.53	79.96 3.46 -2.16	64.63 2.89 -1.54	55.52 2.44 -1.18	65.90 2.76 -1.54	88.01 2.90 -30.50	107.65 3.64 -42.48	116.12 4.53 -40.41	70.31 3.16 -14.53	43.20 2.30 0.00	36.21 1.64 0.00
BORALEX_4TH_BRANCH 23824	41.38 2.20 0.00	32.96 1.80 -2.10	27.72 1.62 -0.48	26.86 1.59 -0.08	27.10 1.43 -1.95	33.04 1.85 0.00	33.33 1.65 0.00	41.08 1.81 -1.06	42.32 1.57 0.00	41.67 1.02 -3.26	42.80 0.98 0.00	46.31 1.11 0.00	50.14 1.48 0.00	80.65 2.21 0.00	76.98 2.63 0.00	63.40 3.20 0.00	54.58 2.67 0.00	64.52 2.92 0.00	57.52 2.91 0.00	64.56 3.03 0.00	74.47 3.29 0.00	59.71 2.94 -4.16	46.23 2.54 -2.79	36.89 2.30 -0.02
BOWLINE___1 23526	40.46 1.28 0.00	12.58 0.94 17.41	22.44 0.82 4.00	25.33 0.79 0.66	8.17 0.60 16.14	31.99 0.81 0.00	32.47 0.79 0.00	30.36 0.91 8.76	41.77 1.02 0.00	11.25 0.86 26.99	42.75 0.93 0.00	46.25 1.05 0.00	50.02 1.37 0.00	79.83 1.38 0.00	76.11 1.77 0.00	62.75 2.55 0.00	53.94 2.04 0.00	63.66 2.07 0.00	56.66 2.05 0.00	63.27 1.73 0.00	72.91 1.72 0.00	54.01 1.39 0.00	42.17 1.27 0.00	35.97 1.52 0.12
BOWLINE___2 23595	40.48 1.29 0.00	12.57 0.94 17.42	22.44 0.83 4.00	25.33 0.79 0.66	8.16 0.60 16.16	31.99 0.81 0.00	32.48 0.80 0.00	30.37 0.92 8.76	41.77 1.02 0.00	11.24 0.87 27.02	42.75 0.94 0.00	46.25 1.05 0.00	50.03 1.38 0.00	79.84 1.40 0.00	76.12 1.78 0.00	62.75 2.55 0.00	53.95 2.05 0.00	63.67 2.08 0.00	56.67 2.06 0.00	63.27 1.74 0.00	72.93 1.74 0.00	54.02 1.40 0.00	42.17 1.27 0.00	35.97 1.53 0.12
BRADY___115KV_TB2 356060	39.12 -0.06 0.00	28.83 -0.22 0.00	25.37 -0.25 0.00	24.98 -0.21 0.00	23.70 -0.01 0.00	31.18 0.00 0.00	31.77 0.08 0.00	38.36 0.15 0.00	40.69 -0.06 0.00	37.33 -0.06 0.00	41.42 -0.40 0.00	44.56 -0.64 0.00	47.59 -1.07 0.00	77.55 -0.90 0.00	73.50 -0.83 0.00	58.05 -2.16 0.00	50.08 -1.82 0.00	60.03 -1.57 0.00	7.44 -1.88 45.29	-3.63 -1.85 63.31	9.44 -1.53 60.22	29.91 -1.05 21.66	40.08 -0.82 0.00	33.64 -0.93 0.00
BRANSCOMB___SOLAR 323811	41.61 2.43 0.00	32.62 1.81 -1.76	27.61 1.59 -0.40	26.82 1.56 -0.07	26.75 1.41 -1.63	33.11 1.93 0.00	33.57 1.89 0.00	41.24 2.14 -0.88	42.77 2.02 0.00	41.55 1.44 -2.73	43.52 1.70 0.00	47.03 1.82 0.00	50.78 2.13 0.00	82.26 3.82 0.00	78.64 4.30 0.00	64.63 4.43 0.00	55.44 3.53 0.00	65.74 4.14 0.00	58.73 4.12 0.00	66.09 4.55 0.00	76.25 5.07 0.00	59.81 3.90 -3.28	46.22 3.12 -2.20	37.23 2.65 -0.01
BRENTWOD_69_KV_W. BRTWOOD 56703	90.80 2.52 -49.10	90.15 2.02 -59.08	51.70 1.83 -24.25	29.23 1.76 -2.28	35.49 1.43 -10.34	33.14 1.96 0.00	33.60 1.91 0.00	46.09 2.28 -5.61	43.43 2.68 0.00	63.32 2.52 -23.42	82.49 2.96 -37.71	79.90 2.90 -31.80	110.00 3.06 -58.29	95.50 3.55 -13.50	92.54 3.84 -14.36	82.92 4.52 -18.19	99.82 3.63 -44.29	118.99 3.90 -53.48	128.81 3.72 -70.49	72.37 3.86 -6.97	74.90 3.71 0.00	56.17 3.30 -0.25	46.31 2.92 -2.49	40.54 2.99 -2.98



BRISTLHL_115KV_TB1 79998	38.82 -0.40 -0.04	28.72 -0.34 0.00	25.29 -0.33 0.00	24.84 -0.36 0.00	23.37 -0.35 0.00	30.75 -0.43 0.00	31.31 -0.37 0.00	40.82 -0.41 -3.02	49.95 -0.35 -9.55	38.16 -0.24 -1.01	54.80 -0.09 -13.07	67.95 0.12 -22.63	69.08 0.32 -20.11	82.87 0.28 -4.14	91.49 0.29 -16.86	72.74 0.53 -12.00	61.66 0.52 -9.25	74.18 0.52 -12.06	63.09 0.44 -8.04	72.33 0.85 -9.96	81.63 0.97 -9.47	56.76 0.73 -3.41	41.35 0.45 0.00	34.82 0.24 0.00
BROOKHAVEN___DRP 24191	90.94 2.66 -49.10	90.11 1.99 -59.08	51.58 1.72 -24.25	29.11 1.64 -2.28	35.39 1.33 -10.34	33.00 1.82 0.00	33.48 1.79 0.00	46.00 2.18 -5.61	43.32 2.57 0.00	63.26 2.46 -23.42	82.48 2.96 -37.71	87.50 3.10 -39.20	202.54 3.46 -150.43	140.10 4.29 -57.36	128.50 4.69 -49.47	95.06 5.12 -29.74	158.57 4.15 -102.52	218.70 4.46 -152.64	252.98 4.29 -194.09	73.32 4.52 -7.27	75.14 3.95 0.00	56.23 3.36 -0.25	46.29 2.90 -2.49	40.50 2.95 -2.98
BROOKLYN_NAVY_YARD 23515	40.98 1.79 0.00	41.36 1.26 -11.05	29.23 1.08 -2.54	26.65 1.04 -0.42	34.78 0.82 -10.25	32.29 1.11 0.00	32.84 1.16 0.00	45.16 1.39 -5.56	42.35 1.60 0.00	55.93 1.41 -17.14	43.27 1.45 0.00	46.78 1.57 0.00	50.52 1.86 0.00	80.54 2.09 0.00	76.84 2.50 0.00	63.39 3.19 0.00	54.46 2.56 0.00	64.23 2.64 0.00	57.05 2.44 0.00	63.63 2.10 0.00	73.28 2.10 0.00	54.53 1.66 -0.25	42.68 1.61 -0.17	36.60 1.96 -0.08
BROOKLYN___ARMY_DRP 323595	41.09 1.91 0.00	41.45 1.35 -11.05	29.29 1.13 -2.54	26.68 1.07 -0.42	34.81 0.84 -10.25	32.34 1.15 0.00	32.91 1.23 0.00	45.26 1.49 -5.56	42.48 1.73 0.00	56.13 1.61 -17.13	43.51 1.70 0.00	47.03 1.83 0.00	50.79 2.13 0.00	80.86 2.42 0.00	77.08 2.75 0.00	63.52 3.32 0.00	54.34 2.43 0.00	63.99 2.39 0.00	56.91 2.31 0.00	63.69 2.16 0.00	73.23 2.04 0.00	54.59 1.72 -0.25	42.91 1.85 -0.17	36.86 2.22 -0.08
BROOKVLE_69_KV_TB1 55790	91.00 2.73 -49.10	90.09 1.96 -59.08	51.57 1.70 -24.25	29.10 1.63 -2.28	35.40 1.34 -10.34	33.00 1.82 0.00	33.47 1.79 0.00	45.95 2.13 -5.61	43.05 2.30 0.00	62.97 2.17 -23.42	82.09 2.56 -37.71	77.86 2.84 -29.81	85.59 3.36 -33.57	84.55 4.37 -1.74	84.07 4.75 -4.99	80.43 5.12 -15.10	84.84 4.27 -28.67	93.15 4.68 -26.88	96.20 4.27 -37.33	72.48 4.05 -6.90	74.86 3.68 0.00	55.89 3.02 -0.25	45.93 2.55 -2.49	40.25 2.69 -2.98
BROOME_2_LFGE 323671	39.58 0.39 -0.01	29.30 0.25 0.00	25.81 0.19 0.00	25.33 0.14 0.00	23.88 0.16 0.00	31.45 0.28 0.00	32.03 0.34 0.00	39.39 0.55 -0.62	43.49 0.76 -1.97	38.42 0.83 -0.21	45.69 1.18 -2.70	51.36 1.49 -4.67	54.61 1.81 -4.15	81.56 2.26 -0.85	80.04 2.22 -3.48	65.06 2.38 -2.47	55.90 2.09 -1.91	66.28 2.19 -2.49	57.16 2.37 -0.19	64.24 2.71 0.00	74.57 3.39 0.00	55.09 2.47 0.00	42.75 1.85 0.00	35.99 1.42 0.00
BROOME___LFGE 323600	39.58 0.39 -0.01	29.30 0.25 0.00	25.81 0.19 0.00	25.33 0.14 0.00	23.88 0.16 0.00	31.45 0.28 0.00	32.03 0.34 0.00	39.39 0.55 -0.62	43.49 0.76 -1.97	38.42 0.83 -0.21	45.69 1.18 -2.70	51.36 1.49 -4.67	54.61 1.81 -4.15	81.56 2.26 -0.85	80.04 2.22 -3.48	65.06 2.38 -2.47	55.90 2.09 -1.91	66.28 2.19 -2.49	57.16 2.37 -0.19	64.24 2.71 0.00	74.57 3.39 0.00	55.09 2.47 0.00	42.75 1.85 0.00	35.99 1.42 0.00
BROWNFLS_115KV_TB_3_5 80003	39.58 0.39 -0.01	28.98 -0.07 0.00	25.57 -0.05 0.00	25.04 -0.16 0.00	23.62 -0.09 0.00	31.17 -0.01 0.00	32.08 0.39 0.00	39.33 0.56 -0.55	42.95 0.45 -1.75	37.98 0.41 -0.18	44.54 0.33 -2.40	49.61 0.26 -4.15	52.57 0.23 -3.69	80.02 0.82 -0.76	78.41 0.98 -3.09	62.37 -0.04 -2.20	53.52 -0.07 -1.69	63.82 0.01 -2.21	199.65 0.23 -144.81	264.55 0.82 -202.19	265.05 1.54 -192.33	122.87 1.07 -69.17	41.75 0.86 0.00	34.94 0.37 0.00
BROWNSV1_27_KV_LOAD 356125	41.38 2.20 0.00	41.67 1.56 -11.05	29.50 1.34 -2.54	26.89 1.28 -0.42	35.01 1.05 -10.25	32.60 1.42 0.00	33.15 1.47 0.00	45.58 1.81 -5.56	42.79 2.04 0.00	56.37 1.85 -17.14	43.79 1.98 0.00	47.36 2.16 0.00	51.16 2.51 0.00	81.58 3.14 0.00	77.79 3.45 0.00	64.17 3.97 0.00	55.14 3.24 0.00	65.03 3.43 0.00	57.77 3.16 0.00	64.43 2.90 0.00	74.21 3.02 0.00	55.23 2.36 -0.25	43.19 2.13 -0.17	37.05 2.40 -0.08
BURROWS___LYONSDAL 23803	40.44 1.25 -0.01	29.64 0.59 0.00	26.17 0.55 0.00	25.59 0.40 0.00	24.03 0.32 0.00	31.75 0.56 0.00	32.67 0.99 0.00	40.01 1.33 -0.47	43.80 1.56 -1.49	38.93 1.39 -0.16	45.44 1.59 -2.04	50.48 1.76 -3.52	53.89 2.10 -3.13	82.67 3.58 -0.65	80.41 3.45 -2.62	64.87 2.80 -1.87	55.69 2.35 -1.44	66.12 2.64 -1.88	97.85 2.88 -40.36	121.47 3.73 -56.21	129.33 4.67 -53.47	75.09 3.24 -19.23	43.27 2.37 0.00	36.21 1.64 0.00
CAITHNESS_CC_1 323624	90.91 2.63 -49.10	90.09 1.96 -59.08	51.58 1.70 -24.26	29.10 1.63 -2.28	35.37 1.32 -10.34	33.00 1.82 0.00	33.46 1.77 0.00	45.97 2.15 -5.61	43.29 2.54 0.00	63.22 2.42 -23.42	82.42 2.89 -37.71	87.37 3.02 -39.14	201.76 3.36 -149.74	139.57 4.09 -57.04	128.04 4.50 -49.20	94.82 4.97 -29.65	158.00 4.02 -102.08	217.80 4.30 -151.90	251.90 4.12 -193.17	73.13 4.32 -7.27	74.92 3.73 0.00	56.09 3.22 -0.25	46.20 2.81 -2.49	40.45 2.90 -2.98
CALPINE BETH_PAGE_GT4 24209	90.71 2.43 -49.10	89.91 1.77 -59.08	51.43 1.56 -24.25	28.96 1.49 -2.28	35.25 1.20 -10.34	32.82 1.64 0.00	33.28 1.60 0.00	45.68 1.86 -5.61	42.88 2.13 0.00	62.78 1.97 -23.42	81.66 2.14 -37.71	77.49 2.34 -29.95	86.69 2.75 -35.29	84.25 3.25 -2.56	83.64 3.67 -5.63	79.78 4.26 -15.31	85.16 3.50 -29.76	94.12 3.79 -28.73	97.79 3.54 -39.64	71.82 3.38 -6.90	74.03 2.84 0.00	55.37 2.50 -0.25	45.57 2.18 -2.49	39.95 2.40 -2.98
CALPINE_BETH_PAGE_GT_4 323586	90.71 2.43 -49.10	89.91 1.77 -59.08	51.44 1.56 -24.26	28.96 1.49 -2.28	35.25 1.20 -10.34	32.82 1.64 0.00	33.27 1.59 0.00	45.67 1.85 -5.61	42.88 2.13 0.00	62.77 1.97 -23.42	81.66 2.14 -37.71	77.49 2.34 -29.95	86.69 2.74 -35.29	84.24 3.24 -2.56	83.65 3.68 -5.63	79.78 4.26 -15.31	85.16 3.50 -29.76	94.12 3.79 -28.73	97.79 3.54 -39.64	71.82 3.38 -6.90	74.03 2.84 0.00	55.36 2.49 -0.25	45.56 2.18 -2.49	39.95 2.40 -2.98
CALPINE_BP_GT1 23823	90.71 2.43 -49.10	89.91 1.77 -59.08	51.44 1.56 -24.26	28.96 1.49 -2.28	35.25 1.20 -10.34	32.82 1.64 0.00	33.27 1.59 0.00	45.67 1.85 -5.61	42.88 2.13 0.00	62.77 1.97 -23.42	81.66 2.14 -37.71	77.49 2.34 -29.95	86.69 2.74 -35.29	84.24 3.24 -2.56	83.65 3.68 -5.63	79.78 4.26 -15.31	85.16 3.50 -29.76	94.12 3.79 -28.73	97.79 3.54 -39.64	71.82 3.38 -6.90	74.03 2.84 0.00	55.36 2.49 -0.25	45.56 2.18 -2.49	39.95 2.40 -2.98
CALSPAN___DRP 24200	39.53 0.34 0.00	29.18 0.13 0.00	25.66 0.04 0.00	25.05 -0.15 0.00	23.48 -0.23 0.00	31.16 -0.02 0.00	31.87 0.19 0.00	38.55 0.33 0.00	42.09 1.34 0.00	39.04 1.66 0.00	44.67 2.86 0.00	48.57 3.37 0.00	52.47 3.82 0.00	83.61 5.17 0.00	78.64 4.30 0.00	64.36 4.15 0.00	55.94 4.04 0.00	65.56 3.96 0.00	59.20 4.58 0.00	67.50 5.97 0.00	78.63 7.44 0.00	58.49 5.86 -0.01	45.23 4.30 -0.02	37.80 3.23 0.00

CALVERTON___SOLAR 323806	91.04 2.76 -49.10	90.18 2.05 -59.08	51.64 1.77 -24.26	29.16 1.69 -2.28	35.43 1.37 -10.34	33.07 1.88 0.00	33.54 1.86 0.00	46.09 2.27 -5.61	43.43 2.68 0.00	63.37 2.57 -23.42	82.63 3.10 -37.71	87.70 3.28 -39.22	203.04 3.67 -150.72	140.54 4.59 -57.50	128.97 5.04 -49.59	95.36 5.38 -29.77	158.98 4.37 -102.70	219.26 4.71 -152.95	253.64 4.55 -194.48	73.64 4.83 -7.28	75.48 4.29 0.00	56.45 3.58 -0.25	46.43 3.05 -2.49	40.61 3.06 -2.98
CANDIGU_WT_PWR 323617	39.27 0.08 0.00	28.83 -0.23 0.00	25.22 -0.40 0.00	24.69 -0.50 0.00	23.18 -0.53 0.00	30.76 -0.42 0.00	31.57 -0.11 0.00	38.66 0.11 -0.35	42.57 0.72 -1.09	38.67 1.17 -0.11	45.21 1.91 -1.50	50.16 2.37 -2.59	53.68 2.73 -2.30	82.25 3.34 -0.47	79.38 3.11 -1.92	64.82 3.24 -1.37	56.05 3.10 -1.06	66.10 3.12 -1.38	58.26 3.54 -0.10	65.90 4.37 0.00	76.64 5.45 0.00	56.61 3.98 0.00	43.80 2.89 -0.01	36.57 2.00 0.00
CARR STREET_E_SYR 24060	39.04 -0.15 -0.01	28.90 -0.16 0.00	25.46 -0.15 0.00	24.99 -0.21 0.00	23.51 -0.21 0.00	30.96 -0.22 0.00	31.53 -0.15 0.00	38.98 -0.14 -0.91	43.60 -0.03 -2.87	37.78 0.10 -0.30	46.07 0.32 -3.92	52.55 0.55 -6.79	55.52 0.83 -6.04	80.73 1.04 -1.24	80.43 1.03 -5.06	65.00 1.19 -3.60	55.76 1.08 -2.78	66.32 1.10 -3.62	61.99 1.35 -6.03	71.07 1.49 -8.05	80.55 1.71 -7.65	56.64 1.26 -2.75	41.76 0.87 0.00	35.16 0.59 0.00
CARTHAGE___PAPER 23857	40.72 1.52 -0.02	29.67 0.61 0.00	26.20 0.58 0.00	25.56 0.36 0.00	24.03 0.31 0.00	31.80 0.62 0.00	32.95 1.27 0.00	41.13 1.76 -1.16	46.37 1.97 -3.66	39.58 1.81 -0.39	48.81 1.99 -5.00	56.16 2.30 -8.66	58.95 2.60 -7.69	84.32 4.29 -1.59	85.09 4.30 -6.45	67.99 3.19 -4.59	58.10 2.66 -3.54	69.48 3.27 -4.61	124.03 3.50 -65.92	158.00 4.82 -91.65	164.72 6.36 -87.18	88.29 4.31 -31.36	44.06 3.16 0.00	36.66 2.09 0.00
CASSADAGA_WT_PWR 323784	39.22 0.03 0.00	28.57 -0.49 0.00	24.94 -0.68 0.00	24.27 -0.92 0.00	23.08 -0.64 0.00	30.78 -0.40 0.00	31.86 0.17 0.00	39.24 1.03 0.00	43.09 2.34 0.00	40.08 2.69 0.00	46.00 4.19 0.00	50.24 5.04 0.00	54.21 5.56 0.00	85.52 7.08 0.00	80.60 6.26 0.00	66.12 5.92 0.00	57.37 5.46 0.00	67.11 5.52 0.00	60.60 5.99 0.00	68.94 7.41 0.00	81.22 10.03 0.00	60.19 7.56 -0.01	46.50 5.58 -0.02	38.76 4.18 0.00
CE_DUNWOOD___DRP 24194	40.88 1.69 0.00	42.07 1.22 -11.79	29.39 1.06 -2.71	26.66 1.02 -0.45	35.46 0.81 -10.93	32.27 1.10 0.00	32.79 1.11 0.00	45.47 1.33 -5.93	42.24 1.49 0.00	56.97 1.30 -18.28	43.23 1.42 0.00	46.75 1.55 0.00	50.54 1.89 0.00	80.64 2.20 0.00	76.88 2.54 0.00	63.39 3.18 0.00	54.50 2.59 0.00	64.33 2.73 0.00	57.19 2.58 0.00	63.86 2.33 0.00	73.52 2.33 0.00	54.74 1.87 -0.25	42.75 1.68 -0.17	36.57 1.92 -0.08
CE_MILLWOOD___DRP 24193	40.79 1.61 0.00	42.55 1.17 -12.34	29.47 1.01 -2.83	26.63 0.97 -0.47	35.92 0.77 -11.44	32.22 1.04 0.00	32.73 1.05 0.00	45.66 1.25 -6.20	42.14 1.39 0.00	57.73 1.22 -19.12	43.13 1.31 0.00	46.66 1.45 0.00	50.44 1.79 0.00	80.49 2.04 0.00	76.72 2.39 0.00	63.26 3.06 0.00	54.39 2.49 0.00	64.21 2.62 0.00	57.10 2.49 0.00	63.76 2.23 0.00	73.43 2.24 0.00	54.41 1.79 0.00	42.51 1.61 0.00	36.50 1.84 -0.09
CE_NYC2_DRP 24202	41.02 1.84 0.00	41.42 1.31 -11.05	29.28 1.12 -2.54	26.69 1.07 -0.42	34.81 0.85 -10.25	32.34 1.16 0.00	32.92 1.24 0.00	45.26 1.49 -5.56	42.47 1.72 0.00	56.04 1.53 -17.13	43.38 1.56 0.00	46.86 1.66 0.00	50.57 1.91 0.00	80.62 2.18 0.00	76.88 2.54 0.00	63.40 3.19 0.00	54.37 2.47 0.00	64.08 2.48 0.00	56.91 2.30 0.00	63.53 2.00 0.00	73.15 1.97 0.00	54.52 1.65 -0.25	42.73 1.66 -0.17	36.72 2.07 -0.08
CE_NYC_DRP 24195	41.05 1.87 0.00	41.44 1.33 -11.05	29.30 1.15 -2.54	26.71 1.10 -0.42	34.83 0.87 -10.25	32.35 1.17 0.00	32.88 1.20 0.00	45.26 1.49 -5.56	42.43 1.68 0.00	56.03 1.50 -17.14	43.40 1.58 0.00	46.90 1.69 0.00	50.66 2.00 0.00	80.77 2.33 0.00	77.02 2.68 0.00	63.55 3.34 0.00	54.59 2.69 0.00	64.40 2.80 0.00	57.21 2.60 0.00	63.81 2.28 0.00	73.49 2.30 0.00	54.69 1.82 -0.25	42.78 1.71 -0.17	36.71 2.06 -0.08
CHAFFEE___LFGE 323603	39.75 0.57 0.00	29.34 0.29 0.00	25.80 0.18 0.00	25.20 0.00 0.00	23.64 -0.08 0.00	31.36 0.18 0.00	32.08 0.40 0.00	38.78 0.57 0.00	42.37 1.62 0.00	39.30 1.91 0.00	44.95 3.13 0.00	48.92 3.72 0.00	52.82 4.17 0.00	84.23 5.79 0.00	79.23 4.89 0.00	64.87 4.66 0.00	56.41 4.51 0.00	66.10 4.51 0.00	59.69 5.08 0.00	68.06 6.53 0.00	79.32 8.13 0.00	58.96 6.33 -0.01	45.57 4.65 -0.02	38.03 3.46 0.00
CHATEAUG_35_KV_LOAD 355732	38.67 -0.51 0.00	28.55 -0.50 0.00	25.16 -0.46 0.00	24.76 -0.43 0.00	23.61 -0.10 0.00	31.02 -0.15 0.00	31.53 -0.15 0.00	38.18 -0.03 0.00	40.67 -0.08 0.00	37.22 -0.16 0.00	41.35 -0.47 0.00	44.37 -0.83 0.00	47.44 -1.21 0.00	76.60 -1.85 0.00	72.31 -2.03 0.00	57.92 -2.28 0.00	49.42 -2.48 0.00	58.85 -2.75 0.00	25.35 -2.81 26.45	21.44 -3.12 36.97	32.18 -3.85 35.17	37.70 -2.27 12.65	39.17 -1.73 0.00	32.91 -1.66 0.00
CHATEAUG_WT_PWR 323614	38.74 -0.44 0.00	28.62 -0.43 0.00	25.23 -0.39 0.00	24.80 -0.40 0.00	23.62 -0.09 0.00	31.09 -0.09 0.00	31.60 -0.08 0.00	38.21 0.00 0.00	40.68 -0.07 0.00	37.21 -0.18 0.00	41.39 -0.42 0.00	44.43 -0.77 0.00	47.51 -1.15 0.00	76.59 -1.86 0.00	72.26 -2.08 0.00	57.79 -2.41 0.00	49.32 -2.58 0.00	58.62 -2.98 0.00	30.16 -3.00 21.45	28.13 -3.43 29.98	38.43 -4.24 28.51	39.86 -2.50 10.26	39.13 -1.77 0.00	32.93 -1.64 0.00
CHAT_HIGH_FALL_HYD 323578	38.67 -0.51 0.00	28.55 -0.50 0.00	25.16 -0.46 0.00	24.76 -0.43 0.00	23.61 -0.10 0.00	31.02 -0.15 0.00	31.53 -0.15 0.00	38.18 -0.03 0.00	40.67 -0.08 0.00	37.22 -0.16 0.00	41.35 -0.47 0.00	44.37 -0.83 0.00	47.44 -1.21 0.00	76.60 -1.85 0.00	72.31 -2.03 0.00	57.92 -2.28 0.00	49.42 -2.48 0.00	58.85 -2.75 0.00	25.35 -2.81 26.45	21.44 -3.12 36.97	32.18 -3.85 35.17	37.70 -2.27 12.65	39.17 -1.73 0.00	32.91 -1.66 0.00
CHAUTAUQUA___LFGE 323629	39.26 0.08 0.00	28.78 -0.28 0.00	25.20 -0.42 0.00	24.52 -0.67 0.00	23.25 -0.46 0.00	30.95 -0.23 0.00	31.83 0.14 0.00	38.94 0.73 0.00	42.56 1.81 0.00	39.50 2.12 0.00	45.22 3.41 0.00	49.34 4.14 0.00	53.29 4.64 0.00	84.42 5.97 0.00	79.57 5.23 0.00	65.25 5.05 0.00	56.61 4.71 0.00	66.26 4.66 0.00	59.82 5.21 0.00	68.09 6.56 0.00	79.85 8.66 0.00	59.19 6.56 -0.01	45.79 4.87 -0.02	38.20 3.62 0.00
CHERRYST_13_KV_LD 356241	41.17 1.99 0.00	41.53 1.42 -11.05	29.39 1.23 -2.54	26.79 1.17 -0.42	34.91 0.94 -10.25	32.45 1.27 0.00	33.01 1.33 0.00	45.43 1.66 -5.56	42.63 1.87 -17.14	56.24 1.71 0.00	43.61 1.80 0.00	47.14 1.94 0.00	50.95 2.30 0.00	81.27 2.82 0.00	77.49 3.15 0.00	63.93 3.72 0.00	54.94 3.03 0.00	64.80 3.20 0.00	57.55 2.94 0.00	64.19 2.65 0.00	73.86 2.67 0.00	54.94 2.07 -0.25	42.94 1.87 -0.17	36.88 2.23 -0.08

CHESTROR_138KV_BK263 355645	40.51 1.33 0.00	19.30 0.96 10.71	24.00 0.84 2.46	25.59 0.80 0.41	14.41 0.63 9.93	32.03 0.85 0.00	32.52 0.84 0.00	33.81 0.99 5.39	41.84 1.09 0.00	21.71 0.93 16.61	42.85 1.04 0.00	46.39 1.18 0.00	50.15 1.50 0.00	80.12 1.68 0.00	76.36 2.02 0.00	62.85 2.65 0.00	54.07 2.17 0.00	63.88 2.28 0.00	56.86 2.25 0.00	63.63 2.10 0.00	73.38 2.20 0.00	54.36 1.74 0.00	42.38 1.48 0.00	36.08 1.59 0.08
CH_MIDHUDSON___DRP 24192	40.90 1.72 0.00	32.20 1.25 -1.90	27.14 1.08 -0.44	26.30 1.04 -0.07	26.33 0.85 -1.76	32.33 1.15 0.00	32.85 1.16 0.00	40.54 1.37 -0.96	42.25 1.50 0.00	41.64 1.30 -2.95	43.29 1.48 0.00	46.87 1.67 0.00	50.72 2.06 0.00	81.02 2.57 0.00	77.29 2.95 0.00	63.66 3.46 0.00	54.82 2.92 0.00	64.75 3.15 0.00	57.59 2.98 0.00	64.37 2.84 0.00	74.14 2.96 0.00	54.90 2.28 0.00	42.84 1.94 0.00	36.57 1.99 -0.01
CH_MISC_IPPS 23765	41.03 1.85 0.00	30.38 1.33 0.00	26.76 1.15 0.00	26.28 1.09 0.00	24.60 0.88 0.00	32.38 1.20 0.00	32.91 1.23 0.00	39.70 1.49 0.00	42.40 1.65 0.00	38.85 1.46 0.00	43.51 1.69 0.00	47.14 1.93 0.00	51.03 2.37 0.00	81.53 3.09 0.00	77.81 3.47 0.00	64.12 3.92 0.00	55.23 3.33 0.00	65.23 3.63 0.00	58.01 3.40 0.00	64.84 3.31 0.00	74.66 3.48 0.00	55.26 2.64 0.00	43.05 2.16 0.00	36.70 2.13 0.00
CH_RES_BVR_FALLS 23983	38.73 -0.45 0.00	28.63 -0.42 0.00	25.26 -0.36 0.00	24.81 -0.38 0.00	23.38 -0.33 0.00	30.77 -0.41 0.00	31.34 -0.34 0.00	37.89 -0.32 0.00	40.41 -0.35 0.00	37.07 -0.31 0.00	41.45 -0.37 0.00	44.77 -0.43 0.00	48.14 -0.52 0.00	77.83 -0.61 0.00	73.65 -0.69 0.00	59.30 -0.91 0.00	51.11 -0.79 0.00	60.65 -0.95 0.00	46.70 -0.89 7.02	50.85 -0.88 9.81	60.80 -1.05 9.33	48.42 -0.84 3.36	40.25 -0.65 0.00	33.94 -0.63 0.00
CH_RES_NIAGARA 23895	38.39 -0.79 0.00	28.48 -0.58 0.00	25.12 -0.50 0.00	24.53 -0.66 0.00	22.86 -0.86 0.00	30.26 -0.92 0.00	30.90 -0.79 0.00	37.16 -1.05 0.00	40.61 -0.14 0.00	37.60 0.22 0.00	43.02 1.20 0.00	46.66 1.46 0.00	50.42 1.77 0.00	80.34 1.90 0.00	75.23 0.89 0.00	61.49 1.28 0.00	53.50 1.60 0.00	62.63 1.04 0.00	56.64 2.03 0.00	64.78 3.24 0.00	75.32 4.13 0.00	56.27 3.64 -0.01	43.68 2.76 -0.02	36.58 2.01 0.00
CH_RES_SYRACUSE 23985	39.15 -0.06 -0.02	28.98 -0.08 0.00	25.52 -0.10 0.00	25.03 -0.16 0.00	23.57 -0.14 0.00	31.04 -0.14 0.00	31.63 -0.05 0.00	39.86 -0.02 -1.67	46.11 0.08 -5.28	38.11 0.16 -0.56	49.40 0.35 -7.23	58.31 0.60 -12.51	60.66 0.89 -11.12	81.89 1.15 -2.29	84.76 1.11 -9.32	68.05 1.21 -6.63	58.15 1.14 -5.11	69.46 1.19 -6.67	61.66 1.47 -5.58	70.26 1.65 -7.09	79.82 1.90 -6.74	56.41 1.37 -2.42	41.86 0.96 0.00	35.25 0.68 0.00
CLINTON_WT_PWR 323605	38.74 -0.44 0.00	28.62 -0.43 0.00	25.23 -0.39 0.00	24.80 -0.40 0.00	23.62 -0.09 0.00	31.09 -0.09 0.00	31.60 -0.08 0.00	38.21 0.00 0.00	40.68 -0.07 0.00	37.21 -0.18 0.00	41.39 -0.42 0.00	44.43 -0.77 0.00	47.51 -1.15 0.00	76.59 -1.86 0.00	72.26 -2.08 0.00	57.79 -2.41 0.00	49.32 -2.58 0.00	58.62 -2.98 0.00	30.16 -3.00 21.45	28.13 -3.43 29.98	38.43 -4.24 28.51	39.86 -2.50 10.26	39.13 -1.77 0.00	32.93 -1.64 0.00
CLINTON___LFGE 323618	39.26 0.08 0.00	29.03 -0.02 0.00	25.60 -0.02 0.00	25.15 -0.04 0.00	23.97 0.26 0.00	31.55 0.38 0.00	32.06 0.38 0.00	38.75 0.54 0.00	41.18 0.43 0.00	37.59 0.20 0.00	41.84 0.02 0.00	45.01 -0.20 0.00	48.19 -0.46 0.00	77.26 -1.19 0.00	72.66 -1.68 0.00	58.24 -1.96 0.00	49.73 -2.17 0.00	59.08 -2.53 0.00	29.36 -2.50 22.75	26.85 -2.88 31.80	37.41 -3.53 30.25	40.20 -1.54 10.88	39.89 -1.01 0.00	33.52 -1.06 0.00
COBBLENY_34_KV_TB1 80064	39.75 0.57 0.00	29.34 0.29 0.00	25.80 0.18 0.00	25.20 0.00 0.00	23.64 -0.08 0.00	31.36 0.18 0.00	32.08 0.39 0.00	38.77 0.56 0.00	42.37 1.62 0.00	39.30 1.91 0.00	44.95 3.13 0.00	48.90 3.70 0.00	52.82 4.17 0.00	84.20 5.75 0.00	79.24 4.90 0.00	64.86 4.65 0.00	56.40 4.50 0.00	66.10 4.50 0.00	59.69 5.08 0.00	68.05 6.52 0.00	79.29 8.11 0.00	58.95 6.32 -0.01	45.54 4.62 -0.02	38.03 3.46 0.00
COFFEEN___115KV_TB3 355620	41.07 1.87 -0.02	29.92 0.86 0.00	26.41 0.79 0.00	25.75 0.56 0.00	24.21 0.49 0.00	32.06 0.88 0.00	33.23 1.55 0.00	41.77 2.15 -1.41	47.57 2.35 -4.46	40.10 2.25 -0.47	50.43 2.50 -6.11	58.80 3.02 -10.57	61.59 3.53 -9.40	85.80 5.42 -1.94	87.52 5.30 -7.88	69.90 4.09 -5.61	59.74 3.51 -4.32	71.61 4.38 -5.64	114.07 4.53 -54.93	143.82 6.10 -76.19	151.76 8.10 -72.47	84.19 5.51 -26.06	44.91 4.01 0.00	37.29 2.72 0.00
COLDSPRG_115KV_BK1 355956	39.96 0.78 0.00	29.25 0.19 0.00	25.66 0.05 0.00	25.05 -0.15 0.00	23.71 0.00 0.00	31.54 0.36 0.00	32.47 0.79 0.00	39.73 1.52 0.00	43.42 2.67 0.00	40.33 2.94 0.00	46.09 4.28 0.00	50.21 5.00 0.00	54.06 5.41 0.00	85.21 6.76 0.00	80.27 5.93 0.00	65.81 5.61 0.00	57.10 5.20 0.00	66.88 5.28 0.00	60.36 5.75 0.00	68.58 7.05 0.00	80.89 9.70 0.00	59.95 7.32 -0.01	46.27 5.36 -0.02	38.65 4.08 0.00
COLONIE_LFGE___ 323577	40.90 1.72 0.00	32.29 1.38 -1.86	27.28 1.23 -0.43	26.49 1.23 -0.07	26.53 1.08 -1.73	32.61 1.43 0.00	33.01 1.33 0.00	40.61 1.46 -0.94	42.06 1.31 0.00	41.20 0.93 -2.89	42.78 0.96 0.00	46.27 1.06 0.00	50.03 1.37 0.00	80.54 2.10 0.00	76.78 2.44 0.00	63.05 2.85 0.00	54.23 2.33 0.00	64.21 2.61 0.00	57.21 2.60 0.00	64.29 2.75 0.00	74.21 3.02 0.00	59.69 2.50 -4.57	46.05 2.09 -3.07	36.47 1.89 -0.01
COOPERNY_115KV_TB1 80082	40.07 0.89 0.00	25.48 0.67 4.24	25.23 0.58 0.97	25.60 0.57 0.16	20.22 0.45 3.94	31.77 0.59 0.00	32.27 0.58 0.00	36.75 0.67 2.13	41.50 0.75 0.00	31.44 0.63 6.58	42.53 0.71 0.00	46.01 0.81 0.00	49.71 1.06 0.00	79.56 1.11 0.00	75.70 1.36 0.00	62.06 1.86 0.00	53.39 1.49 0.00	63.15 1.55 0.00	56.19 1.58 0.00	63.00 1.47 0.00	72.77 1.58 0.00	53.90 1.28 0.00	42.00 1.10 0.00	35.71 1.17 0.03
COPENHAGEN_WT_PWR 323753	40.27 1.07 -0.02	29.29 0.24 0.00	25.88 0.26 0.00	25.22 0.03 0.00	23.68 -0.03 0.00	31.38 0.20 0.00	32.64 0.95 0.00	41.15 1.46 -1.48	47.08 1.65 -4.68	39.43 1.55 -0.49	49.97 1.75 -6.40	58.43 2.14 -11.09	61.10 2.59 -9.86	84.57 4.10 -2.03	86.68 4.08 -8.26	69.22 3.13 -5.88	59.04 2.60 -4.53	70.67 3.16 -5.91	110.11 3.50 -52.00	138.41 4.81 -72.06	146.08 6.34 -68.55	81.45 4.17 -24.65	43.97 3.07 0.00	36.56 1.99 0.00
CORNELL_____ 23752	40.31 1.11 -0.01	29.81 0.76 0.00	26.23 0.61 0.00	25.72 0.53 0.00	24.25 0.53 0.00	31.98 0.80 0.00	32.60 0.92 0.00	40.28 1.20 -0.87	44.88 1.37 -2.75	39.00 1.33 -0.29	47.26 1.68 -3.77	53.73 2.02 -6.52	56.88 2.44 -5.79	83.04 3.40 -1.19	82.41 3.22 -4.85	66.88 3.22 -3.46	57.43 2.86 -2.66	68.30 3.23 -3.48	58.41 3.54 -0.26	65.81 4.27 0.00	76.41 5.22 0.00	56.40 3.78 0.00	43.59 2.70 0.00	36.61 2.04 0.00

CORONA__69_KV_TB1 355595	90.84 2.57 -49.10	89.98 1.85 -59.08	51.46 1.59 -24.25	28.99 1.52 -2.28	35.30 1.24 -10.34	32.87 1.70 0.00	33.33 1.65 0.00	45.68 1.86 -5.61	42.87 2.12 0.00	62.81 2.01 -23.42	81.81 2.29 -37.71	77.57 2.55 -29.81	85.18 2.95 -33.57	83.78 3.60 -1.74	83.35 4.03 -4.99	79.84 4.53 -15.10	84.37 3.80 -28.67	92.72 4.24 -26.88	95.85 3.91 -37.33	72.07 3.64 -6.90	74.51 3.32 0.00	55.69 2.82 -0.25	45.83 2.45 -2.49	40.26 2.71 -2.98
CORTLAND__115KV_TB3 80093	40.06 0.86 -0.01	29.63 0.58 0.00	26.10 0.47 0.00	25.61 0.41 0.00	24.12 0.41 0.00	31.78 0.60 0.00	32.39 0.70 0.00	39.99 0.92 -0.86	44.55 1.07 -2.73	38.74 1.06 -0.29	46.86 1.31 -3.74	53.30 1.64 -6.47	56.36 1.96 -5.75	82.37 2.75 -1.18	81.73 2.58 -4.81	66.27 2.64 -3.43	56.78 2.24 -2.64	67.53 2.49 -3.44	62.24 2.74 -4.89	71.23 3.23 -6.47	81.36 4.02 -6.15	57.75 2.92 -2.21	43.01 2.11 0.00	36.18 1.61 0.00
COXSACKIE__GT 23611	42.32 3.14 0.00	31.61 2.55 0.00	27.91 2.29 0.00	27.46 2.27 0.00	25.74 2.03 0.00	33.82 2.64 0.00	34.25 2.57 0.00	40.86 2.65 0.00	43.29 2.54 0.00	39.55 2.17 0.00	43.80 1.99 0.00	47.05 1.84 0.00	50.89 2.24 0.00	82.28 3.83 0.00	78.62 4.28 0.00	65.13 4.92 0.00	56.69 4.79 0.00	67.30 5.70 0.00	59.49 4.88 0.00	66.71 5.18 0.00	77.27 6.09 0.00	52.65 4.77 4.74	41.38 3.65 3.18	37.68 3.11 0.00
CPV_VALLEY__CC1 323721	40.16 0.98 0.00	23.15 0.73 6.63	24.74 0.64 1.52	25.56 0.62 0.25	18.04 0.46 6.15	31.80 0.62 0.00	32.28 0.60 0.00	35.57 0.70 3.33	41.51 0.76 0.00	27.75 0.64 10.28	42.51 0.69 0.00	46.00 0.80 0.00	49.74 1.08 0.00	79.47 1.03 0.00	75.72 1.38 0.00	62.24 2.04 0.00	53.53 1.63 0.00	63.24 1.65 0.00	56.27 1.66 0.00	62.97 1.44 0.00	72.66 1.48 0.00	53.82 1.20 0.00	41.97 1.07 0.00	35.77 1.25 0.05
CPV_VALLEY__CC2 323722	40.16 0.98 0.00	23.15 0.73 6.63	24.74 0.64 1.52	25.56 0.62 0.25	18.04 0.46 6.15	31.80 0.62 0.00	32.28 0.60 0.00	35.57 0.70 3.33	41.51 0.76 0.00	27.75 0.64 10.28	42.51 0.69 0.00	46.00 0.80 0.00	49.74 1.08 0.00	79.47 1.03 0.00	75.72 1.38 0.00	62.24 2.04 0.00	53.53 1.63 0.00	63.24 1.65 0.00	56.27 1.66 0.00	62.97 1.44 0.00	72.66 1.48 0.00	53.82 1.20 0.00	41.97 1.07 0.00	35.77 1.25 0.05
CRESCENT__HYD 24018	40.90 1.72 0.00	32.29 1.38 -1.86	27.28 1.23 -0.43	26.49 1.23 -0.07	26.53 1.08 -1.73	32.61 1.43 0.00	33.01 1.33 0.00	40.61 1.46 -0.94	42.06 1.31 0.00	41.20 0.93 -2.89	42.78 0.96 0.00	46.27 1.06 0.00	50.03 1.37 0.00	80.54 2.10 0.00	76.78 2.44 0.00	63.05 2.85 0.00	54.23 2.33 0.00	64.21 2.61 0.00	57.21 2.60 0.00	64.29 2.75 0.00	74.21 3.02 0.00	59.69 2.50 -4.57	46.05 2.09 -3.07	36.47 1.89 -0.01
CRICKET__VALLEY_CC1 323756	40.54 1.36 0.00	34.63 1.02 -4.56	27.56 0.90 -1.05	26.23 0.86 -0.17	28.64 0.70 -4.23	32.15 0.97 0.00	32.64 0.96 0.00	41.56 1.05 -2.29	41.85 1.10 0.00	45.28 0.83 -7.07	42.74 0.93 0.00	46.22 1.02 0.00	50.07 1.42 0.00	79.96 1.52 0.00	76.27 1.93 0.00	62.86 2.65 0.00	54.15 2.25 0.00	64.06 2.46 0.00	57.02 2.41 0.00	63.72 2.19 0.00	73.27 2.08 0.00	54.86 1.71 -0.53	42.83 1.57 -0.36	36.31 1.70 -0.03
CRICKET__VALLEY_CC2 323757	40.54 1.36 0.00	34.63 1.02 -4.56	27.56 0.90 -1.05	26.23 0.86 -0.17	28.64 0.70 -4.23	32.15 0.97 0.00	32.64 0.96 0.00	41.56 1.05 -2.29	41.85 1.10 0.00	45.28 0.83 -7.07	42.74 0.93 0.00	46.22 1.02 0.00	50.07 1.42 0.00	79.96 1.52 0.00	76.27 1.93 0.00	62.86 2.65 0.00	54.15 2.25 0.00	64.06 2.46 0.00	57.02 2.41 0.00	63.72 2.19 0.00	73.27 2.08 0.00	54.86 1.71 -0.53	42.83 1.57 -0.36	36.31 1.70 -0.03
CRICKET__VALLEY_CC3 323758	40.54 1.36 0.00	34.63 1.02 -4.56	27.56 0.90 -1.05	26.23 0.86 -0.17	28.64 0.70 -4.23	32.15 0.97 0.00	32.64 0.96 0.00	41.56 1.05 -2.29	41.85 1.10 0.00	45.28 0.83 -7.07	42.74 0.93 0.00	46.22 1.02 0.00	50.07 1.42 0.00	79.96 1.52 0.00	76.27 1.93 0.00	62.86 2.65 0.00	54.15 2.25 0.00	64.06 2.46 0.00	57.02 2.41 0.00	63.72 2.19 0.00	73.27 2.08 0.00	54.86 1.71 -0.53	42.83 1.57 -0.36	36.31 1.70 -0.03
CRUCIBLE__METL_DRP 24180	39.15 -0.06 -0.02	28.98 -0.08 0.00	25.52 -0.10 0.00	25.03 -0.16 0.00	23.57 -0.15 0.00	31.04 -0.14 0.00	31.63 -0.05 0.00	39.86 -0.02 -1.67	46.11 0.08 -5.28	38.10 0.16 -0.56	49.40 0.35 -7.23	58.31 0.60 -12.51	60.67 0.89 -11.12	81.88 1.14 -2.29	84.76 1.11 -9.32	68.05 1.21 -6.63	58.15 1.14 -5.11	69.46 1.19 -6.67	61.66 1.48 -5.58	70.26 1.65 -7.09	79.82 1.89 -6.74	56.41 1.37 -2.42	41.86 0.96 0.00	35.25 0.68 0.00
DAHOWA__HYDRO 323763	41.86 2.68 0.00	32.75 1.96 -1.74	27.75 1.73 -0.40	26.95 1.69 -0.07	26.85 1.53 -1.61	33.31 2.13 0.00	33.78 2.10 0.00	41.50 2.42 -0.88	43.05 2.30 0.00	41.74 1.66 -2.70	43.84 2.03 0.00	47.36 2.16 0.00	51.16 2.51 0.00	83.00 4.55 0.00	79.38 5.04 0.00	65.22 5.01 0.00	55.91 4.01 0.00	66.31 4.71 0.00	59.25 4.64 0.00	66.72 5.18 0.00	76.92 5.73 0.00	60.07 4.36 -3.08	46.44 3.47 -2.07	37.49 2.90 -0.01
DANC__LFGE 323619	39.73 0.52 -0.02	29.08 0.03 0.00	25.67 0.05 0.00	25.09 -0.11 0.00	23.57 -0.14 0.00	31.15 -0.03 0.00	32.14 0.46 0.00	40.82 0.76 -1.86	47.51 0.88 -5.87	38.87 0.87 -0.62	50.90 1.05 -8.03	60.47 1.37 -13.90	62.76 1.74 -12.36	83.65 2.66 -2.55	87.33 2.64 -10.36	69.67 2.09 -7.37	59.31 1.72 -5.68	71.04 2.03 -7.41	92.88 2.35 -35.92	114.19 3.23 -49.43	122.46 4.25 -47.02	72.44 2.91 -16.91	43.02 2.12 0.00	35.93 1.36 0.00
DANSKAMMER__1 23586	41.03 1.85 0.00	30.38 1.33 0.00	26.76 1.15 0.00	26.28 1.09 0.00	24.60 0.88 0.00	32.38 1.20 0.00	32.91 1.23 0.00	39.70 1.49 0.00	42.40 1.65 0.00	38.85 1.46 0.00	43.51 1.69 0.00	47.14 1.93 0.00	51.03 2.37 0.00	81.53 3.09 0.00	77.81 3.47 0.00	64.12 3.92 0.00	55.23 3.33 0.00	65.23 3.63 0.00	58.01 3.40 0.00	64.84 3.31 0.00	74.66 3.48 0.00	55.26 2.64 0.00	43.05 2.16 0.00	36.70 2.13 0.00
DANSKAMMER__2 23589	41.03 1.85 0.00	30.38 1.33 0.00	26.76 1.15 0.00	26.28 1.09 0.00	24.60 0.88 0.00	32.38 1.20 0.00	32.91 1.23 0.00	39.70 1.49 0.00	42.40 1.65 0.00	38.85 1.46 0.00	43.51 1.69 0.00	47.14 1.93 0.00	51.03 2.37 0.00	81.53 3.09 0.00	77.81 3.47 0.00	64.12 3.92 0.00	55.23 3.33 0.00	65.23 3.63 0.00	58.01 3.40 0.00	64.84 3.31 0.00	74.66 3.48 0.00	55.26 2.64 0.00	43.05 2.16 0.00	36.70 2.13 0.00
DANSKAMMER__3 23590	41.03 1.85 0.00	30.38 1.33 0.00	26.76 1.15 0.00	26.28 1.09 0.00	24.60 0.88 0.00	32.38 1.20 0.00	32.91 1.23 0.00	39.70 1.49 0.00	42.40 1.65 0.00	38.85 1.46 0.00	43.51 1.69 0.00	47.14 1.93 0.00	51.03 2.37 0.00	81.53 3.09 0.00	77.81 3.47 0.00	64.12 3.92 0.00	55.23 3.33 0.00	65.23 3.63 0.00	58.01 3.40 0.00	64.84 3.31 0.00	74.66 3.48 0.00	55.26 2.64 0.00	43.05 2.16 0.00	36.70 2.13 0.00

DANSKAMMER___4 23591	41.03 1.85 0.00	30.38 1.33 0.00	26.76 1.15 0.00	26.28 1.09 0.00	24.60 0.88 0.00	32.38 1.20 0.00	32.91 1.23 0.00	39.70 1.49 0.00	42.40 1.65 0.00	38.85 1.46 0.00	43.51 1.69 0.00	47.14 1.93 0.00	51.03 2.37 0.00	81.53 3.09 0.00	77.81 3.47 0.00	64.12 3.92 0.00	55.23 3.33 0.00	65.23 3.63 0.00	58.01 3.40 0.00	64.84 3.31 0.00	74.66 3.48 0.00	55.26 2.64 0.00	43.05 2.16 0.00	36.70 2.13 0.00
DANSKAMMER___DIESEL 23592	41.04 1.85 0.00	30.38 1.33 0.00	26.76 1.14 0.00	26.28 1.09 0.00	24.60 0.88 0.00	32.38 1.20 0.00	32.91 1.23 0.00	39.70 1.49 0.00	42.39 1.64 0.00	38.85 1.47 0.00	43.51 1.69 0.00	47.14 1.93 0.00	51.02 2.37 0.00	81.54 3.10 0.00	77.80 3.46 0.00	64.13 3.92 0.00	55.23 3.32 0.00	65.22 3.62 0.00	58.01 3.40 0.00	64.85 3.32 0.00	74.67 3.48 0.00	55.27 2.65 0.00	43.06 2.16 0.00	36.70 2.13 0.00
DARBY___SOLAR 323810	41.63 2.45 0.00	32.62 1.81 -1.76	27.61 1.59 -0.40	26.82 1.56 -0.07	26.75 1.40 -1.63	33.12 1.94 0.00	33.58 1.90 0.00	41.26 2.16 -0.88	42.79 2.04 0.00	41.55 1.44 -2.73	43.56 1.74 0.00	47.05 1.85 0.00	50.82 2.16 0.00	82.35 3.91 0.00	78.71 4.37 0.00	64.71 4.50 0.00	55.49 3.59 0.00	65.81 4.21 0.00	58.79 4.17 0.00	66.17 4.64 0.00	76.33 5.15 0.00	59.85 3.96 -3.27	46.26 3.16 -2.20	37.24 2.66 -0.01
DASHVILLE___HYD 23610	40.45 1.27 0.00	29.92 0.87 0.00	26.36 0.74 0.00	25.90 0.71 0.00	24.25 0.53 0.00	31.91 0.73 0.00	32.51 0.83 0.00	39.31 1.10 0.00	41.99 1.24 0.00	38.48 1.09 0.00	43.03 1.21 0.00	46.67 1.47 0.00	50.42 1.77 0.00	80.44 2.00 0.00	76.71 2.37 0.00	63.19 2.98 0.00	54.01 2.11 0.00	63.59 1.99 0.00	56.54 1.93 0.00	63.18 1.65 0.00	72.76 1.58 0.00	52.76 1.31 0.16	41.29 1.18 0.78	35.91 1.34 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	91.86 3.58 -49.10	90.77 2.64 -59.08	52.14 2.27 -24.25	29.64 2.17 -2.28	35.88 1.82 -10.34	33.68 2.50 0.00	34.19 2.51 0.00	46.96 3.14 -5.61	44.45 3.70 0.00	64.42 3.62 -23.42	83.96 4.44 -37.71	89.25 4.79 -39.25	205.13 5.36 -151.11	143.46 7.33 -57.69	131.76 7.68 -49.74	97.61 7.58 -29.82	160.96 6.10 -102.95	221.49 6.52 -153.38	255.97 6.36 -195.00	75.82 7.01 -7.28	77.80 6.62 0.00	58.05 5.18 -0.25	47.58 4.20 -2.49	41.49 3.94 -2.98
DELAWARE___LFGE 323621	40.23 1.05 0.00	29.88 0.82 0.00	26.38 0.76 0.00	25.94 0.75 0.00	24.38 0.66 0.00	32.05 0.87 0.00	32.57 0.89 0.00	39.56 1.07 -0.28	42.82 1.17 -0.89	38.61 1.13 -0.09	44.44 1.40 -1.22	48.88 1.56 -2.12	52.39 1.85 -1.88	81.32 2.49 -0.39	78.39 2.48 -1.58	63.74 2.41 -1.12	54.80 2.03 -0.86	64.98 2.25 -1.13	56.95 2.26 -0.09	63.96 2.43 0.00	73.97 2.78 0.00	54.81 2.19 0.00	42.58 1.69 0.00	36.03 1.46 0.00
DERFIELD_115KV_TB7 355931	39.42 0.23 0.00	29.25 0.20 0.00	25.80 0.18 0.00	25.37 0.18 0.00	23.85 0.14 0.00	31.36 0.18 0.00	31.85 0.17 0.00	38.40 0.19 0.00	40.92 0.16 0.00	37.50 0.12 0.00	41.96 0.15 0.00	45.39 0.19 0.00	48.94 0.29 0.00	78.81 0.36 0.00	74.73 0.39 0.00	60.79 0.59 0.00	52.35 0.45 0.00	62.07 0.47 0.00	59.64 0.54 -4.49	68.38 0.56 -6.28	77.81 0.65 -5.98	55.33 0.56 -2.15	41.35 0.45 0.00	34.98 0.41 0.00
DOGLEVILLE___HYD 23807	40.26 1.08 0.00	30.01 0.95 0.00	26.47 0.85 0.00	25.98 0.78 0.00	24.39 0.68 0.00	32.10 0.92 0.00	32.45 0.77 0.00	38.93 0.72 0.00	41.15 0.40 0.00	37.45 0.06 0.00	42.04 0.22 0.00	45.62 0.42 0.00	49.19 0.54 0.00	79.33 0.89 0.00	75.97 1.63 0.00	62.65 2.45 0.00	53.36 1.46 0.00	63.44 1.84 0.00	61.43 2.32 -4.49	70.15 2.33 -6.28	79.81 2.64 -5.98	57.15 2.38 -2.15	42.80 1.90 0.00	36.19 1.62 0.00
DUNKIRK___115KV_TB_200 55889	39.25 0.07 0.00	28.78 -0.27 0.00	25.21 -0.40 0.00	24.55 -0.64 0.00	23.27 -0.44 0.00	30.96 -0.22 0.00	31.82 0.13 0.00	38.88 0.67 0.00	42.47 1.72 0.00	39.41 2.03 0.00	45.10 3.28 0.00	49.18 3.98 0.00	53.13 4.48 0.00	84.19 5.74 0.00	79.39 5.05 0.00	65.08 4.87 0.00	56.47 4.57 0.00	66.11 4.52 0.00	59.67 5.06 0.00	67.93 6.39 0.00	79.61 8.42 0.00	58.99 6.36 -0.01	45.63 4.71 -0.02	38.09 3.52 0.00
DUNKIRK___1 23563	39.25 0.07 0.00	28.78 -0.27 0.00	25.21 -0.40 0.00	24.55 -0.64 0.00	23.27 -0.44 0.00	30.96 -0.22 0.00	31.82 0.13 0.00	38.88 0.67 0.00	42.47 1.72 0.00	39.41 2.03 0.00	45.10 3.28 0.00	49.18 3.98 0.00	53.13 4.48 0.00	84.19 5.74 0.00	79.39 5.05 0.00	65.08 4.87 0.00	56.47 4.57 0.00	66.11 4.52 0.00	59.67 5.06 0.00	67.93 6.39 0.00	79.61 8.42 0.00	58.99 6.36 -0.01	45.63 4.71 -0.02	38.09 3.52 0.00
DUNKIRK___2 23564	39.25 0.07 0.00	28.78 -0.27 0.00	25.21 -0.40 0.00	24.55 -0.64 0.00	23.27 -0.44 0.00	30.96 -0.22 0.00	31.82 0.13 0.00	38.88 0.67 0.00	42.47 1.72 0.00	39.41 2.03 0.00	45.10 3.28 0.00	49.18 3.98 0.00	53.13 4.48 0.00	84.19 5.74 0.00	79.39 5.05 0.00	65.08 4.87 0.00	56.47 4.57 0.00	66.11 4.52 0.00	59.67 5.06 0.00	67.93 6.39 0.00	79.61 8.42 0.00	58.99 6.36 -0.01	45.63 4.71 -0.02	38.09 3.52 0.00
DUNKIRK___3 23565	39.21 0.03 0.00	28.80 -0.25 0.00	25.26 -0.36 0.00	24.62 -0.57 0.00	23.28 -0.43 0.00	30.95 -0.23 0.00	31.75 0.07 0.00	38.69 0.48 0.00	42.21 1.46 0.00	39.15 1.76 0.00	44.75 2.94 0.00	48.75 3.54 0.00	52.65 4.00 0.00	83.59 5.15 0.00	78.78 4.44 0.00	64.55 4.35 0.00	56.03 4.13 0.00	65.64 4.04 0.00	59.24 4.63 0.00	67.41 5.88 0.00	78.85 7.66 0.00	58.48 5.85 -0.01	45.25 4.33 -0.02	37.81 3.24 0.00
DUNKIRK___4 23566	39.21 0.03 0.00	28.80 -0.25 0.00	25.26 -0.36 0.00	24.62 -0.57 0.00	23.28 -0.43 0.00	30.95 -0.23 0.00	31.75 0.07 0.00	38.69 0.48 0.00	42.21 1.46 0.00	39.15 1.76 0.00	44.75 2.94 0.00	48.75 3.54 0.00	52.65 4.00 0.00	83.59 5.15 0.00	78.78 4.44 0.00	64.55 4.35 0.00	56.03 4.13 0.00	65.64 4.04 0.00	59.24 4.63 0.00	67.41 5.88 0.00	78.85 7.66 0.00	58.48 5.85 -0.01	45.25 4.33 -0.02	37.81 3.24 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	40.96 1.78 0.00	41.38 1.28 -11.04	29.27 1.11 -2.54	26.68 1.07 -0.42	34.80 0.85 -10.24	32.33 1.15 0.00	32.86 1.18 0.00	45.18 1.42 -5.55	42.34 1.59 0.00	55.91 1.41 -17.12	43.33 1.52 0.00	46.84 1.64 0.00	50.63 1.97 0.00	80.74 2.30 0.00	76.99 2.65 0.00	63.49 3.28 0.00	54.57 2.67 0.00	64.40 2.81 0.00	57.23 2.62 0.00	63.90 2.37 0.00	73.57 2.38 0.00	54.78 1.91 -0.25	42.81 1.74 -0.17	36.65 2.00 -0.08
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	40.74 1.56 0.00	26.88 1.12 3.29	25.82 0.96 0.75	25.98 0.91 0.12	21.40 0.73 3.05	32.17 0.99 0.00	32.68 0.99 0.00	37.76 1.20 1.66	42.07 1.32 0.00	33.44 1.15 5.10	43.12 1.30 0.00	46.69 1.49 0.00	50.52 1.87 0.00	80.68 2.23 0.00	76.92 2.59 0.00	63.36 3.15 0.00	54.56 2.65 0.00	64.45 2.86 0.00	57.36 2.75 0.00	64.13 2.60 0.00	73.95 2.76 0.00	54.75 2.13 0.00	42.67 1.77 0.00	36.38 1.83 0.02

E179THST_138_KV_TB4_REV_LBMP_J 345001	41.11 1.93 0.00	41.46 1.35 -11.05	29.32 1.17 -2.54	26.73 1.11 -0.42	34.85 0.89 -10.25	32.39 1.21 0.00	32.97 1.29 0.00	45.25 1.48 -5.56	42.43 1.68 0.00	55.98 1.46 -17.13	43.33 1.52 0.00	46.84 1.64 0.00	50.56 1.90 0.00	80.70 2.25 0.00	76.99 2.65 0.00	63.49 3.28 0.00	54.50 2.60 0.00	64.25 2.66 0.00	57.12 2.51 0.00	72.11 2.24 -8.34	73.45 2.26 0.00	54.73 1.86 -0.25	42.87 1.81 -0.17	36.78 2.14 -0.08
E179THST_13_KV_LOAD 356214	41.35 2.17 0.00	41.62 1.52 -11.05	29.46 1.30 -2.54	26.87 1.26 -0.42	34.98 1.01 -10.25	32.56 1.38 0.00	33.16 1.47 0.00	45.50 1.73 -5.56	42.70 1.95 0.00	56.21 1.70 -17.13	43.62 1.81 0.00	47.17 1.97 0.00	50.92 2.27 0.00	81.29 2.84 0.00	77.54 3.20 0.00	63.96 3.75 0.00	54.90 3.00 0.00	64.75 3.15 0.00	57.54 2.93 0.00	72.58 2.71 -8.34	74.00 2.81 0.00	55.13 2.26 -0.25	43.17 2.10 -0.17	37.02 2.38 -0.08
EAST HAMPTON___GT 23717	92.51 4.22 -49.10	91.25 3.12 -59.08	52.55 2.67 -24.26	30.03 2.56 -2.28	36.25 2.20 -10.34	34.17 2.99 0.00	34.73 3.04 0.00	47.64 3.82 -5.61	45.24 4.48 0.00	65.19 4.39 -23.42	84.90 5.38 -37.71	90.32 5.86 -39.25	206.32 6.53 -151.14	145.31 9.16 -57.70	133.58 9.48 -49.75	99.11 9.08 -29.83	161.94 7.07 -102.96	222.32 7.32 -153.40	257.07 7.42 -195.04	77.36 8.55 -7.28	79.48 8.29 0.00	59.22 6.34 -0.25	48.44 5.05 -2.49	42.15 4.60 -2.98
EAST RIVER___6 23660	41.04 1.86 0.00	41.44 1.34 -11.05	29.31 1.15 -2.54	26.70 1.08 -0.42	34.81 0.84 -10.25	32.31 1.13 0.00	32.82 1.14 0.00	45.16 1.39 -5.56	42.34 1.59 0.00	55.96 1.44 -17.14	43.32 1.51 0.00	46.81 1.61 0.00	50.58 1.92 0.00	80.66 2.21 0.00	76.91 2.57 0.00	63.50 3.29 0.00	54.59 2.69 0.00	64.44 2.84 0.00	57.26 2.65 0.00	63.85 2.32 0.00	73.52 2.34 0.00	54.69 1.82 -0.25	42.78 1.71 -0.17	36.72 2.07 -0.08
EAST RIVER___7 23524	41.04 1.86 0.00	41.44 1.34 -11.05	29.31 1.15 -2.54	26.70 1.08 -0.42	34.81 0.84 -10.25	32.31 1.13 0.00	32.82 1.14 0.00	45.16 1.39 -5.56	42.34 1.59 0.00	55.96 1.44 -17.14	43.32 1.51 0.00	46.81 1.61 0.00	50.58 1.92 0.00	80.66 2.21 0.00	76.91 2.57 0.00	63.50 3.29 0.00	54.59 2.69 0.00	64.44 2.84 0.00	57.26 2.65 0.00	63.85 2.32 0.00	73.52 2.34 0.00	54.69 1.82 -0.25	42.78 1.71 -0.17	36.72 2.07 -0.08
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	40.88 1.69 0.00	42.07 1.22 -11.79	29.39 1.06 -2.71	26.66 1.02 -0.45	35.46 0.81 -10.93	32.27 1.10 0.00	32.79 1.11 0.00	45.47 1.33 -5.93	42.24 1.49 0.00	56.97 1.30 -18.28	43.23 1.42 0.00	46.75 1.55 0.00	50.54 1.89 0.00	80.64 2.20 0.00	76.88 2.54 0.00	63.39 3.18 0.00	54.50 2.59 0.00	64.33 2.73 0.00	57.19 2.58 0.00	63.86 2.33 0.00	73.52 2.33 0.00	54.74 1.87 -0.25	42.75 1.68 -0.17	36.57 1.92 -0.08
EAST_HAMPTON___DIESEL 23722	92.52 4.24 -49.10	91.26 3.12 -59.08	52.56 2.69 -24.26	30.04 2.57 -2.28	36.26 2.20 -10.34	34.18 3.01 0.00	34.74 3.05 0.00	47.66 3.84 -5.61	45.25 4.50 0.00	65.21 4.41 -23.42	84.93 5.41 -37.71	90.35 5.89 -39.25	206.34 6.56 -151.13	145.34 9.20 -57.70	133.61 9.52 -49.75	99.13 9.10 -29.82	161.98 7.11 -102.96	222.38 7.38 -153.40	257.12 7.48 -195.04	77.39 8.59 -7.28	79.51 8.33 0.00	59.25 6.37 -0.25	48.45 5.07 -2.49	42.16 4.61 -2.98
EAST_POINT___SOLAR 323840	42.35 3.16 0.00	31.22 2.17 0.00	27.49 1.87 0.00	26.99 1.80 0.00	25.41 1.70 0.00	33.48 2.30 0.00	33.99 2.31 0.00	40.66 2.45 0.00	42.87 2.12 0.00	38.97 1.58 0.00	44.37 2.56 0.00	47.68 2.47 0.00	51.45 2.80 0.00	84.07 5.62 0.00	80.21 5.87 0.00	64.78 4.57 0.00	55.23 3.33 0.00	66.71 5.11 0.00	59.93 5.32 0.00	67.78 6.25 0.00	78.78 7.59 0.00	59.73 5.81 -1.30	45.91 4.14 -0.87	37.75 3.18 0.00
EAST_PULASKI___ESR 323781	39.17 -0.05 -0.04	28.86 -0.19 0.00	25.44 -0.18 0.00	24.93 -0.27 0.00	23.44 -0.27 0.00	30.90 -0.28 0.00	31.63 -0.06 0.00	40.90 0.03 -2.66	49.26 0.10 -8.41	38.42 0.16 -0.88	53.61 0.30 -11.50	65.65 0.54 -19.91	67.19 0.84 -17.69	83.26 1.16 -3.65	90.31 1.14 -14.83	71.78 1.02 -10.55	60.85 0.82 -8.13	73.11 0.90 -10.61	75.68 1.21 -19.86	89.85 1.69 -26.64	98.71 2.19 -25.33	63.32 1.59 -9.11	42.01 1.11 0.00	35.25 0.68 0.00
EAST_RIVER___1 323558	41.05 1.87 0.00	41.44 1.33 -11.05	29.30 1.15 -2.54	26.71 1.10 -0.42	34.83 0.87 -10.25	32.35 1.17 0.00	32.89 1.20 0.00	45.26 1.49 -5.56	42.43 1.68 0.00	56.03 1.50 -17.14	43.39 1.58 0.00	46.89 1.69 0.00	50.65 1.99 0.00	80.76 2.32 0.00	77.02 2.68 0.00	63.55 3.35 0.00	54.60 2.70 0.00	64.40 2.80 0.00	57.22 2.61 0.00	63.81 2.28 0.00	73.48 2.29 0.00	54.69 1.81 -0.25	42.78 1.71 -0.17	36.71 2.06 -0.08
EAST_RIVER___2 323559	41.04 1.86 0.00	41.44 1.34 -11.05	29.31 1.15 -2.54	26.70 1.08 -0.42	34.81 0.84 -10.25	32.31 1.13 0.00	32.82 1.14 0.00	45.16 1.39 -5.56	42.34 1.59 0.00	55.96 1.44 -17.14	43.32 1.51 0.00	46.81 1.61 0.00	50.58 1.92 0.00	80.66 2.21 0.00	76.91 2.57 0.00	63.50 3.29 0.00	54.59 2.69 0.00	64.44 2.84 0.00	57.26 2.65 0.00	63.85 2.32 0.00	73.52 2.34 0.00	54.69 1.82 -0.25	42.78 1.71 -0.17	36.72 2.07 -0.08
EAST___DELAWARE_HYD 23607	39.76 0.58 0.00	27.13 0.37 2.29	25.38 0.28 0.53	25.36 0.25 0.09	21.71 0.12 2.12	31.36 0.18 0.00	31.88 0.20 0.00	37.34 0.28 1.15	40.93 0.18 0.00	33.07 -0.76 3.55	40.97 -0.84 0.00	44.35 -0.85 0.00	47.95 -0.70 0.00	76.66 -1.79 0.00	73.14 -1.20 0.00	60.30 0.09 0.00	51.95 0.05 0.00	61.35 -0.25 0.00	54.64 0.03 0.00	61.26 -0.27 0.00	70.89 -0.30 0.00	53.71 1.09 0.00	41.78 0.88 0.00	35.52 0.96 0.02
EIGHT_POINT___WT_PWR 323820	39.59 0.40 0.00	28.83 -0.22 0.00	25.15 -0.47 0.00	24.71 -0.48 0.00	23.19 -0.53 0.00	30.79 -0.39 0.00	31.71 0.03 0.00	38.85 0.29 -0.35	43.03 1.18 -1.10	39.24 1.74 -0.12	45.96 2.64 -1.51	50.99 3.19 -2.60	54.54 3.58 -2.31	83.59 4.67 -0.48	80.73 4.46 -1.94	65.95 4.36 -1.38	57.11 4.14 -1.06	67.38 4.40 -1.39	59.44 4.73 -0.10	67.31 5.77 0.00	78.06 6.87 0.00	57.55 4.93 0.00	44.40 3.49 -0.01	37.03 2.46 0.00
ELBRIDGE_115KV_TB2 80188	39.10 -0.11 -0.02	28.95 -0.10 0.00	25.49 -0.13 0.00	24.99 -0.20 0.00	23.54 -0.18 0.00	31.02 -0.16 0.00	31.60 -0.08 0.00	39.91 -0.07 -1.77	46.37 0.03 -5.60	38.09 0.12 -0.59	49.81 0.34 -7.66	59.02 0.56 -13.25	61.24 0.82 -11.78	81.86 0.99 -2.43	85.10 0.89 -9.87	68.30 1.07 -7.03	58.35 1.03 -5.41	69.68 1.02 -7.06	61.02 1.33 -5.08	69.47 1.59 -6.35	79.11 1.89 -6.04	56.17 1.38 -2.17	41.86 0.96 0.00	35.24 0.67 0.00
ELEC_TRO_TEK 24086	90.56 2.28 -49.10	89.79 1.66 -59.08	51.31 1.44 -24.25	28.85 1.38 -2.28	35.17 1.11 -10.34	32.70 1.52 0.00	33.17 1.49 0.00	45.52 1.70 -5.61	42.70 1.95 0.00	62.61 1.81 -23.42	81.61 2.09 -37.71	77.32 2.30 -29.81	84.91 2.68 -33.57	83.37 3.19 -1.74	82.94 3.61 -4.99	79.47 4.17 -15.10	84.02 3.45 -28.67	92.23 3.75 -26.88	95.43 3.49 -37.33	71.70 3.27 -6.90	74.05 2.86 0.00	55.33 2.46 -0.25	45.57 2.18 -2.49	39.96 2.41 -2.98

ELLENBURG_WT_PWR 323604	38.74 -0.44 0.00	28.62 -0.43 0.00	25.23 -0.39 0.00	24.80 -0.40 0.00	23.62 -0.09 0.00	31.09 -0.09 0.00	31.60 -0.08 0.00	38.21 0.00 0.00	40.68 -0.07 0.00	37.21 -0.18 0.00	41.39 -0.42 0.00	44.43 -0.77 0.00	47.51 -1.15 0.00	76.59 -1.86 0.00	72.26 -2.08 0.00	57.79 -2.41 0.00	49.32 -2.58 0.00	58.62 -2.98 0.00	30.16 -3.00 21.45	28.13 -3.43 29.98	38.43 -4.24 28.51	39.86 -2.50 10.26	39.13 -1.77 0.00	32.93 -1.64 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	39.25 0.07 0.00	29.01 -0.05 0.00	25.53 -0.09 0.00	24.92 -0.28 0.00	23.36 -0.36 0.00	30.99 -0.19 0.00	31.69 0.00 0.00	38.28 0.07 0.00	41.79 1.04 0.00	38.75 1.36 0.00	44.33 2.51 0.00	48.17 2.96 0.00	52.03 3.38 0.00	82.92 4.47 0.00	77.92 3.59 0.00	63.75 3.54 0.00	55.43 3.52 0.00	64.95 3.35 0.00	58.65 4.04 0.00	66.92 5.38 0.00	77.92 6.73 0.00	58.01 5.38 -0.01	44.89 3.97 -0.02	37.54 2.97 0.00
EMPIRE_CC_1 323656	40.43 1.25 0.00	32.51 1.07 -2.38	27.14 0.98 -0.55	26.27 0.99 -0.09	26.78 0.85 -2.21	32.28 1.10 0.00	32.65 0.97 0.00	40.34 0.94 -1.20	41.50 0.75 0.00	41.51 0.43 -3.69	41.99 0.18 0.00	45.36 0.16 0.00	49.06 0.41 0.00	78.80 0.35 0.00	75.14 0.80 0.00	61.75 1.54 0.00	53.09 1.19 0.00	62.87 1.27 0.00	55.94 1.33 0.00	63.00 1.46 0.00	72.72 1.53 0.00	58.90 1.47 -4.81	45.47 1.35 -3.23	35.96 1.37 -0.02
EMPIRE_CC_2 323658	40.43 1.25 0.00	32.51 1.07 -2.38	27.14 0.98 -0.55	26.27 0.99 -0.09	26.78 0.85 -2.21	32.28 1.10 0.00	32.65 0.97 0.00	40.34 0.94 -1.20	41.50 0.75 0.00	41.51 0.43 -3.69	41.99 0.18 0.00	45.36 0.16 0.00	49.06 0.41 0.00	78.80 0.35 0.00	75.14 0.80 0.00	61.75 1.54 0.00	53.09 1.19 0.00	62.87 1.27 0.00	55.94 1.33 0.00	63.00 1.46 0.00	72.72 1.53 0.00	58.90 1.47 -4.81	45.47 1.35 -3.23	35.96 1.37 -0.02
ENORWICH_115KV_TB1 80156	41.97 2.78 -0.01	31.07 2.02 0.00	27.38 1.76 0.00	26.78 1.59 0.00	25.38 1.66 0.00	33.55 2.37 0.00	34.33 2.65 0.00	42.30 3.44 -0.65	46.61 3.80 -2.05	41.07 3.47 -0.22	48.62 3.99 -2.81	54.80 4.74 -4.87	58.10 5.12 -4.32	87.23 7.90 -0.89	85.22 7.25 -3.62	69.43 6.64 -2.58	60.09 6.20 -1.99	71.36 7.17 -2.59	62.14 7.33 -0.20	70.34 8.80 0.00	81.50 10.31 0.00	60.07 7.45 0.00	46.11 5.21 0.00	38.45 3.88 0.00
ERIE_ST__34_KV_TB1-2 80199	39.93 0.74 0.00	29.44 0.39 0.00	25.88 0.26 0.00	25.26 0.07 0.00	23.71 0.00 0.00	31.44 0.25 0.00	32.16 0.47 0.00	38.96 0.75 0.00	42.52 1.77 0.00	39.45 2.07 0.00	45.14 3.32 0.00	49.11 3.91 0.00	53.03 4.37 0.00	84.48 6.03 0.00	79.63 5.28 0.00	65.24 5.04 0.00	56.72 4.82 0.00	66.54 4.95 0.00	60.07 5.46 0.00	68.46 6.93 0.00	79.75 8.57 0.00	59.22 6.59 -0.01	45.69 4.77 -0.02	38.19 3.61 0.00
ERIE_WT_PWR 323693	39.56 0.38 0.00	29.20 0.15 0.00	25.68 0.07 0.00	25.06 -0.13 0.00	23.49 -0.23 0.00	31.18 0.00 0.00	31.91 0.23 0.00	38.59 0.38 0.00	42.14 1.39 0.00	39.07 1.69 0.00	44.71 2.89 0.00	48.62 3.42 0.00	52.52 3.87 0.00	83.69 5.24 0.00	78.68 4.33 0.00	64.41 4.20 0.00	56.00 4.09 0.00	65.63 4.03 0.00	59.24 4.63 0.00	67.55 6.02 0.00	78.73 7.54 0.00	58.56 5.93 -0.01	45.31 4.39 -0.02	37.83 3.26 0.00
ESPRGFLD_115KV_TB1 80157	41.28 2.10 0.00	30.42 1.37 0.00	26.81 1.19 0.00	26.33 1.14 0.00	24.80 1.08 0.00	32.69 1.51 0.00	33.36 1.68 0.00	40.37 2.16 0.00	43.27 2.52 0.00	39.94 2.55 0.00	45.12 3.30 0.00	48.71 3.51 0.00	52.57 3.92 0.00	84.44 5.99 0.00	79.93 5.58 0.00	64.40 4.19 0.00	55.57 3.67 0.00	66.14 4.54 0.00	58.94 4.34 0.00	66.57 5.04 0.00	76.82 5.63 0.00	57.85 4.37 -0.86	44.59 3.11 -0.57	36.94 2.37 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	40.24 1.05 -0.01	29.76 0.71 0.00	26.20 0.58 0.00	25.69 0.49 0.00	24.21 0.50 0.00	31.92 0.74 0.00	32.55 0.87 0.00	40.24 1.13 -0.90	44.89 1.29 -2.85	38.94 1.25 -0.30	47.29 1.58 -3.90	53.84 1.90 -6.75	56.95 2.30 -6.00	82.90 3.22 -1.24	82.38 3.02 -5.02	66.83 3.05 -3.58	57.36 2.71 -2.76	68.24 3.04 -3.60	58.25 3.37 -0.27	65.58 4.05 0.00	76.14 4.95 0.00	56.22 3.60 0.00	43.47 2.57 0.00	36.52 1.95 0.00
ETNA____115KV_TB2 80207	40.24 1.05 -0.01	29.76 0.71 0.00	26.20 0.58 0.00	25.69 0.49 0.00	24.21 0.50 0.00	31.92 0.74 0.00	32.55 0.87 0.00	40.24 1.13 -0.90	44.89 1.29 -2.85	38.94 1.25 -0.30	47.29 1.58 -3.90	53.84 1.90 -6.75	56.95 2.30 -6.00	82.90 3.22 -1.24	82.38 3.02 -5.02	66.83 3.05 -3.58	57.36 2.71 -2.76	68.24 3.04 -3.60	58.25 3.37 -0.27	65.58 4.05 0.00	76.14 4.95 0.00	56.22 3.60 0.00	43.47 2.57 0.00	36.52 1.95 0.00
EUCLID____115KV_TB2 356179	38.88 -0.31 -0.01	28.80 -0.26 0.00	25.37 -0.25 0.00	24.90 -0.29 0.00	23.43 -0.28 0.00	30.84 -0.34 0.00	31.40 -0.28 0.00	38.68 -0.30 -0.76	42.94 -0.22 -2.41	37.54 -0.10 -0.25	45.21 0.09 -3.30	51.20 0.28 -5.72	54.25 0.52 -5.08	80.05 0.55 -1.05	79.15 0.55 -4.26	64.01 0.77 -3.03	54.96 0.72 -2.34	65.33 0.69 -3.05	61.69 0.97 -6.11	70.83 1.08 -8.22	80.25 1.25 -7.82	56.37 0.93 -2.81	41.53 0.63 0.00	34.97 0.40 0.00
E_CANADA_CAP_HY 24051	41.84 2.65 0.00	30.82 1.76 0.00	27.14 1.51 0.00	26.66 1.46 0.00	25.10 1.38 0.00	33.07 1.89 0.00	33.71 2.03 0.00	40.69 2.48 0.00	43.45 2.70 0.00	39.95 2.56 0.00	45.20 3.39 0.00	48.64 3.44 0.00	52.47 3.81 0.00	84.69 6.24 0.00	80.33 5.99 0.00	64.58 4.37 0.00	55.44 3.54 0.00	66.23 4.64 0.00	59.11 4.50 0.00	66.77 5.24 0.00	77.37 6.18 0.00	58.65 4.89 -1.14	45.12 3.46 -0.77	37.19 2.62 0.00
E_CANADA_MHWK_HY 24050	40.26 1.08 0.00	30.01 0.95 0.00	26.47 0.85 0.00	25.98 0.78 0.00	24.39 0.68 0.00	32.10 0.92 0.00	32.45 0.77 0.00	38.93 0.72 0.00	41.15 0.40 0.00	37.45 0.06 0.00	42.04 0.22 0.00	45.62 0.42 0.00	49.19 0.54 0.00	79.33 0.89 0.00	75.97 1.63 0.00	62.65 2.45 0.00	53.36 1.46 0.00	63.44 1.84 0.00	61.43 2.32 -4.49	70.15 2.33 -6.28	79.81 2.64 -5.98	57.15 2.38 -2.15	42.80 1.90 0.00	36.19 1.62 0.00
E_FISHKILL____LBMP 23776	40.63 1.44 0.00	33.99 1.08 -3.85	27.45 0.94 -0.88	26.25 0.91 -0.15	28.01 0.72 -3.57	32.16 0.98 0.00	32.66 0.98 0.00	41.28 1.13 -1.94	41.98 1.23 0.00	44.39 1.03 -5.97	42.94 1.12 0.00	46.44 1.24 0.00	50.21 1.56 0.00	80.14 1.70 0.00	76.41 2.07 0.00	62.94 2.74 0.00	54.12 2.21 0.00	63.94 2.34 0.00	56.85 2.24 0.00	63.55 2.01 0.00	73.22 2.04 0.00	54.54 1.66 -0.26	42.59 1.52 -0.17	36.31 1.71 -0.03
FALCON____SEABRD_CC1 323796	39.13 -0.05 0.00	28.97 -0.08 0.00	25.56 -0.05 0.00	25.11 -0.08 0.00	23.94 0.22 0.00	31.53 0.35 0.00	31.99 0.31 0.00	38.58 0.37 0.00	40.88 0.13 0.00	37.24 -0.15 0.00	41.44 -0.37 0.00	44.57 -0.63 0.00	47.69 -0.96 0.00	76.52 -1.92 0.00	71.63 -2.71 0.00	57.36 -2.85 0.00	48.92 -2.98 0.00	58.07 -3.53 0.00	29.16 -3.40 22.06	26.76 -3.94 30.83	37.22 -4.64 29.32	39.95 -2.12 10.55	39.64 -1.26 0.00	33.36 -1.21 0.00

FALCON___SEABRD_CC2 323797	39.13 -0.05 0.00	28.97 -0.08 0.00	25.56 -0.05 0.00	25.11 -0.08 0.00	23.94 0.22 0.00	31.53 0.35 0.00	31.99 0.31 0.00	38.58 0.37 0.00	40.88 0.13 0.00	37.24 -0.15 0.00	41.44 -0.37 0.00	44.57 -0.63 0.00	47.69 -0.96 0.00	76.52 -1.92 0.00	71.63 -2.71 0.00	57.36 -2.85 0.00	48.92 -2.98 0.00	58.07 -3.53 0.00	29.16 -3.40 22.06	26.76 -3.94 30.83	37.22 -4.64 29.32	39.95 -2.12 10.55	39.64 -1.26 0.00	33.36 -1.21 0.00
FAR ROCKAWAY___4 23548	91.15 2.87 -49.10	90.19 2.06 -59.08	51.65 1.78 -24.25	29.17 1.70 -2.28	35.46 1.41 -10.34	33.09 1.91 0.00	33.56 1.88 0.00	45.98 2.16 -5.61	43.22 2.47 0.00	63.15 2.34 -23.42	82.00 2.47 -37.71	77.72 2.71 -29.81	85.36 3.14 -33.57	84.07 3.89 -1.74	83.65 4.32 -4.99	80.12 4.81 -15.10	84.64 4.07 -28.67	93.00 4.52 -26.88	96.11 4.18 -37.33	72.35 3.92 -6.90	74.79 3.61 0.00	55.88 3.01 -0.25	45.98 2.59 -2.49	40.59 3.04 -2.98
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	41.06 1.88 0.00	41.44 1.34 -11.05	29.31 1.16 -2.54	26.72 1.11 -0.42	34.85 0.89 -10.25	32.37 1.19 0.00	32.92 1.24 0.00	45.29 1.52 -5.56	42.48 1.72 0.00	56.06 1.54 -17.14	43.44 1.62 0.00	46.93 1.73 0.00	50.68 2.03 0.00	80.81 2.37 0.00	77.07 2.73 0.00	63.57 3.37 0.00	54.62 2.72 0.00	64.43 2.83 0.00	57.24 2.63 0.00	63.84 2.31 0.00	73.51 2.32 0.00	54.71 1.84 -0.25	42.80 1.73 -0.17	36.74 2.09 -0.08
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	41.09 1.90 0.00	41.45 1.35 -11.05	29.32 1.16 -2.54	26.73 1.12 -0.42	34.85 0.89 -10.25	32.38 1.20 0.00	32.93 1.25 0.00	45.30 1.53 -5.56	42.48 1.73 0.00	56.07 1.54 -17.14	43.44 1.62 0.00	46.94 1.74 0.00	50.69 2.04 0.00	80.83 2.39 0.00	77.09 2.75 0.00	63.60 3.39 0.00	54.64 2.73 0.00	64.44 2.85 0.00	57.25 2.64 0.00	63.87 2.34 0.00	73.54 2.36 0.00	54.74 1.87 -0.25	42.82 1.76 -0.17	36.75 2.11 -0.08
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	41.05 1.87 0.00	41.42 1.32 -11.05	29.30 1.14 -2.54	26.71 1.10 -0.42	34.83 0.87 -10.25	32.36 1.18 0.00	32.91 1.23 0.00	45.27 1.50 -5.56	42.45 1.70 0.00	56.04 1.52 -17.14	43.40 1.58 0.00	46.90 1.69 0.00	50.65 1.99 0.00	80.76 2.32 0.00	77.01 2.67 0.00	63.53 3.32 0.00	54.58 2.68 0.00	64.37 2.77 0.00	57.19 2.58 0.00	63.78 2.25 0.00	73.45 2.26 0.00	54.68 1.81 -0.25	42.77 1.70 -0.17	36.71 2.06 -0.08
FARRAGUT___LBMP 323566	41.02 1.83 0.00	41.41 1.30 -11.05	29.28 1.12 -2.54	26.69 1.07 -0.42	34.81 0.85 -10.25	32.33 1.15 0.00	32.88 1.20 0.00	45.23 1.46 -5.56	42.40 1.65 0.00	55.99 1.47 -17.14	43.35 1.54 0.00	46.83 1.63 0.00	50.59 2.21 0.00	80.66 2.57 0.00	76.91 2.32 0.00	63.45 3.24 0.00	54.51 2.61 0.00	64.31 2.71 0.00	57.13 2.52 0.00	63.72 2.19 0.00	73.38 2.19 0.00	54.63 1.75 -0.25	42.73 1.66 -0.17	36.68 2.03 -0.08
FENNER___WINDPWR 24204	40.43 1.24 -0.01	29.88 0.83 0.00	26.32 0.70 0.00	25.82 0.63 0.00	24.29 0.58 0.00	32.01 0.83 0.00	32.64 0.96 0.00	40.13 1.24 -0.68	44.34 1.44 -2.15	38.97 1.36 -0.23	46.35 1.58 -2.95	52.15 1.84 -5.10	55.41 2.22 -4.53	82.93 3.55 -0.93	81.30 3.16 -3.80	65.80 2.90 -2.71	56.37 2.38 -2.09	66.98 2.66 -2.72	65.89 2.77 -8.51	76.39 3.24 -11.61	86.24 4.01 -11.04	59.45 2.86 -3.97	42.94 2.04 0.00	36.12 1.55 0.00
FIBERTEK___ENERGY 23856	39.15 -0.06 -0.02	28.98 -0.08 0.00	25.52 -0.10 0.00	25.03 -0.16 0.00	23.57 -0.15 0.00	31.04 -0.14 0.00	31.63 -0.05 0.00	39.86 -0.02 -1.67	46.11 0.08 -5.28	38.10 0.16 -0.56	49.40 0.35 -7.23	58.31 0.60 -12.51	60.67 0.89 -11.12	81.88 1.14 -2.29	84.76 1.11 -9.32	68.05 1.21 -6.63	58.15 1.14 -5.11	69.46 1.19 -6.67	61.66 1.48 -5.58	70.26 1.65 -7.09	79.82 1.89 -6.74	56.41 1.37 -2.42	41.86 0.96 0.00	35.25 0.68 0.00
FITZPATRICK____ 23598	38.05 -1.01 0.12	28.29 -0.76 0.00	24.94 -0.68 0.00	24.49 -0.70 0.00	23.04 -0.67 0.00	30.32 -0.86 0.00	30.85 -0.83 0.00	27.95 -0.99 9.27	10.43 -1.00 29.31	33.45 -0.85 3.09	0.88 -0.82 40.11	-24.98 -0.75 69.43	-13.71 -0.64 61.71	64.50 -1.23 12.71	21.43 -1.19 51.72	22.68 -0.71 36.82	22.96 -0.57 28.37	23.79 -0.80 37.01	51.32 -0.49 2.80	61.04 -0.49 0.00	70.60 -0.58 0.00	52.24 -0.38 0.00	40.54 -0.36 0.00	34.17 -0.41 0.00
FLOWRFLD_69_KV_BK1 356044	91.09 2.80 -49.10	90.21 2.08 -59.08	51.68 1.81 -24.25	29.20 1.73 -2.28	35.46 1.41 -10.34	33.12 1.94 0.00	33.57 1.89 0.00	46.12 2.31 -5.61	43.48 2.73 0.00	63.42 2.62 -23.42	82.69 3.17 -37.71	91.00 3.36 -42.44	243.21 3.78 -190.78	159.71 4.69 -76.57	144.51 4.93 -65.24	100.23 5.23 -34.79	184.16 4.24 -128.02	262.23 4.57 -196.07	307.09 4.27 -248.22	73.32 4.38 -7.41	74.95 3.76 0.00	56.21 3.34 -0.25	46.36 2.97 -2.49	40.59 3.04 -2.98
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	41.17 1.99 0.00	30.47 1.42 0.00	26.84 1.22 0.00	26.36 1.17 0.00	24.68 0.96 0.00	32.48 1.30 0.00	33.02 1.34 0.00	39.82 1.61 0.00	42.54 1.79 0.00	38.99 1.60 0.00	43.67 1.85 0.00	47.33 2.12 0.00	51.24 2.58 0.00	81.87 3.42 0.00	78.13 3.79 0.00	64.41 4.20 0.00	55.48 3.58 0.00	65.52 3.92 0.00	58.26 3.65 0.00	65.12 3.58 0.00	74.97 3.78 0.00	55.49 2.87 0.00	43.22 2.32 0.00	36.84 2.26 0.00
FORT ORANGE____ 23900	40.38 1.19 0.00	31.93 1.11 -1.77	27.05 1.03 -0.41	26.32 1.06 -0.07	26.25 0.90 -1.64	32.30 1.12 0.00	32.68 1.00 0.00	39.98 0.88 -0.89	41.31 0.56 0.00	40.47 0.34 -2.75	41.96 0.14 0.00	45.26 0.06 0.00	48.92 0.27 0.00	78.64 0.20 0.00	74.95 0.61 0.00	61.59 1.38 0.00	53.11 1.21 0.00	62.84 1.25 0.00	55.78 1.17 0.00	62.63 1.09 0.00	72.38 1.19 0.00	45.23 1.23 8.62	36.22 1.10 5.78	35.73 1.14 -0.01
FORT_DRUM_COGEN 23780	40.66 1.46 -0.02	29.61 0.56 0.00	26.16 0.53 0.00	25.50 0.31 0.00	23.96 0.25 0.00	31.74 0.56 0.00	32.92 1.23 0.00	41.30 1.76 -1.33	46.93 1.97 -4.21	39.68 1.85 -0.44	49.66 2.07 -5.76	57.67 2.48 -9.98	60.45 2.92 -8.87	84.86 4.59 -1.83	86.33 4.55 -7.44	68.97 3.47 -5.29	58.93 2.95 -4.08	70.53 3.61 -5.32	116.77 3.83 -58.33	147.74 5.23 -80.97	155.14 6.94 -77.02	84.98 4.66 -27.70	44.30 3.40 0.00	36.84 2.27 0.00
FOX_HILLS___ESR 323835	40.95 1.77 0.00	33.56 1.23 -3.28	29.17 1.01 -2.54	26.55 0.94 -0.42	25.63 0.72 -1.19	32.16 0.99 0.00	32.73 1.05 0.00	39.34 1.28 0.14	42.24 1.51 0.01	42.41 1.42 -3.60	43.28 1.47 0.00	46.79 1.59 0.00	50.12 1.87 0.40	76.57 1.97 3.85	73.68 2.35 3.01	62.25 3.06 1.02	54.06 2.16 0.00	63.65 2.05 0.00	56.68 2.07 0.00	63.44 1.90 0.00	64.74 1.66 8.10	49.64 1.41 4.39	42.76 1.70 -0.17	36.75 2.10 -0.08
FPL FAR_ROCK_GT1 24212	91.15 2.87 -49.10	90.20 2.06 -59.08	51.65 1.78 -24.26	29.17 1.70 -2.28	35.46 1.41 -10.34	33.10 1.92 0.00	33.56 1.88 0.00	45.97 2.15 -5.61	43.22 2.47 0.00	63.15 2.34 -23.42	82.00 2.47 -37.71	77.72 2.71 -29.81	85.36 3.13 -33.57	84.06 3.88 -1.74	83.65 4.32 -4.99	80.12 4.81 -15.10	84.64 4.07 -28.67	92.99 4.51 -26.88	96.12 4.18 -37.33	72.35 3.92 -6.90	74.79 3.61 0.00	55.87 3.00 -0.25	45.98 2.59 -2.49	40.59 3.04 -2.98



FPL FAR_ROCK_GT2 23815	91.15 2.87 -49.10	90.20 2.06 -59.08	51.65 1.78 -24.26	29.17 1.70 -2.28	35.46 1.41 -10.34	33.10 1.92 0.00	33.56 1.88 0.00	45.97 2.15 -5.61	43.22 2.47 0.00	63.15 2.34 -23.42	82.00 2.47 -37.71	77.72 2.71 -29.81	85.36 3.13 -33.57	84.06 3.88 -1.74	83.65 4.32 -4.99	80.12 4.81 -15.10	84.64 4.07 -28.67	92.99 4.51 -26.88	96.12 4.18 -37.33	72.35 3.92 -6.90	74.79 3.61 0.00	55.87 3.00 -0.25	45.98 2.59 -2.49	40.59 3.04 -2.98
FRANKLIN_FALL_HYD 24054	39.09 -0.10 0.00	28.82 -0.24 0.00	25.38 -0.24 0.00	24.96 -0.23 0.00	23.79 0.07 0.00	31.25 0.07 0.00	31.83 0.14 0.00	38.56 0.35 0.00	41.03 0.28 0.00	37.59 0.21 0.00	41.82 0.00 0.00	44.90 -0.31 0.00	48.02 -0.63 0.00	77.52 -0.92 0.00	73.38 -0.96 0.00	58.53 -1.67 0.00	50.04 -1.86 0.00	59.58 -2.02 0.00	13.95 -2.18 38.48	5.47 -2.27 53.79	17.32 -2.70 51.16	32.78 -1.43 18.40	39.82 -1.08 0.00	33.42 -1.15 0.00
FREEPORT_EQUS_GT1 23764	90.74 2.45 -49.10	89.92 1.78 -59.08	51.50 1.63 -24.26	29.03 1.56 -2.28	35.32 1.26 -10.34	32.91 1.74 0.00	33.36 1.68 0.00	45.76 1.94 -5.61	42.98 2.23 0.00	62.81 2.01 -23.42	81.69 2.17 -37.71	77.43 2.41 -29.81	85.04 2.82 -33.57	83.53 3.36 -1.74	83.13 3.80 -4.99	79.65 4.35 -15.10	84.21 3.64 -28.67	92.49 4.02 -26.88	95.67 3.73 -37.33	71.94 3.51 -6.90	74.27 3.09 0.00	55.69 2.82 -0.25	45.81 2.42 -2.49	40.18 2.63 -2.98
FREEPORT___CT2 23818	90.74 2.45 -49.10	89.92 1.78 -59.08	51.50 1.63 -24.26	29.03 1.56 -2.28	35.32 1.26 -10.34	32.91 1.74 0.00	33.36 1.68 0.00	45.76 1.94 -5.61	42.98 2.23 0.00	62.81 2.01 -23.42	81.69 2.17 -37.71	77.43 2.41 -29.81	85.04 2.82 -33.57	83.53 3.36 -1.74	83.13 3.80 -4.99	79.65 4.35 -15.10	84.21 3.64 -28.67	92.49 4.02 -26.88	95.67 3.73 -37.33	71.94 3.51 -6.90	74.27 3.09 0.00	55.69 2.82 -0.25	45.81 2.42 -2.49	40.18 2.63 -2.98
FRESHKLS_33_KV_LOAD 356253	40.86 1.68 0.00	33.48 1.15 -3.28	29.08 0.93 -2.54	26.45 0.84 -0.42	25.53 0.62 -1.19	32.04 0.86 0.00	32.61 0.92 0.00	39.20 1.13 0.14	42.09 1.35 0.01	42.28 1.29 -3.60	43.11 1.29 0.00	46.25 1.40 0.35	48.33 1.69 2.01	75.45 1.72 4.71	72.53 2.16 3.97	61.78 2.93 1.35	46.90 2.02 7.02	52.09 1.87 11.38	56.60 1.99 0.00	63.35 1.82 0.00	61.97 1.47 10.69	48.00 1.25 5.87	42.72 1.65 -0.17	36.70 2.05 -0.08
FULTON COGEN____ 23766	38.82 -0.40 -0.04	28.72 -0.34 0.00	25.29 -0.33 0.00	24.84 -0.36 0.00	23.37 -0.35 0.00	30.75 -0.43 0.00	31.31 -0.37 0.00	40.82 -0.41 -3.02	49.95 -0.35 -9.55	38.16 -0.24 -1.01	54.80 -0.09 -13.07	67.95 0.12 -22.63	69.08 0.32 -20.11	82.87 0.28 -4.14	91.49 0.29 -16.86	72.74 0.53 -12.00	61.66 0.52 -9.25	74.18 0.52 -12.06	63.09 0.44 -8.04	72.33 0.85 -9.96	81.63 0.97 -9.47	56.76 0.73 -3.41	41.35 0.45 0.00	34.82 0.24 0.00
FULTON___LFGE 323630	43.63 4.45 0.00	32.28 3.22 0.00	28.45 2.83 0.00	27.92 2.72 0.00	26.22 2.51 0.00	34.55 3.37 0.00	34.83 3.14 0.00	40.78 2.57 0.00	43.15 2.40 0.00	39.16 1.78 0.00	44.13 2.32 0.00	47.26 2.05 0.00	50.65 2.00 0.00	81.75 3.30 0.00	81.74 7.40 0.00	67.22 7.01 0.00	58.34 6.44 0.00	69.97 8.37 0.00	64.21 9.60 0.00	71.10 9.56 0.00	82.79 11.61 0.00	62.34 8.37 -1.35	47.58 5.78 -0.90	39.10 4.53 0.00
G.F.CEMENT___DRP 24184	42.20 3.02 0.00	32.88 2.12 -1.71	27.87 1.86 -0.39	27.08 1.83 -0.06	26.94 1.64 -1.58	33.55 2.37 0.00	34.05 2.37 0.00	41.88 2.81 -0.86	43.43 2.68 0.00	41.96 1.93 -2.65	44.34 2.52 0.00	47.88 2.68 0.00	51.70 3.05 0.00	84.32 5.87 0.00	80.59 6.26 0.00	66.18 5.97 0.00	56.69 4.79 0.00	67.25 5.66 0.00	60.14 5.52 0.00	67.75 6.22 0.00	77.96 6.77 0.00	60.47 5.10 -2.75	46.77 4.02 -1.84	37.89 3.31 -0.01
GARDENVILLE___LBMP 24039	39.38 0.20 0.00	29.07 0.01 0.00	25.57 -0.05 0.00	24.95 -0.24 0.00	23.40 -0.32 0.00	31.05 -0.13 0.00	31.76 0.08 0.00	38.41 0.20 0.00	41.94 1.19 0.00	38.90 1.51 0.00	44.50 2.68 0.00	48.37 3.16 0.00	52.23 3.58 0.00	83.21 4.77 0.00	78.25 3.91 0.00	64.06 3.85 0.00	55.67 3.77 0.00	65.24 3.64 0.00	58.91 4.30 0.00	67.17 5.64 0.00	78.27 7.09 0.00	58.23 5.60 -0.01	45.04 4.12 -0.02	37.66 3.09 0.00
GARDNVLA_35_KV_LD 355827	39.64 0.46 0.00	29.27 0.22 0.00	25.73 0.11 0.00	25.12 -0.08 0.00	23.54 -0.17 0.00	31.24 0.06 0.00	31.96 0.28 0.00	38.65 0.44 0.00	42.24 1.49 0.00	39.19 1.80 0.00	44.85 3.03 0.00	48.78 3.58 0.00	52.70 4.04 0.00	84.01 5.56 0.00	79.02 4.68 0.00	64.67 4.46 0.00	56.22 4.32 0.00	65.88 4.28 0.00	59.48 4.87 0.00	67.82 6.28 0.00	78.99 7.80 0.00	58.74 6.10 -0.01	45.40 4.48 -0.02	37.92 3.35 0.00
GELCKHM___115KV_LOAD 80723	38.97 -0.23 -0.01	28.84 -0.21 0.00	25.41 -0.21 0.00	24.94 -0.25 0.00	23.47 -0.25 0.00	30.90 -0.29 0.00	31.47 -0.21 0.00	39.08 -0.22 -1.09	44.06 -0.13 -3.43	37.73 -0.02 -0.36	46.69 0.17 -4.70	53.71 0.38 -8.13	56.52 0.65 -7.23	80.69 0.76 -1.49	81.13 0.74 -6.06	65.45 0.93 -4.31	56.09 0.87 -3.32	66.80 0.87 -4.33	61.67 1.21 -5.85	70.52 1.28 -7.72	79.98 1.46 -7.34	56.34 1.08 -2.64	41.64 0.73 0.00	35.06 0.49 0.00
GENERAL___MILLS 23808	39.53 0.34 0.00	29.18 0.13 0.00	25.66 0.04 0.00	25.05 -0.15 0.00	23.48 -0.23 0.00	31.16 -0.02 0.00	31.87 0.19 0.00	38.55 0.33 0.00	42.09 1.34 0.00	39.04 1.66 0.00	44.67 2.86 0.00	48.57 3.37 0.00	52.47 3.82 0.00	83.61 5.17 0.00	78.64 4.30 0.00	64.36 4.15 0.00	55.94 4.04 0.00	65.56 3.96 0.00	59.20 4.58 0.00	67.50 5.97 0.00	78.63 7.44 0.00	58.49 5.86 -0.01	45.23 4.30 -0.02	37.80 3.23 0.00
GE_PLASTICS___DRP 24183	39.89 0.71 0.00	31.63 0.83 -1.75	26.83 0.80 -0.40	26.09 0.83 -0.07	26.04 0.70 -1.63	32.05 0.87 0.00	32.46 0.78 0.00	39.85 0.76 -0.88	41.36 0.61 0.00	40.52 0.42 -2.72	42.06 0.25 0.00	45.24 0.03 0.00	48.78 0.12 0.00	78.33 -0.12 0.00	74.56 0.22 0.00	61.13 0.92 0.00	52.60 0.70 0.00	62.24 0.64 0.00	55.26 0.65 0.00	62.05 0.52 0.00	71.72 0.53 0.00	48.07 0.69 5.24	38.19 0.81 3.51	35.62 1.03 -0.01
GILBOA___1 23756	40.05 0.86 0.00	29.94 0.89 0.00	26.50 0.88 0.00	26.14 0.95 0.00	24.52 0.81 0.00	32.15 0.97 0.00	32.51 0.83 0.00	39.01 0.81 0.00	41.43 0.68 0.00	37.94 0.56 0.00	42.41 0.60 0.00	45.87 0.67 0.00	49.53 0.88 0.00	79.35 0.90 0.00	75.37 1.03 0.00	61.54 1.34 0.00	52.78 0.88 0.00	62.51 0.91 0.00	55.62 1.02 0.00	62.46 0.93 0.00	72.53 1.34 0.00	53.85 1.23 0.00	42.03 1.13 0.00	35.71 1.14 0.00
GILBOA___2 23757	40.05 0.86 0.00	29.94 0.89 0.00	26.50 0.88 0.00	26.14 0.95 0.00	24.52 0.81 0.00	32.15 0.97 0.00	32.51 0.83 0.00	39.01 0.81 0.00	41.43 0.68 0.00	37.94 0.56 0.00	42.41 0.60 0.00	45.87 0.67 0.00	49.53 0.88 0.00	79.35 0.90 0.00	75.37 1.03 0.00	61.54 1.34 0.00	52.78 0.88 0.00	62.51 0.91 0.00	55.62 1.02 0.00	62.46 0.93 0.00	72.53 1.34 0.00	53.85 1.23 0.00	42.03 1.13 0.00	35.71 1.14 0.00

GILBOA___3 23758	40.05 0.86 0.00	29.94 0.89 0.00	26.50 0.88 0.00	26.14 0.95 0.00	24.52 0.81 0.00	32.15 0.97 0.00	32.51 0.83 0.00	39.01 0.81 0.00	41.43 0.68 0.00	37.94 0.56 0.00	42.41 0.60 0.00	45.87 0.67 0.00	49.53 0.88 0.00	79.35 0.90 0.00	75.37 1.03 0.00	61.54 1.34 0.00	52.78 0.88 0.00	62.51 0.91 0.00	55.62 1.02 0.00	62.46 0.93 0.00	72.53 1.34 0.00	53.85 1.23 0.00	42.03 1.13 0.00	35.71 1.14 0.00
GILBOA___4 23759	40.05 0.86 0.00	29.94 0.89 0.00	26.50 0.88 0.00	26.14 0.95 0.00	24.52 0.81 0.00	32.15 0.97 0.00	32.51 0.83 0.00	39.01 0.81 0.00	41.43 0.68 0.00	37.94 0.56 0.00	42.41 0.60 0.00	45.87 0.67 0.00	49.53 0.88 0.00	79.35 0.90 0.00	75.37 1.03 0.00	61.54 1.34 0.00	52.78 0.88 0.00	62.51 0.91 0.00	55.62 1.02 0.00	62.46 0.93 0.00	72.53 1.34 0.00	53.85 1.23 0.00	42.03 1.13 0.00	35.71 1.14 0.00
GILBOA___ 23599	40.05 0.86 0.00	29.94 0.89 0.00	26.50 0.88 0.00	26.14 0.95 0.00	24.52 0.81 0.00	32.15 0.97 0.00	32.51 0.83 0.00	39.01 0.80 0.00	41.43 0.68 0.00	37.94 0.55 0.00	42.41 0.60 0.00	45.87 0.67 0.00	49.54 0.88 0.00	79.35 0.91 0.00	75.37 1.03 0.00	61.54 1.34 0.00	52.78 0.88 0.00	62.51 0.91 0.00	55.63 1.02 0.00	62.46 0.93 0.00	72.54 1.35 0.00	53.85 1.23 0.00	42.03 1.13 0.00	35.71 1.14 0.00
GINNA___ 23603	38.14 -1.05 0.00	28.19 -0.86 0.00	24.82 -0.80 0.00	24.29 -0.90 0.00	22.80 -0.92 0.00	30.11 -1.07 0.00	30.74 -0.94 0.00	37.15 -1.05 0.00	40.19 -0.56 0.00	37.21 -0.18 0.00	42.21 0.39 0.00	45.86 0.66 0.00	49.65 1.00 0.00	79.51 1.06 0.00	74.98 0.64 0.00	61.26 1.05 0.00	53.16 1.26 0.00	62.69 1.09 0.00	56.20 1.59 0.00	63.75 2.22 0.00	73.85 2.67 0.00	54.72 2.10 0.00	42.28 1.38 0.00	35.37 0.80 0.00
GLEN PARK___ 23778	40.95 1.75 -0.02	29.83 0.78 0.00	26.34 0.72 0.00	25.67 0.48 0.00	24.14 0.42 0.00	31.97 0.79 0.00	33.14 1.46 0.00	41.65 2.03 -1.40	47.42 2.24 -4.43	39.99 2.14 -0.47	50.26 2.38 -6.07	58.58 2.88 -10.50	61.36 3.37 -9.33	85.56 5.19 -1.92	87.25 5.09 -7.82	69.70 3.93 -5.57	59.55 3.36 -4.29	71.36 4.17 -5.60	114.31 4.34 -55.36	144.20 5.87 -76.80	152.03 7.80 -73.05	84.18 5.28 -26.27	44.76 3.86 0.00	37.18 2.61 0.00
GLENDALE_27_KV_LOAD 356172	41.25 2.07 0.00	41.57 1.47 -11.05	29.41 1.25 -2.54	26.81 1.20 -0.42	34.92 0.96 -10.25	32.49 1.32 0.00	33.09 1.40 0.00	45.48 1.71 -5.56	42.73 1.97 0.00	56.28 1.76 -17.13	43.66 1.85 0.00	47.19 1.98 0.00	50.94 2.29 0.00	81.21 2.77 0.00	77.42 3.08 0.00	63.84 3.64 0.00	54.76 2.85 0.00	64.53 2.93 0.00	57.33 2.72 0.00	63.98 2.45 0.00	73.66 2.48 0.00	54.90 2.03 -0.25	43.00 1.94 -0.17	36.95 2.30 -0.08
GLENWOOD_IC_1_G5 23712	90.87 2.58 -49.10	89.99 1.86 -59.08	51.48 1.61 -24.25	29.00 1.53 -2.28	35.31 1.26 -10.34	32.89 1.71 0.00	33.36 1.68 0.00	45.78 1.96 -5.61	42.70 1.95 0.00	62.63 1.83 -23.42	81.70 2.18 -37.71	77.44 2.43 -29.81	85.13 2.91 -33.57	83.79 3.61 -1.74	83.38 4.05 -4.99	79.85 4.55 -15.10	84.34 3.77 -28.67	92.56 4.08 -26.88	95.69 3.75 -37.33	71.89 3.46 -6.90	74.23 3.04 0.00	55.42 2.55 -0.25	45.58 2.20 -2.49	39.95 2.40 -2.98
GLENWOOD_IC_2_G1 23688	90.73 2.45 -49.10	89.90 1.77 -59.08	51.41 1.53 -24.26	28.94 1.47 -2.28	35.25 1.20 -10.34	32.80 1.63 0.00	33.27 1.59 0.00	45.68 1.86 -5.61	42.81 2.06 0.00	62.73 1.93 -23.42	81.78 2.26 -37.71	77.50 2.48 -29.81	85.16 2.94 -33.57	83.81 3.63 -1.74	83.39 4.06 -4.99	79.85 4.55 -15.10	84.34 3.77 -28.67	92.59 4.11 -26.88	95.72 2.72 -37.33	71.99 3.46 -6.90	74.37 3.18 0.00	55.55 2.68 -0.25	45.70 2.31 -2.49	40.07 2.52 -2.98
GLENWOOD_IC_3_G1 23689	90.73 2.45 -49.10	89.90 1.77 -59.08	51.41 1.53 -24.26	28.94 1.47 -2.28	35.25 1.20 -10.34	32.80 1.63 0.00	33.27 1.59 0.00	45.68 1.86 -5.61	42.81 2.06 0.00	62.73 1.93 -23.42	81.78 2.26 -37.71	77.50 2.48 -29.81	85.16 2.94 -33.57	83.81 3.63 -1.74	83.39 4.06 -4.99	79.85 4.55 -15.10	84.34 3.77 -28.67	92.59 4.11 -26.88	95.72 2.72 -37.33	71.99 3.46 -6.90	74.37 3.18 0.00	55.55 2.68 -0.25	45.70 2.31 -2.49	40.07 2.52 -2.98
GLENWOOD___4 23550	90.87 2.58 -49.10	89.99 1.86 -59.08	51.48 1.61 -24.25	29.00 1.53 -2.28	35.31 1.26 -10.34	32.89 1.71 0.00	33.36 1.68 0.00	45.79 1.97 -5.61	42.81 2.06 0.00	62.74 1.94 -23.42	81.82 2.30 -37.71	77.56 2.55 -29.81	85.26 3.03 -33.57	84.02 3.84 -1.74	83.58 4.25 -4.99	80.02 4.72 -15.10	84.49 3.92 -28.67	92.73 4.25 -26.88	95.85 3.91 -37.33	72.07 3.64 -6.90	74.44 3.26 0.00	55.57 2.70 -0.25	45.70 2.32 -2.49	40.05 2.50 -2.98
GLENWOOD___5 23614	90.87 2.58 -49.10	89.99 1.86 -59.08	51.48 1.61 -24.25	29.00 1.53 -2.28	35.31 1.26 -10.34	32.89 1.71 0.00	33.36 1.68 0.00	45.79 1.97 -5.61	42.81 2.06 0.00	62.74 1.94 -23.42	81.82 2.30 -37.71	77.56 2.55 -29.81	85.26 3.03 -33.57	84.02 3.84 -1.74	83.58 4.25 -4.99	80.02 4.72 -15.10	84.49 3.92 -28.67	92.73 4.25 -26.88	95.85 3.91 -37.33	72.07 3.64 -6.90	74.44 3.26 0.00	55.57 2.70 -0.25	45.70 2.32 -2.49	40.05 2.50 -2.98
GLOBAL GREEN_PORT_GT1 23814	92.40 4.11 -49.10	91.17 3.03 -59.08	52.47 2.60 -24.26	29.96 2.49 -2.28	36.18 2.12 -10.34	34.08 2.90 0.00	34.62 2.94 0.00	47.52 3.70 -5.61	45.09 4.34 0.00	65.05 4.24 -23.42	84.73 5.20 -37.71	90.11 5.66 -39.26	206.15 6.33 -151.17	145.06 8.90 -57.72	133.32 9.21 -49.77	98.88 8.85 -29.83	161.39 6.50 -102.99	221.53 6.49 -153.44	256.67 6.97 -195.08	77.09 8.28 -7.28	79.19 8.01 0.00	59.03 6.16 -0.25	48.29 4.90 -2.49	42.04 4.48 -2.98
GLOBE___DSASP 323697	38.32 -0.87 0.00	28.43 -0.62 0.00	25.08 -0.54 0.00	24.49 -0.70 0.00	22.81 -0.90 0.00	30.20 -0.98 0.00	30.83 -0.85 0.00	37.07 -1.14 0.00	40.52 -0.24 0.00	37.53 0.14 0.00	42.90 1.08 0.00	46.54 1.34 0.00	50.30 1.64 0.00	80.14 1.69 0.00	75.06 0.72 0.00	61.35 1.15 0.00	53.39 1.49 0.00	62.51 0.91 0.00	56.52 1.91 0.00	64.64 3.11 0.00	75.16 3.97 0.00	56.13 3.50 -0.01	43.57 2.65 -0.02	36.49 1.92 0.00
GOETHSLN___LBMP 323567	40.80 1.62 0.00	33.44 1.11 -3.27	29.12 0.97 -2.54	26.54 0.93 -0.42	25.61 0.70 -1.19	32.14 0.96 0.00	32.69 1.01 0.00	39.29 1.22 0.14	42.13 1.39 0.01	42.22 1.23 -3.61	43.12 1.31 0.00	46.39 1.36 0.17	50.26 1.60 0.00	75.42 1.68 4.70	72.46 2.09 3.96	61.70 2.85 1.35	47.15 2.27 7.02	52.52 2.29 11.38	56.80 2.19 0.00	63.33 1.80 0.00	62.22 1.72 10.69	48.13 1.38 5.87	42.47 1.40 -0.17	36.45 1.81 -0.08
GOLAH___69_KV_TB 1_2 80279	40.19 1.01 0.00	29.64 0.58 0.00	26.08 0.46 0.00	25.50 0.31 0.00	23.87 0.16 0.00	31.60 0.42 0.00	32.29 0.61 0.00	39.03 0.82 0.00	42.20 1.45 0.00	39.16 1.77 0.00	44.68 2.87 0.00	48.33 3.13 0.00	52.43 3.78 0.00	83.96 5.51 0.00	78.70 4.36 0.00	64.36 4.15 0.00	55.98 4.08 0.00	66.15 4.55 0.00	59.45 4.84 0.00	67.77 6.24 0.00	79.03 7.84 0.00	58.79 6.08 -0.08	45.77 4.73 -0.14	38.13 3.55 -0.01

GOODYEAR_LAKE_HYD 323669	40.73 1.55 0.00	30.16 1.11 0.00	26.61 0.99 0.00	26.15 0.96 0.00	24.59 0.88 0.00	32.38 1.19 0.00	32.96 1.27 0.00	39.82 1.62 0.00	42.62 1.86 0.00	39.24 1.85 0.00	44.15 2.33 0.00	47.80 2.60 0.00	51.61 2.96 0.00	82.72 4.27 0.00	78.43 4.09 0.00	63.73 3.53 0.00	54.96 3.06 0.00	65.16 3.57 0.00	58.05 3.44 0.00	65.40 3.87 0.00	75.41 4.23 0.00	56.26 3.30 -0.34	43.60 2.47 -0.23	36.55 1.98 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	39.57 0.38 -0.01	29.29 0.24 0.00	25.80 0.18 0.00	25.32 0.13 0.00	23.88 0.17 0.00	31.46 0.28 0.00	32.03 0.35 0.00	39.38 0.56 -0.62	43.48 0.77 -1.96	38.42 0.83 -0.21	45.67 1.19 -2.68	51.33 1.50 -4.63	54.56 1.79 -4.11	81.51 2.22 -0.85	79.98 2.20 -3.45	65.02 2.36 -2.45	55.88 2.09 -1.89	66.25 2.18 -2.47	57.16 2.36 -0.19	64.25 2.71 0.00	74.59 3.40 0.00	55.10 2.48 0.00	42.76 1.86 0.00	36.02 1.45 0.00
GOUDEY___7 23579	39.62 0.43 -0.01	29.32 0.27 0.00	25.82 0.20 0.00	25.35 0.15 0.00	23.91 0.19 0.00	31.50 0.32 0.00	32.07 0.39 0.00	39.44 0.61 -0.62	43.52 0.82 -1.96	38.49 0.90 -0.21	45.74 1.25 -2.68	51.40 1.57 -4.63	54.65 1.88 -4.11	81.64 2.35 -0.85	80.13 2.34 -3.45	65.13 2.46 -2.45	55.97 2.18 -1.89	66.37 2.30 -2.47	57.26 2.46 -0.19	64.35 2.82 0.00	74.71 3.53 0.00	55.18 2.56 0.00	42.83 1.93 0.00	36.06 1.49 0.00
GOUDEY___8 23580	39.57 0.38 -0.01	29.29 0.24 0.00	25.80 0.18 0.00	25.32 0.13 0.00	23.88 0.17 0.00	31.46 0.28 0.00	32.03 0.35 0.00	39.38 0.56 -0.62	43.48 0.77 -1.96	38.42 0.83 -0.21	45.67 1.19 -2.68	51.33 1.50 -4.63	54.56 1.79 -4.11	81.51 2.22 -0.85	79.98 2.20 -3.45	65.02 2.36 -2.45	55.88 2.09 -1.89	66.25 2.18 -2.47	57.16 2.36 -0.19	64.25 2.71 0.00	74.59 3.40 0.00	55.10 2.48 0.00	42.76 1.86 0.00	36.02 1.45 0.00
GOWANUS_GT1_1 24077	41.09 1.91 0.00	41.45 1.35 -11.05	29.29 1.13 -2.54	26.68 1.07 -0.42	34.81 0.84 -10.25	32.34 1.15 0.00	32.91 1.23 0.00	45.26 1.49 -5.56	42.48 1.73 0.00	56.13 1.61 -17.13	43.51 1.70 0.00	47.03 1.83 0.00	50.79 2.13 0.00	80.86 2.42 0.00	77.08 2.75 0.00	63.52 3.32 0.00	54.34 2.43 0.00	63.99 2.39 0.00	56.91 2.31 0.00	63.69 2.16 0.00	73.23 2.04 0.00	54.59 1.72 -0.25	42.91 1.85 -0.17	36.86 2.22 -0.08
GOWANUS_GT1_2 24078	41.09 1.91 0.00	41.45 1.35 -11.05	29.29 1.13 -2.54	26.68 1.07 -0.42	34.81 0.84 -10.25	32.34 1.15 0.00	32.91 1.23 0.00	45.26 1.49 -5.56	42.48 1.73 0.00	56.13 1.61 -17.13	43.51 1.70 0.00	47.03 1.83 0.00	50.79 2.13 0.00	80.86 2.42 0.00	77.08 2.75 0.00	63.52 3.32 0.00	54.34 2.43 0.00	63.99 2.39 0.00	56.91 2.31 0.00	63.69 2.16 0.00	73.23 2.04 0.00	54.59 1.72 -0.25	42.91 1.85 -0.17	36.86 2.22 -0.08
GOWANUS_GT1_3 24079	41.09 1.91 0.00	41.45 1.35 -11.05	29.29 1.13 -2.54	26.68 1.07 -0.42	34.81 0.84 -10.25	32.34 1.15 0.00	32.91 1.23 0.00	45.26 1.49 -5.56	42.48 1.73 0.00	56.13 1.61 -17.13	43.51 1.70 0.00	47.03 1.83 0.00	50.79 2.13 0.00	80.86 2.42 0.00	77.08 2.75 0.00	63.52 3.32 0.00	54.34 2.43 0.00	63.99 2.39 0.00	56.91 2.31 0.00	63.69 2.16 0.00	73.23 2.04 0.00	54.59 1.72 -0.25	42.91 1.85 -0.17	36.86 2.22 -0.08
GOWANUS_GT1_4 24080	41.09 1.91 0.00	41.45 1.35 -11.05	29.29 1.13 -2.54	26.68 1.07 -0.42	34.81 0.84 -10.25	32.34 1.15 0.00	32.91 1.23 0.00	45.26 1.49 -5.56	42.48 1.73 0.00	56.13 1.61 -17.13	43.51 1.70 0.00	47.03 1.83 0.00	50.79 2.13 0.00	80.86 2.42 0.00	77.08 2.75 0.00	63.52 3.32 0.00	54.34 2.43 0.00	63.99 2.39 0.00	56.91 2.31 0.00	63.69 2.16 0.00	73.23 2.04 0.00	54.59 1.72 -0.25	42.91 1.85 -0.17	36.86 2.22 -0.08
GOWANUS_GT1_5 24084	41.09 1.91 0.00	41.45 1.35 -11.05	29.29 1.13 -2.54	26.68 1.07 -0.42	34.81 0.84 -10.25	32.34 1.15 0.00	32.91 1.23 0.00	45.26 1.49 -5.56	42.48 1.73 0.00	56.13 1.61 -17.13	43.51 1.70 0.00	47.03 1.83 0.00	50.79 2.13 0.00	80.86 2.42 0.00	77.08 2.75 0.00	63.52 3.32 0.00	54.34 2.43 0.00	63.99 2.39 0.00	56.91 2.31 0.00	63.69 2.16 0.00	73.23 2.04 0.00	54.59 1.72 -0.25	42.91 1.85 -0.17	36.86 2.22 -0.08
GOWANUS_GT1_6 24111	41.09 1.91 0.00	41.45 1.35 -11.05	29.29 1.13 -2.54	26.68 1.07 -0.42	34.81 0.84 -10.25	32.34 1.15 0.00	32.91 1.23 0.00	45.26 1.49 -5.56	42.48 1.73 0.00	56.13 1.61 -17.13	43.51 1.70 0.00	47.03 1.83 0.00	50.79 2.13 0.00	80.86 2.42 0.00	77.08 2.75 0.00	63.52 3.32 0.00	54.34 2.43 0.00	63.99 2.39 0.00	56.91 2.31 0.00	63.69 2.16 0.00	73.23 2.04 0.00	54.59 1.72 -0.25	42.91 1.85 -0.17	36.86 2.22 -0.08
GOWANUS_GT1_7 24112	41.09 1.91 0.00	41.45 1.35 -11.05	29.29 1.13 -2.54	26.68 1.07 -0.42	34.81 0.84 -10.25	32.34 1.15 0.00	32.91 1.23 0.00	45.26 1.49 -5.56	42.48 1.73 0.00	56.13 1.61 -17.13	43.51 1.70 0.00	47.03 1.83 0.00	50.79 2.13 0.00	80.86 2.42 0.00	77.08 2.75 0.00	63.52 3.32 0.00	54.34 2.43 0.00	63.99 2.39 0.00	56.91 2.31 0.00	63.69 2.16 0.00	73.23 2.04 0.00	54.59 1.72 -0.25	42.91 1.85 -0.17	36.86 2.22 -0.08
GOWANUS_GT1_8 24113	41.09 1.91 0.00	41.45 1.35 -11.05	29.29 1.13 -2.54	26.68 1.07 -0.42	34.81 0.84 -10.25	32.34 1.15 0.00	32.91 1.23 0.00	45.26 1.49 -5.56	42.48 1.73 0.00	56.13 1.61 -17.13	43.51 1.70 0.00	47.03 1.83 0.00	50.79 2.13 0.00	80.86 2.42 0.00	77.08 2.75 0.00	63.52 3.32 0.00	54.34 2.43 0.00	63.99 2.39 0.00	56.91 2.31 0.00	63.69 2.16 0.00	73.23 2.04 0.00	54.59 1.72 -0.25	42.91 1.85 -0.17	36.86 2.22 -0.08
GOWANUS_GT2_1 24114	41.09 1.90 0.00	41.45 1.35 -11.05	29.29 1.13 -2.54	26.68 1.07 -0.42	34.80 0.84 -10.25	32.34 1.16 0.00	32.91 1.23 0.00	45.26 1.49 -5.56	42.48 1.73 0.00	56.13 1.61 -17.13	43.51 1.69 0.00	47.03 1.83 0.00	50.79 2.13 0.00	80.86 2.42 0.00	77.08 2.74 0.00	63.52 3.32 0.00	54.34 2.43 0.00	63.99 2.39 0.00	56.92 2.31 0.00	63.69 2.15 0.00	73.24 2.05 0.00	54.59 1.72 -0.25	42.90 1.84 -0.17	36.87 2.22 -0.08
GOWANUS_GT2_2 24115	41.09 1.90 0.00	41.45 1.35 -11.05	29.29 1.13 -2.54	26.68 1.07 -0.42	34.80 0.84 -10.25	32.34 1.16 0.00	32.91 1.23 0.00	45.26 1.49 -5.56	42.48 1.73 0.00	56.13 1.61 -17.13	43.51 1.69 0.00	47.03 1.83 0.00	50.79 2.13 0.00	80.86 2.42 0.00	77.08 2.74 0.00	63.52 3.32 0.00	54.34 2.43 0.00	63.99 2.39 0.00	56.92 2.31 0.00	63.69 2.15 0.00	73.24 2.05 0.00	54.59 1.72 -0.25	42.90 1.84 -0.17	36.87 2.22 -0.08
GOWANUS_GT2_3 24116	41.09 1.90 0.00	41.45 1.35 -11.05	29.29 1.13 -2.54	26.68 1.07 -0.42	34.80 0.84 -10.25	32.34 1.16 0.00	32.91 1.23 0.00	45.26 1.49 -5.56	42.48 1.73 0.00	56.13 1.61 -17.13	43.51 1.69 0.00	47.03 1.83 0.00	50.79 2.13 0.00	80.86 2.42 0.00	77.08 2.74 0.00	63.52 3.32 0.00	54.34 2.43 0.00	63.99 2.39 0.00	56.92 2.31 0.00	63.69 2.15 0.00	73.24 2.05 0.00	54.59 1.72 -0.25	42.90 1.84 -0.17	36.87 2.22 -0.08

GOWANUS_GT2_4 24117	41.09 1.90 0.00	41.45 1.35 -11.05	29.29 1.13 -2.54	26.68 1.07 -0.42	34.80 0.84 -10.25	32.34 1.16 0.00	32.91 1.23 0.00	45.26 1.49 -5.56	42.48 1.73 0.00	56.13 1.61 -17.13	43.51 1.69 0.00	47.03 1.83 0.00	50.79 2.13 0.00	80.86 2.42 0.00	77.08 2.74 0.00	63.52 3.32 0.00	54.34 2.43 0.00	63.99 2.39 0.00	56.92 2.31 0.00	63.69 2.15 0.00	73.24 2.05 0.00	54.59 1.72 -0.25	42.90 1.84 -0.17	36.87 2.22 -0.08
GOWANUS_GT2_5 24118	41.09 1.90 0.00	41.45 1.35 -11.05	29.29 1.13 -2.54	26.68 1.07 -0.42	34.80 0.84 -10.25	32.34 1.16 0.00	32.91 1.23 0.00	45.26 1.49 -5.56	42.48 1.73 0.00	56.13 1.61 -17.13	43.51 1.69 0.00	47.03 1.83 0.00	50.79 2.13 0.00	80.86 2.42 0.00	77.08 2.74 0.00	63.52 3.32 0.00	54.34 2.43 0.00	63.99 2.39 0.00	56.92 2.31 0.00	63.69 2.15 0.00	73.24 2.05 0.00	54.59 1.72 -0.25	42.90 1.84 -0.17	36.87 2.22 -0.08
GOWANUS_GT2_6 24119	41.09 1.90 0.00	41.45 1.35 -11.05	29.29 1.13 -2.54	26.68 1.07 -0.42	34.80 0.84 -10.25	32.34 1.16 0.00	32.91 1.23 0.00	45.26 1.49 -5.56	42.48 1.73 0.00	56.13 1.61 -17.13	43.51 1.69 0.00	47.03 1.83 0.00	50.79 2.13 0.00	80.86 2.42 0.00	77.08 2.74 0.00	63.52 3.32 0.00	54.34 2.43 0.00	63.99 2.39 0.00	56.92 2.31 0.00	63.69 2.15 0.00	73.24 2.05 0.00	54.59 1.72 -0.25	42.90 1.84 -0.17	36.87 2.22 -0.08
GOWANUS_GT2_7 24120	41.09 1.90 0.00	41.45 1.35 -11.05	29.29 1.13 -2.54	26.68 1.07 -0.42	34.80 0.84 -10.25	32.34 1.16 0.00	32.91 1.23 0.00	45.26 1.49 -5.56	42.48 1.73 0.00	56.13 1.61 -17.13	43.51 1.69 0.00	47.03 1.83 0.00	50.79 2.13 0.00	80.86 2.42 0.00	77.08 2.74 0.00	63.52 3.32 0.00	54.34 2.43 0.00	63.99 2.39 0.00	56.92 2.31 0.00	63.69 2.15 0.00	73.24 2.05 0.00	54.59 1.72 -0.25	42.90 1.84 -0.17	36.87 2.22 -0.08
GOWANUS_GT2_8 24121	41.09 1.90 0.00	41.45 1.35 -11.05	29.29 1.13 -2.54	26.68 1.07 -0.42	34.80 0.84 -10.25	32.34 1.16 0.00	32.91 1.23 0.00	45.26 1.49 -5.56	42.48 1.73 0.00	56.13 1.61 -17.13	43.51 1.69 0.00	47.03 1.83 0.00	50.79 2.13 0.00	80.86 2.42 0.00	77.08 2.74 0.00	63.52 3.32 0.00	54.34 2.43 0.00	63.99 2.39 0.00	56.92 2.31 0.00	63.69 2.15 0.00	73.24 2.05 0.00	54.59 1.72 -0.25	42.90 1.84 -0.17	36.87 2.22 -0.08
GOWANUS_GT3_1 24122	41.09 1.90 0.00	41.45 1.35 -11.05	29.29 1.13 -2.54	26.68 1.07 -0.42	34.80 0.84 -10.25	32.34 1.16 0.00	32.91 1.23 0.00	45.26 1.49 -5.56	42.48 1.73 0.00	56.13 1.61 -17.13	43.51 1.69 0.00	47.03 1.83 0.00	50.79 2.13 0.00	80.86 2.42 0.00	77.08 2.74 0.00	63.52 3.32 0.00	54.34 2.43 0.00	63.99 2.39 0.00	56.92 2.31 0.00	63.69 2.15 0.00	73.24 2.05 0.00	54.59 1.72 -0.25	42.90 1.84 -0.17	36.87 2.22 -0.08
GOWANUS_GT3_2 24123	41.09 1.90 0.00	41.45 1.35 -11.05	29.29 1.13 -2.54	26.68 1.07 -0.42	34.80 0.84 -10.25	32.34 1.16 0.00	32.91 1.23 0.00	45.26 1.49 -5.56	42.48 1.73 0.00	56.13 1.61 -17.13	43.51 1.69 0.00	47.03 1.83 0.00	50.79 2.13 0.00	80.86 2.42 0.00	77.08 2.74 0.00	63.52 3.32 0.00	54.34 2.43 0.00	63.99 2.39 0.00	56.92 2.31 0.00	63.69 2.15 0.00	73.24 2.05 0.00	54.59 1.72 -0.25	42.90 1.84 -0.17	36.87 2.22 -0.08
GOWANUS_GT3_3 24124	41.09 1.90 0.00	41.45 1.35 -11.05	29.29 1.13 -2.54	26.68 1.07 -0.42	34.80 0.84 -10.25	32.34 1.16 0.00	32.91 1.23 0.00	45.26 1.49 -5.56	42.48 1.73 0.00	56.13 1.61 -17.13	43.51 1.69 0.00	47.03 1.83 0.00	50.79 2.13 0.00	80.86 2.42 0.00	77.08 2.74 0.00	63.52 3.32 0.00	54.34 2.43 0.00	63.99 2.39 0.00	56.92 2.31 0.00	63.69 2.15 0.00	73.24 2.05 0.00	54.59 1.72 -0.25	42.90 1.84 -0.17	36.87 2.22 -0.08
GOWANUS_GT3_4 24125	41.09 1.90 0.00	41.45 1.35 -11.05	29.29 1.13 -2.54	26.68 1.07 -0.42	34.80 0.84 -10.25	32.34 1.16 0.00	32.91 1.23 0.00	45.26 1.49 -5.56	42.48 1.73 0.00	56.13 1.61 -17.13	43.51 1.69 0.00	47.03 1.83 0.00	50.79 2.13 0.00	80.86 2.42 0.00	77.08 2.74 0.00	63.52 3.32 0.00	54.34 2.43 0.00	63.99 2.39 0.00	56.92 2.31 0.00	63.69 2.15 0.00	73.24 2.05 0.00	54.59 1.72 -0.25	42.90 1.84 -0.17	36.87 2.22 -0.08
GOWANUS_GT3_5 24126	41.09 1.90 0.00	41.45 1.35 -11.05	29.29 1.13 -2.54	26.68 1.07 -0.42	34.80 0.84 -10.25	32.34 1.16 0.00	32.91 1.23 0.00	45.26 1.49 -5.56	42.48 1.73 0.00	56.13 1.61 -17.13	43.51 1.69 0.00	47.03 1.83 0.00	50.79 2.13 0.00	80.86 2.42 0.00	77.08 2.74 0.00	63.52 3.32 0.00	54.34 2.43 0.00	63.99 2.39 0.00	56.92 2.31 0.00	63.69 2.15 0.00	73.24 2.05 0.00	54.59 1.72 -0.25	42.90 1.84 -0.17	36.87 2.22 -0.08
GOWANUS_GT3_6 24127	41.09 1.90 0.00	41.45 1.35 -11.05	29.29 1.13 -2.54	26.68 1.07 -0.42	34.80 0.84 -10.25	32.34 1.16 0.00	32.91 1.23 0.00	45.26 1.49 -5.56	42.48 1.73 0.00	56.13 1.61 -17.13	43.51 1.69 0.00	47.03 1.83 0.00	50.79 2.13 0.00	80.86 2.42 0.00	77.08 2.74 0.00	63.52 3.32 0.00	54.34 2.43 0.00	63.99 2.39 0.00	56.92 2.31 0.00	63.69 2.15 0.00	73.24 2.05 0.00	54.59 1.72 -0.25	42.90 1.84 -0.17	36.87 2.22 -0.08
GOWANUS_GT3_7 24128	41.09 1.90 0.00	41.45 1.35 -11.05	29.29 1.13 -2.54	26.68 1.07 -0.42	34.80 0.84 -10.25	32.34 1.16 0.00	32.91 1.23 0.00	45.26 1.49 -5.56	42.48 1.73 0.00	56.13 1.61 -17.13	43.51 1.69 0.00	47.03 1.83 0.00	50.79 2.13 0.00	80.86 2.42 0.00	77.08 2.74 0.00	63.52 3.32 0.00	54.34 2.43 0.00	63.99 2.39 0.00	56.92 2.31 0.00	63.69 2.15 0.00	73.24 2.05 0.00	54.59 1.72 -0.25	42.90 1.84 -0.17	36.87 2.22 -0.08
GOWANUS_GT3_8 24129	41.09 1.90 0.00	41.45 1.35 -11.05	29.29 1.13 -2.54	26.68 1.07 -0.42	34.80 0.84 -10.25	32.34 1.16 0.00	32.91 1.23 0.00	45.26 1.49 -5.56	42.48 1.73 0.00	56.13 1.61 -17.13	43.51 1.69 0.00	47.03 1.83 0.00	50.79 2.13 0.00	80.86 2.42 0.00	77.08 2.74 0.00	63.52 3.32 0.00	54.34 2.43 0.00	63.99 2.39 0.00	56.92 2.31 0.00	63.69 2.15 0.00	73.24 2.05 0.00	54.59 1.72 -0.25	42.90 1.84 -0.17	36.87 2.22 -0.08
GOWANUS_GT4_1 24130	41.09 1.91 0.00	41.45 1.35 -11.05	29.29 1.13 -2.54	26.68 1.07 -0.42	34.81 0.84 -10.25	32.34 1.15 0.00	32.91 1.23 0.00	45.26 1.49 -5.56	42.48 1.73 0.00	56.13 1.61 -17.13	43.51 1.70 0.00	47.03 1.83 0.00	50.79 2.13 0.00	80.86 2.42 0.00	77.08 2.75 0.00	63.52 3.32 0.00	54.34 2.43 0.00	63.99 2.39 0.00	56.91 2.31 0.00	63.69 2.16 0.00	73.23 2.04 0.00	54.59 1.72 -0.25	42.91 1.85 -0.17	36.86 2.22 -0.08
GOWANUS_GT4_2 24131	41.09 1.91 0.00	41.45 1.35 -11.05	29.29 1.13 -2.54	26.68 1.07 -0.42	34.81 0.84 -10.25	32.34 1.15 0.00	32.91 1.23 0.00	45.26 1.49 -5.56	42.48 1.73 0.00	56.13 1.61 -17.13	43.51 1.70 0.00	47.03 1.83 0.00	50.79 2.13 0.00	80.86 2.42 0.00	77.08 2.75 0.00	63.52 3.32 0.00	54.34 2.43 0.00	63.99 2.39 0.00	56.91 2.31 0.00	63.69 2.16 0.00	73.23 2.04 0.00	54.59 1.72 -0.25	42.91 1.85 -0.17	36.86 2.22 -0.08

GOWANUS_GT4_3 24132	41.09 1.91 0.00	41.45 1.35 -11.05	29.29 1.13 -2.54	26.68 1.07 -0.42	34.81 0.84 -10.25	32.34 1.15 0.00	32.91 1.23 0.00	45.26 1.49 -5.56	42.48 1.73 0.00	56.13 1.61 -17.13	43.51 1.70 0.00	47.03 1.83 0.00	50.79 2.13 0.00	80.86 2.42 0.00	77.08 2.75 0.00	63.52 3.32 0.00	54.34 2.43 0.00	63.99 2.39 0.00	56.91 2.31 0.00	63.69 2.16 0.00	73.23 2.04 0.00	54.59 1.72 -0.25	42.91 1.85 -0.17	36.86 2.22 -0.08
GOWANUS_GT4_4 24133	41.09 1.91 0.00	41.45 1.35 -11.05	29.29 1.13 -2.54	26.68 1.07 -0.42	34.81 0.84 -10.25	32.34 1.15 0.00	32.91 1.23 0.00	45.26 1.49 -5.56	42.48 1.73 0.00	56.13 1.61 -17.13	43.51 1.70 0.00	47.03 1.83 0.00	50.79 2.13 0.00	80.86 2.42 0.00	77.08 2.75 0.00	63.52 3.32 0.00	54.34 2.43 0.00	63.99 2.39 0.00	56.91 2.31 0.00	63.69 2.16 0.00	73.23 2.04 0.00	54.59 1.72 -0.25	42.91 1.85 -0.17	36.86 2.22 -0.08
GOWANUS_GT4_5 24134	41.09 1.91 0.00	41.45 1.35 -11.05	29.29 1.13 -2.54	26.68 1.07 -0.42	34.81 0.84 -10.25	32.34 1.15 0.00	32.91 1.23 0.00	45.26 1.49 -5.56	42.48 1.73 0.00	56.13 1.61 -17.13	43.51 1.70 0.00	47.03 1.83 0.00	50.79 2.13 0.00	80.86 2.42 0.00	77.08 2.75 0.00	63.52 3.32 0.00	54.34 2.43 0.00	63.99 2.39 0.00	56.91 2.31 0.00	63.69 2.16 0.00	73.23 2.04 0.00	54.59 1.72 -0.25	42.91 1.85 -0.17	36.86 2.22 -0.08
GOWANUS_GT4_6 24135	41.09 1.91 0.00	41.45 1.35 -11.05	29.29 1.13 -2.54	26.68 1.07 -0.42	34.81 0.84 -10.25	32.34 1.15 0.00	32.91 1.23 0.00	45.26 1.49 -5.56	42.48 1.73 0.00	56.13 1.61 -17.13	43.51 1.70 0.00	47.03 1.83 0.00	50.79 2.13 0.00	80.86 2.42 0.00	77.08 2.75 0.00	63.52 3.32 0.00	54.34 2.43 0.00	63.99 2.39 0.00	56.91 2.31 0.00	63.69 2.16 0.00	73.23 2.04 0.00	54.59 1.72 -0.25	42.91 1.85 -0.17	36.86 2.22 -0.08
GOWANUS_GT4_7 24136	41.09 1.91 0.00	41.45 1.35 -11.05	29.29 1.13 -2.54	26.68 1.07 -0.42	34.81 0.84 -10.25	32.34 1.15 0.00	32.91 1.23 0.00	45.26 1.49 -5.56	42.48 1.73 0.00	56.13 1.61 -17.13	43.51 1.70 0.00	47.03 1.83 0.00	50.79 2.13 0.00	80.86 2.42 0.00	77.08 2.75 0.00	63.52 3.32 0.00	54.34 2.43 0.00	63.99 2.39 0.00	56.91 2.31 0.00	63.69 2.16 0.00	73.23 2.04 0.00	54.59 1.72 -0.25	42.91 1.85 -0.17	36.86 2.22 -0.08
GOWANUS_GT4_8 24137	41.09 1.91 0.00	41.45 1.35 -11.05	29.29 1.13 -2.54	26.68 1.07 -0.42	34.81 0.84 -10.25	32.34 1.15 0.00	32.91 1.23 0.00	45.26 1.49 -5.56	42.48 1.73 0.00	56.13 1.61 -17.13	43.51 1.70 0.00	47.03 1.83 0.00	50.79 2.13 0.00	80.86 2.42 0.00	77.08 2.75 0.00	63.52 3.32 0.00	54.34 2.43 0.00	63.99 2.39 0.00	56.91 2.31 0.00	63.69 2.16 0.00	73.23 2.04 0.00	54.59 1.72 -0.25	42.91 1.85 -0.17	36.86 2.22 -0.08
GREENBSH_115KV_TB3 55895	40.05 0.87 0.00	31.74 0.86 -1.83	26.86 0.82 -0.42	26.13 0.87 -0.07	26.12 0.71 -1.69	32.07 0.89 0.00	32.45 0.77 0.00	39.86 0.73 -0.92	41.29 0.54 0.00	40.53 0.32 -2.83	41.96 0.14 0.00	45.29 0.09 0.00	48.93 0.28 0.00	78.63 0.18 0.00	74.88 0.54 0.00	61.46 1.25 0.00	52.87 0.97 0.00	62.59 0.99 0.00	55.61 1.00 0.00	62.45 0.92 0.00	72.14 0.95 0.00	44.45 1.01 9.18	35.69 0.95 6.16	35.63 1.04 -0.01
GREENIDGE_115KV_TB5 80291	39.99 0.80 -0.01	29.54 0.49 0.00	25.93 0.31 0.00	25.40 0.21 0.00	23.90 0.18 0.00	31.60 0.42 0.00	32.35 0.66 0.00	39.66 0.95 -0.51	43.63 1.27 -1.61	38.92 1.36 -0.17	46.16 2.14 -2.20	51.58 2.58 -3.80	54.88 2.85 -3.38	83.08 3.94 -0.70	81.05 3.87 -2.84	65.89 3.66 -2.02	56.94 3.49 -1.56	67.65 4.03 -2.03	59.12 4.36 -0.15	66.82 5.28 0.00	77.47 6.28 0.00	57.24 4.62 0.00	44.17 3.27 0.00	36.95 2.38 0.00
GREENIDGE___3 23582	39.99 0.80 -0.01	29.54 0.49 0.00	25.93 0.31 0.00	25.40 0.21 0.00	23.90 0.18 0.00	31.60 0.42 0.00	32.35 0.66 0.00	39.66 0.95 -0.51	43.63 1.27 -1.61	38.92 1.36 -0.17	46.16 2.14 -2.20	51.58 2.58 -3.80	54.88 2.85 -3.38	83.08 3.94 -0.70	81.05 3.87 -2.84	65.89 3.66 -2.02	56.94 3.49 -1.56	67.65 4.03 -2.03	59.12 4.36 -0.15	66.82 5.28 0.00	77.47 6.28 0.00	57.24 4.62 0.00	44.17 3.27 0.00	36.95 2.38 0.00
GREENIDGE___4 23583	39.99 0.80 -0.01	29.54 0.49 0.00	25.93 0.31 0.00	25.40 0.21 0.00	23.90 0.18 0.00	31.61 0.43 0.00	32.35 0.67 0.00	39.67 0.95 -0.51	43.64 1.28 -1.61	38.92 1.36 -0.17	46.16 2.14 -2.20	51.59 2.58 -3.80	54.89 2.85 -3.38	83.09 3.94 -0.70	81.03 3.86 -2.84	65.88 3.66 -2.02	56.94 3.49 -1.56	67.65 4.03 -2.03	59.12 4.36 -0.15	66.82 5.29 0.00	77.47 6.28 0.00	57.24 4.63 0.00	44.16 3.26 0.00	36.95 2.38 0.00
GREENLWN_69_KV_BK 3 55738	90.65 2.37 -49.10	89.85 1.72 -59.08	51.36 1.49 -24.25	28.91 1.44 -2.28	35.20 1.14 -10.34	32.75 1.57 0.00	33.16 1.48 0.00	45.52 1.70 -5.61	42.72 1.97 0.00	62.68 1.88 -23.42	81.75 2.22 -37.71	75.32 2.38 -27.74	59.34 2.91 -7.78	71.11 3.21 10.54	72.86 3.63 5.10	76.25 4.18 -11.86	67.66 3.39 -12.36	64.17 3.45 0.88	60.60 3.27 -2.72	71.53 3.19 -6.81	73.49 2.30 0.00	55.06 2.19 -0.25	45.42 2.03 -2.49	39.89 2.34 -2.98
GREENWD_138_KV_38B11_REV_LBMP_J 345004	41.09 1.91 0.00	41.45 1.35 -11.05	29.29 1.13 -2.54	26.68 1.07 -0.42	34.81 0.84 -10.25	32.34 1.15 0.00	32.91 1.23 0.00	45.26 1.49 -5.56	42.48 1.73 0.00	56.13 1.61 -17.13	43.51 1.70 0.00	47.03 1.83 0.00	50.79 2.13 0.00	80.86 2.42 0.00	77.08 2.75 0.00	63.52 3.32 0.00	54.34 2.43 0.00	63.99 2.39 0.00	56.91 2.31 0.00	63.69 2.16 0.00	73.23 2.04 0.00	54.59 1.72 -0.25	42.91 1.85 -0.17	36.86 2.22 -0.08
GRISSOM___SOLAR 323813	43.63 4.45 0.00	32.28 3.22 0.00	28.45 2.83 0.00	27.92 2.72 0.00	26.22 2.51 0.00	34.55 3.37 0.00	34.83 3.14 0.00	40.78 2.57 0.00	43.15 2.40 0.00	39.16 1.78 0.00	44.13 2.32 0.00	47.26 2.05 0.00	50.65 2.00 0.00	81.75 3.30 0.00	81.74 7.40 0.00	67.22 7.01 0.00	58.34 6.44 0.00	69.97 8.37 0.00	64.21 9.60 0.00	71.10 9.56 0.00	82.79 11.61 0.00	62.34 8.37 -1.35	47.58 5.78 -0.90	39.10 4.53 0.00
GROVEVILLE___HYD 323602	41.17 1.99 0.00	30.47 1.42 0.00	26.84 1.22 0.00	26.36 1.17 0.00	24.68 0.96 0.00	32.48 1.30 0.00	33.02 1.34 0.00	39.82 1.61 0.00	42.54 1.79 0.00	38.99 1.60 0.00	43.67 1.85 0.00	47.33 2.12 0.00	51.24 2.58 0.00	81.87 3.42 0.00	78.13 3.79 0.00	64.41 4.20 0.00	55.48 3.58 0.00	65.52 3.92 0.00	58.26 3.65 0.00	65.12 3.58 0.00	74.97 3.78 0.00	55.49 2.87 0.00	43.22 2.32 0.00	36.84 2.26 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	39.15 -0.06 -0.02	28.98 -0.08 0.00	25.52 -0.10 0.00	25.03 -0.16 0.00	23.57 -0.15 0.00	31.04 -0.14 0.00	31.63 -0.05 0.00	39.86 -0.02 -1.67	46.11 0.08 -5.28	38.10 0.16 -0.56	49.40 0.35 -7.23	58.31 0.60 -12.51	60.67 0.89 -11.12	81.88 1.14 -2.29	84.76 1.11 -9.32	68.05 1.21 -6.63	58.15 1.14 -5.11	69.46 1.19 -6.67	61.66 1.48 -5.58	70.26 1.65 -7.09	79.82 1.89 -6.74	56.41 1.37 -2.42	41.86 0.96 0.00	35.25 0.68 0.00

HAMLTNNY_34_KV_TB 80303	39.43 0.22 -0.02	29.19 0.14 0.00	25.70 0.08 0.00	25.19 -0.01 0.00	23.71 0.00 0.00	31.27 0.09 0.00	31.88 0.20 0.00	40.21 0.28 -1.71	46.59 0.42 -5.41	38.45 0.49 -0.57	50.02 0.80 -7.41	59.08 1.06 -12.82	61.42 1.37 -11.39	82.66 1.87 -2.35	85.66 1.77 -9.55	68.81 1.81 -6.80	58.82 1.68 -5.24	70.24 1.81 -6.83	61.85 2.23 -5.01	70.25 2.44 -6.28	79.98 2.82 -5.98	56.82 2.06 -2.15	42.33 1.43 0.00	35.61 1.04 0.00
HAMPSHIRE___PAPER_HYD 323593	39.58 0.39 -0.01	28.98 -0.07 0.00	25.57 -0.05 0.00	25.04 -0.15 0.00	23.62 -0.09 0.00	31.17 -0.01 0.00	32.08 0.39 0.00	39.33 0.56 -0.55	42.95 0.45 -1.75	37.98 0.41 -0.18	44.54 0.33 -2.40	49.61 0.26 -4.15	52.57 0.23 -3.69	80.02 0.81 -0.76	78.41 0.98 -3.09	62.37 -0.04 -2.20	53.52 -0.07 -1.69	63.82 0.01 -2.21	199.65 0.23 -144.81	264.55 0.82 -202.19	265.05 1.53 -192.33	122.87 1.07 -69.17	41.75 0.86 0.00	34.94 0.37 0.00
HARDSCRABBLE_WT_PWR 323673	40.18 0.99 0.00	29.91 0.85 0.00	26.38 0.76 0.00	25.90 0.71 0.00	24.33 0.61 0.00	32.02 0.84 0.00	32.40 0.71 0.00	38.93 0.72 0.00	41.26 0.50 0.00	37.63 0.25 0.00	42.22 0.41 0.00	45.80 0.59 0.00	49.40 0.75 0.00	79.55 1.11 0.00	75.96 1.62 0.00	62.50 2.30 0.00	53.37 1.47 0.00	63.42 1.82 0.00	61.28 2.18 -4.49	70.04 2.22 -6.28	79.55 2.39 -5.98	56.94 2.17 -2.15	42.63 1.73 0.00	36.03 1.45 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	40.93 1.75 0.00	18.04 1.24 12.26	23.87 1.06 2.82	25.75 1.02 0.46	13.15 0.81 11.37	32.27 1.10 0.00	32.79 1.11 0.00	33.39 1.35 6.17	42.27 1.52 0.00	19.76 1.39 19.01	43.42 1.60 0.00	47.05 1.84 0.00	50.96 2.30 0.00	81.38 2.94 0.00	77.65 3.31 0.00	64.03 3.82 0.00	55.10 3.20 0.00	65.07 3.47 0.00	57.91 3.30 0.00	64.69 3.15 0.00	74.52 3.33 0.00	55.12 2.50 0.00	42.91 2.01 0.00	36.51 2.02 0.09
HARSNRAD_115KV_TB1 81005	38.68 -0.50 0.00	28.60 -0.45 0.00	25.19 -0.43 0.00	24.59 -0.60 0.00	23.03 -0.69 0.00	30.54 -0.64 0.00	31.20 -0.48 0.00	37.54 -0.67 0.00	40.97 0.22 0.00	38.00 0.61 0.00	43.43 1.62 0.00	47.02 1.81 0.00	50.86 2.21 0.00	81.06 2.61 0.00	75.99 1.65 0.00	62.19 1.99 0.00	54.14 2.24 0.00	63.46 1.86 0.00	57.34 2.73 0.00	65.56 4.03 0.00	76.29 5.11 0.00	57.02 4.38 -0.02	44.28 3.33 -0.04	37.06 2.49 0.00
HARZA MOOSE___RIVER 24016	40.44 1.25 -0.01	29.64 0.59 0.00	26.17 0.55 0.00	25.59 0.40 0.00	24.03 0.32 0.00	31.75 0.56 0.00	32.67 0.99 0.00	40.01 1.33 -0.47	43.80 1.56 -1.49	38.93 1.39 -0.16	45.44 1.59 -2.04	50.48 1.76 -3.52	53.89 2.10 -3.13	82.67 3.58 -0.65	80.41 3.45 -2.62	64.87 2.80 -1.87	55.69 2.35 -1.44	66.12 2.64 -1.88	97.85 2.88 -40.36	121.47 3.73 -56.21	129.33 4.67 -53.47	75.09 3.24 -19.23	43.27 2.37 0.00	36.21 1.64 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	39.08 -0.12 -0.01	28.93 -0.13 0.00	25.48 -0.14 0.00	25.01 -0.18 0.00	23.53 -0.19 0.00	30.98 -0.20 0.00	31.55 -0.13 0.00	39.01 -0.10 -0.91	43.62 0.00 -2.87	37.80 0.12 -0.30	46.10 0.36 -3.92	52.58 0.60 -6.79	55.55 0.87 -6.03	80.79 1.11 -1.24	80.46 1.07 -5.05	65.02 1.22 -3.60	55.80 1.12 -2.77	66.35 1.13 -3.62	61.90 1.37 -5.91	70.94 1.53 -7.88	80.43 1.75 -7.49	56.62 1.30 -2.70	41.79 0.90 0.00	35.18 0.61 0.00
HELLGATE_13_KV_LD 55870	41.05 1.87 0.00	41.42 1.32 -11.05	29.29 1.13 -2.54	26.69 1.08 -0.42	34.82 0.86 -10.25	32.36 1.17 0.00	32.93 1.25 0.00	45.27 1.50 -5.56	42.47 1.71 0.00	56.02 1.50 -17.13	43.37 1.56 0.00	46.85 1.65 0.00	50.56 1.91 0.00	80.62 2.18 0.00	76.88 2.54 0.00	63.40 3.20 0.00	54.38 2.48 0.00	64.09 2.49 0.00	56.95 2.34 0.00	66.39 2.03 -2.82	73.21 2.02 0.00	54.55 1.67 -0.25	42.74 1.68 -0.17	36.73 2.09 -0.08
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	41.05 1.87 0.00	41.42 1.32 -11.05	29.29 1.13 -2.54	26.69 1.08 -0.42	34.82 0.86 -10.25	32.36 1.17 0.00	32.93 1.25 0.00	45.27 1.50 -5.56	42.47 1.71 0.00	56.02 1.50 -17.13	43.37 1.56 0.00	46.85 1.65 0.00	50.56 1.91 0.00	80.62 2.18 0.00	76.88 2.54 0.00	63.40 3.20 0.00	54.38 2.48 0.00	64.09 2.49 0.00	56.95 2.34 0.00	66.39 2.03 -2.82	73.21 2.02 0.00	54.55 1.67 -0.25	42.74 1.68 -0.17	36.73 2.09 -0.08
HEMPSTEAD____ 23647	90.59 2.31 -49.10	89.80 1.67 -59.08	51.34 1.47 -24.26	28.87 1.40 -2.28	35.18 1.12 -10.34	32.72 1.54 0.00	33.18 1.50 0.00	45.57 1.75 -5.61	42.69 1.94 0.00	62.61 1.81 -23.42	81.61 2.08 -37.71	77.31 2.29 -29.81	84.93 2.71 -33.57	83.42 3.24 -1.74	83.03 3.69 -4.99	79.55 4.25 -15.10	84.07 3.50 -28.67	92.28 3.80 -26.88	95.46 3.53 -37.33	71.70 3.28 -6.90	74.01 2.82 0.00	55.31 2.45 -0.25	45.52 2.14 -2.49	39.92 2.37 -2.98
HEWLETT_69_KV_BK3 55828	90.95 2.67 -49.10	90.06 1.93 -59.08	51.53 1.65 -24.25	29.06 1.59 -2.28	35.36 1.31 -10.34	32.95 1.77 0.00	33.42 1.74 0.00	45.78 1.96 -5.61	43.00 2.25 0.00	62.93 2.13 -23.42	81.88 2.35 -37.71	77.62 2.61 -29.81	85.24 3.02 -33.57	83.87 3.69 -1.74	83.44 4.11 -4.99	79.92 4.62 -15.10	84.46 3.89 -28.67	92.80 4.32 -26.88	95.94 4.00 -37.33	72.15 3.73 -6.90	74.60 3.41 0.00	55.74 2.87 -0.25	45.88 2.49 -2.49	40.38 2.83 -2.98
HICKLING___1 23621	39.62 0.43 -0.01	29.19 0.14 0.00	25.61 -0.01 0.00	25.08 -0.12 0.00	23.68 -0.04 0.00	31.30 0.12 0.00	32.00 0.32 0.00	39.40 0.69 -0.51	43.49 1.14 -1.61	38.95 1.40 -0.17	46.09 2.08 -2.20	51.62 2.61 -3.81	55.05 3.01 -3.39	82.85 3.71 -0.70	80.85 3.67 -2.84	65.96 3.74 -2.02	56.89 3.43 -1.56	67.24 3.61 -2.03	58.64 3.88 -0.15	66.14 4.61 0.00	76.93 5.74 0.00	56.69 4.06 0.00	43.88 2.98 0.00	36.75 2.18 0.00
HICKLING___2 23622	39.62 0.43 -0.01	29.19 0.14 0.00	25.61 -0.01 0.00	25.08 -0.12 0.00	23.68 -0.04 0.00	31.30 0.12 0.00	32.00 0.32 0.00	39.40 0.69 -0.51	43.49 1.14 -1.61	38.95 1.40 -0.17	46.09 2.08 -2.20	51.62 2.61 -3.81	55.05 3.01 -3.39	82.85 3.71 -0.70	80.85 3.67 -2.84	65.96 3.74 -2.02	56.89 3.43 -1.56	67.24 3.61 -2.03	58.64 3.88 -0.15	66.14 4.61 0.00	76.93 5.74 0.00	56.69 4.06 0.00	43.88 2.98 0.00	36.75 2.18 0.00
HIGH FALLS___HY 23754	40.88 1.70 0.00	30.18 1.13 0.00	26.57 0.95 0.00	26.08 0.89 0.00	24.42 0.71 0.00	32.15 0.97 0.00	32.71 1.03 0.00	39.55 1.34 0.00	42.25 1.50 0.00	38.55 1.16 0.00	43.23 1.42 0.00	46.83 1.63 0.00	50.66 2.01 0.00	80.81 2.36 0.00	77.08 2.75 0.00	63.64 3.43 0.00	54.84 2.94 0.00	64.63 3.03 0.00	57.59 2.98 0.00	64.56 3.03 0.00	74.44 3.25 0.00	54.48 2.68 0.82	42.47 2.12 0.55	36.61 2.05 0.00
HIGH_RIVER___SOLAR 323847	40.98 1.80 0.00	30.39 1.34 0.00	26.80 1.18 0.00	26.35 1.16 0.00	24.75 1.04 0.00	32.56 1.38 0.00	33.02 1.34 0.00	39.72 1.51 0.00	42.20 1.45 0.00	38.57 1.18 0.00	43.21 1.39 0.00	46.69 1.49 0.00	50.47 1.81 0.00	81.30 2.86 0.00	77.47 3.14 0.00	63.39 3.19 0.00	54.52 2.62 0.00	64.68 3.09 0.00	57.67 3.06 0.00	64.90 3.37 0.00	75.10 3.91 0.00	57.19 2.99 -1.59	44.28 2.32 -1.06	36.54 1.97 0.00

HILLBURN___GT 23639	40.70 1.52 0.00	15.83 1.09 14.31	23.25 0.92 3.29	25.54 0.89 0.54	11.12 0.68 13.27	32.11 0.93 0.00	32.62 0.94 0.00	32.13 1.12 7.20	42.02 1.27 0.00	16.31 1.12 22.19	43.05 1.24 0.00	46.60 1.40 0.00	50.43 1.78 0.00	80.49 2.04 0.00	76.76 2.42 0.00	63.29 3.09 0.00	54.43 2.53 0.00	64.22 2.63 0.00	57.16 2.55 0.00	63.80 2.27 0.00	73.54 2.35 0.00	54.45 1.83 0.00	42.46 1.56 0.00	36.22 1.75 0.10
HILLSIDE_115KV_TB1 80332	38.91 -0.28 -0.01	28.72 -0.33 0.00	25.24 -0.38 0.00	24.72 -0.47 0.00	23.40 -0.32 0.00	30.88 -0.30 0.00	31.51 -0.17 0.00	38.83 0.10 -0.53	42.82 0.40 -1.66	38.20 0.64 -0.17	45.20 1.11 -2.28	50.68 1.54 -3.94	54.03 1.88 -3.50	81.05 1.88 -0.72	79.31 2.03 -2.93	64.66 2.36 -2.09	55.67 2.16 -1.61	65.78 2.08 -2.10	57.20 2.43 -0.16	64.40 2.86 0.00	74.99 3.80 0.00	55.23 2.61 0.00	42.86 1.96 0.00	35.97 1.40 0.00
HISHELDN_WT_PWR 323625	39.18 0.00 0.00	28.86 -0.19 0.00	25.33 -0.29 0.00	24.75 -0.44 0.00	23.21 -0.51 0.00	30.81 -0.37 0.00	31.55 -0.13 0.00	38.19 -0.02 0.00	41.62 0.86 0.00	38.66 1.27 0.00	44.13 2.31 0.00	47.97 2.77 0.00	51.81 3.16 0.00	82.51 4.06 0.00	77.68 3.34 0.00	63.63 3.43 0.00	55.28 3.38 0.00	64.81 3.21 0.00	58.47 3.86 0.00	66.59 5.05 0.00	77.50 6.31 0.00	57.59 4.96 -0.01	44.60 3.68 -0.02	37.27 2.69 0.00
HOLTSVILLE_IC_1 23690	90.85 2.57 -49.10	90.05 1.92 -59.08	51.55 1.68 -24.26	29.08 1.61 -2.28	35.36 1.31 -10.34	32.97 1.79 0.00	33.42 1.74 0.00	45.91 2.09 -5.61	43.22 2.47 0.00	63.14 2.34 -23.42	82.31 2.79 -37.71	87.16 2.89 -39.06	200.62 3.20 -148.76	138.82 3.81 -56.57	127.35 4.21 -48.80	94.46 4.73 -29.53	157.17 3.81 -101.46	216.49 4.05 -150.84	250.34 3.88 -191.85	72.80 4.01 -7.27	74.61 3.42 0.00	55.88 3.02 -0.25	46.06 2.68 -2.49	40.36 2.81 -2.98
HOLTSVILLE_IC_10 23699	91.08 2.80 -49.10	90.22 2.09 -59.08	51.69 1.81 -24.26	29.20 1.73 -2.28	35.47 1.41 -10.34	33.12 1.95 0.00	33.59 1.91 0.00	46.15 2.33 -5.61	43.49 2.74 0.00	63.43 2.62 -23.42	82.67 3.14 -37.71	88.30 3.31 -39.79	210.13 3.69 -157.79	143.91 4.59 -60.87	131.72 4.93 -52.45	96.19 5.32 -30.66	163.41 4.33 -107.18	226.84 4.67 -160.57	262.92 4.34 -203.97	73.36 4.53 -7.30	75.20 4.01 0.00	56.33 3.46 -0.25	46.40 3.02 -2.49	40.62 3.07 -2.98
HOLTSVILLE_IC_2 23691	90.85 2.57 -49.10	90.05 1.92 -59.08	51.55 1.68 -24.26	29.08 1.61 -2.28	35.36 1.31 -10.34	32.97 1.79 0.00	33.42 1.74 0.00	45.91 2.09 -5.61	43.22 2.47 0.00	63.14 2.34 -23.42	82.31 2.79 -37.71	87.16 2.89 -39.06	200.62 3.20 -148.76	138.82 3.81 -56.57	127.35 4.21 -48.80	94.46 4.73 -29.53	157.17 3.81 -101.46	216.49 4.05 -150.84	250.34 3.88 -191.85	72.80 4.01 -7.27	74.61 3.42 0.00	55.88 3.02 -0.25	46.06 2.68 -2.49	40.36 2.81 -2.98
HOLTSVILLE_IC_3 23692	90.85 2.57 -49.10	90.05 1.92 -59.08	51.55 1.68 -24.26	29.08 1.61 -2.28	35.36 1.31 -10.34	32.97 1.79 0.00	33.42 1.74 0.00	45.91 2.09 -5.61	43.22 2.47 0.00	63.14 2.34 -23.42	82.31 2.79 -37.71	87.16 2.89 -39.06	200.62 3.20 -148.76	138.82 3.81 -56.57	127.35 4.21 -48.80	94.46 4.73 -29.53	157.17 3.81 -101.46	216.49 4.05 -150.84	250.34 3.88 -191.85	72.80 4.01 -7.27	74.61 3.42 0.00	55.88 3.02 -0.25	46.06 2.68 -2.49	40.36 2.81 -2.98
HOLTSVILLE_IC_4 23693	90.85 2.57 -49.10	90.05 1.92 -59.08	51.55 1.68 -24.26	29.08 1.61 -2.28	35.36 1.31 -10.34	32.97 1.79 0.00	33.42 1.74 0.00	45.91 2.09 -5.61	43.22 2.47 0.00	63.14 2.34 -23.42	82.31 2.79 -37.71	87.16 2.89 -39.06	200.62 3.20 -148.76	138.82 3.81 -56.57	127.35 4.21 -48.80	94.46 4.73 -29.53	157.17 3.81 -101.46	216.49 4.05 -150.84	250.34 3.88 -191.85	72.80 4.01 -7.27	74.61 3.42 0.00	55.88 3.02 -0.25	46.06 2.68 -2.49	40.36 2.81 -2.98
HOLTSVILLE_IC_5 23694	90.85 2.57 -49.10	90.05 1.92 -59.08	51.55 1.68 -24.26	29.08 1.61 -2.28	35.36 1.31 -10.34	32.97 1.79 0.00	33.42 1.74 0.00	45.91 2.09 -5.61	43.22 2.47 0.00	63.14 2.34 -23.42	82.31 2.79 -37.71	87.16 2.89 -39.06	200.62 3.20 -148.76	138.82 3.81 -56.57	127.35 4.21 -48.80	94.46 4.73 -29.53	157.17 3.81 -101.46	216.49 4.05 -150.84	250.34 3.88 -191.85	72.80 4.01 -7.27	74.61 3.42 0.00	55.88 3.02 -0.25	46.06 2.68 -2.49	40.36 2.81 -2.98
HOLTSVILLE_IC_6 23695	91.08 2.80 -49.10	90.22 2.09 -59.08	51.69 1.81 -24.26	29.20 1.73 -2.28	35.47 1.41 -10.34	33.12 1.95 0.00	33.59 1.91 0.00	46.15 2.33 -5.61	43.49 2.74 0.00	63.43 2.62 -23.42	82.67 3.14 -37.71	88.30 3.31 -39.79	210.13 3.69 -157.79	143.91 4.59 -60.87	131.72 4.93 -52.45	96.19 5.32 -30.66	163.41 4.33 -107.18	226.84 4.67 -160.57	262.92 4.34 -203.97	73.36 4.53 -7.30	75.20 4.01 0.00	56.33 3.46 -0.25	46.40 3.02 -2.49	40.62 3.07 -2.98
HOLTSVILLE_IC_7 23696	91.08 2.80 -49.10	90.22 2.09 -59.08	51.69 1.81 -24.26	29.20 1.73 -2.28	35.47 1.41 -10.34	33.12 1.95 0.00	33.59 1.91 0.00	46.15 2.33 -5.61	43.49 2.74 0.00	63.43 2.62 -23.42	82.67 3.14 -37.71	88.30 3.31 -39.79	210.13 3.69 -157.79	143.91 4.59 -60.87	131.72 4.93 -52.45	96.19 5.32 -30.66	163.41 4.33 -107.18	226.84 4.67 -160.57	262.92 4.34 -203.97	73.36 4.53 -7.30	75.20 4.01 0.00	56.33 3.46 -0.25	46.40 3.02 -2.49	40.62 3.07 -2.98
HOLTSVILLE_IC_8 23697	91.08 2.80 -49.10	90.22 2.09 -59.08	51.69 1.81 -24.26	29.20 1.73 -2.28	35.47 1.41 -10.34	33.12 1.95 0.00	33.59 1.91 0.00	46.15 2.33 -5.61	43.49 2.74 0.00	63.43 2.62 -23.42	82.67 3.14 -37.71	88.30 3.31 -39.79	210.13 3.69 -157.79	143.91 4.59 -60.87	131.72 4.93 -52.45	96.19 5.32 -30.66	163.41 4.33 -107.18	226.84 4.67 -160.57	262.92 4.34 -203.97	73.36 4.53 -7.30	75.20 4.01 0.00	56.33 3.46 -0.25	46.40 3.02 -2.49	40.62 3.07 -2.98
HOLTSVILLE_IC_9 23698	91.08 2.80 -49.10	90.22 2.09 -59.08	51.69 1.81 -24.26	29.20 1.73 -2.28	35.47 1.41 -10.34	33.12 1.95 0.00	33.59 1.91 0.00	46.15 2.33 -5.61	43.49 2.74 0.00	63.43 2.62 -23.42	82.67 3.14 -37.71	88.30 3.31 -39.79	210.13 3.69 -157.79	143.91 4.59 -60.87	131.72 4.93 -52.45	96.19 5.32 -30.66	163.41 4.33 -107.18	226.84 4.67 -160.57	262.92 4.34 -203.97	73.36 4.53 -7.30	75.20 4.01 0.00	56.33 3.46 -0.25	46.40 3.02 -2.49	40.62 3.07 -2.98
HOMER_HL_115KV_TB2 355744	39.16 -0.02 0.00	28.77 -0.28 0.00	25.36 -0.26 0.00	24.83 -0.36 0.00	23.43 -0.29 0.00	31.07 -0.11 0.00	31.81 0.13 0.00	38.63 0.42 0.00	42.02 1.27 0.00	38.88 1.49 0.00	44.22 2.41 0.00	47.99 2.78 0.00	51.54 2.88 0.00	81.70 3.25 0.00	76.87 2.53 0.00	63.05 2.85 0.00	54.70 2.80 0.00	64.17 2.57 0.00	57.88 3.27 0.00	65.67 4.14 0.00	76.92 5.73 0.00	57.07 4.44 -0.01	44.17 3.26 -0.02	37.11 2.54 0.00
HOWARD_WT_PWR 323690	39.67 0.49 0.00	28.88 -0.17 0.00	25.21 -0.41 0.00	24.75 -0.44 0.00	23.23 -0.49 0.00	30.83 -0.35 0.00	31.77 0.09 0.00	38.96 0.37 -0.37	43.20 1.27 -1.18	39.34 1.84 -0.12	46.19 2.77 -1.61	51.29 3.30 -2.79	54.83 3.70 -2.48	83.83 4.88 -0.51	81.02 4.61 -2.08	66.18 4.50 -1.48	57.31 4.27 -1.14	67.64 4.56 -1.49	59.60 4.88 -0.11	67.49 5.95 0.00	78.25 7.07 0.00	57.68 5.06 0.00	44.49 3.59 -0.01	37.10 2.53 0.00

HQ_GEN_CEDARS 23644	38.45 -0.73 0.00	28.37 -0.69 0.00	24.98 -0.65 0.00	24.59 -0.60 0.00	23.34 -0.38 0.00	30.66 -0.52 0.00	31.22 -0.46 0.00	37.73 -0.47 0.00	40.17 -0.58 0.00	36.90 -0.48 0.00	41.02 -0.79 0.00	44.11 -1.09 0.00	47.17 -1.48 0.00	77.07 -1.38 0.00	73.19 -1.15 0.00	57.44 -2.76 0.00	49.59 -2.32 0.00	59.12 -2.48 0.00	15.33 -2.63 36.65	7.56 -2.74 51.23	19.44 -3.02 48.73	32.91 -2.18 17.53	39.22 -1.68 0.00	32.98 -1.59 0.00
HQ_GEN_CEDARS_PROXY 323590	38.45 -0.73 0.00	28.37 -0.69 0.00	24.98 -0.65 0.00	24.59 -0.60 0.00	23.33 -0.38 0.00	30.66 -0.52 0.00	30.51 -0.46 0.70	37.78 -0.47 -0.04	40.17 -0.58 0.00	36.80 -0.48 0.11	40.91 -0.79 0.11	41.44 -1.10 2.67	47.17 -1.48 0.00	78.45 -1.39 -1.40	73.19 -1.15 0.00	54.25 -2.76 3.20	49.59 -2.31 0.00	59.12 -2.48 0.00	15.33 -2.63 36.65	7.56 -2.74 51.23	23.03 -3.01 45.14	41.71 -2.18 8.72	38.48 -1.68 0.74	32.99 -1.59 0.00
HQ_GEN_IMPORT 323601	40.26 -0.42 -1.50	27.18 -0.37 1.50	25.27 -0.35 0.00	24.88 -0.32 0.00	23.64 -0.20 -0.12	30.89 -0.29 0.00	31.25 -0.28 0.16	39.14 -0.25 -1.18	39.43 -0.25 1.07	37.17 -0.21 0.00	41.45 -0.36 0.00	39.01 -0.53 5.66	47.62 -0.85 0.18	80.26 -0.84 -2.66	73.32 -1.02 0.00	30.06 -1.66 28.48	50.83 -1.36 -0.29	60.22 -1.37 0.00	42.99 -1.60 10.02	45.88 -1.65 14.01	55.99 -1.87 13.32	45.21 -1.54 5.87	38.22 -1.25 1.43	32.54 -1.14 0.89
HQ_GEN_WHEEL 23651	40.26 -0.42 -1.50	27.18 -0.37 1.50	25.27 -0.35 0.00	24.88 -0.32 0.00	23.64 -0.20 -0.12	30.89 -0.29 0.00	31.25 -0.28 0.16	39.14 -0.25 -1.18	39.43 -0.25 1.07	37.17 -0.21 0.00	41.45 -0.36 0.00	39.01 -0.53 5.66	47.62 -0.85 0.18	80.26 -0.84 -2.66	73.32 -1.02 0.00	30.06 -1.66 28.48	50.83 -1.36 -0.29	60.22 -1.37 0.00	42.99 -1.60 10.02	45.88 -1.65 14.01	55.99 -1.87 13.32	45.21 -1.54 5.87	38.22 -1.25 1.43	32.54 -1.14 0.89
HUDSON AVE_GT_3 23810	41.13 1.95 0.00	41.49 1.38 -11.05	29.35 1.19 -2.54	26.76 1.15 -0.42	34.88 0.91 -10.25	32.41 1.23 0.00	32.97 1.29 0.00	45.35 1.58 -5.56	42.53 1.78 0.00	56.12 1.60 -17.14	43.51 1.70 0.00	47.02 1.82 0.00	50.79 2.13 0.00	80.98 2.53 0.00	77.23 2.89 0.00	63.72 3.51 0.00	54.73 2.83 0.00	64.56 2.96 0.00	57.35 2.74 0.00	63.97 2.44 0.00	73.65 2.47 0.00	54.84 1.96 -0.25	42.88 1.82 -0.17	36.80 2.15 -0.08
HUDSON AVE_GT_4 23540	41.13 1.95 0.00	41.49 1.38 -11.05	29.35 1.19 -2.54	26.76 1.15 -0.42	34.88 0.91 -10.25	32.41 1.23 0.00	32.97 1.29 0.00	45.35 1.58 -5.56	42.53 1.78 0.00	56.12 1.60 -17.14	43.51 1.70 0.00	47.02 1.82 0.00	50.79 2.13 0.00	80.98 2.53 0.00	77.23 2.89 0.00	63.72 3.51 0.00	54.73 2.83 0.00	64.56 2.96 0.00	57.35 2.74 0.00	63.97 2.44 0.00	73.65 2.47 0.00	54.84 1.96 -0.25	42.88 1.82 -0.17	36.80 2.15 -0.08
HUDSON AVE_GT_5 23657	41.13 1.95 0.00	41.49 1.38 -11.05	29.35 1.19 -2.54	26.76 1.15 -0.42	34.88 0.91 -10.25	32.41 1.23 0.00	32.97 1.29 0.00	45.35 1.58 -5.56	42.53 1.78 0.00	56.12 1.60 -17.14	43.51 1.70 0.00	47.02 1.82 0.00	50.79 2.13 0.00	80.98 2.53 0.00	77.23 2.89 0.00	63.72 3.51 0.00	54.73 2.83 0.00	64.56 2.96 0.00	57.35 2.74 0.00	63.97 2.44 0.00	73.65 2.47 0.00	54.84 1.96 -0.25	42.88 1.82 -0.17	36.80 2.15 -0.08
HUDSON_AVE_10 24168	40.98 1.79 0.00	41.36 1.26 -11.05	29.23 1.08 -2.54	26.65 1.04 -0.42	34.78 0.82 -10.25	32.29 1.11 0.00	32.85 1.17 0.00	45.17 1.40 -5.56	42.35 1.60 0.00	55.93 1.41 -17.14	43.27 1.46 0.00	46.78 1.57 0.00	50.52 1.87 0.00	80.54 2.10 0.00	76.84 2.50 0.00	63.39 3.19 0.00	54.46 2.56 0.00	64.23 2.64 0.00	57.05 2.44 0.00	63.63 2.10 0.00	73.29 2.10 0.00	54.53 1.66 -0.25	42.68 1.61 -0.17	36.60 1.96 -0.08
HUDSON___115KV_TB 4 355613	41.20 2.02 0.00	32.30 1.72 -1.54	27.53 1.56 -0.35	26.81 1.56 -0.06	26.52 1.37 -1.43	32.93 1.75 0.00	33.34 1.66 0.00	40.67 1.69 -0.77	42.19 1.43 0.00	40.93 1.16 -2.39	42.78 0.96 0.00	46.08 0.88 0.00	49.84 1.19 0.00	80.24 1.80 0.00	76.58 2.24 0.00	63.17 2.96 0.00	54.65 2.75 0.00	64.77 3.18 0.00	57.40 2.78 0.00	64.43 2.89 0.00	74.58 3.39 0.00	49.13 2.81 6.30	38.92 2.25 4.23	36.61 2.03 -0.01
HUNTER MOUNT___DRP 323613	41.51 2.32 0.00	31.04 1.98 0.00	27.42 1.80 0.00	26.99 1.80 0.00	25.32 1.60 0.00	33.23 2.05 0.00	33.66 1.98 0.00	40.24 2.03 0.00	42.59 1.83 0.00	38.91 1.53 0.00	43.13 1.32 0.00	46.38 1.18 0.00	50.15 1.50 0.00	80.94 2.50 0.00	77.30 2.96 0.00	63.84 3.64 0.00	55.23 3.33 0.00	65.47 3.87 0.00	57.96 3.35 0.00	65.05 3.52 0.00	75.34 4.15 0.00	51.24 3.36 4.74	40.38 2.66 3.18	36.91 2.34 0.00
HUNTINGTON_RES_REC 323705	90.83 2.54 -49.10	90.01 1.88 -59.08	51.51 1.64 -24.26	29.04 1.57 -2.28	35.32 1.26 -10.34	32.91 1.73 0.00	33.33 1.65 0.00	45.78 1.96 -5.61	43.07 2.32 0.00	63.04 2.24 -23.42	82.23 2.70 -37.71	101.29 2.86 -53.24	377.34 3.37 -325.31	223.07 4.00 -140.64	196.34 4.39 -117.62	116.67 4.80 -51.66	268.88 3.91 -213.06	406.59 4.12 -340.87	487.19 3.87 -428.71	73.28 3.90 -7.85	74.29 3.10 0.00	55.68 2.80 -0.25	45.89 2.50 -2.49	40.24 2.69 -2.98
HUNTLEY___63 23557	39.28 0.10 0.00	29.05 0.00 0.00	25.55 -0.07 0.00	24.95 -0.24 0.00	23.32 -0.39 0.00	30.91 -0.27 0.00	31.60 -0.08 0.00	38.09 -0.12 0.00	41.67 0.92 0.00	38.66 1.27 0.00	44.25 2.43 0.00	48.03 2.82 0.00	51.91 3.25 0.00	82.60 4.15 0.00	77.52 3.18 0.00	63.41 3.21 0.00	55.17 3.27 0.00	64.61 3.01 0.00	58.41 3.79 0.00	66.75 5.22 0.00	77.66 6.47 0.00	57.96 5.32 -0.02	44.93 4.00 -0.03	37.55 2.98 0.00
HUNTLEY___64 23558	39.28 0.10 0.00	29.05 0.00 0.00	25.55 -0.07 0.00	24.95 -0.24 0.00	23.32 -0.39 0.00	30.91 -0.27 0.00	31.60 -0.08 0.00	38.09 -0.12 0.00	41.67 0.92 0.00	38.66 1.27 0.00	44.25 2.43 0.00	48.03 2.82 0.00	51.91 3.25 0.00	82.60 4.15 0.00	77.52 3.18 0.00	63.41 3.21 0.00	55.17 3.27 0.00	64.61 3.01 0.00	58.41 3.79 0.00	66.75 5.22 0.00	77.66 6.47 0.00	57.96 5.32 -0.02	44.93 4.00 -0.03	37.55 2.98 0.00
HUNTLEY___65 23559	39.28 0.10 0.00	29.05 0.00 0.00	25.55 -0.07 0.00	24.95 -0.24 0.00	23.32 -0.39 0.00	30.91 -0.27 0.00	31.60 -0.08 0.00	38.09 -0.12 0.00	41.67 0.92 0.00	38.66 1.27 0.00	44.25 2.43 0.00	48.03 2.82 0.00	51.91 3.25 0.00	82.60 4.15 0.00	77.52 3.18 0.00	63.41 3.21 0.00	55.17 3.27 0.00	64.61 3.01 0.00	58.41 3.79 0.00	66.75 5.22 0.00	77.66 6.47 0.00	57.96 5.32 -0.02	44.93 4.00 -0.03	37.55 2.98 0.00
HUNTLEY___66 23560	39.28 0.10 0.00	29.05 0.00 0.00	25.55 -0.07 0.00	24.95 -0.24 0.00	23.32 -0.39 0.00	30.91 -0.27 0.00	31.60 -0.08 0.00	38.09 -0.12 0.00	41.67 0.92 0.00	38.66 1.27 0.00	44.25 2.43 0.00	48.03 2.82 0.00	51.91 3.25 0.00	82.60 4.15 0.00	77.52 3.18 0.00	63.41 3.21 0.00	55.17 3.27 0.00	64.61 3.01 0.00	58.41 3.79 0.00	66.75 5.22 0.00	77.66 6.47 0.00	57.96 5.32 -0.02	44.93 4.00 -0.03	37.55 2.98 0.00



HUNTLEY___67 23561	38.95 -0.23 0.00	28.81 -0.25 0.00	25.37 -0.25 0.00	24.77 -0.43 0.00	23.20 -0.51 0.00	30.77 -0.41 0.00	31.45 -0.23 0.00	37.94 -0.27 0.00	41.41 0.66 0.00	38.38 0.99 0.00	43.89 2.08 0.00	47.67 2.47 0.00	51.50 2.85 0.00	82.10 3.65 0.00	77.07 2.73 0.00	63.03 2.82 0.00	54.82 2.92 0.00	64.25 2.65 0.00	58.04 3.43 0.00	66.27 4.74 0.00	77.14 5.95 0.00	57.48 4.85 -0.01	44.51 3.59 -0.02	37.23 2.66 0.00
HUNTLEY___68 23562	38.95 -0.23 0.00	28.81 -0.25 0.00	25.37 -0.25 0.00	24.77 -0.43 0.00	23.20 -0.51 0.00	30.77 -0.41 0.00	31.45 -0.23 0.00	37.94 -0.27 0.00	41.41 0.66 0.00	38.38 0.99 0.00	43.89 2.08 0.00	47.67 2.47 0.00	51.50 2.85 0.00	82.10 3.65 0.00	77.07 2.73 0.00	63.03 2.82 0.00	54.82 2.92 0.00	64.25 2.65 0.00	58.04 3.43 0.00	66.27 4.74 0.00	77.14 5.95 0.00	57.48 4.85 -0.01	44.51 3.59 -0.02	37.23 2.66 0.00
HYLAND___LFG 323620	40.52 1.34 0.00	29.74 0.69 0.00	26.06 0.44 0.00	25.50 0.30 0.00	23.92 0.21 0.00	31.72 0.54 0.00	32.60 0.92 0.00	39.45 1.24 0.00	41.49 0.73 0.00	38.77 1.39 0.00	42.35 0.54 0.00	43.99 -1.21 0.00	47.45 -1.20 0.00	75.74 -2.70 0.00	71.57 -2.77 0.00	58.75 -1.46 0.00	51.47 -0.44 0.00	60.96 -0.64 0.00	55.03 0.42 0.00	62.76 1.23 0.00	73.99 2.80 0.00	55.39 2.77 0.00	46.06 5.17 0.00	38.21 3.63 0.00
INDECK___CORINTH 23802	41.62 2.43 0.00	32.44 1.69 -1.69	27.49 1.48 -0.39	26.71 1.45 -0.06	26.57 1.29 -1.57	33.05 1.87 0.00	33.56 1.87 0.00	41.28 2.22 -0.85	42.85 2.10 0.00	41.37 1.37 -2.62	43.74 1.93 0.00	47.21 2.01 0.00	50.94 2.29 0.00	83.38 4.93 0.00	79.63 5.28 0.00	65.31 5.11 0.00	56.00 4.10 0.00	66.38 4.78 0.00	59.34 4.73 0.00	66.81 5.28 0.00	76.96 5.77 0.00	59.52 4.33 -2.58	46.01 3.38 -1.73	37.34 2.76 -0.01
INDECK___ILION 23567	39.85 0.67 0.00	29.61 0.56 0.00	26.13 0.51 0.00	25.66 0.47 0.00	24.12 0.40 0.00	31.72 0.54 0.00	32.16 0.48 0.00	38.70 0.49 0.00	41.12 0.37 0.00	37.60 0.21 0.00	42.13 0.31 0.00	45.63 0.43 0.00	49.22 0.56 0.00	79.27 0.82 0.00	75.46 1.12 0.00	61.72 1.52 0.00	52.93 1.03 0.00	62.83 1.23 0.00	60.56 1.45 -4.49	69.32 1.50 -6.28	78.89 1.73 -5.98	56.22 1.46 -2.15	42.04 1.15 0.00	35.55 0.98 0.00
INDECK___OLEAN 23982	39.16 -0.02 0.00	28.77 -0.28 0.00	25.36 -0.26 0.00	24.83 -0.37 0.00	23.43 -0.29 0.00	31.07 -0.11 0.00	31.82 0.14 0.00	38.63 0.42 0.00	42.02 1.27 0.00	38.88 1.49 0.00	44.22 2.41 0.00	48.00 2.79 0.00	51.53 2.88 0.00	81.71 3.27 0.00	76.86 2.52 0.00	63.06 2.85 0.00	54.72 2.82 0.00	64.18 2.58 0.00	57.88 3.27 0.00	65.69 4.16 0.00	76.93 5.75 0.00	57.08 4.45 -0.01	44.24 3.33 -0.02	37.11 2.54 0.00
INDECK___OSWEGO 23783	38.33 -0.91 -0.05	28.34 -0.72 0.00	24.98 -0.64 0.00	24.52 -0.67 0.00	23.06 -0.65 0.00	30.35 -0.83 0.00	30.93 -0.76 0.00	41.33 -0.88 -4.00	52.47 -0.92 -12.64	37.94 -0.77 -1.33	58.38 -0.73 -17.29	74.53 -0.60 -29.93	74.80 -0.46 -26.61	82.97 -0.96 -5.48	95.75 -0.88 -22.29	75.63 -0.45 -15.87	63.76 -0.37 -12.23	77.01 -0.54 -15.95	64.88 -0.38 -10.64	74.54 -0.18 -13.18	83.54 -0.19 -12.54	56.99 -0.14 -4.51	40.72 -0.18 0.00	34.29 -0.29 0.00
INDECK___YERKES 23781	39.29 0.10 0.00	29.05 0.00 0.00	25.55 -0.07 0.00	24.95 -0.24 0.00	23.32 -0.39 0.00	30.91 -0.27 0.00	31.60 -0.08 0.00	38.10 -0.11 0.00	41.68 0.93 0.00	38.66 1.28 0.00	44.26 2.45 0.00	48.05 2.84 0.00	51.93 3.27 0.00	82.63 4.18 0.00	77.51 3.17 0.00	63.42 3.21 0.00	55.18 3.28 0.00	64.62 3.02 0.00	58.42 3.81 0.00	66.75 5.22 0.00	77.69 6.50 0.00	57.98 5.34 -0.02	44.96 4.03 -0.03	37.56 2.99 0.00
INDIAN POINT_GT_1 24139	40.75 1.57 0.00	43.15 1.13 -12.97	29.57 0.98 -2.98	26.62 0.94 -0.49	36.47 0.74 -12.02	32.18 1.00 0.00	32.70 1.01 0.00	45.93 1.20 -6.52	42.09 1.34 0.00	58.65 1.16 -20.10	43.08 1.26 0.00	46.60 1.40 0.00	50.39 1.74 0.00	80.40 1.96 0.00	76.66 2.32 0.00	63.21 3.00 0.00	54.35 2.45 0.00	64.16 2.56 0.00	57.06 2.45 0.00	63.71 2.17 0.00	73.40 2.21 0.00	54.39 1.76 0.00	42.47 1.57 0.00	36.46 1.80 -0.09
INDIAN POINT_GT_2 23659	40.75 1.57 0.00	43.15 1.13 -12.97	29.57 0.98 -2.98	26.62 0.94 -0.49	36.47 0.74 -12.02	32.18 1.00 0.00	32.70 1.01 0.00	45.93 1.20 -6.52	42.09 1.34 0.00	58.65 1.16 -20.10	43.08 1.26 0.00	46.60 1.40 0.00	50.39 1.74 0.00	80.40 1.96 0.00	76.66 2.32 0.00	63.21 3.00 0.00	54.35 2.45 0.00	64.16 2.56 0.00	57.06 2.45 0.00	63.71 2.17 0.00	73.40 2.21 0.00	54.39 1.76 0.00	42.47 1.57 0.00	36.46 1.80 -0.09
INDIAN POINT_GT_3 24019	40.75 1.57 0.00	43.15 1.13 -12.97	29.57 0.98 -2.98	26.62 0.94 -0.49	36.47 0.74 -12.02	32.18 1.00 0.00	32.70 1.01 0.00	45.93 1.20 -6.52	42.09 1.34 0.00	58.65 1.16 -20.10	43.08 1.26 0.00	46.60 1.40 0.00	50.39 1.74 0.00	80.40 1.96 0.00	76.66 2.32 0.00	63.21 3.00 0.00	54.35 2.45 0.00	64.16 2.56 0.00	57.06 2.45 0.00	63.71 2.17 0.00	73.40 2.21 0.00	54.39 1.76 0.00	42.47 1.57 0.00	36.46 1.80 -0.09
INDIAN POINT___2 23530	40.68 1.50 0.00	47.66 1.08 -17.53	30.57 0.92 -4.02	26.75 0.89 -0.66	40.66 0.69 -16.25	32.11 0.93 0.00	32.63 0.94 0.00	48.15 1.12 -8.82	42.00 1.25 0.00	65.65 1.08 -27.18	42.99 1.18 0.00	46.51 1.31 0.00	50.29 1.63 0.00	80.23 1.79 0.00	76.50 2.16 0.00	63.06 2.86 0.00	54.22 2.32 0.00	63.99 2.39 0.00	56.93 2.32 0.00	63.56 2.03 0.00	73.24 2.06 0.00	54.27 1.65 0.00	42.38 1.48 0.00	36.42 1.73 -0.12
INDIAN POINT___3 23531	40.67 1.49 0.00	43.44 1.08 -13.31	29.61 0.94 -3.06	26.60 0.90 -0.50	36.75 0.70 -12.34	32.13 0.95 0.00	32.64 0.96 0.00	46.03 1.12 -6.69	41.99 1.24 0.00	59.09 1.08 -20.63	42.98 1.17 0.00	46.48 1.28 0.00	50.28 1.62 0.00	80.21 1.77 0.00	76.49 2.14 0.00	63.05 2.84 0.00	54.21 2.31 0.00	63.98 2.38 0.00	56.92 2.31 0.00	63.56 2.03 0.00	73.23 2.04 0.00	54.27 1.65 0.00	42.38 1.48 0.00	36.39 1.72 -0.09
INGHAM_C_115KV_TB7 356103	40.27 1.08 0.00	30.01 0.95 0.00	26.47 0.85 0.00	25.98 0.78 0.00	24.39 0.68 0.00	32.10 0.92 0.00	32.45 0.77 0.00	38.93 0.72 0.00	41.15 0.40 0.00	37.45 0.06 0.00	42.04 0.22 0.00	45.62 0.42 0.00	49.19 0.54 0.00	79.33 0.89 0.00	75.97 1.63 0.00	62.65 2.45 0.00	53.36 1.46 0.00	63.44 1.84 0.00	61.43 2.32 -4.49	70.15 2.33 -6.28	79.81 2.65 -5.98	57.15 2.38 -2.15	42.80 1.90 0.00	36.19 1.62 0.00
IP CORINTH___1 23988	41.84 2.66 0.00	32.61 1.87 -1.69	27.64 1.63 -0.39	26.85 1.60 -0.06	26.71 1.43 -1.57	33.23 2.06 0.00	33.74 2.06 0.00	41.51 2.45 -0.85	43.09 2.34 0.00	41.60 1.59 -2.62	44.00 2.19 0.00	47.48 2.28 0.00	51.23 2.58 0.00	83.86 5.41 0.00	80.07 5.74 0.00	65.69 5.49 0.00	56.32 4.41 0.00	66.75 5.14 0.00	59.68 5.07 0.00	67.23 5.69 0.00	77.41 6.22 0.00	59.86 4.66 -2.58	46.27 3.65 -1.73	37.56 2.98 -0.01

IP___TICONDEROGA 23804	44.32 5.14 0.00	34.09 3.33 -1.70	28.97 2.96 -0.39	28.19 2.93 -0.06	27.98 2.69 -1.58	35.37 4.18 0.00	35.91 4.23 0.00	44.22 5.16 -0.86	45.30 4.55 0.00	43.29 3.26 -2.64	46.62 4.80 0.00	50.30 5.09 0.00	54.38 5.73 0.00	88.44 9.99 0.00	85.84 11.50 0.00	70.37 10.17 0.00	59.23 7.33 0.00	70.15 8.55 0.00	63.27 8.65 0.00	71.40 9.86 0.00	81.35 10.16 0.00	63.60 8.29 -2.69	49.54 6.84 -1.80	40.17 5.59 -0.01
ISLIP_RES_REC 323679	91.32 3.03 -49.10	90.39 2.25 -59.08	51.83 1.95 -24.26	29.34 1.87 -2.28	35.60 1.54 -10.34	33.30 2.13 0.00	33.77 2.09 0.00	46.39 2.57 -5.61	43.80 3.05 0.00	63.72 2.91 -23.42	83.02 3.49 -37.71	87.80 3.70 -38.90	199.47 4.12 -146.70	139.35 5.32 -55.59	128.15 5.61 -48.20	95.36 5.89 -29.27	156.89 4.82 -100.16	215.45 5.23 -148.63	248.52 4.82 -189.09	73.84 5.05 -7.26	75.76 4.57 0.00	56.73 3.86 -0.25	46.67 3.29 -2.49	40.83 3.28 -2.98
JAMAICA__27_KV_LOAD 355505	41.42 2.24 0.00	41.65 1.54 -11.05	29.45 1.29 -2.54	26.89 1.27 -0.42	35.01 1.05 -10.25	32.57 1.39 0.00	33.17 1.49 0.00	45.48 1.72 -5.56	42.69 1.94 0.00	56.22 1.71 -17.14	43.57 1.76 0.00	47.18 1.97 0.00	50.95 2.29 0.00	81.21 2.76 0.00	77.52 3.18 0.00	63.97 3.77 0.00	54.96 3.06 0.00	64.79 3.20 0.00	57.58 2.97 0.00	64.25 2.71 0.00	74.08 2.89 0.00	55.09 2.22 -0.25	43.12 2.05 -0.17	36.89 2.24 -0.08
JANIS___SOLAR 323808	41.18 1.99 -0.01	30.45 1.40 0.00	26.80 1.18 0.00	26.25 1.05 0.00	24.80 1.09 0.00	32.75 1.57 0.00	33.46 1.78 0.00	41.21 2.24 -0.76	45.54 2.37 -2.41	39.73 2.09 -0.25	47.55 2.43 -3.30	53.79 2.88 -5.72	56.93 3.20 -5.08	84.28 4.79 -1.05	82.99 4.40 -4.26	67.61 4.38 -3.03	58.38 4.14 -2.33	69.43 4.78 -3.05	60.18 5.34 -0.23	68.08 6.55 0.00	79.15 7.97 0.00	58.40 5.78 0.00	44.98 4.08 0.00	37.61 3.04 0.00
JARVIS____ 23743	39.42 0.24 0.00	29.25 0.20 0.00	25.81 0.18 0.00	25.37 0.18 0.00	23.86 0.14 0.00	31.36 0.19 0.00	31.85 0.17 0.00	38.40 0.19 0.00	40.92 0.16 0.00	37.50 0.12 0.00	41.96 0.15 0.00	45.39 0.19 0.00	48.94 0.29 0.00	78.81 0.37 0.00	74.74 0.40 0.00	60.79 0.58 0.00	52.35 0.45 0.00	62.07 0.47 0.00	59.64 0.54 -4.49	68.38 0.56 -6.28	77.81 0.64 -5.98	55.33 0.56 -2.15	41.35 0.45 0.00	34.99 0.42 0.00
JENNISON___1 23625	40.81 1.62 -0.01	30.17 1.12 0.00	26.69 1.07 0.00	26.15 0.96 0.00	24.74 1.03 0.00	32.65 1.47 0.00	33.36 1.68 0.00	41.05 2.31 -0.54	45.12 2.67 -1.70	40.13 2.57 -0.18	47.18 3.04 -2.33	52.74 3.52 -4.03	56.17 3.94 -3.58	85.10 5.92 -0.74	82.89 5.55 -3.00	67.49 5.15 -2.13	58.25 4.70 -1.65	69.12 5.37 -2.15	60.11 5.33 -0.16	67.67 6.14 0.00	78.25 7.07 0.00	57.70 5.08 0.00	44.50 3.61 0.00	37.25 2.68 0.00
JENNISON___2 23626	40.81 1.62 -0.01	30.17 1.12 0.00	26.69 1.07 0.00	26.15 0.96 0.00	24.74 1.03 0.00	32.65 1.47 0.00	33.36 1.68 0.00	41.05 2.31 -0.54	45.12 2.67 -1.70	40.13 2.57 -0.18	47.18 3.04 -2.33	52.74 3.52 -4.03	56.17 3.94 -3.58	85.10 5.92 -0.74	82.89 5.55 -3.00	67.49 5.15 -2.13	58.25 4.70 -1.65	69.12 5.37 -2.15	60.11 5.33 -0.16	67.67 6.14 0.00	78.25 7.07 0.00	57.70 5.08 0.00	44.50 3.61 0.00	37.25 2.68 0.00
JERICHO_RISE_WT_PWR 323719	38.58 -0.60 0.00	28.49 -0.57 0.00	25.11 -0.51 0.00	24.70 -0.49 0.00	23.55 -0.17 0.00	30.95 -0.23 0.00	31.47 -0.21 0.00	38.09 -0.12 0.00	40.61 -0.15 0.00	37.18 -0.20 0.00	41.34 -0.48 0.00	44.37 -0.83 0.00	47.41 -1.24 0.00	76.57 -1.87 0.00	72.28 -2.06 0.00	57.76 -2.44 0.00	49.33 -2.57 0.00	58.69 -2.91 0.00	25.07 -3.00 26.55	21.06 -3.37 37.11	31.71 -4.18 35.29	37.31 -2.61 12.69	38.95 -1.95 0.00	32.76 -1.81 0.00
KATONAH___115KV_46KV_TB4 355592	41.09 1.90 0.00	37.17 1.37 -6.75	28.35 1.18 -1.55	26.58 1.13 -0.26	30.89 0.92 -6.26	32.44 1.26 0.00	32.97 1.28 0.00	43.15 1.54 -3.40	42.49 1.74 0.00	49.42 1.56 -10.47	43.57 1.75 0.00	47.17 1.97 0.00	51.05 2.40 0.00	81.54 3.10 0.00	77.79 3.46 0.00	64.17 3.96 0.00	55.17 3.27 0.00	65.14 3.54 0.00	57.90 3.29 0.00	64.65 3.11 0.00	74.34 3.16 0.00	55.29 2.42 -0.25	43.11 2.05 -0.17	36.79 2.17 -0.05
KCE_NY_1 323755	41.65 2.46 0.00	32.61 1.84 -1.71	27.62 1.61 -0.39	26.82 1.57 -0.06	26.72 1.42 -1.59	33.10 1.92 0.00	33.57 1.89 0.00	41.29 2.21 -0.86	42.94 2.19 0.00	41.74 1.70 -2.66	43.81 1.99 0.00	47.44 2.24 0.00	51.16 2.51 0.00	82.87 4.42 0.00	79.07 4.73 0.00	64.89 4.68 0.00	55.69 3.78 0.00	66.04 4.44 0.00	58.90 4.29 0.00	66.32 4.79 0.00	76.48 5.29 0.00	59.49 4.04 -2.84	45.97 3.16 -1.90	37.26 2.68 -0.01
KCE_NY_6_ESR 323823	39.56 0.38 0.00	29.20 0.15 0.00	25.68 0.07 0.00	25.06 -0.13 0.00	23.49 -0.23 0.00	31.18 0.00 0.00	31.91 0.23 0.00	38.59 0.38 0.00	42.14 1.39 0.00	39.07 1.69 0.00	44.71 2.89 0.00	48.62 3.42 0.00	52.52 3.87 0.00	83.69 5.24 0.00	78.68 4.33 0.00	64.41 4.20 0.00	56.00 4.09 0.00	65.63 4.03 0.00	59.24 4.63 0.00	67.55 6.02 0.00	78.73 7.54 0.00	58.56 5.93 -0.01	45.31 4.39 -0.02	37.83 3.26 0.00
KEDC_PORT_JEFF_GT2 24210	90.98 2.69 -49.10	90.14 2.01 -59.08	51.62 1.75 -24.26	29.14 1.67 -2.28	35.41 1.36 -10.34	33.04 1.86 0.00	33.50 1.82 0.00	46.03 2.21 -5.61	43.36 2.61 0.00	63.31 2.51 -23.42	82.54 3.02 -37.71	89.31 3.18 -40.93	224.25 3.51 -172.08	150.29 4.17 -67.68	136.66 4.37 -57.95	97.37 4.71 -32.45	171.87 3.76 -116.21	241.55 4.00 -175.95	281.54 3.78 -223.14	72.73 3.85 -7.34	74.38 3.20 0.00	55.86 2.99 -0.25	46.18 2.80 -2.49	40.49 2.94 -2.98
KEDC_PORT_JEFF_GT3 24211	90.98 2.69 -49.10	90.14 2.01 -59.08	51.62 1.75 -24.26	29.14 1.67 -2.28	35.41 1.36 -10.34	33.04 1.86 0.00	33.50 1.82 0.00	46.03 2.21 -5.61	43.36 2.61 0.00	63.31 2.51 -23.42	82.54 3.02 -37.71	89.31 3.18 -40.93	224.25 3.51 -172.08	150.29 4.17 -67.68	136.66 4.37 -57.95	97.37 4.71 -32.45	171.87 3.76 -116.21	241.55 4.00 -175.95	281.54 3.78 -223.14	72.73 3.85 -7.34	74.38 3.20 0.00	55.86 2.99 -0.25	46.18 2.80 -2.49	40.49 2.94 -2.98
KEDC_GLWD_GT4 24219	90.87 2.59 -49.10	89.99 1.86 -59.08	51.48 1.61 -24.26	29.00 1.53 -2.28	35.31 1.26 -10.34	32.89 1.71 0.00	33.36 1.68 0.00	45.78 1.96 -5.61	42.70 1.95 0.00	62.64 1.83 -23.42	81.70 2.18 -37.71	77.43 2.42 -29.81	85.12 2.90 -33.57	83.78 3.60 -1.74	83.39 4.06 -4.99	79.86 4.55 -15.10	84.34 3.77 -28.67	92.56 4.08 -26.88	95.69 3.75 -37.33	71.89 3.45 -6.90	74.22 3.04 0.00	55.41 2.54 -0.25	45.58 2.19 -2.49	39.95 2.40 -2.98
KEDC_GLWD_GT5 24220	90.87 2.59 -49.10	89.99 1.86 -59.08	51.48 1.61 -24.26	29.00 1.53 -2.28	35.31 1.26 -10.34	32.89 1.71 0.00	33.36 1.68 0.00	45.78 1.96 -5.61	42.70 1.95 0.00	62.64 1.83 -23.42	81.70 2.18 -37.71	77.43 2.42 -29.81	85.12 2.90 -33.57	83.78 3.60 -1.74	83.39 4.06 -4.99	79.86 4.55 -15.10	84.34 3.77 -28.67	92.56 4.08 -26.88	95.69 3.75 -37.33	71.89 3.45 -6.90	74.22 3.04 0.00	55.41 2.54 -0.25	45.58 2.19 -2.49	39.95 2.40 -2.98

KENSICO____ 23655	40.88 1.69 0.00	42.07 1.22 -11.79	29.39 1.06 -2.71	26.66 1.02 -0.45	35.46 0.81 -10.93	32.27 1.10 0.00	32.79 1.11 0.00	45.47 1.33 -5.93	42.24 1.49 0.00	56.97 1.30 -18.28	43.23 1.42 0.00	46.75 1.55 0.00	50.54 1.89 0.00	80.64 2.20 0.00	76.88 2.54 0.00	63.39 3.18 0.00	54.50 2.59 0.00	64.33 2.73 0.00	57.19 2.58 0.00	63.86 2.33 0.00	73.52 2.33 0.00	54.74 1.87 -0.25	42.75 1.68 -0.17	36.57 1.92 -0.08
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	40.91 1.72 0.00	30.24 1.19 0.00	26.62 1.00 0.00	26.13 0.94 0.00	24.47 0.76 0.00	32.22 1.04 0.00	32.77 1.08 0.00	39.59 1.38 0.00	42.24 1.49 0.00	38.46 1.07 0.00	43.08 1.26 0.00	46.65 1.45 0.00	50.44 1.79 0.00	80.56 2.11 0.00	76.86 2.52 0.00	63.43 3.22 0.00	54.66 2.76 0.00	64.48 2.88 0.00	57.46 2.85 0.00	64.44 2.91 0.00	74.36 3.17 0.00	54.89 2.72 0.46	42.74 2.15 0.31	36.63 2.06 0.00
KIAC_JFK_GT1 23816	41.01 1.83 0.00	41.44 1.33 -11.05	29.29 1.13 -2.54	26.73 1.12 -0.42	34.86 0.90 -10.25	32.38 1.19 0.00	32.93 1.25 0.00	45.08 1.31 -5.56	42.25 1.50 0.00	55.81 1.29 -17.14	43.09 1.28 0.00	46.64 1.43 0.00	50.36 1.71 0.00	80.32 1.88 0.00	76.65 2.31 0.00	63.24 3.03 0.00	54.34 2.44 0.00	64.06 2.46 0.00	56.90 2.29 0.00	63.47 1.94 0.00	73.19 2.00 0.00	54.42 1.55 -0.25	42.61 1.54 -0.17	36.50 1.85 -0.08
KIAC_JFK_GT2 23817	41.01 1.83 0.00	41.44 1.33 -11.05	29.29 1.13 -2.54	26.73 1.12 -0.42	34.86 0.90 -10.25	32.38 1.19 0.00	32.93 1.25 0.00	45.08 1.31 -5.56	42.25 1.50 0.00	55.81 1.29 -17.14	43.09 1.28 0.00	46.64 1.43 0.00	50.36 1.71 0.00	80.32 1.88 0.00	76.65 2.31 0.00	63.24 3.03 0.00	54.34 2.44 0.00	64.06 2.46 0.00	56.90 2.29 0.00	63.47 1.94 0.00	73.19 2.00 0.00	54.42 1.55 -0.25	42.61 1.54 -0.17	36.50 1.85 -0.08
KIAC_JFK____ 323774	41.01 1.83 0.00	41.44 1.34 -11.05	29.29 1.13 -2.54	26.73 1.12 -0.42	34.86 0.90 -10.25	32.38 1.20 0.00	32.92 1.24 0.00	45.08 1.31 -5.56	42.25 1.50 0.00	55.81 1.29 -17.14	43.10 1.28 0.00	46.64 1.43 0.00	50.36 1.71 0.00	80.32 1.88 0.00	76.66 2.32 0.00	63.23 3.03 0.00	54.34 2.44 0.00	64.06 2.46 0.00	56.90 2.29 0.00	63.47 1.94 0.00	73.19 2.00 0.00	54.41 1.54 -0.25	42.60 1.54 -0.17	36.50 1.85 -0.08
KINTIGH____ 23543	38.73 -0.45 0.00	28.66 -0.39 0.00	25.27 -0.35 0.00	24.71 -0.48 0.00	23.15 -0.56 0.00	30.66 -0.52 0.00	31.30 -0.39 0.00	37.74 -0.47 0.00	41.04 0.29 0.00	37.99 0.60 0.00	43.28 1.46 0.00	46.95 1.75 0.00	50.69 2.04 0.00	80.95 2.50 0.00	75.98 1.64 0.00	62.05 1.85 0.00	53.92 2.02 0.00	63.32 1.72 0.00	57.08 2.47 0.00	65.08 3.54 0.00	75.64 4.45 0.00	56.38 3.76 0.00	43.74 2.83 -0.01	36.62 2.05 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	39.26 0.08 0.00	29.03 -0.03 0.00	25.60 -0.02 0.00	25.15 -0.04 0.00	23.97 0.26 0.00	31.55 0.38 0.00	32.06 0.38 0.00	38.75 0.54 0.00	41.18 0.43 0.00	37.59 0.20 0.00	41.84 0.02 0.00	45.00 -0.20 0.00	48.20 -0.46 0.00	77.26 -1.19 0.00	72.66 -1.68 0.00	58.24 -1.97 0.00	49.73 -2.17 0.00	59.07 -2.53 0.00	29.36 -2.50 22.75	26.85 -2.88 31.80	37.41 -3.53 30.25	40.20 -1.54 10.88	39.88 -1.01 0.00	33.52 -1.06 0.00
LACHUTE____HYDRO 323717	44.32 5.14 0.00	34.09 3.33 -1.70	28.97 2.96 -0.39	28.19 2.93 -0.06	27.98 2.69 -1.58	35.37 4.19 0.00	35.91 4.23 0.00	44.22 5.16 -0.86	45.30 4.55 0.00	43.28 3.26 -2.64	46.61 4.80 0.00	50.29 5.09 0.00	54.38 5.73 0.00	88.44 9.99 0.00	85.83 11.50 0.00	70.37 10.17 0.00	59.23 7.33 0.00	70.15 8.55 0.00	63.26 8.65 0.00	71.40 9.87 0.00	81.35 10.16 0.00	63.60 8.29 -2.69	49.55 6.85 -1.80	40.17 5.59 -0.01
LAWRNCAL_115KV_TB1 80681	38.61 -0.57 0.00	28.43 -0.63 0.00	25.03 -0.59 0.00	24.62 -0.57 0.00	23.37 -0.34 0.00	30.72 -0.46 0.00	31.36 -0.33 0.00	37.82 -0.39 0.00	40.03 -0.72 0.00	36.75 -0.64 0.00	40.83 -0.99 0.00	43.81 -1.39 0.00	46.82 -1.84 0.00	76.39 -2.06 0.00	72.54 -1.81 0.00	57.08 -3.13 0.00	49.20 -2.70 0.00	58.68 -2.91 0.00	-13.40 -2.97 65.04	-32.43 -3.04 90.92	-18.44 -3.15 86.49	19.41 -2.10 31.11	39.48 -1.43 0.00	33.21 -1.36 0.00
LEDERLE____ 23769	40.80 1.62 0.00	14.13 1.16 16.08	22.92 1.00 3.69	25.54 0.96 0.61	9.55 0.75 14.91	32.20 1.02 0.00	32.71 1.03 0.00	31.34 1.22 8.09	42.13 1.38 0.00	13.67 1.22 24.94	43.18 1.37 0.00	46.75 1.54 0.00	50.59 1.94 0.00	80.78 2.33 0.00	77.02 2.68 0.00	63.52 3.31 0.00	54.63 2.72 0.00	64.46 2.87 0.00	57.36 2.75 0.00	64.03 2.49 0.00	73.76 2.57 0.00	54.61 1.99 0.00	42.59 1.69 0.00	36.31 1.85 0.11
LIGHTHSE_115KV_TB6 355974	39.36 0.15 -0.03	28.97 -0.09 0.00	25.54 -0.08 0.00	25.01 -0.18 0.00	23.52 -0.20 0.00	31.02 -0.16 0.00	31.79 0.10 0.00	40.61 0.25 -2.15	47.89 0.34 -6.80	38.49 0.39 -0.72	51.67 0.56 -9.30	62.13 0.83 -16.10	64.11 1.14 -14.31	83.04 1.65 -2.95	87.94 1.61 -11.99	70.12 1.37 -8.54	59.60 1.12 -6.58	71.40 1.22 -8.58	79.51 1.55 -23.35	95.36 2.09 -31.73	104.09 2.71 -30.18	65.48 2.00 -10.86	42.34 1.44 0.00	35.48 0.91 0.00
LINDEN COGEN____ 23786	40.78 1.60 0.00	33.43 1.10 -3.27	29.11 0.95 -2.54	26.53 0.91 -0.42	25.60 0.69 -1.19	32.12 0.94 0.00	32.66 0.98 0.00	39.26 1.20 0.14	42.10 1.36 0.01	42.21 1.22 -3.61	43.10 1.29 0.00	46.36 1.34 0.17	50.22 1.57 0.00	75.37 1.64 4.71	72.42 2.05 3.96	61.68 2.82 1.35	47.12 2.24 7.02	52.47 2.25 11.38	56.78 2.17 0.00	63.30 1.77 0.00	62.18 1.68 10.69	48.09 1.35 5.88	42.44 1.37 -0.17	36.44 1.79 -0.08
LINDHRST_69_KV_BK1 356055	91.08 2.80 -49.10	90.21 2.08 -59.08	51.70 1.83 -24.25	29.21 1.74 -2.28	35.48 1.43 -10.34	33.13 1.95 0.00	33.61 1.93 0.00	46.11 2.30 -5.61	43.42 2.67 0.00	63.31 2.51 -23.42	82.42 2.89 -37.71	78.93 3.08 -30.65	96.13 3.48 -43.99	89.50 4.36 -6.70	88.03 4.74 -8.95	81.82 5.22 -16.40	91.45 4.29 -35.25	104.44 4.75 -38.10	110.36 4.44 -51.31	72.97 4.51 -6.93	75.36 4.17 0.00	56.39 3.52 -0.25	46.35 2.97 -2.49	40.57 3.02 -2.98
LIPA_MISC_IPP 23656	90.94 2.66 -49.10	90.11 1.99 -59.08	51.58 1.72 -24.25	29.11 1.64 -2.28	35.39 1.33 -10.34	33.00 1.82 0.00	33.48 1.79 0.00	46.00 2.18 -5.61	43.32 2.57 0.00	63.26 2.46 -23.42	82.48 2.96 -37.71	87.50 3.10 -39.20	202.54 3.46 -150.43	140.10 4.29 -57.36	128.50 4.69 -49.47	95.06 5.12 -29.74	158.57 4.15 -102.52	218.70 4.46 -152.64	252.98 4.29 -194.09	73.32 4.52 -7.27	75.14 3.95 0.00	56.23 3.36 -0.25	46.29 2.90 -2.49	40.50 2.95 -2.98
LISF____SOLAR 323691	91.05 2.76 -49.10	90.20 2.06 -59.08	51.66 1.78 -24.26	29.17 1.70 -2.28	35.44 1.39 -10.34	33.09 1.91 0.00	33.56 1.88 0.00	46.10 2.29 -5.61	43.43 2.68 0.00	63.36 2.56 -23.42	82.59 3.07 -37.71	87.75 3.21 -39.33	204.36 3.59 -152.11	141.08 4.47 -58.17	129.39 4.90 -50.15	95.46 5.30 -29.95	159.79 4.31 -103.58	220.72 4.66 -154.46	255.48 4.52 -196.35	73.60 4.78 -7.28	75.43 4.24 0.00	56.44 3.57 -0.25	46.43 3.04 -2.49	40.62 3.07 -2.98

LITTLE FALLS___HYD 24013	40.27 1.08 0.00	30.01 0.95 0.00	26.47 0.85 0.00	25.98 0.78 0.00	24.39 0.68 0.00	32.10 0.92 0.00	32.45 0.77 0.00	38.93 0.72 0.00	41.15 0.40 0.00	37.45 0.06 0.00	42.04 0.22 0.00	45.62 0.42 0.00	49.19 0.54 0.00	79.33 0.89 0.00	75.97 1.63 0.00	62.65 2.45 0.00	53.36 1.46 0.00	63.44 1.84 0.00	61.43 2.32 -4.49	70.15 2.33 -6.28	79.81 2.65 -5.98	57.15 2.38 -2.15	42.80 1.90 0.00	36.19 1.62 0.00
LITTLRIV_115KV_TB1 356100	39.21 0.03 0.00	28.85 -0.20 0.00	25.39 -0.22 0.00	24.98 -0.21 0.00	23.72 0.01 0.00	31.22 0.04 0.00	31.88 0.20 0.00	38.70 0.23 -0.26	41.46 -0.12 -0.83	37.39 -0.08 -0.09	42.49 -0.46 -1.14	46.35 -0.81 -1.96	49.12 -1.28 -1.74	77.65 -1.16 -0.36	74.77 -1.03 -1.46	58.88 -2.36 -1.04	50.67 -2.04 -0.80	60.77 -1.87 -1.05	-17.10 -2.10 69.62	-37.91 -2.01 97.43	-23.10 -1.61 92.68	18.26 -1.03 33.33	40.24 -0.67 0.00	33.76 -0.80 0.00
LI_NEWBRDGE___DRP 323616	90.41 2.13 -49.10	89.68 1.55 -59.08	51.23 1.36 -24.25	28.77 1.30 -2.28	35.09 1.03 -10.34	32.59 1.41 0.00	33.05 1.36 0.00	45.38 1.57 -5.61	42.55 1.79 0.00	62.48 1.68 -23.42	81.47 1.95 -37.71	77.10 2.09 -29.81	84.67 2.45 -33.57	82.96 2.78 -1.74	82.53 3.21 -4.99	79.15 3.85 -15.10	83.70 3.13 -28.67	91.83 3.35 -26.88	95.08 3.15 -37.33	71.38 2.95 -6.90	73.66 2.47 0.00	55.06 2.19 -0.25	45.37 1.99 -2.49	39.82 2.27 -2.98
LOCKPORT_115KV_TB60_63_64 80432	38.88 -0.30 0.00	28.73 -0.32 0.00	25.30 -0.31 0.00	24.71 -0.49 0.00	23.13 -0.58 0.00	30.68 -0.50 0.00	31.36 -0.33 0.00	37.71 -0.50 0.00	41.14 0.39 0.00	38.16 0.77 0.00	43.61 1.80 0.00	47.23 2.03 0.00	51.08 2.43 0.00	81.41 2.96 0.00	76.34 2.00 0.00	62.50 2.29 0.00	54.40 2.50 0.00	63.78 2.17 0.00	57.63 3.02 0.00	65.89 4.36 0.00	76.68 5.49 0.00	57.31 4.66 -0.02	44.51 3.56 -0.05	37.25 2.68 0.00
LOCKPORT___CC1 323769	38.68 -0.50 0.00	28.60 -0.45 0.00	25.19 -0.43 0.00	24.59 -0.60 0.00	23.03 -0.69 0.00	30.54 -0.64 0.00	31.21 -0.47 0.00	37.54 -0.67 0.00	40.97 0.21 0.00	38.00 0.62 0.00	43.43 1.62 0.00	47.03 1.83 0.00	50.88 2.23 0.00	81.08 2.64 0.00	75.97 1.63 0.00	62.20 1.99 0.00	54.16 2.26 0.00	63.46 1.86 0.00	57.34 2.73 0.00	65.58 4.04 0.00	76.31 5.13 0.00	57.04 4.39 -0.02	44.30 3.36 -0.04	37.06 2.49 0.00
LOCKPORT___CC2 323770	38.68 -0.50 0.00	28.60 -0.45 0.00	25.19 -0.43 0.00	24.59 -0.60 0.00	23.03 -0.69 0.00	30.54 -0.64 0.00	31.21 -0.47 0.00	37.54 -0.67 0.00	40.97 0.21 0.00	38.00 0.62 0.00	43.43 1.62 0.00	47.03 1.83 0.00	50.88 2.23 0.00	81.08 2.64 0.00	75.97 1.63 0.00	62.20 1.99 0.00	54.16 2.26 0.00	63.46 1.86 0.00	57.34 2.73 0.00	65.58 4.04 0.00	76.31 5.13 0.00	57.04 4.39 -0.02	44.30 3.36 -0.04	37.06 2.49 0.00
LOCKPORT___CC3 323771	38.68 -0.50 0.00	28.60 -0.45 0.00	25.19 -0.43 0.00	24.59 -0.60 0.00	23.03 -0.69 0.00	30.54 -0.64 0.00	31.21 -0.47 0.00	37.54 -0.67 0.00	40.97 0.21 0.00	38.00 0.62 0.00	43.43 1.62 0.00	47.03 1.83 0.00	50.88 2.23 0.00	81.08 2.64 0.00	75.97 1.63 0.00	62.20 1.99 0.00	54.16 2.26 0.00	63.46 1.86 0.00	57.34 2.73 0.00	65.58 4.04 0.00	76.31 5.13 0.00	57.04 4.39 -0.02	44.30 3.36 -0.04	37.06 2.49 0.00
LONG_LAKE_PHOENIX 24014	38.82 -0.40 -0.04	28.72 -0.34 0.00	25.29 -0.33 0.00	24.84 -0.36 0.00	23.37 -0.35 0.00	30.75 -0.43 0.00	31.31 -0.37 0.00	40.82 -0.41 -3.02	49.95 -0.35 -9.55	38.16 -0.24 -1.01	54.80 -0.09 -13.07	67.95 0.12 -22.63	69.08 0.32 -20.11	82.87 0.28 -4.14	91.49 0.29 -16.86	72.74 0.53 -12.00	61.66 0.52 -9.25	74.18 0.52 -12.06	63.09 0.44 -8.04	72.33 0.85 -9.96	81.63 0.97 -9.47	56.76 0.73 -3.41	41.35 0.45 0.00	34.82 0.24 0.00
LOVETT___3 23632	40.50 1.32 0.00	13.27 0.96 16.74	22.61 0.84 3.84	25.37 0.81 0.63	8.80 0.61 15.52	32.01 0.83 0.00	32.50 0.81 0.00	30.73 0.94 8.42	41.80 1.04 0.00	12.32 0.90 25.96	42.79 0.97 0.00	46.30 1.10 0.00	50.08 1.43 0.00	79.93 1.48 0.00	76.20 1.86 0.00	62.83 2.63 0.00	54.02 2.12 0.00	63.75 2.15 0.00	56.73 2.12 0.00	63.33 1.79 0.00	72.99 1.80 0.00	54.07 1.45 0.00	42.20 1.31 0.00	36.01 1.55 0.12
LOVETT___4 23642	40.50 1.32 0.00	13.27 0.96 16.74	22.61 0.84 3.84	25.37 0.81 0.63	8.80 0.61 15.52	32.01 0.83 0.00	32.50 0.81 0.00	30.73 0.94 8.42	41.80 1.04 0.00	12.32 0.90 25.96	42.79 0.97 0.00	46.30 1.10 0.00	50.08 1.43 0.00	79.93 1.48 0.00	76.20 1.86 0.00	62.83 2.63 0.00	54.02 2.12 0.00	63.75 2.15 0.00	56.73 2.12 0.00	63.33 1.79 0.00	72.99 1.80 0.00	54.07 1.45 0.00	42.20 1.31 0.00	36.01 1.55 0.12
LOVETT___5 23593	40.50 1.32 0.00	13.27 0.96 16.74	22.61 0.84 3.84	25.37 0.81 0.63	8.80 0.61 15.52	32.01 0.83 0.00	32.50 0.81 0.00	30.73 0.94 8.42	41.80 1.04 0.00	12.32 0.90 25.96	42.79 0.97 0.00	46.30 1.10 0.00	50.08 1.43 0.00	79.93 1.48 0.00	76.20 1.86 0.00	62.83 2.63 0.00	54.02 2.12 0.00	63.75 2.15 0.00	56.73 2.12 0.00	63.33 1.79 0.00	72.99 1.80 0.00	54.07 1.45 0.00	42.20 1.31 0.00	36.01 1.55 0.12
LOWER RAQUET___HYD 24057	38.67 -0.52 0.00	28.45 -0.61 0.00	25.05 -0.57 0.00	24.63 -0.56 0.00	23.37 -0.34 0.00	30.75 -0.43 0.00	31.40 -0.28 0.00	38.13 -0.36 -0.28	40.87 -0.77 -0.89	36.80 -0.68 -0.09	41.98 -1.05 -1.21	45.81 -1.49 -2.09	48.56 -1.96 -1.86	76.56 -2.27 -0.38	73.89 -2.01 -1.56	58.06 -3.25 -1.11	49.94 -2.82 -0.85	59.66 -3.05 -1.12	-22.46 -3.08 73.99	-45.13 -3.12 103.54	-30.46 -3.16 98.49	15.13 -2.06 35.42	39.56 -1.34 0.00	33.29 -1.28 0.00
LOWER___HUDSON 24059	40.90 1.72 0.00	32.29 1.38 -1.86	27.28 1.23 -0.43	26.49 1.23 -0.07	26.53 1.08 -1.73	32.61 1.43 0.00	33.01 1.33 0.00	40.61 1.46 -0.94	42.06 1.31 0.00	41.20 0.93 -2.89	42.78 0.96 0.00	46.27 1.06 0.00	50.03 1.37 0.00	80.54 2.10 0.00	76.78 2.44 0.00	63.05 2.85 0.00	54.23 2.33 0.00	64.21 2.61 0.00	57.21 2.60 0.00	64.29 2.75 0.00	74.21 3.02 0.00	59.69 2.50 -4.57	46.05 2.09 -3.07	36.47 1.89 -0.01
LOWVILLE_115KV_TB2 356335	40.38 1.19 -0.01	29.43 0.38 0.00	26.02 0.40 0.00	25.38 0.18 0.00	23.80 0.09 0.00	31.51 0.32 0.00	32.64 0.96 0.00	40.19 1.34 -0.64	44.37 1.58 -2.04	38.98 1.38 -0.21	46.18 1.59 -2.79	51.76 1.73 -4.82	55.02 2.09 -4.29	82.94 3.61 -0.88	81.55 3.62 -3.59	65.48 2.72 -2.56	56.17 2.30 -1.97	66.67 2.50 -2.57	118.52 2.97 -60.93	150.50 4.06 -84.91	157.16 5.21 -80.76	85.21 3.54 -29.05	43.51 2.61 0.00	36.28 1.71 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	41.64 2.45 0.00	32.60 1.83 -1.71	27.62 1.61 -0.39	26.83 1.57 -0.06	26.73 1.42 -1.59	33.10 1.92 0.00	33.57 1.89 0.00	41.25 2.18 -0.86	42.88 2.13 0.00	41.70 1.66 -2.66	43.76 1.94 0.00	47.35 2.15 0.00	51.14 2.48 0.00	82.76 4.31 0.00	78.95 4.62 0.00	64.79 4.59 0.00	55.62 3.72 0.00	65.94 4.34 0.00	58.80 4.19 0.00	66.18 4.65 0.00	76.39 5.21 0.00	59.43 3.97 -2.84	45.93 3.13 -1.90	37.24 2.65 -0.01

LUTHERNY_35_KV_BK2 355980	41.65 2.46 0.00	32.61 1.84 -1.71	27.62 1.61 -0.39	26.82 1.57 -0.06	26.72 1.42 -1.59	33.10 1.92 0.00	33.57 1.89 0.00	41.29 2.22 -0.86	42.94 2.19 0.00	41.74 1.70 -2.66	43.81 1.99 0.00	47.45 2.24 0.00	51.17 2.52 0.00	82.87 4.43 0.00	79.07 4.73 0.00	64.89 4.68 0.00	55.69 3.78 0.00	66.04 4.44 0.00	58.90 4.29 0.00	66.32 4.79 0.00	76.47 5.29 0.00	59.50 4.04 -2.84	45.96 3.16 -1.90	37.26 2.68 -0.01
LWR___OSWEGATCHIE_HYD 23850	39.58 0.39 -0.01	28.98 -0.07 0.00	25.57 -0.05 0.00	25.04 -0.16 0.00	23.62 -0.09 0.00	31.17 -0.01 0.00	32.08 0.39 0.00	39.33 0.56 -0.55	42.95 0.45 -1.75	37.98 0.41 -0.18	44.54 0.33 -2.40	49.61 0.26 -4.15	52.57 0.23 -3.69	80.02 0.82 -0.76	78.41 0.98 -3.09	62.37 -0.04 -2.20	53.52 -0.07 -1.69	63.82 0.01 -2.21	199.65 0.23 -144.81	264.55 0.82 -202.19	265.05 1.54 -192.33	122.87 1.07 -69.17	41.75 0.86 0.00	34.94 0.37 0.00
LYONS_FALL_HYD 23570	40.44 1.25 -0.01	29.64 0.59 0.00	26.18 0.55 0.00	25.59 0.40 0.00	24.03 0.32 0.00	31.75 0.56 0.00	32.67 0.99 0.00	40.01 1.33 -0.47	43.79 1.56 -1.49	38.93 1.39 -0.16	45.44 1.59 -2.04	50.48 1.76 -3.52	53.88 2.10 -3.13	82.67 3.58 -0.65	80.41 3.45 -2.62	64.87 2.80 -1.87	55.70 2.36 -1.44	66.12 2.64 -1.88	97.85 2.88 -40.36	121.47 3.73 -56.21	129.33 4.67 -53.47	75.09 3.24 -19.23	43.26 2.37 0.00	36.21 1.64 0.00
MADISON___COUNTY_LFGE 323628	40.78 1.59 -0.01	30.13 1.07 0.00	26.54 0.92 0.00	26.03 0.84 0.00	24.48 0.76 0.00	32.26 1.08 0.00	32.91 1.23 0.00	40.28 1.58 -0.49	44.12 1.81 -1.56	39.23 1.68 -0.16	45.87 1.91 -2.14	51.08 2.17 -3.70	54.57 2.62 -3.29	83.44 4.32 -0.68	80.91 3.81 -2.76	65.59 3.42 -1.96	56.17 2.75 -1.51	66.70 3.12 -1.97	70.01 3.17 -12.23	82.11 3.68 -16.89	91.80 4.55 -16.06	61.63 3.23 -5.78	43.20 2.30 0.00	36.33 1.76 0.00
MALONE___115KV_TB1 356076	39.09 -0.10 0.00	28.82 -0.24 0.00	25.38 -0.24 0.00	24.96 -0.23 0.00	23.79 0.07 0.00	31.25 0.07 0.00	31.83 0.14 0.00	38.56 0.35 0.00	41.03 0.28 0.00	37.59 0.21 0.00	41.82 0.00 0.00	44.90 -0.31 0.00	48.02 -0.63 0.00	77.52 -0.92 0.00	73.38 -0.96 0.00	58.53 -1.67 0.00	50.04 -1.86 0.00	59.58 -2.02 0.00	13.95 -2.18 38.48	5.47 -2.27 53.79	17.32 -2.70 51.16	32.78 -1.43 18.40	39.82 -1.08 0.00	33.42 -1.15 0.00
MAPLEWOD_115KV_TB3 80458	40.81 1.63 0.00	32.24 1.35 -1.84	27.26 1.21 -0.42	26.48 1.22 -0.07	26.48 1.06 -1.70	32.54 1.36 0.00	32.94 1.26 0.00	40.49 1.35 -0.92	42.01 1.26 0.00	41.20 0.97 -2.85	42.78 0.96 0.00	46.24 1.04 0.00	50.02 1.36 0.00	80.48 2.03 0.00	76.74 2.40 0.00	63.04 2.83 0.00	54.20 2.30 0.00	64.15 2.55 0.00	57.06 2.45 0.00	64.10 2.56 0.00	74.05 2.86 0.00	59.89 2.38 -4.89	46.12 1.94 -3.28	36.37 1.79 -0.01
MAPLE_RIDGE_WT_1 323574	38.71 -0.47 0.00	28.60 -0.45 0.00	25.26 -0.36 0.00	24.78 -0.41 0.00	23.31 -0.41 0.00	30.70 -0.47 0.00	31.30 -0.38 0.00	37.85 -0.36 0.00	40.36 -0.39 0.00	37.01 -0.38 0.00	41.45 -0.36 0.00	44.82 -0.38 0.00	48.25 -0.41 0.00	77.96 -0.48 0.00	73.82 -0.53 0.00	59.54 -0.67 0.00	51.32 -0.58 0.00	60.82 -0.78 0.00	48.46 -0.65 5.50	53.28 -0.57 7.69	63.13 -0.75 7.31	49.36 -0.63 2.63	40.43 -0.47 0.00	34.11 -0.47 0.00
MAPLE_RIDGE_WT_2 323611	38.71 -0.47 0.00	28.60 -0.45 0.00	25.26 -0.36 0.00	24.78 -0.41 0.00	23.31 -0.41 0.00	30.70 -0.47 0.00	31.30 -0.38 0.00	37.85 -0.36 0.00	40.36 -0.39 0.00	37.01 -0.38 0.00	41.45 -0.36 0.00	44.82 -0.38 0.00	48.25 -0.41 0.00	77.96 -0.48 0.00	73.82 -0.53 0.00	59.54 -0.67 0.00	51.32 -0.58 0.00	60.82 -0.78 0.00	48.46 -0.65 5.50	53.28 -0.57 7.69	63.13 -0.75 7.31	49.36 -0.63 2.63	40.43 -0.47 0.00	34.11 -0.47 0.00
MARBLE_RIVER_WT_PWR 323696	38.71 -0.47 0.00	28.59 -0.46 0.00	25.21 -0.41 0.00	24.79 -0.40 0.00	23.61 -0.10 0.00	31.07 -0.11 0.00	31.60 -0.09 0.00	38.21 0.00 0.00	40.68 -0.07 0.00	37.21 -0.18 0.00	41.39 -0.42 0.00	44.43 -0.77 0.00	47.51 -1.14 0.00	76.60 -1.84 0.00	72.27 -2.07 0.00	57.78 -2.42 0.00	49.33 -2.57 0.00	58.61 -2.99 0.00	30.17 -3.00 21.43	28.16 -3.42 29.96	38.44 -4.25 28.50	39.85 -2.52 10.25	39.08 -1.82 0.00	32.85 -1.72 0.00
MARSHVLE_115KV_TB1 80742	41.95 2.77 0.00	30.91 1.86 0.00	27.22 1.60 0.00	26.73 1.54 0.00	25.17 1.45 0.00	33.17 1.99 0.00	33.78 2.10 0.00	40.73 2.52 0.00	43.42 2.67 0.00	39.88 2.49 0.00	45.13 3.32 0.00	48.56 3.36 0.00	52.39 3.74 0.00	84.68 6.24 0.00	80.41 6.07 0.00	64.74 4.54 0.00	55.56 3.66 0.00	66.45 4.85 0.00	59.38 4.77 0.00	67.06 5.53 0.00	77.74 6.55 0.00	58.94 5.12 -1.19	45.31 3.62 -0.80	37.33 2.76 0.00
MARSH_HILL_WT_PWR 323713	39.59 0.40 0.00	28.83 -0.22 0.00	25.15 -0.47 0.00	24.71 -0.48 0.00	23.19 -0.53 0.00	30.79 -0.39 0.00	31.71 0.03 0.00	38.85 0.29 -0.35	43.03 1.18 -1.10	39.24 1.74 -0.12	45.96 2.64 -1.51	50.99 3.19 -2.60	54.55 3.58 -2.31	83.59 4.67 -0.48	80.73 4.46 -1.94	65.95 4.36 -1.38	57.11 4.14 -1.06	67.38 4.40 -1.39	59.44 4.73 -0.10	67.31 5.77 0.00	78.06 6.87 0.00	57.55 4.93 0.00	44.40 3.49 -0.01	37.03 2.46 0.00
MCINTYRE_115KV_TB2 80467	39.47 0.28 0.00	29.04 -0.02 0.00	25.54 -0.07 0.00	25.14 -0.05 0.00	23.89 0.17 0.00	31.43 0.25 0.00	32.07 0.39 0.00	38.67 0.46 0.00	40.88 0.12 0.00	37.52 0.14 0.00	41.56 -0.25 0.00	44.63 -0.57 0.00	47.63 -1.03 0.00	77.70 -0.74 0.00	73.61 -0.73 0.00	58.11 -2.10 0.00	50.15 -1.76 0.00	60.27 -1.32 0.00	-9.80 -1.75 62.66	-27.66 -1.60 87.59	-13.06 -0.93 83.32	22.06 -0.60 29.97	40.44 -0.46 0.00	33.90 -0.67 0.00
MECO_____69_KV_BK1 80468	43.63 4.45 0.00	32.28 3.22 0.00	28.45 2.83 0.00	27.91 2.72 0.00	26.22 2.51 0.00	34.55 3.37 0.00	34.83 3.14 0.00	40.77 2.56 0.00	43.16 2.41 0.00	39.16 1.78 0.00	44.13 2.32 0.00	47.26 2.06 0.00	50.65 2.00 0.00	81.75 3.31 0.00	81.74 7.40 0.00	67.22 7.01 0.00	58.34 6.44 0.00	69.96 8.37 0.00	64.21 9.60 0.00	71.09 9.56 0.00	82.79 11.61 0.00	62.34 8.37 -1.35	47.57 5.77 -0.90	39.10 4.53 0.00
MENANDS___115KV_TB5 355628	40.45 1.27 0.00	32.02 1.12 -1.84	27.07 1.03 -0.42	26.31 1.05 -0.07	26.32 0.89 -1.71	32.32 1.14 0.00	32.71 1.03 0.00	40.19 1.05 -0.93	41.67 0.91 0.00	40.90 0.66 -2.86	42.38 0.56 0.00	45.79 0.59 0.00	49.51 0.86 0.00	79.60 1.16 0.00	75.83 1.49 0.00	62.27 2.07 0.00	53.55 1.65 0.00	63.39 1.78 0.00	56.36 1.75 0.00	63.30 1.76 0.00	73.09 1.90 0.00	58.60 1.70 -4.27	45.23 1.46 -2.87	36.01 1.43 -0.01
MG INDUSTRY___DRP 24185	40.33 1.14 0.00	31.77 1.09 -1.63	27.02 1.03 -0.37	26.31 1.06 -0.06	26.15 0.92 -1.51	32.32 1.14 0.00	32.71 1.03 0.00	39.97 0.94 -0.82	41.52 0.77 0.00	40.44 0.53 -2.53	42.11 0.29 0.00	45.37 0.17 0.00	49.01 0.36 0.00	78.72 0.27 0.00	74.93 0.59 0.00	61.59 1.39 0.00	53.06 1.15 0.00	62.90 1.30 0.00	55.86 1.25 0.00	62.76 1.23 0.00	72.67 1.48 0.00	49.57 1.42 4.47	39.20 1.30 3.00	35.92 1.34 -0.01

MID___OSWEGATCHIE_HYD 23849	39.58 0.39 -0.01	28.98 -0.07 0.00	25.57 -0.05 0.00	25.04 -0.16 0.00	23.62 -0.09 0.00	31.17 -0.01 0.00	32.08 0.39 0.00	39.33 0.56 -0.55	42.95 0.45 -1.75	37.98 0.41 -0.18	44.54 0.33 -2.40	49.61 0.26 -4.15	52.57 0.23 -3.69	80.02 0.82 -0.76	78.41 0.98 -3.09	62.37 -0.04 -2.20	53.52 -0.07 -1.69	63.82 0.01 -2.21	199.65 0.23 -144.81	264.55 0.82 -202.19	265.05 1.54 -192.33	122.87 1.07 -69.17	41.75 0.86 0.00	34.94 0.37 0.00
MID___RAQUETTE_HYD 23851	38.67 -0.52 0.00	28.45 -0.61 0.00	25.05 -0.57 0.00	24.63 -0.56 0.00	23.37 -0.34 0.00	30.75 -0.43 0.00	31.40 -0.28 0.00	38.13 -0.36 -0.28	40.87 -0.77 -0.89	36.80 -0.68 -0.09	41.98 -1.05 -1.21	45.80 -1.49 -2.09	48.56 -1.95 -1.86	76.56 -2.27 -0.38	73.89 -2.01 -1.56	58.07 -3.24 -1.11	49.94 -2.81 -0.85	59.66 -3.05 -1.12	-22.46 -3.08 73.99	-45.13 -3.12 103.54	-30.46 -3.16 98.49	15.13 -2.06 35.42	39.56 -1.34 0.00	33.29 -1.28 0.00
MILLIKEN___1 23584	40.25 1.06 -0.01	29.79 0.74 0.00	26.20 0.58 0.00	25.67 0.48 0.00	24.21 0.49 0.00	31.93 0.75 0.00	32.56 0.88 0.00	40.38 1.14 -1.03	45.30 1.30 -3.25	39.01 1.28 -0.34	47.88 1.62 -4.44	54.82 1.93 -7.69	57.83 2.34 -6.83	83.15 3.30 -1.41	83.11 3.05 -5.73	67.29 3.00 -4.08	57.76 2.72 -3.14	68.73 3.03 -4.10	58.28 3.36 -0.31	65.63 4.10 0.00	76.22 5.03 0.00	56.27 3.65 0.00	43.50 2.60 0.00	36.55 1.98 0.00
MILLIKEN___2 23585	40.25 1.06 -0.01	29.79 0.74 0.00	26.20 0.58 0.00	25.67 0.48 0.00	24.21 0.49 0.00	31.93 0.75 0.00	32.56 0.88 0.00	40.38 1.14 -1.03	45.30 1.30 -3.25	39.01 1.28 -0.34	47.88 1.62 -4.44	54.82 1.93 -7.69	57.83 2.34 -6.83	83.15 3.30 -1.41	83.11 3.05 -5.73	67.29 3.00 -4.08	57.76 2.72 -3.14	68.73 3.03 -4.10	58.28 3.36 -0.31	65.63 4.10 0.00	76.22 5.03 0.00	56.27 3.65 0.00	43.50 2.60 0.00	36.55 1.98 0.00
MILLIKEN___DIESEL 23629	40.25 1.06 -0.01	29.79 0.74 0.00	26.20 0.58 0.00	25.67 0.48 0.00	24.21 0.49 0.00	31.93 0.75 0.00	32.56 0.88 0.00	40.38 1.14 -1.03	45.30 1.30 -3.25	39.01 1.28 -0.34	47.88 1.62 -4.44	54.82 1.93 -7.69	57.83 2.34 -6.83	83.15 3.30 -1.41	83.11 3.05 -5.73	67.29 3.00 -4.08	57.76 2.72 -3.14	68.73 3.03 -4.10	58.28 3.36 -0.31	65.63 4.10 0.00	76.22 5.03 0.00	56.27 3.65 0.00	43.50 2.60 0.00	36.55 1.98 0.00
MILLSEAT___LFGE 323607	39.88 0.70 0.00	29.45 0.39 0.00	25.91 0.29 0.00	25.30 0.11 0.00	23.72 0.00 0.00	31.45 0.27 0.00	32.16 0.48 0.00	38.78 0.57 0.00	42.24 1.49 0.00	39.25 1.86 0.00	44.68 2.86 0.00	48.17 2.96 0.00	52.05 3.40 0.00	83.00 4.56 0.00	77.77 3.43 0.00	63.78 3.58 0.00	55.59 3.69 0.00	65.30 3.70 0.00	58.89 4.28 0.00	67.33 5.80 0.00	78.36 7.17 0.00	58.63 5.88 -0.13	45.72 4.73 -0.09	38.14 3.56 -0.01
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	40.79 1.61 0.00	42.55 1.17 -12.34	29.47 1.01 -2.83	26.63 0.97 -0.47	35.92 0.77 -11.44	32.22 1.04 0.00	32.73 1.05 0.00	45.66 1.25 -6.20	42.14 1.39 0.00	57.73 1.22 -19.12	43.13 1.31 0.00	46.66 1.45 0.00	50.44 1.79 0.00	80.49 2.04 0.00	76.72 2.39 0.00	63.26 3.06 0.00	54.39 2.49 0.00	64.21 2.62 0.00	57.10 2.49 0.00	63.76 2.23 0.00	73.43 2.24 0.00	54.41 1.79 0.00	42.51 1.61 0.00	36.50 1.84 -0.09
MILLWOOD_13_KV_LOAD 356217	40.92 1.74 0.00	42.65 1.26 -12.34	29.54 1.09 -2.83	26.71 1.04 -0.47	35.99 0.84 -11.44	32.31 1.13 0.00	32.82 1.14 0.00	45.79 1.37 -6.20	42.29 1.54 0.00	57.87 1.36 -19.12	43.31 1.50 0.00	46.85 1.65 0.00	50.68 2.03 0.00	80.89 2.45 0.00	77.14 2.80 0.00	63.61 3.40 0.00	54.69 2.79 0.00	64.57 2.97 0.00	57.41 2.80 0.00	64.09 2.55 0.00	73.79 2.60 0.00	54.66 2.04 0.00	42.68 1.78 0.00	36.64 1.98 -0.09
MODEL_CITY_ENERGY 24167	38.53 -0.66 0.00	28.50 -0.56 0.00	25.11 -0.51 0.00	24.52 -0.68 0.00	22.96 -0.76 0.00	30.45 -0.73 0.00	31.11 -0.58 0.00	37.34 -0.87 0.00	40.71 -0.04 0.00	37.73 0.35 0.00	43.13 1.32 0.00	46.76 1.56 0.00	50.55 1.90 0.00	80.59 2.14 0.00	75.50 1.16 0.00	61.81 1.60 0.00	53.82 1.91 0.00	63.03 1.44 0.00	56.97 2.36 0.00	65.15 3.62 0.00	75.79 4.60 0.00	56.69 4.05 -0.02	44.04 3.11 -0.04	36.90 2.33 0.00
MODERN_LFGE___ 323580	38.53 -0.66 0.00	28.50 -0.56 0.00	25.11 -0.51 0.00	24.52 -0.68 0.00	22.96 -0.76 0.00	30.45 -0.73 0.00	31.11 -0.58 0.00	37.34 -0.87 0.00	40.71 -0.04 0.00	37.73 0.35 0.00	43.13 1.32 0.00	46.76 1.56 0.00	50.55 1.90 0.00	80.59 2.14 0.00	75.50 1.16 0.00	61.81 1.60 0.00	53.82 1.91 0.00	63.03 1.44 0.00	56.97 2.36 0.00	65.15 3.62 0.00	75.79 4.60 0.00	56.69 4.05 -0.02	44.04 3.11 -0.04	36.90 2.33 0.00
MOHAWK_PAPER___DRP 24187	40.81 1.63 0.00	32.24 1.35 -1.84	27.26 1.21 -0.42	26.48 1.22 -0.07	26.48 1.06 -1.70	32.54 1.36 0.00	32.94 1.26 0.00	40.49 1.35 -0.92	42.01 1.26 0.00	41.20 0.97 -2.85	42.78 0.96 0.00	46.24 1.04 0.00	50.02 1.36 0.00	80.48 2.03 0.00	76.74 2.40 0.00	63.04 2.83 0.00	54.20 2.30 0.00	64.15 2.55 0.00	57.06 2.45 0.00	64.10 2.56 0.00	74.05 2.86 0.00	59.89 2.38 -4.89	46.12 1.94 -3.28	36.37 1.79 -0.01
MOHICAN___35_KV_115KV_LD 80490	42.20 3.02 0.00	32.88 2.12 -1.71	27.87 1.86 -0.39	27.08 1.83 -0.06	26.94 1.64 -1.58	33.55 2.37 0.00	34.05 2.37 0.00	41.88 2.81 -0.86	43.43 2.68 0.00	41.96 1.93 -2.65	44.34 2.52 0.00	47.88 2.68 0.00	51.70 3.05 0.00	84.32 5.87 0.00	80.59 6.26 0.00	66.18 5.97 0.00	56.69 4.79 0.00	67.25 5.66 0.00	60.14 5.52 0.00	67.75 6.22 0.00	77.96 6.77 0.00	60.47 5.10 -2.75	46.77 4.02 -1.84	37.89 3.31 -0.01
MONGAUP___HYD 23641	41.28 2.09 0.00	20.83 1.54 9.75	24.59 1.21 2.24	26.05 1.22 0.37	15.71 1.04 9.05	32.57 1.39 0.00	33.08 1.40 0.00	34.93 1.63 4.91	42.40 1.65 0.00	23.66 1.40 15.13	43.33 1.51 0.00	46.93 1.73 0.00	50.62 1.97 0.00	80.80 2.35 0.00	76.95 2.61 0.00	63.40 3.19 0.00	54.19 2.29 0.00	63.78 2.18 0.00	57.24 2.63 0.00	65.43 3.89 0.00	74.97 3.78 0.00	56.02 3.40 0.00	43.65 2.75 0.00	37.01 2.51 0.07
MONTAUK___DIESEL 23721	92.50 4.22 -49.10	91.25 3.12 -59.08	52.54 2.67 -24.25	30.03 2.56 -2.28	36.25 2.20 -10.34	34.17 2.99 0.00	34.73 3.05 0.00	47.64 3.82 -5.61	45.24 4.49 0.00	65.19 4.39 -23.42	84.90 5.38 -37.71	90.32 5.87 -39.25	206.32 6.53 -151.14	145.33 9.18 -57.70	133.56 9.47 -49.75	99.11 9.08 -29.82	161.94 7.07 -102.96	222.33 7.33 -153.40	257.07 7.42 -195.04	77.36 8.55 -7.28	79.49 8.30 0.00	59.22 6.35 -0.25	48.44 5.05 -2.49	42.15 4.60 -2.98
MOONROAD_115KV_HARTFLD_TB1-2 355988	39.21 0.03 0.00	28.57 -0.49 0.00	24.94 -0.67 0.00	24.27 -0.92 0.00	23.08 -0.64 0.00	30.78 -0.40 0.00	31.85 0.17 0.00	39.24 1.03 0.00	43.09 2.33 0.00	40.08 2.69 0.00	46.01 4.19 0.00	50.24 5.03 0.00	54.21 5.56 0.00	85.50 7.06 0.00	80.62 6.28 0.00	66.11 5.91 0.00	57.36 5.46 0.00	67.11 5.51 0.00	60.60 5.99 0.00	68.94 7.41 0.00	81.22 10.03 0.00	60.17 7.54 -0.01	46.47 5.55 -0.02	38.76 4.18 0.00

MORTIMER_115KV_TB3 55949	39.61 0.43 0.00	29.28 0.23 0.00	25.79 0.17 0.00	25.24 0.05 0.00	23.68 -0.04 0.00	31.30 0.13 0.00	31.94 0.26 0.00	38.59 0.38 0.00	41.78 1.03 0.00	38.70 1.32 0.00	43.92 2.11 0.00	47.68 2.48 0.00	51.61 2.96 0.00	82.59 4.15 0.00	77.75 3.41 0.00	63.56 3.35 0.00	55.19 3.29 0.00	65.03 3.43 0.00	58.38 3.77 0.00	66.30 4.77 0.00	76.91 5.72 0.00	57.09 4.48 0.01	44.19 3.31 0.01	36.98 2.41 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	41.02 1.83 0.00	41.41 1.31 -11.05	29.29 1.13 -2.54	26.70 1.09 -0.42	34.82 0.87 -10.24	32.36 1.17 0.00	32.90 1.22 0.00	45.24 1.47 -5.56	42.41 1.66 0.00	55.98 1.46 -17.13	43.35 1.54 0.00	46.84 1.63 0.00	50.59 1.94 0.00	80.68 2.24 0.00	76.94 2.60 0.00	63.46 3.25 0.00	54.51 2.61 0.00	64.31 2.71 0.00	57.14 2.53 0.00	63.75 2.22 0.00	73.44 2.25 0.00	54.68 1.81 -0.25	42.76 1.69 -0.17	36.68 2.03 -0.08
MUNSVILLE_WIND_PWR 323609	42.16 2.97 -0.01	31.24 2.19 0.00	27.51 1.89 0.00	26.90 1.71 0.00	25.52 1.80 0.00	33.74 2.56 0.00	34.55 2.86 0.00	42.60 3.74 -0.65	46.97 4.16 -2.05	41.40 3.80 -0.22	49.00 4.37 -2.81	55.22 5.15 -4.87	58.52 5.54 -4.32	87.99 8.65 -0.89	85.92 7.95 -3.62	69.98 7.19 -2.58	60.57 6.67 -1.99	71.95 7.75 -2.59	62.66 7.85 -0.20	70.92 9.39 0.00	82.12 10.93 0.00	60.53 7.91 0.00	46.41 5.51 0.00	38.67 4.10 0.00
N SALMON___HYD 24042	39.09 -0.10 0.00	28.82 -0.24 0.00	25.38 -0.24 0.00	24.96 -0.23 0.00	23.79 0.07 0.00	31.25 0.07 0.00	31.83 0.15 0.00	38.56 0.35 0.00	41.03 0.28 0.00	37.60 0.21 0.00	41.82 0.00 0.00	44.90 -0.31 0.00	48.02 -0.63 0.00	77.52 -0.92 0.00	73.38 -0.96 0.00	58.54 -1.67 0.00	50.04 -1.86 0.00	59.58 -2.02 0.00	13.95 -2.18 38.48	5.47 -2.27 53.79	17.32 -2.70 51.16	32.78 -1.43 18.40	39.82 -1.08 0.00	33.42 -1.15 0.00
N.AKRON__115KV_KNAPP 355671	39.67 0.49 0.00	29.30 0.24 0.00	25.79 0.17 0.00	25.18 -0.02 0.00	23.60 -0.12 0.00	31.29 0.11 0.00	31.99 0.31 0.00	38.55 0.34 0.00	42.03 1.28 0.00	39.05 1.66 0.00	44.51 2.70 0.00	48.11 2.91 0.00	51.99 3.34 0.00	82.90 4.45 0.00	77.75 3.41 0.00	63.71 3.51 0.00	55.52 3.61 0.00	65.14 3.54 0.00	58.79 4.17 0.00	67.24 5.70 0.00	78.24 7.05 0.00	58.40 5.76 -0.02	45.50 4.49 -0.12	37.97 3.39 -0.01
N.BELMOR_69_KV_BK1 55787	90.73 2.45 -49.10	89.91 1.77 -59.08	51.46 1.59 -24.25	28.99 1.52 -2.28	35.28 1.23 -10.34	32.86 1.68 0.00	33.32 1.64 0.00	45.71 1.90 -5.61	42.92 2.17 0.00	62.79 1.99 -23.42	81.73 2.21 -37.71	77.47 2.45 -29.81	85.09 2.87 -33.57	83.66 3.48 -1.74	83.21 3.88 -4.99	79.73 4.42 -15.10	84.26 3.69 -28.67	92.53 4.06 -26.88	95.71 3.77 -37.33	72.00 3.57 -6.90	74.34 3.15 0.00	55.66 2.79 -0.25	45.78 2.39 -2.49	40.14 2.59 -2.98
N.E_GEN_SANDY PD 24062	42.72 1.49 -2.05	37.57 1.19 -7.33	31.51 1.06 -4.83	31.60 1.06 -5.35	32.79 0.91 -8.17	32.75 1.19 -0.37	32.64 1.12 0.16	42.26 1.20 -2.84	40.83 1.07 1.00	42.95 0.75 -4.82	42.57 0.76 0.00	46.05 0.84 0.00	49.63 1.16 0.18	82.50 1.40 -2.66	76.10 1.76 0.00	63.56 2.45 -0.90	62.03 2.05 -8.08	65.61 2.22 -1.79	82.47 2.23 -25.63	69.52 2.16 -5.83	71.98 2.16 1.37	55.39 1.90 -0.86	42.92 1.72 -0.30	35.43 1.72 0.86
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	40.64 1.45 0.00	13.70 1.05 16.41	22.75 0.90 3.77	25.44 0.87 0.62	9.16 0.66 15.22	32.08 0.90 0.00	32.58 0.90 0.00	31.00 1.05 8.25	41.94 1.18 0.00	12.98 1.04 25.44	42.95 1.14 0.00	46.50 1.30 0.00	50.32 1.66 0.00	80.33 1.89 0.00	76.60 2.26 0.00	63.17 2.97 0.00	54.32 2.42 0.00	64.10 2.50 0.00	57.03 2.42 0.00	63.67 2.13 0.00	73.34 2.15 0.00	54.32 1.70 0.00	42.38 1.48 0.00	36.14 1.68 0.12
N.QUEENS_27_KV_LOAD 356247	41.18 2.00 0.00	41.52 1.42 -11.05	29.38 1.23 -2.54	26.78 1.17 -0.42	34.90 0.94 -10.25	32.45 1.27 0.00	33.04 1.36 0.00	45.36 1.59 -5.56	42.55 1.80 0.00	56.08 1.56 -17.13	43.42 1.60 0.00	46.92 1.71 0.00	50.57 1.92 0.00	80.65 2.21 0.00	76.94 2.60 0.00	63.49 3.29 0.00	54.49 2.59 0.00	64.20 2.61 0.00	57.05 2.45 0.01	63.68 2.16 0.02	73.35 2.17 0.01	54.64 1.78 -0.23	42.84 1.77 -0.17	36.86 2.21 -0.08
N.TROY___115KV_TB1 355778	40.91 1.72 0.00	32.29 1.38 -1.86	27.28 1.23 -0.43	26.49 1.23 -0.07	26.52 1.08 -1.73	32.61 1.43 0.00	33.01 1.33 0.00	40.61 1.46 -0.94	42.06 1.31 0.00	41.20 0.92 -2.89	42.78 0.96 0.00	46.27 1.07 0.00	50.03 1.37 0.00	80.54 2.10 0.00	76.78 2.44 0.00	63.05 2.85 0.00	54.23 2.33 0.00	64.21 2.61 0.00	57.21 2.60 0.00	64.29 2.76 0.00	74.21 3.02 0.00	59.69 2.50 -4.57	46.05 2.09 -3.07	36.47 1.89 -0.01
NARROWS_GT1_1 24228	41.09 1.90 0.00	41.45 1.35 -11.05	29.29 1.13 -2.54	26.68 1.07 -0.42	34.80 0.84 -10.25	32.34 1.16 0.00	32.91 1.23 0.00	45.26 1.49 -5.56	42.48 1.73 0.00	56.13 1.61 -17.13	43.51 1.69 0.00	47.03 1.83 0.00	50.79 2.13 0.00	80.86 2.42 0.00	77.08 2.74 0.00	63.52 3.32 0.00	54.34 2.43 0.00	63.99 2.39 0.00	56.92 2.31 0.00	63.69 2.15 0.00	73.24 2.05 0.00	54.59 1.72 -0.25	42.90 1.84 -0.17	36.87 2.22 -0.08
NARROWS_GT1_2 24229	41.09 1.90 0.00	41.45 1.35 -11.05	29.29 1.13 -2.54	26.68 1.07 -0.42	34.80 0.84 -10.25	32.34 1.16 0.00	32.91 1.23 0.00	45.26 1.49 -5.56	42.48 1.73 0.00	56.13 1.61 -17.13	43.51 1.69 0.00	47.03 1.83 0.00	50.79 2.13 0.00	80.86 2.42 0.00	77.08 2.74 0.00	63.52 3.32 0.00	54.34 2.43 0.00	63.99 2.39 0.00	56.92 2.31 0.00	63.69 2.15 0.00	73.24 2.05 0.00	54.59 1.72 -0.25	42.90 1.84 -0.17	36.87 2.22 -0.08
NARROWS_GT1_3 24230	41.09 1.90 0.00	41.45 1.35 -11.05	29.29 1.13 -2.54	26.68 1.07 -0.42	34.80 0.84 -10.25	32.34 1.16 0.00	32.91 1.23 0.00	45.26 1.49 -5.56	42.48 1.73 0.00	56.13 1.61 -17.13	43.51 1.69 0.00	47.03 1.83 0.00	50.79 2.13 0.00	80.86 2.42 0.00	77.08 2.74 0.00	63.52 3.32 0.00	54.34 2.43 0.00	63.99 2.39 0.00	56.92 2.31 0.00	63.69 2.15 0.00	73.24 2.05 0.00	54.59 1.72 -0.25	42.90 1.84 -0.17	36.87 2.22 -0.08
NARROWS_GT1_4 24231	41.09 1.90 0.00	41.45 1.35 -11.05	29.29 1.13 -2.54	26.68 1.07 -0.42	34.80 0.84 -10.25	32.34 1.16 0.00	32.91 1.23 0.00	45.26 1.49 -5.56	42.48 1.73 0.00	56.13 1.61 -17.13	43.51 1.69 0.00	47.03 1.83 0.00	50.79 2.13 0.00	80.86 2.42 0.00	77.08 2.74 0.00	63.52 3.32 0.00	54.34 2.43 0.00	63.99 2.39 0.00	56.92 2.31 0.00	63.69 2.15 0.00	73.24 2.05 0.00	54.59 1.72 -0.25	42.90 1.84 -0.17	36.87 2.22 -0.08
NARROWS_GT1_5 24232	41.09 1.90 0.00	41.45 1.35 -11.05	29.29 1.13 -2.54	26.68 1.07 -0.42	34.80 0.84 -10.25	32.34 1.16 0.00	32.91 1.23 0.00	45.26 1.49 -5.56	42.48 1.73 0.00	56.13 1.61 -17.13	43.51 1.69 0.00	47.03 1.83 0.00	50.79 2.13 0.00	80.86 2.42 0.00	77.08 2.74 0.00	63.52 3.32 0.00	54.34 2.43 0.00	63.99 2.39 0.00	56.92 2.31 0.00	63.69 2.15 0.00	73.24 2.05 0.00	54.59 1.72 -0.25	42.90 1.84 -0.17	36.87 2.22 -0.08

NARROWS_GT1_6 24233	41.09 1.90 0.00	41.45 1.35 -11.05	29.29 1.13 -2.54	26.68 1.07 -0.42	34.80 0.84 -10.25	32.34 1.16 0.00	32.91 1.23 0.00	45.26 1.49 -5.56	42.48 1.73 0.00	56.13 1.61 -17.13	43.51 1.69 0.00	47.03 1.83 0.00	50.79 2.13 0.00	80.86 2.42 0.00	77.08 2.74 0.00	63.52 3.32 0.00	54.34 2.43 0.00	63.99 2.39 0.00	56.92 2.31 0.00	63.69 2.15 0.00	73.24 2.05 0.00	54.59 1.72 -0.25	42.90 1.84 -0.17	36.87 2.22 -0.08
NARROWS_GT1_7 24234	41.09 1.90 0.00	41.45 1.35 -11.05	29.29 1.13 -2.54	26.68 1.07 -0.42	34.80 0.84 -10.25	32.34 1.16 0.00	32.91 1.23 0.00	45.26 1.49 -5.56	42.48 1.73 0.00	56.13 1.61 -17.13	43.51 1.69 0.00	47.03 1.83 0.00	50.79 2.13 0.00	80.86 2.42 0.00	77.08 2.74 0.00	63.52 3.32 0.00	54.34 2.43 0.00	63.99 2.39 0.00	56.92 2.31 0.00	63.69 2.15 0.00	73.24 2.05 0.00	54.59 1.72 -0.25	42.90 1.84 -0.17	36.87 2.22 -0.08
NARROWS_GT1_8 24235	41.09 1.90 0.00	41.45 1.35 -11.05	29.29 1.13 -2.54	26.68 1.07 -0.42	34.80 0.84 -10.25	32.34 1.16 0.00	32.91 1.23 0.00	45.26 1.49 -5.56	42.48 1.73 0.00	56.13 1.61 -17.13	43.51 1.69 0.00	47.03 1.83 0.00	50.79 2.13 0.00	80.86 2.42 0.00	77.08 2.74 0.00	63.52 3.32 0.00	54.34 2.43 0.00	63.99 2.39 0.00	56.92 2.31 0.00	63.69 2.15 0.00	73.24 2.05 0.00	54.59 1.72 -0.25	42.90 1.84 -0.17	36.87 2.22 -0.08
NARROWS_GT2_1 24236	41.09 1.90 0.00	41.45 1.35 -11.05	29.29 1.13 -2.54	26.68 1.07 -0.42	34.80 0.84 -10.25	32.34 1.16 0.00	32.91 1.23 0.00	45.26 1.49 -5.56	42.48 1.73 0.00	56.13 1.61 -17.13	43.51 1.69 0.00	47.03 1.83 0.00	50.79 2.13 0.00	80.86 2.42 0.00	77.08 2.74 0.00	63.52 3.32 0.00	54.34 2.43 0.00	63.99 2.39 0.00	56.92 2.31 0.00	63.69 2.15 0.00	73.24 2.05 0.00	54.59 1.72 -0.25	42.90 1.84 -0.17	36.87 2.22 -0.08
NARROWS_GT2_2 24237	41.09 1.90 0.00	41.45 1.35 -11.05	29.29 1.13 -2.54	26.68 1.07 -0.42	34.80 0.84 -10.25	32.34 1.16 0.00	32.91 1.23 0.00	45.26 1.49 -5.56	42.48 1.73 0.00	56.13 1.61 -17.13	43.51 1.69 0.00	47.03 1.83 0.00	50.79 2.13 0.00	80.86 2.42 0.00	77.08 2.74 0.00	63.52 3.32 0.00	54.34 2.43 0.00	63.99 2.39 0.00	56.92 2.31 0.00	63.69 2.15 0.00	73.24 2.05 0.00	54.59 1.72 -0.25	42.90 1.84 -0.17	36.87 2.22 -0.08
NARROWS_GT2_3 24238	41.09 1.90 0.00	41.45 1.35 -11.05	29.29 1.13 -2.54	26.68 1.07 -0.42	34.80 0.84 -10.25	32.34 1.16 0.00	32.91 1.23 0.00	45.26 1.49 -5.56	42.48 1.73 0.00	56.13 1.61 -17.13	43.51 1.69 0.00	47.03 1.83 0.00	50.79 2.13 0.00	80.86 2.42 0.00	77.08 2.74 0.00	63.52 3.32 0.00	54.34 2.43 0.00	63.99 2.39 0.00	56.92 2.31 0.00	63.69 2.15 0.00	73.24 2.05 0.00	54.59 1.72 -0.25	42.90 1.84 -0.17	36.87 2.22 -0.08
NARROWS_GT2_4 24239	41.09 1.90 0.00	41.45 1.35 -11.05	29.29 1.13 -2.54	26.68 1.07 -0.42	34.80 0.84 -10.25	32.34 1.16 0.00	32.91 1.23 0.00	45.26 1.49 -5.56	42.48 1.73 0.00	56.13 1.61 -17.13	43.51 1.69 0.00	47.03 1.83 0.00	50.79 2.13 0.00	80.86 2.42 0.00	77.08 2.74 0.00	63.52 3.32 0.00	54.34 2.43 0.00	63.99 2.39 0.00	56.92 2.31 0.00	63.69 2.15 0.00	73.24 2.05 0.00	54.59 1.72 -0.25	42.90 1.84 -0.17	36.87 2.22 -0.08
NARROWS_GT2_5 24240	41.09 1.90 0.00	41.45 1.35 -11.05	29.29 1.13 -2.54	26.68 1.07 -0.42	34.80 0.84 -10.25	32.34 1.16 0.00	32.91 1.23 0.00	45.26 1.49 -5.56	42.48 1.73 0.00	56.13 1.61 -17.13	43.51 1.69 0.00	47.03 1.83 0.00	50.79 2.13 0.00	80.86 2.42 0.00	77.08 2.74 0.00	63.52 3.32 0.00	54.34 2.43 0.00	63.99 2.39 0.00	56.92 2.31 0.00	63.69 2.15 0.00	73.24 2.05 0.00	54.59 1.72 -0.25	42.90 1.84 -0.17	36.87 2.22 -0.08
NARROWS_GT2_6 24241	41.09 1.90 0.00	41.45 1.35 -11.05	29.29 1.13 -2.54	26.68 1.07 -0.42	34.80 0.84 -10.25	32.34 1.16 0.00	32.91 1.23 0.00	45.26 1.49 -5.56	42.48 1.73 0.00	56.13 1.61 -17.13	43.51 1.69 0.00	47.03 1.83 0.00	50.79 2.13 0.00	80.86 2.42 0.00	77.08 2.74 0.00	63.52 3.32 0.00	54.34 2.43 0.00	63.99 2.39 0.00	56.92 2.31 0.00	63.69 2.15 0.00	73.24 2.05 0.00	54.59 1.72 -0.25	42.90 1.84 -0.17	36.87 2.22 -0.08
NARROWS_GT2_7 24242	41.09 1.90 0.00	41.45 1.35 -11.05	29.29 1.13 -2.54	26.68 1.07 -0.42	34.80 0.84 -10.25	32.34 1.16 0.00	32.91 1.23 0.00	45.26 1.49 -5.56	42.48 1.73 0.00	56.13 1.61 -17.13	43.51 1.69 0.00	47.03 1.83 0.00	50.79 2.13 0.00	80.86 2.42 0.00	77.08 2.74 0.00	63.52 3.32 0.00	54.34 2.43 0.00	63.99 2.39 0.00	56.92 2.31 0.00	63.69 2.15 0.00	73.24 2.05 0.00	54.59 1.72 -0.25	42.90 1.84 -0.17	36.87 2.22 -0.08
NARROWS_GT2_8 24243	41.09 1.90 0.00	41.45 1.35 -11.05	29.29 1.13 -2.54	26.68 1.07 -0.42	34.80 0.84 -10.25	32.34 1.16 0.00	32.91 1.23 0.00	45.26 1.49 -5.56	42.48 1.73 0.00	56.13 1.61 -17.13	43.51 1.69 0.00	47.03 1.83 0.00	50.79 2.13 0.00	80.86 2.42 0.00	77.08 2.74 0.00	63.52 3.32 0.00	54.34 2.43 0.00	63.99 2.39 0.00	56.92 2.31 0.00	63.69 2.15 0.00	73.24 2.05 0.00	54.59 1.72 -0.25	42.90 1.84 -0.17	36.87 2.22 -0.08
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	41.51 2.32 0.00	31.04 1.98 0.00	27.42 1.80 0.00	26.99 1.80 0.00	25.32 1.60 0.00	33.23 2.05 0.00	33.66 1.98 0.00	40.24 2.03 0.00	42.59 1.83 0.00	38.91 1.53 0.00	43.13 1.32 0.00	46.38 1.18 0.00	50.15 1.50 0.00	80.94 2.50 0.00	77.30 2.96 0.00	63.84 3.64 0.00	55.23 3.33 0.00	65.47 3.87 0.00	57.96 3.35 0.00	65.05 3.52 0.00	75.34 4.15 0.00	51.24 3.36 4.74	40.38 2.66 3.18	36.91 2.34 0.00
NCHELSEA_115KV_TR2 355582	41.07 1.89 0.00	30.41 1.36 0.00	26.79 1.17 0.00	26.31 1.11 0.00	24.63 0.91 0.00	32.41 1.23 0.00	32.94 1.26 0.00	39.73 1.53 0.00	42.44 1.69 0.00	38.89 1.51 0.00	43.55 1.73 0.00	47.19 1.99 0.00	51.09 2.44 0.00	81.63 3.19 0.00	77.89 3.55 0.00	64.20 4.00 0.00	55.29 3.39 0.00	65.31 3.71 0.00	58.08 3.47 0.00	64.92 3.39 0.00	74.75 3.56 0.00	55.33 2.71 0.00	43.10 2.20 0.00	36.74 2.17 0.00
NEG CAPITAL___MECHNVIL 23645	41.73 2.55 0.00	32.71 1.89 -1.76	27.68 1.66 -0.40	26.88 1.62 -0.07	26.81 1.45 -1.64	33.14 1.96 0.00	33.61 1.93 0.00	41.33 2.23 -0.89	42.96 2.21 0.00	41.88 1.76 -2.73	43.85 2.03 0.00	47.45 2.25 0.00	51.30 2.65 0.00	82.95 4.51 0.00	79.17 4.83 0.00	65.01 4.81 0.00	55.79 3.88 0.00	66.16 4.55 0.00	59.01 4.40 0.00	66.36 4.83 0.00	76.60 5.41 0.00	60.06 4.11 -3.33	46.37 3.23 -2.23	37.30 2.72 -0.01
NEG CENTRAL_HIGH_ACRES 23767	39.06 -0.12 0.00	28.87 -0.19 0.00	25.42 -0.20 0.00	24.90 -0.30 0.00	23.36 -0.35 0.00	30.87 -0.31 0.00	31.51 -0.17 0.00	38.08 -0.13 0.00	41.18 0.43 0.00	38.10 0.72 0.00	43.20 1.38 0.00	46.93 1.73 0.00	50.78 2.12 0.00	81.32 2.88 0.00	76.71 2.37 0.00	62.68 2.48 0.00	54.37 2.46 0.00	64.09 2.50 0.00	57.47 2.86 0.00	65.20 3.67 0.00	75.50 4.31 0.00	55.94 3.32 0.00	43.25 2.35 0.00	36.19 1.62 0.00



NEG CENTRAL___DRP 24199	39.81 0.62 -0.01	29.44 0.38 0.00	25.86 0.25 0.00	25.35 0.15 0.00	23.87 0.15 0.00	31.50 0.32 0.00	32.18 0.50 0.00	39.98 0.72 -1.05	45.08 1.02 -3.31	38.87 1.14 -0.35	48.04 1.70 -4.53	55.14 2.10 -7.84	58.02 2.41 -6.97	83.28 3.40 -1.44	83.43 3.25 -5.84	67.43 3.07 -4.15	58.03 2.92 -3.20	69.02 3.25 -4.18	62.35 3.56 -4.18	71.20 4.26 -5.41	81.39 5.06 -5.14	58.19 3.72 -1.85	43.56 2.66 0.00	36.50 1.93 0.00
NEG CENTRAL___INDECK 23768	39.94 0.75 0.00	29.34 0.29 0.00	25.73 0.11 0.00	25.17 -0.02 0.00	23.62 -0.10 0.00	31.31 0.13 0.00	32.14 0.46 0.00	38.92 0.70 0.00	41.56 0.81 0.00	38.80 1.42 0.00	43.19 1.37 0.00	45.93 0.72 0.00	49.55 0.89 0.00	79.12 0.68 0.00	74.75 0.41 0.00	61.28 1.07 0.00	53.48 1.58 0.00	63.18 1.58 0.00	56.84 2.23 0.00	64.54 3.01 0.00	75.47 4.28 0.00	56.23 3.61 0.00	45.11 4.21 0.00	37.54 2.97 0.00
NEG CENTRAL___SENECA 23627	40.06 0.87 -0.01	29.59 0.54 0.00	25.99 0.37 0.00	25.46 0.26 0.00	23.96 0.25 0.00	31.67 0.49 0.00	32.38 0.70 0.00	39.78 1.02 -0.55	43.92 1.42 -1.75	39.11 1.55 -0.18	46.47 2.26 -2.40	52.06 2.71 -4.15	55.39 3.05 -3.69	83.50 4.29 -0.76	81.59 4.16 -3.09	66.33 3.92 -2.20	57.28 3.68 -1.70	67.93 4.13 -2.21	59.19 4.41 -0.17	66.84 5.31 0.00	77.51 6.32 0.00	57.27 4.64 0.00	44.22 3.33 0.00	37.00 2.43 0.00
NEG CENTRAL___STATE_STREET 24147	39.82 0.62 -0.02	29.48 0.43 0.00	25.93 0.31 0.00	25.36 0.17 0.00	23.91 0.20 0.00	31.58 0.40 0.00	32.21 0.52 0.00	40.28 0.68 -1.39	46.03 0.87 -4.41	38.76 0.90 -0.46	49.11 1.27 -6.03	57.31 1.67 -10.44	59.93 2.00 -9.28	83.23 2.87 -1.91	84.64 2.53 -7.78	68.09 2.35 -5.54	58.42 2.25 -4.27	69.58 2.42 -5.57	61.97 2.79 -4.58	70.82 3.48 -5.81	80.89 4.18 -5.52	57.66 3.05 -1.99	43.04 2.14 0.00	36.15 1.58 0.00
NEG MILLWOOD___DRP 24198	41.28 2.10 0.00	34.19 1.50 -3.63	27.74 1.29 -0.83	26.56 1.23 -0.14	28.09 1.02 -3.36	32.55 1.37 0.00	33.09 1.41 0.00	41.76 1.73 -1.82	42.69 1.94 0.00	44.76 1.76 -5.62	43.83 2.02 0.00	47.50 2.29 0.00	51.43 2.78 0.00	82.18 3.73 0.00	78.43 4.09 0.00	64.68 4.48 0.00	55.70 3.79 0.00	65.77 4.18 0.00	58.45 3.84 0.00	65.28 3.74 0.00	75.08 3.89 0.00	55.54 2.92 0.00	43.29 2.39 0.00	36.96 2.37 -0.03
NEG NORTH_FLCN_SEA 23793	39.13 -0.05 0.00	28.97 -0.08 0.00	25.56 -0.05 0.00	25.11 -0.08 0.00	23.93 0.22 0.00	31.53 0.35 0.00	31.99 0.31 0.00	38.58 0.37 0.00	40.88 0.13 0.00	37.24 -0.15 0.00	41.45 -0.37 0.00	44.57 -0.63 0.00	47.69 -0.96 0.00	76.52 -1.92 0.00	71.63 -2.71 0.00	57.36 -2.84 0.00	48.92 -2.98 0.00	58.07 -3.53 0.00	29.15 -3.40 22.06	26.75 -3.94 30.83	37.22 -4.64 29.32	39.95 -2.12 10.55	39.64 -1.26 0.00	33.36 -1.21 0.00
NEG NORTH_KES_CHATEGAY 23792	38.67 -0.51 0.00	28.55 -0.50 0.00	25.16 -0.46 0.00	24.76 -0.43 0.00	23.61 -0.10 0.00	31.02 -0.15 0.00	31.53 -0.15 0.00	38.18 -0.03 0.00	40.67 -0.08 0.00	37.22 -0.16 0.00	41.35 -0.47 0.00	44.37 -0.83 0.00	47.44 -1.21 0.00	76.60 -1.85 0.00	72.31 -2.03 0.00	57.92 -2.28 0.00	49.42 -2.48 0.00	58.85 -2.75 0.00	25.35 -2.81 26.45	21.44 -3.12 36.97	32.18 -3.85 35.17	37.70 -2.27 12.65	39.17 -1.73 0.00	32.91 -1.66 0.00
NEG NORTH___ALICE_FALLS 23915	39.26 0.08 0.00	29.03 -0.03 0.00	25.60 -0.02 0.00	25.15 -0.04 0.00	23.97 0.26 0.00	31.55 0.38 0.00	32.06 0.38 0.00	38.75 0.54 0.00	41.18 0.43 0.00	37.59 0.20 0.00	41.84 0.02 0.00	45.00 -0.20 0.00	48.20 -0.46 0.00	77.26 -1.19 0.00	72.66 -1.68 0.00	58.24 -1.97 0.00	49.73 -2.17 0.00	59.07 -2.53 0.00	29.36 -2.50 22.75	26.85 -2.88 31.80	37.41 -3.53 30.25	40.20 -1.54 10.88	39.88 -1.01 0.00	33.52 -1.06 0.00
NEG NORTH___LWR_SARANAC 23913	39.26 0.08 0.00	29.03 -0.03 0.00	25.60 -0.02 0.00	25.15 -0.04 0.00	23.97 0.26 0.00	31.55 0.38 0.00	32.06 0.38 0.00	38.75 0.54 0.00	41.18 0.43 0.00	37.59 0.20 0.00	41.84 0.02 0.00	45.00 -0.20 0.00	48.20 -0.46 0.00	77.26 -1.19 0.00	72.66 -1.68 0.00	58.24 -1.97 0.00	49.73 -2.17 0.00	59.07 -2.53 0.00	29.36 -2.50 22.75	26.85 -2.88 31.80	37.41 -3.53 30.25	40.20 -1.54 10.88	39.88 -1.01 0.00	33.52 -1.06 0.00
NEG NORTH___PLATTSBURG 23628	39.26 0.08 0.00	29.03 -0.02 0.00	25.60 -0.02 0.00	25.15 -0.04 0.00	23.97 0.26 0.00	31.55 0.38 0.00	32.06 0.38 0.00	38.75 0.54 0.00	41.18 0.43 0.00	37.59 0.20 0.00	41.84 0.02 0.00	45.01 -0.20 0.00	48.19 -0.46 0.00	77.26 -1.19 0.00	72.66 -1.68 0.00	58.24 -1.96 0.00	49.73 -2.17 0.00	59.08 -2.53 0.00	29.36 -2.50 22.75	26.85 -2.88 31.80	37.41 -3.53 30.25	40.20 -1.54 10.88	39.89 -1.01 0.00	33.52 -1.06 0.00
NEG WEST_LEA_LOCKPORT 23791	38.68 -0.50 0.00	28.60 -0.45 0.00	25.19 -0.43 0.00	24.59 -0.60 0.00	23.03 -0.69 0.00	30.54 -0.64 0.00	31.20 -0.48 0.00	37.54 -0.67 0.00	40.97 0.22 0.00	38.00 0.61 0.00	43.43 1.62 0.00	47.02 1.81 0.00	50.86 2.21 0.00	81.06 2.61 0.00	75.99 1.65 0.00	62.19 1.99 0.00	54.14 2.24 0.00	63.46 1.86 0.00	57.34 2.73 0.00	65.56 4.03 0.00	76.29 5.11 0.00	57.02 4.38 -0.02	44.28 3.33 -0.04	37.06 2.49 0.00
NEG WEST___LANCASTR 23811	39.57 0.39 0.00	29.23 0.17 0.00	25.72 0.10 0.00	25.12 -0.07 0.00	23.61 -0.10 0.00	31.29 0.11 0.00	31.99 0.31 0.00	38.73 0.52 0.00	42.19 1.44 0.00	39.08 1.69 0.00	44.60 2.79 0.00	48.50 3.30 0.00	52.33 3.68 0.00	83.34 4.89 0.00	78.48 4.14 0.00	64.20 4.00 0.00	55.76 3.86 0.00	65.43 3.83 0.00	59.01 4.40 0.00	67.17 5.64 0.00	78.34 7.15 0.00	58.15 5.52 -0.01	44.90 3.98 -0.02	37.63 3.05 0.00
NEG_PENN_ALLEGHNY 23528	39.70 0.51 -0.01	29.38 0.33 0.00	25.87 0.25 0.00	25.39 0.20 0.00	23.94 0.23 0.00	31.53 0.36 0.00	32.12 0.44 0.00	39.50 0.67 -0.62	43.62 0.90 -1.97	38.57 0.98 -0.21	45.86 1.35 -2.69	51.55 1.68 -4.66	54.81 2.01 -4.14	81.91 2.61 -0.85	80.37 2.56 -3.47	65.33 2.66 -2.47	56.16 2.35 -1.91	66.58 2.50 -2.48	57.42 2.63 -0.19	64.55 3.01 0.00	74.91 3.72 0.00	55.33 2.70 0.00	42.93 2.03 0.00	36.13 1.55 0.00
NEG___GEN_MONROE 24207	40.19 1.01 0.00	29.64 0.58 0.00	26.08 0.46 0.00	25.50 0.31 0.00	23.87 0.16 0.00	31.60 0.42 0.00	32.29 0.61 0.00	39.03 0.82 0.00	42.20 1.45 0.00	39.16 1.77 0.00	44.68 2.87 0.00	48.33 3.13 0.00	52.43 3.78 0.00	83.96 5.51 0.00	78.70 4.36 0.00	64.36 4.15 0.00	55.98 4.08 0.00	66.15 4.55 0.00	59.45 4.84 0.00	67.77 6.24 0.00	79.03 7.84 0.00	58.79 6.08 -0.08	45.77 4.73 -0.14	38.13 3.55 -0.01
NEPA___ENERGY 23901	38.98 -0.21 0.00	28.64 -0.41 0.00	25.11 -0.50 0.00	24.51 -0.69 0.00	23.24 -0.48 0.00	30.84 -0.34 0.00	31.61 -0.07 0.00	38.57 0.36 0.00	41.92 1.17 0.00	38.84 1.46 0.00	44.27 2.46 0.00	48.27 3.07 0.00	52.18 3.53 0.00	82.71 4.26 0.00	78.15 3.81 0.00	64.10 3.90 0.00	55.56 3.66 0.00	65.07 3.47 0.00	58.66 4.05 0.00	66.57 5.04 0.00	77.95 6.76 0.00	57.64 5.01 -0.01	44.67 3.75 -0.02	37.35 2.78 0.00

NEVERSINK___HYD 23608	40.12 0.94 0.00	27.33 0.63 2.35	25.59 0.51 0.54	25.58 0.47 0.09	21.86 0.33 2.18	31.64 0.46 0.00	32.17 0.49 0.00	37.66 0.63 1.18	41.29 0.54 0.00	33.19 -0.55 3.65	41.22 -0.59 0.00	44.62 -0.59 0.00	48.24 -0.41 0.00	77.12 -1.33 0.00	73.58 -0.76 0.00	60.63 0.43 0.00	52.23 0.33 0.00	61.71 0.11 0.00	54.96 0.35 0.00	61.61 0.08 0.00	71.36 0.17 0.00	54.23 1.61 0.00	42.17 1.27 0.00	35.84 1.29 0.02
NEWKRMKL_115KV_TB1 55635	40.27 1.09 0.00	31.86 1.01 -1.81	26.97 0.94 -0.42	26.24 0.98 -0.07	26.20 0.80 -1.67	32.20 1.02 0.00	32.58 0.90 0.00	40.04 0.92 -0.91	41.52 0.77 0.00	40.73 0.55 -2.80	42.27 0.46 0.00	45.66 0.46 0.00	49.37 0.71 0.00	79.38 0.94 0.00	75.60 1.26 0.00	62.04 1.84 0.00	53.34 1.43 0.00	63.14 1.54 0.00	56.10 1.50 0.00	63.00 1.47 0.00	72.79 1.60 0.00	53.08 1.44 0.99	41.48 1.24 0.66	35.83 1.25 -0.01
NEWTON___FALLS_HYD 23847	39.58 0.39 -0.01	28.98 -0.07 0.00	25.57 -0.05 0.00	25.04 -0.16 0.00	23.62 -0.09 0.00	31.17 -0.01 0.00	32.08 0.39 0.00	39.33 0.56 -0.55	42.95 0.45 -1.75	37.98 0.41 -0.18	44.54 0.33 -2.40	49.61 0.26 -4.15	52.57 0.23 -3.69	80.02 0.82 -0.76	78.41 0.98 -3.09	62.37 -0.04 -2.20	53.52 -0.07 -1.69	63.82 0.01 -2.21	199.65 -0.23 -144.81	264.55 0.82 -202.19	265.05 1.54 -192.33	122.87 1.07 -69.17	41.75 0.86 0.00	34.94 0.37 0.00
NGRID_A1_DSASP 323792	38.39 -0.79 0.00	28.48 -0.58 0.00	25.12 -0.50 0.00	24.53 -0.66 0.00	22.86 -0.85 0.00	30.26 -0.91 0.00	30.91 -0.78 0.00	37.16 -1.05 0.00	40.61 -0.14 0.00	37.61 0.22 0.00	43.02 1.20 0.00	46.67 1.47 0.00	50.43 1.78 0.00	80.35 1.91 0.00	75.22 0.88 0.00	61.50 1.29 0.00	53.52 1.62 0.00	62.65 1.05 0.00	56.64 2.03 0.00	64.78 3.25 0.00	75.35 4.16 0.00	56.32 3.69 -0.01	43.69 2.77 -0.02	36.58 2.01 0.00
NGRID_A2_DSASP 323793	38.39 -0.79 0.00	28.48 -0.58 0.00	25.12 -0.50 0.00	24.53 -0.66 0.00	22.86 -0.85 0.00	30.26 -0.91 0.00	30.91 -0.78 0.00	37.16 -1.05 0.00	40.61 -0.14 0.00	37.61 0.22 0.00	43.02 1.20 0.00	46.67 1.47 0.00	50.43 1.78 0.00	80.35 1.91 0.00	75.22 0.88 0.00	61.50 1.29 0.00	53.52 1.62 0.00	62.65 1.05 0.00	56.64 2.03 0.00	64.78 3.25 0.00	75.35 4.16 0.00	56.32 3.69 -0.01	43.69 2.77 -0.02	36.58 2.01 0.00
NGRID_A4_DSASP 323807	38.39 -0.79 0.00	28.48 -0.58 0.00	25.12 -0.50 0.00	24.53 -0.66 0.00	22.86 -0.85 0.00	30.26 -0.91 0.00	30.91 -0.78 0.00	37.16 -1.05 0.00	40.61 -0.14 0.00	37.61 0.22 0.00	43.02 1.20 0.00	46.67 1.47 0.00	50.43 1.78 0.00	80.35 1.91 0.00	75.22 0.88 0.00	61.50 1.29 0.00	53.52 1.62 0.00	62.65 1.05 0.00	56.64 2.03 0.00	64.78 3.25 0.00	75.35 4.16 0.00	56.32 3.69 -0.01	43.69 2.77 -0.02	36.58 2.01 0.00
NIAGARA_115E_LBMP 323715	38.34 -0.84 0.00	28.36 -0.69 0.00	25.00 -0.62 0.00	24.42 -0.78 0.00	22.87 -0.84 0.00	30.32 -0.86 0.00	30.98 -0.70 0.00	37.15 -1.07 0.00	40.47 -0.29 0.00	37.49 0.11 0.00	42.86 1.05 0.00	46.50 1.30 0.00	50.26 1.61 0.00	80.14 1.69 0.00	75.06 0.73 0.00	61.43 1.23 0.00	53.48 1.57 0.00	62.61 1.01 0.00	56.59 1.98 0.00	64.73 3.19 0.00	75.30 4.11 0.00	56.36 3.73 -0.02	43.80 2.87 -0.03	36.72 2.15 0.00
NIAGARA_115W_LBMP 323714	38.32 -0.86 0.00	28.44 -0.62 0.00	25.08 -0.54 0.00	24.49 -0.71 0.00	22.81 -0.90 0.00	30.20 -0.98 0.00	30.84 -0.84 0.00	37.08 -1.13 0.00	40.52 -0.23 0.00	37.53 0.14 0.00	42.90 1.08 0.00	46.56 1.36 0.00	50.31 1.66 0.00	80.17 1.73 0.00	75.04 0.70 0.00	61.36 1.16 0.00	53.40 1.50 0.00	62.52 0.92 0.00	56.52 1.91 0.00	64.66 3.12 0.00	75.17 3.99 0.00	56.17 3.54 -0.01	43.58 2.66 -0.02	36.49 1.92 0.00
NIAGARA_230_LBMP 323716	38.43 -0.76 0.00	28.47 -0.59 0.00	25.11 -0.52 0.00	24.52 -0.67 0.00	22.95 -0.77 0.00	30.41 -0.76 0.00	31.06 -0.63 0.00	37.38 -0.84 0.00	40.76 0.01 0.00	37.75 0.36 0.00	43.13 1.32 0.00	46.81 1.61 0.00	50.57 1.92 0.00	80.68 2.23 0.00	75.58 1.24 0.00	61.78 1.57 0.00	53.76 1.86 0.00	62.99 1.40 0.00	56.91 2.30 0.00	65.07 3.54 0.00	75.67 4.49 0.00	56.48 3.85 -0.01	43.79 2.88 -0.01	36.66 2.09 0.00
NIAGARA___115KV_198_GIBSON 55903	38.32 -0.87 0.00	28.43 -0.62 0.00	25.08 -0.54 0.00	24.49 -0.70 0.00	22.81 -0.90 0.00	30.20 -0.98 0.00	30.83 -0.85 0.00	37.07 -1.14 0.00	40.52 -0.24 0.00	37.53 0.14 0.00	42.90 1.08 0.00	46.54 1.34 0.00	50.30 1.64 0.00	80.14 1.69 0.00	75.06 0.72 0.00	61.35 1.15 0.00	53.39 1.49 0.00	62.51 0.91 0.00	56.52 1.91 0.00	64.64 3.11 0.00	75.16 3.97 0.00	56.13 3.50 -0.01	43.57 2.65 -0.02	36.49 1.92 0.00
NIAGARA____ 23760	38.43 -0.76 0.00	28.47 -0.59 0.00	25.11 -0.52 0.00	24.52 -0.67 0.00	22.95 -0.77 0.00	30.41 -0.76 0.00	31.06 -0.63 0.00	37.38 -0.84 0.00	40.76 0.01 0.00	37.75 0.36 0.00	43.13 1.32 0.00	46.81 1.61 0.00	50.57 1.92 0.00	80.68 2.23 0.00	75.58 1.24 0.00	61.78 1.57 0.00	53.76 1.86 0.00	62.99 1.40 0.00	56.91 2.30 0.00	65.07 3.54 0.00	75.67 4.49 0.00	56.48 3.85 -0.01	43.80 2.88 -0.02	36.66 2.09 0.00
NINE_MILE_1 23575	38.05 -1.01 0.12	28.29 -0.76 0.00	24.94 -0.68 0.00	24.49 -0.70 0.00	23.04 -0.67 0.00	30.32 -0.86 0.00	30.85 -0.83 0.00	27.84 -0.99 9.39	10.08 -1.00 29.67	33.41 -0.85 3.12	0.40 -0.81 40.60	-25.82 -0.74 70.28	-14.46 -0.64 62.47	64.36 -1.21 12.87	20.80 -1.18 52.35	22.24 -0.70 37.27	22.62 -0.56 28.72	23.34 -0.80 37.46	51.29 -0.48 2.84	61.04 -0.49 0.00	70.60 -0.58 0.00	52.25 -0.37 0.00	40.54 -0.36 0.00	34.17 -0.40 0.00
NINE_MILE_2 23744	38.05 -1.01 0.12	28.29 -0.76 0.00	24.94 -0.68 0.00	24.49 -0.70 0.00	23.04 -0.67 0.00	30.32 -0.86 0.00	30.85 -0.83 0.00	27.69 -0.99 9.53	9.63 -1.00 30.12	33.36 -0.85 3.17	-0.22 -0.81 41.22	-26.88 -0.74 71.34	-15.40 -0.64 63.41	64.17 -1.21 13.06	20.01 -1.18 53.14	21.67 -0.70 37.83	22.19 -0.56 29.15	22.77 -0.80 38.03	51.25 -0.48 2.88	61.04 -0.49 0.00	70.60 -0.58 0.00	52.25 -0.37 0.00	40.54 -0.36 0.00	34.17 -0.40 0.00
NM_CAPITAL___DRP 24208	40.33 1.15 0.00	31.95 1.04 -1.85	27.00 0.96 -0.42	26.26 0.99 -0.07	26.27 0.84 -1.72	32.25 1.06 0.00	32.63 0.95 0.00	40.10 0.96 -0.93	41.56 0.81 0.00	40.80 0.55 -2.87	42.25 0.44 0.00	45.65 0.44 0.00	49.34 0.69 0.00	79.32 0.88 0.00	75.57 1.23 0.00	62.04 1.84 0.00	53.36 1.46 0.00	63.16 1.57 0.00	56.15 1.54 0.00	63.05 1.52 0.00	72.82 1.63 0.00	57.38 1.49 -3.27	44.40 1.31 -2.19	35.90 1.31 -0.01
NM_CENTRAL___DRP 24181	39.16 -0.04 -0.01	28.98 -0.07 0.00	25.52 -0.10 0.00	25.06 -0.14 0.00	23.57 -0.14 0.00	31.04 -0.14 0.00	31.61 -0.07 0.00	39.09 -0.03 -0.91	43.73 0.09 -2.88	37.90 0.21 -0.30	46.21 0.45 -3.94	52.73 0.70 -6.82	55.71 0.99 -6.07	81.01 1.31 -1.25	80.68 1.25 -5.09	65.20 1.38 -3.62	55.93 1.24 -2.79	66.54 1.30 -3.64	62.47 1.53 -6.33	71.69 1.70 -8.46	81.19 1.95 -8.05	56.95 1.43 -2.89	41.89 0.99 0.00	35.26 0.69 0.00

NM_FRONTIER___DRP 24179	38.32 -0.87 0.00	28.43 -0.62 0.00	25.08 -0.54 0.00	24.49 -0.70 0.00	22.81 -0.90 0.00	30.20 -0.98 0.00	30.83 -0.85 0.00	37.07 -1.14 0.00	40.52 -0.24 0.00	37.53 0.14 0.00	42.90 1.08 0.00	46.54 1.34 0.00	50.30 1.64 0.00	80.14 1.69 0.00	75.06 0.72 0.00	61.35 1.15 0.00	53.39 1.49 0.00	62.51 0.91 0.00	56.52 1.91 0.00	64.64 3.11 0.00	75.16 3.97 0.00	56.13 3.50 -0.01	43.57 2.65 -0.02	36.49 1.92 0.00
NM_ST_REGIS___HYD 24053	38.79 -0.39 0.00	28.55 -0.50 0.00	25.14 -0.48 0.00	24.73 -0.47 0.00	23.49 -0.22 0.00	30.89 -0.28 0.00	31.53 -0.15 0.00	38.06 -0.15 0.00	40.29 -0.46 0.00	36.97 -0.42 0.00	41.08 -0.74 0.00	44.06 -1.14 0.00	47.07 -1.58 0.00	76.56 -1.89 0.00	72.63 -1.71 0.00	57.36 -2.84 0.00	49.34 -2.56 0.00	58.82 -2.78 0.00	-14.97 -2.83 66.75	-34.69 -2.92 93.31	-20.62 -3.06 88.75	18.80 -1.90 31.92	39.64 -1.26 0.00	33.32 -1.25 0.00
NORTHPORT___1 23551	90.40 2.12 -49.10	89.78 1.64 -59.08	51.36 1.48 -24.26	28.90 1.43 -2.28	35.18 1.12 -10.34	32.72 1.53 0.00	33.12 1.43 0.00	45.48 1.66 -5.61	42.71 1.96 0.00	62.60 1.79 -23.42	81.64 2.11 -37.71	77.30 2.01 -30.08	86.69 2.14 -35.90	79.78 2.26 0.92	78.32 2.77 -1.20	77.82 3.63 -13.99	77.99 2.78 -23.31	94.55 2.87 -30.08	98.72 2.80 -41.32	71.36 2.92 -6.91	73.24 2.09 0.04	54.92 2.05 -0.25	45.35 1.97 -2.49	39.82 2.27 -2.98
NORTHPORT___2 23552	90.40 2.12 -49.10	89.78 1.64 -59.08	51.36 1.48 -24.26	28.90 1.43 -2.28	35.18 1.12 -10.34	32.72 1.53 0.00	33.12 1.43 0.00	45.48 1.66 -5.61	42.71 1.96 0.00	62.60 1.79 -23.42	81.64 2.11 -37.71	77.30 2.01 -30.08	86.69 2.14 -35.90	79.78 2.26 0.92	78.32 2.77 -1.20	77.82 3.63 -13.99	76.98 2.78 -22.29	80.40 2.87 -15.93	81.09 2.80 -23.68	71.34 2.92 -6.88	72.03 2.09 1.25	54.92 2.05 -0.25	45.35 1.97 -2.49	39.82 2.27 -2.98
NORTHPORT___3 23553	90.42 2.13 -49.10	89.74 1.61 -59.08	51.32 1.45 -24.26	28.86 1.39 -2.28	35.16 1.10 -10.34	32.69 1.51 0.00	33.06 1.38 0.00	45.41 1.59 -5.61	42.57 1.82 0.00	62.52 1.72 -23.42	81.56 2.03 -37.71	76.34 2.14 -29.00	74.68 2.64 -23.39	77.99 2.65 3.11	78.42 3.08 -1.01	77.72 3.70 -13.82	77.08 2.95 -22.23	80.43 2.91 -15.92	81.05 2.77 -23.67	71.11 2.72 -6.86	71.65 1.71 1.25	54.71 1.84 -0.25	45.18 1.80 -2.49	39.74 2.19 -2.98
NORTHPORT___4 23650	90.42 2.13 -49.10	89.74 1.61 -59.08	51.32 1.45 -24.26	28.86 1.39 -2.28	35.16 1.10 -10.34	32.69 1.51 0.00	33.06 1.38 0.00	45.41 1.59 -5.61	42.57 1.82 0.00	62.52 1.72 -23.42	81.56 2.03 -37.71	76.34 2.14 -29.00	74.68 2.64 -23.39	77.99 2.65 3.11	78.42 3.08 -1.01	77.72 3.70 -13.82	77.08 2.95 -22.23	80.43 2.91 -15.92	81.05 2.77 -23.67	71.11 2.72 -6.86	71.65 1.71 1.25	54.71 1.84 -0.25	45.18 1.80 -2.49	39.74 2.19 -2.98
NORTHPORT___IC 23718	90.40 2.12 -49.10	89.77 1.64 -59.08	51.35 1.48 -24.25	28.90 1.43 -2.28	35.18 1.12 -10.34	32.72 1.53 0.00	33.12 1.43 0.00	45.48 1.66 -5.61	42.71 1.96 0.00	62.60 1.80 -23.42	81.64 2.11 -37.71	77.30 2.01 -30.08	86.70 2.15 -35.90	79.80 2.28 0.92	78.30 2.77 -1.20	77.81 3.62 -13.98	76.99 2.80 -22.29	80.42 2.89 -15.93	81.08 2.79 -23.68	71.34 2.92 -6.88	72.04 2.10 1.25	54.93 2.06 -0.25	45.36 1.97 -2.49	39.82 2.27 -2.98
NORTH___COUNTRY_ESR 323785	38.58 -0.60 0.00	28.49 -0.57 0.00	25.11 -0.51 0.00	24.70 -0.49 0.00	23.55 -0.17 0.00	30.95 -0.23 0.00	31.47 -0.21 0.00	38.09 -0.12 0.00	40.61 -0.15 0.00	37.18 -0.20 0.00	41.34 -0.48 0.00	44.37 -0.83 0.00	47.41 -1.24 0.00	76.57 -1.87 0.00	72.28 -2.06 0.00	57.76 -2.44 0.00	49.33 -2.57 0.00	58.69 -2.91 0.00	25.07 -3.00 26.55	21.06 -3.37 37.11	31.71 -4.18 35.29	37.31 -2.61 12.69	38.95 -1.95 0.00	32.76 -1.81 0.00
NPX_GEN_1385_PROXY 323591	90.26 1.98 -49.10	89.91 1.77 -59.08	51.68 1.81 -24.26	29.33 1.86 -2.28	35.46 1.41 -10.34	33.11 1.93 0.00	32.53 1.55 0.70	45.60 1.74 -5.65	42.74 1.99 0.00	62.05 1.36 -23.31	80.88 1.46 -37.61	73.81 1.19 -27.42	85.65 1.10 -35.90	81.23 2.31 -0.47	78.33 2.78 -1.20	74.86 3.86 -10.79	77.94 2.91 -23.12	93.61 4.52 -27.50	97.26 4.54 -38.10	73.33 4.89 -6.90	94.83 4.34 -19.31	64.61 2.94 -9.06	44.25 1.62 -1.75	39.06 1.51 -2.98
NPX_GEN_CSC 323557	90.78 2.49 -49.10	89.99 1.85 -59.08	51.47 1.59 -24.26	28.99 1.52 -2.28	35.27 1.22 -10.34	32.86 1.68 0.00	32.62 1.65 0.70	45.88 2.02 -5.65	43.16 2.41 0.00	63.03 2.33 -23.31	82.25 2.84 -37.61	84.76 2.99 -36.57	202.89 3.37 -150.87	141.54 4.13 -58.97	128.57 4.59 -49.64	91.78 4.98 -26.60	158.76 4.06 -102.80	219.06 4.34 -153.11	253.50 4.22 -194.67	73.23 4.42 -7.28	78.57 3.79 -3.59	64.91 3.23 -9.06	45.41 2.77 -1.75	40.37 2.82 -2.98
NSINS_S_GLNS_FALLS 23858	42.16 2.97 0.00	32.84 2.09 -1.70	27.84 1.84 -0.39	27.05 1.79 -0.06	26.91 1.61 -1.58	33.50 2.32 0.00	34.01 2.32 0.00	41.82 2.76 -0.86	43.41 2.66 0.00	41.95 1.92 -2.64	44.34 2.53 0.00	47.88 2.68 0.00	51.68 3.03 0.00	84.38 5.93 0.00	80.63 6.30 0.00	66.16 5.95 0.00	56.70 4.80 0.00	67.27 5.67 0.00	60.13 5.52 0.00	67.75 6.22 0.00	77.96 6.77 0.00	60.39 5.09 -2.68	46.69 3.99 -1.80	37.84 3.26 -0.01
NUCOR_STEEL___DRP 24197	39.76 0.56 -0.02	29.45 0.39 0.00	25.89 0.28 0.00	25.32 0.13 0.00	23.88 0.17 0.00	31.54 0.37 0.00	32.16 0.48 0.00	40.32 0.62 -1.49	46.26 0.79 -4.72	38.70 0.82 -0.50	49.43 1.16 -6.46	57.87 1.49 -11.17	60.40 1.81 -9.93	83.05 2.56 -2.05	84.79 2.13 -8.33	68.20 2.06 -5.93	58.43 1.96 -4.57	69.66 2.10 -5.96	61.73 2.41 -4.71	70.60 3.11 -5.95	80.57 3.72 -5.66	57.39 2.74 -2.04	42.85 1.95 0.00	36.03 1.45 0.00
NUMBER_THREE_WT_PWR 323818	40.32 1.13 -0.01	29.37 0.32 0.00	25.97 0.35 0.00	25.32 0.13 0.00	23.75 0.03 0.00	31.44 0.26 0.00	32.59 0.91 0.00	40.16 1.29 -0.66	44.38 1.54 -2.09	38.94 1.33 -0.22	46.20 1.53 -2.86	51.84 1.69 -4.96	55.11 2.05 -4.41	82.89 3.53 -0.91	81.58 3.55 -3.69	65.49 2.65 -2.63	56.16 2.23 -2.02	66.68 2.44 -2.64	120.59 2.91 -63.07	153.41 4.00 -87.88	159.91 5.13 -83.59	86.18 3.49 -30.07	43.47 2.57 0.00	36.24 1.66 0.00
NYISO_LBMP_REFERENCE 24008	39.18 0.00 0.00	29.05 0.00 0.00	25.62 0.00 0.00	25.19 0.00 0.00	23.71 0.00 0.00	31.18 0.00 0.00	31.68 0.00 0.00	38.21 0.00 0.00	40.75 0.00 0.00	37.38 0.00 0.00	41.82 0.00 0.00	45.20 0.00 0.00	48.65 0.00 0.00	78.45 0.00 0.00	74.34 0.00 0.00	60.21 0.00 0.00	51.90 0.00 0.00	61.60 0.00 0.00	54.61 0.00 0.00	61.53 0.00 0.00	71.19 0.00 0.00	52.62 0.00 0.00	40.90 0.00 0.00	34.57 0.00 0.00
NYPA_BRENTWD____GT 24164	90.80 2.52 -49.10	90.15 2.02 -59.08	51.71 1.83 -24.26	29.23 1.76 -2.28	35.49 1.43 -10.34	33.15 1.97 0.00	33.59 1.91 0.00	46.09 2.28 -5.61	43.43 2.68 0.00	63.32 2.52 -23.42	82.49 2.96 -37.71	79.89 2.89 -31.80	110.00 3.05 -58.29	95.48 3.53 -13.50	92.55 3.85 -14.36	82.91 4.51 -18.19	99.82 3.63 -44.29	118.99 3.90 -53.48	128.82 3.72 -70.49	72.37 3.86 -6.98	74.89 3.70 0.00	56.17 3.30 -0.25	46.31 2.93 -2.49	40.54 2.99 -2.98

NYPA_GOWANUS____GT5 24156	41.09 1.90 0.00	41.45 1.35 -11.05	29.29 1.13 -2.54	26.68 1.07 -0.42	34.80 0.84 -10.25	32.34 1.16 0.00	32.91 1.23 0.00	45.26 1.49 -5.56	42.48 1.73 0.00	56.13 1.61 -17.13	43.51 1.69 0.00	47.03 1.83 0.00	50.79 2.13 0.00	80.83 2.38 0.00	77.05 2.71 0.00	63.51 3.31 0.00	54.31 2.41 0.00	63.96 2.36 0.00	56.89 2.28 0.00	63.68 2.14 0.00	73.22 2.03 0.00	54.58 1.71 -0.25	42.90 1.83 -0.17	36.87 2.22 -0.08
NYPA_GOWANUS____GT6 24157	41.09 1.90 0.00	41.45 1.35 -11.05	29.29 1.13 -2.54	26.68 1.07 -0.42	34.80 0.84 -10.25	32.34 1.16 0.00	32.91 1.23 0.00	45.26 1.49 -5.56	42.48 1.73 0.00	56.13 1.61 -17.13	43.51 1.69 0.00	47.03 1.83 0.00	50.79 2.13 0.00	80.83 2.38 0.00	77.05 2.71 0.00	63.51 3.31 0.00	54.31 2.41 0.00	63.96 2.36 0.00	56.89 2.28 0.00	63.68 2.14 0.00	73.22 2.03 0.00	54.58 1.71 -0.25	42.90 1.83 -0.17	36.87 2.22 -0.08
NYPA_HARLEM__RVR__GT1 24160	41.10 1.92 0.00	41.46 1.36 -11.05	29.32 1.17 -2.54	26.73 1.12 -0.42	34.85 0.89 -10.25	32.40 1.22 0.00	32.97 1.29 0.00	45.26 1.49 -5.56	42.45 1.70 0.00	55.97 1.46 -17.13	43.31 1.50 0.00	46.80 1.60 0.00	50.43 1.78 0.00	80.43 1.99 0.00	76.74 2.40 0.00	63.32 3.12 0.00	54.33 2.43 0.00	64.03 2.44 0.00	56.90 2.31 0.02	55.99 2.02 7.56	73.19 2.01 0.01	54.51 1.66 -0.23	42.75 1.68 -0.17	36.77 2.12 -0.08
NYPA_HARLEM__RVR__GT2 24161	41.10 1.92 0.00	41.46 1.36 -11.05	29.32 1.17 -2.54	26.73 1.12 -0.42	34.85 0.89 -10.25	32.40 1.22 0.00	32.97 1.29 0.00	45.26 1.49 -5.56	42.45 1.70 0.00	55.97 1.46 -17.13	43.31 1.50 0.00	46.80 1.60 0.00	50.43 1.78 0.00	80.43 1.99 0.00	76.74 2.40 0.00	63.32 3.12 0.00	54.33 2.43 0.00	64.03 2.44 0.00	56.90 2.31 0.02	55.99 2.02 7.56	73.19 2.01 0.01	54.51 1.66 -0.23	42.75 1.68 -0.17	36.77 2.12 -0.08
NYPA_KENT____GT 24152	41.07 1.89 0.00	41.45 1.35 -11.05	29.30 1.14 -2.54	26.69 1.08 -0.42	34.82 0.86 -10.25	32.36 1.18 0.00	32.93 1.25 0.00	45.28 1.51 -5.56	42.50 1.75 0.00	56.10 1.58 -17.13	43.47 1.65 0.00	46.98 1.78 0.00	50.68 2.03 0.00	80.72 2.28 0.00	76.97 2.63 0.00	63.45 3.25 0.00	54.34 2.44 0.00	64.01 2.41 0.00	56.89 2.28 0.00	63.59 2.06 0.00	73.19 2.00 0.00	54.55 1.68 -0.25	42.83 1.77 -0.17	36.81 2.16 -0.08
NYPA_POUCH1____GT 24155	40.95 1.77 0.00	33.56 1.23 -3.28	29.17 1.01 -2.54	26.55 0.94 -0.42	25.63 0.72 -1.19	32.17 0.99 0.00	32.73 1.05 0.01	39.34 1.28 0.14	42.24 1.51 0.02	42.41 1.43 -3.60	43.28 1.47 0.00	46.79 1.59 0.00	50.12 1.87 0.40	75.45 1.96 4.97	72.45 2.36 4.24	61.82 3.06 1.45	54.06 2.16 0.00	63.64 2.04 0.00	56.68 2.07 0.00	63.43 1.90 0.00	61.42 1.66 11.43	47.73 1.41 6.30	42.76 1.69 -0.17	36.75 2.10 -0.08
NYPA_VERNON____GT2 24162	41.06 1.88 0.00	41.44 1.34 -11.05	29.30 1.15 -2.54	26.70 1.09 -0.42	34.83 0.87 -10.25	32.37 1.19 0.00	32.94 1.26 0.00	45.30 1.53 -5.56	42.52 1.76 0.00	56.08 1.56 -17.13	43.43 1.61 0.00	46.91 1.71 0.00	50.61 1.96 0.00	80.69 2.25 0.00	76.93 2.59 0.00	63.43 3.22 0.00	54.40 2.50 0.00	64.12 2.52 0.00	56.95 2.34 0.00	63.56 2.03 0.00	73.21 2.03 0.00	54.56 1.68 -0.25	42.75 1.68 -0.17	36.76 2.11 -0.08
NYPA_VERNON____GT3 24163	41.06 1.88 0.00	41.44 1.34 -11.05	29.30 1.15 -2.54	26.70 1.09 -0.42	34.83 0.87 -10.25	32.37 1.19 0.00	32.94 1.26 0.00	45.30 1.53 -5.56	42.52 1.76 0.00	56.08 1.56 -17.13	43.43 1.61 0.00	46.91 1.71 0.00	50.61 1.96 0.00	80.69 2.25 0.00	76.93 2.59 0.00	63.43 3.22 0.00	54.40 2.50 0.00	64.12 2.52 0.00	56.95 2.34 0.00	63.56 2.03 0.00	73.21 2.03 0.00	54.56 1.68 -0.25	42.75 1.68 -0.17	36.76 2.11 -0.08
NYPA____ASTORIA_CC1 323568	41.01 1.83 0.00	41.40 1.30 -11.05	29.27 1.12 -2.54	26.67 1.06 -0.42	34.80 0.84 -10.25	32.33 1.15 0.00	32.90 1.22 0.00	45.24 1.47 -5.56	42.45 1.69 0.00	56.00 1.49 -17.13	43.33 1.52 0.00	46.82 1.61 0.00	50.51 1.86 0.00	80.55 2.10 0.00	76.81 2.47 0.00	63.34 3.13 0.00	54.32 2.42 0.00	64.01 2.41 0.00	56.87 2.26 0.00	63.48 1.94 0.00	73.13 1.94 0.00	54.48 1.60 -0.25	42.69 1.62 -0.17	36.70 2.05 -0.08
NYPA____ASTORIA_CC2 323569	41.01 1.83 0.00	41.40 1.30 -11.05	29.27 1.12 -2.54	26.67 1.06 -0.42	34.80 0.84 -10.25	32.33 1.15 0.00	32.90 1.22 0.00	45.24 1.47 -5.56	42.45 1.69 0.00	56.00 1.49 -17.13	43.33 1.52 0.00	46.82 1.61 0.00	50.51 1.86 0.00	80.55 2.10 0.00	76.81 2.47 0.00	63.34 3.13 0.00	54.32 2.42 0.00	64.01 2.41 0.00	56.87 2.26 0.00	63.48 1.94 0.00	73.13 1.94 0.00	54.48 1.60 -0.25	42.69 1.62 -0.17	36.70 2.05 -0.08
NYPA____HOLTSVILL 23794	90.84 2.56 -49.10	90.05 1.91 -59.08	51.55 1.67 -24.26	29.08 1.61 -2.28	35.35 1.29 -10.34	32.97 1.79 0.00	33.41 1.73 0.00	45.89 2.08 -5.61	43.20 2.45 0.00	63.14 2.33 -23.42	82.29 2.77 -37.71	87.13 2.86 -39.06	200.59 3.18 -148.76	138.78 3.77 -56.57	127.33 4.19 -48.80	94.45 4.72 -29.53	157.15 3.78 -101.46	216.48 4.04 -150.84	250.30 3.84 -191.85	72.78 3.98 -7.27	74.59 3.40 0.00	55.86 2.99 -0.25	46.04 2.66 -2.49	40.36 2.80 -2.98
NYPA____HELLGATE_GT1 24158	41.10 1.92 0.00	41.46 1.36 -11.05	29.32 1.17 -2.54	26.73 1.12 -0.42	34.85 0.89 -10.25	32.40 1.22 0.00	32.97 1.29 0.00	45.26 1.49 -5.56	42.45 1.70 0.00	55.97 1.46 -17.13	43.31 1.50 0.00	46.79 1.59 0.00	50.43 1.77 0.00	80.43 1.99 0.00	76.74 2.40 0.00	63.32 3.12 0.00	54.33 2.43 0.00	64.03 2.44 0.00	56.92 2.31 0.00	71.12 2.02 -7.56	73.21 2.01 -0.01	54.54 1.66 -0.26	42.75 1.68 -0.17	36.77 2.12 -0.08
NYPA____HELLGATE_GT2 24159	41.10 1.92 0.00	41.46 1.36 -11.05	29.32 1.17 -2.54	26.73 1.12 -0.42	34.85 0.89 -10.25	32.40 1.22 0.00	32.97 1.29 0.00	45.26 1.49 -5.56	42.45 1.70 0.00	55.97 1.46 -17.13	43.31 1.50 0.00	46.79 1.59 0.00	50.43 1.77 0.00	80.43 1.99 0.00	76.74 2.40 0.00	63.32 3.12 0.00	54.33 2.43 0.00	64.03 2.44 0.00	56.92 2.31 0.00	71.12 2.02 -7.56	73.21 2.01 -0.01	54.54 1.66 -0.26	42.75 1.68 -0.17	36.77 2.12 -0.08
NYS_BARGE____HYD 23848	38.88 -0.30 0.00	28.73 -0.32 0.00	25.31 -0.31 0.00	24.71 -0.48 0.00	23.13 -0.58 0.00	30.68 -0.49 0.00	31.36 -0.32 0.00	37.71 -0.50 0.00	41.14 0.39 0.00	38.16 0.77 0.00	43.62 1.80 0.00	47.25 2.05 0.00	51.09 2.44 0.00	81.44 2.99 0.00	76.33 1.99 0.00	62.50 2.30 0.00	54.42 2.52 0.00	63.78 2.19 0.00	57.62 3.01 0.00	65.90 4.36 0.00	76.70 5.51 0.00	57.33 4.69 -0.02	44.53 3.58 -0.05	37.25 2.68 0.00
OAK ORCHARD____HYD 24046	39.61 0.43 0.00	29.29 0.23 0.00	25.79 0.17 0.00	25.24 0.05 0.00	23.68 -0.03 0.00	31.31 0.13 0.00	31.95 0.27 0.00	38.59 0.38 0.00	41.78 1.03 0.00	38.70 1.32 0.00	43.93 2.11 0.00	47.70 2.50 0.00	51.62 2.97 0.00	82.60 4.16 0.00	77.75 3.41 0.00	63.56 3.36 0.00	55.20 3.30 0.00	65.04 3.44 0.00	58.38 3.77 0.00	66.32 4.78 0.00	76.91 5.72 0.00	57.09 4.48 0.01	44.20 3.32 0.01	36.98 2.41 0.00

OAKDALE___35_KV_LOAD 356122	39.50 0.31 -0.01	29.25 0.19 0.00	25.76 0.14 0.00	25.29 0.10 0.00	23.84 0.13 0.00	31.40 0.22 0.00	31.96 0.28 0.00	39.29 0.48 -0.60	43.33 0.67 -1.92	38.33 0.75 -0.20	45.51 1.07 -2.62	51.09 1.36 -4.53	54.33 1.66 -4.03	81.29 2.02 -0.83	79.70 1.99 -3.37	64.77 2.17 -2.40	55.68 1.93 -1.85	65.99 1.98 -2.41	56.96 2.17 -0.18	64.01 2.47 0.00	74.30 3.11 0.00	54.90 2.28 0.00	42.60 1.70 0.00	35.90 1.33 0.00
OCC_CHEM___DRP 24175	38.39 -0.79 0.00	28.48 -0.58 0.00	25.12 -0.50 0.00	24.53 -0.66 0.00	22.86 -0.86 0.00	30.26 -0.92 0.00	30.90 -0.79 0.00	37.16 -1.05 0.00	40.61 -0.14 0.00	37.60 0.22 0.00	43.02 1.20 0.00	46.66 1.46 0.00	50.42 1.77 0.00	80.34 1.90 0.00	75.23 0.89 0.00	61.49 1.28 0.00	53.50 1.60 0.00	62.63 1.04 0.00	56.64 2.03 0.00	64.78 3.24 0.00	75.32 4.13 0.00	56.27 3.64 -0.01	43.68 2.76 -0.02	36.58 2.01 0.00
OH_GEN_PROXY 24063	38.43 -0.76 0.00	28.46 -0.59 0.00	25.10 -0.52 0.00	24.52 -0.67 0.00	22.96 -0.75 0.00	30.43 -0.75 0.00	30.35 -0.62 0.70	37.45 -0.80 -0.04	40.80 0.05 0.00	-109.14 0.39 146.91	43.04 1.33 0.11	7.84 1.62 38.97	-2.93 1.94 53.53	82.10 2.26 -1.40	75.65 1.31 0.00	58.63 1.63 3.20	53.80 1.90 0.00	63.06 1.46 0.00	56.96 2.35 0.00	65.08 3.55 0.00	79.31 4.53 -3.59	123.95 3.83 -67.51	43.02 2.85 0.73	36.62 2.05 0.00
OLIN_CORP_DRP 24177	38.39 -0.79 0.00	28.41 -0.64 0.00	25.05 -0.57 0.00	24.46 -0.73 0.00	22.90 -0.81 0.00	30.37 -0.81 0.00	31.01 -0.67 0.00	37.22 -0.99 0.00	40.55 -0.20 0.00	37.57 0.19 0.00	42.96 1.14 0.00	46.59 1.39 0.00	50.37 1.71 0.00	80.31 1.86 0.00	75.26 0.92 0.00	61.56 1.35 0.00	53.58 1.68 0.00	62.75 1.15 0.00	56.71 2.10 0.00	64.86 3.32 0.00	75.45 4.26 0.00	56.45 3.81 -0.02	43.83 2.90 -0.03	36.77 2.19 0.00
OLIN_CORP_DSASP 323712	38.39 -0.79 0.00	28.48 -0.58 0.00	25.12 -0.50 0.00	24.53 -0.66 0.00	22.86 -0.85 0.00	30.26 -0.91 0.00	30.91 -0.78 0.00	37.16 -1.05 0.00	40.61 -0.14 0.00	37.61 0.22 0.00	43.02 1.20 0.00	46.67 1.47 0.00	50.43 1.78 0.00	80.35 1.91 0.00	75.22 0.88 0.00	61.50 1.29 0.00	53.52 1.62 0.00	62.65 1.05 0.00	56.64 2.03 0.00	64.78 3.25 0.00	75.35 4.16 0.00	56.32 3.69 -0.01	43.69 2.77 -0.02	36.58 2.01 0.00
ONEIDA_HERK_LFGE 323681	40.45 1.26 0.00	29.76 0.70 0.00	26.25 0.63 0.00	25.71 0.51 0.00	24.15 0.43 0.00	31.87 0.69 0.00	32.68 0.99 0.00	39.87 1.30 -0.36	43.41 1.52 -1.14	38.88 1.37 -0.12	44.95 1.57 -1.56	49.64 1.73 -2.71	53.12 2.06 -2.40	82.41 3.47 -0.49	79.66 3.30 -2.02	64.42 2.78 -1.44	55.34 2.33 -1.11	65.68 2.64 -1.44	86.26 2.77 -28.88	105.22 3.48 -40.22	113.76 4.32 -38.25	69.39 3.02 -13.76	43.10 2.20 0.00	36.15 1.58 0.00
ONEIDA___115KV_TB4 55905	40.78 1.59 -0.01	30.13 1.07 0.00	26.54 0.92 0.00	26.03 0.84 0.00	24.48 0.76 0.00	32.26 1.08 0.00	32.91 1.23 0.00	40.28 1.58 -0.49	44.12 1.81 -1.56	39.23 1.68 -0.16	45.87 1.91 -2.14	51.08 2.17 -3.70	54.57 2.62 -3.29	83.44 4.32 -0.68	80.91 3.81 -2.76	65.59 3.42 -1.96	56.17 2.75 -1.51	66.70 3.12 -1.97	70.01 3.17 -12.23	82.11 3.68 -16.89	91.80 4.55 -16.06	61.63 3.23 -5.78	43.20 2.30 0.00	36.33 1.76 0.00
ONONDAGA_REF_OCCRA 23987	39.33 0.13 -0.02	29.09 0.04 0.00	25.62 0.00 0.00	25.16 -0.04 0.00	23.67 -0.05 0.00	31.17 -0.02 0.00	31.74 0.05 0.00	39.46 0.12 -1.13	44.56 0.26 -3.56	38.13 0.37 -0.37	47.32 0.64 -4.87	54.54 0.92 -8.42	57.37 1.24 -7.49	81.70 1.71 -1.54	82.28 1.67 -6.27	66.36 1.69 -4.47	56.89 1.54 -3.44	67.72 1.63 -4.49	62.18 1.85 -5.72	71.13 2.07 -7.52	80.71 2.37 -7.15	56.92 1.73 -2.57	42.11 1.21 0.00	35.44 0.87 0.00
ONONDAGA___COGEN 23986	39.15 -0.06 -0.02	28.98 -0.08 0.00	25.52 -0.10 0.00	25.03 -0.16 0.00	23.57 -0.15 0.00	31.04 -0.14 0.00	31.63 -0.05 0.00	39.86 -0.02 -1.67	46.11 0.08 -5.28	38.10 0.16 -0.56	49.40 0.35 -7.23	58.31 0.60 -12.51	60.67 0.89 -11.12	81.88 1.14 -2.29	84.76 1.11 -9.32	68.05 1.21 -6.63	58.15 1.14 -5.11	69.46 1.19 -6.67	61.66 1.48 -5.58	70.26 1.65 -7.09	79.82 1.89 -6.74	56.41 1.37 -2.42	41.86 0.96 0.00	35.25 0.68 0.00
ONTARIO___LFGE 23819	40.06 0.87 -0.01	29.59 0.54 0.00	25.99 0.37 0.00	25.46 0.26 0.00	23.96 0.25 0.00	31.67 0.49 0.00	32.39 0.70 0.00	39.78 1.02 -0.55	43.92 1.42 -1.75	39.11 1.54 -0.18	46.47 2.25 -2.40	52.06 2.71 -4.15	55.40 3.06 -3.69	83.51 4.30 -0.76	81.58 4.15 -3.09	66.33 3.93 -2.20	57.28 3.69 -1.70	67.95 4.14 -2.21	59.19 4.41 -0.17	66.84 5.31 0.00	77.52 6.33 0.00	57.27 4.65 0.00	44.23 3.33 0.00	37.00 2.43 0.00
ORANGEVILLE_WT_PWR 323706	39.18 0.00 0.00	28.83 -0.22 0.00	25.27 -0.35 0.00	24.70 -0.49 0.00	23.17 -0.55 0.00	30.76 -0.42 0.00	31.53 -0.16 0.00	38.17 -0.04 0.00	41.57 0.82 0.00	38.65 1.26 0.00	44.09 2.28 0.00	47.94 2.73 0.00	51.77 3.12 0.00	82.43 3.99 0.00	77.68 3.34 0.00	63.63 3.42 0.00	55.27 3.36 0.00	64.82 3.22 0.00	58.45 3.84 0.00	66.50 4.98 0.00	77.38 6.20 0.00	57.46 4.83 -0.01	44.48 3.57 -0.01	37.17 2.60 0.00
ORANGEVILLE___ESR 323794	39.18 0.00 0.00	28.83 -0.22 0.00	25.27 -0.35 0.00	24.70 -0.49 0.00	23.17 -0.55 0.00	30.76 -0.42 0.00	31.53 -0.16 0.00	38.17 -0.04 0.00	41.57 0.82 0.00	38.65 1.26 0.00	44.09 2.28 0.00	47.94 2.73 0.00	51.77 3.12 0.00	82.43 3.99 0.00	77.68 3.34 0.00	63.63 3.42 0.00	55.27 3.36 0.00	64.82 3.22 0.00	58.45 3.84 0.00	66.50 4.98 0.00	77.38 6.20 0.00	57.46 4.83 -0.01	44.48 3.57 -0.01	37.17 2.60 0.00
OSWEGATCHIE___HYD 24044	39.58 0.39 -0.01	28.98 -0.07 0.00	25.57 -0.05 0.00	25.04 -0.15 0.00	23.62 -0.09 0.00	31.17 -0.01 0.00	32.08 0.39 0.00	39.33 0.56 -0.55	42.95 0.45 -1.75	37.98 0.41 -0.18	44.54 0.33 -2.40	49.61 0.26 -4.15	52.57 0.23 -3.69	80.02 0.81 -0.76	78.41 0.98 -3.09	62.37 -0.04 -2.20	53.52 -0.07 -1.69	63.82 0.01 -2.21	199.65 0.23 -144.81	264.55 0.82 -202.19	265.05 1.53 -192.33	122.87 1.07 -69.17	41.75 0.86 0.00	34.94 0.37 0.00
OSWEGO___5 23606	38.59 -0.69 -0.09	28.52 -0.53 0.00	25.13 -0.49 0.00	24.68 -0.51 0.00	23.22 -0.49 0.00	30.57 -0.62 0.00	31.11 -0.57 0.00	44.54 -0.67 -6.99	62.22 -0.65 -22.11	39.19 -0.52 -2.33	71.64 -0.42 -30.26	97.24 -0.32 -52.37	95.02 -0.18 -46.55	87.53 -0.50 -9.59	112.83 -0.51 -39.01	87.83 -0.14 -27.77	73.23 -0.07 -21.40	89.29 -0.22 -27.91	56.75 0.03 -2.11	61.62 0.09 0.00	71.28 0.09 0.00	52.72 0.10 0.00	40.91 0.01 0.00	34.46 -0.11 0.00
OSWEGO___6 23613	38.59 -0.69 -0.09	28.52 -0.53 0.00	25.13 -0.49 0.00	24.68 -0.51 0.00	23.22 -0.49 0.00	30.57 -0.62 0.00	31.11 -0.57 0.00	44.54 -0.67 -6.99	62.22 -0.65 -22.11	39.19 -0.52 -2.33	71.64 -0.42 -30.26	97.24 -0.32 -52.37	95.02 -0.18 -46.55	87.53 -0.50 -9.59	112.83 -0.51 -39.01	87.83 -0.14 -27.77	73.23 -0.07 -21.40	89.29 -0.22 -27.91	56.75 0.03 -2.11	61.62 0.09 0.00	71.28 0.09 0.00	52.72 0.10 0.00	40.91 0.01 0.00	34.46 -0.11 0.00

OUTOKUMPU-AB___DRP 24206	39.28 0.10 0.00	29.05 0.00 0.00	25.55 -0.07 0.00	24.95 -0.24 0.00	23.32 -0.39 0.00	30.91 -0.27 0.00	31.60 -0.08 0.00	38.09 -0.12 0.00	41.67 0.92 0.00	38.66 1.27 0.00	44.25 2.43 0.00	48.03 2.82 0.00	51.91 3.25 0.00	82.60 4.15 0.00	77.52 3.18 0.00	63.41 3.21 0.00	55.17 3.27 0.00	64.61 3.01 0.00	58.41 3.79 0.00	66.75 5.22 0.00	77.66 6.47 0.00	57.96 5.32 -0.02	44.93 4.00 -0.03	37.55 2.98 0.00
OXBOW___BTM 323836	38.94 -0.24 0.00	28.83 -0.22 0.00	25.40 -0.22 0.00	24.79 -0.40 0.00	23.14 -0.58 0.00	30.66 -0.52 0.00	31.33 -0.36 0.00	37.71 -0.50 0.00	41.27 0.52 0.00	38.24 0.86 0.00	43.78 1.96 0.00	47.52 2.32 0.00	51.34 2.69 0.00	81.40 2.96 0.00	76.31 1.97 0.00	62.39 2.18 0.00	54.29 2.39 0.00	63.57 1.97 0.00	57.46 2.85 0.00	65.70 4.16 0.00	76.43 5.24 0.00	57.28 4.65 -0.01	44.48 3.56 -0.03	37.19 2.61 0.00
OXBOW___ 24026	38.94 -0.24 0.00	28.83 -0.22 0.00	25.39 -0.23 0.00	24.79 -0.40 0.00	23.14 -0.57 0.00	30.65 -0.53 0.00	31.32 -0.37 0.00	37.71 -0.50 0.00	41.26 0.51 0.00	38.25 0.86 0.00	43.77 1.96 0.00	47.50 2.30 0.00	51.32 2.67 0.00	81.39 2.94 0.00	76.33 1.99 0.00	62.38 2.18 0.00	54.28 2.38 0.00	63.56 1.96 0.00	57.46 2.85 0.00	65.70 4.16 0.00	76.42 5.23 0.00	57.25 4.61 -0.01	44.46 3.53 -0.03	37.19 2.61 0.00
OXY_CHEM_DSASP 323612	38.39 -0.79 0.00	28.48 -0.58 0.00	25.12 -0.50 0.00	24.53 -0.66 0.00	22.86 -0.86 0.00	30.26 -0.92 0.00	30.90 -0.79 0.00	37.16 -1.05 0.00	40.61 -0.14 0.00	37.60 0.22 0.00	43.02 1.20 0.00	46.66 1.46 0.00	50.42 1.77 0.00	80.34 1.90 0.00	75.23 0.89 0.00	61.49 1.28 0.00	53.50 1.60 0.00	62.63 1.04 0.00	56.64 2.03 0.00	64.78 3.24 0.00	75.32 4.13 0.00	56.27 3.64 -0.01	43.68 2.76 -0.02	36.58 2.01 0.00
OZONE_PARK_ESR 323760	41.48 2.30 0.00	41.73 1.62 -11.05	29.56 1.40 -2.54	26.95 1.34 -0.42	35.07 1.10 -10.25	32.67 1.48 0.00	33.23 1.55 0.00	45.67 1.89 -5.56	42.89 2.14 0.00	56.45 1.93 -17.14	43.89 2.08 0.00	47.46 2.26 0.00	51.28 2.63 0.00	81.76 3.32 0.00	77.98 3.64 0.00	64.34 4.13 0.00	55.30 3.39 0.00	65.22 3.62 0.00	57.93 3.32 0.00	64.63 3.09 0.00	74.42 3.24 0.00	55.42 2.55 -0.25	43.33 2.26 -0.17	37.18 2.53 -0.08
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	38.39 -0.79 0.00	28.48 -0.58 0.00	25.12 -0.50 0.00	24.53 -0.66 0.00	22.86 -0.86 0.00	30.26 -0.92 0.00	30.90 -0.79 0.00	37.16 -1.05 0.00	40.61 -0.14 0.00	37.60 0.22 0.00	43.02 1.20 0.00	46.66 1.46 0.00	50.42 1.77 0.00	80.34 1.90 0.00	75.23 0.89 0.00	61.49 1.28 0.00	53.50 1.60 0.00	62.63 1.04 0.00	56.64 2.03 0.00	64.78 3.24 0.00	75.32 4.13 0.00	56.27 3.64 -0.01	43.68 2.76 -0.02	36.58 2.01 0.00
PACKARD___115KV_DUPONT_184 80571	38.39 -0.79 0.00	28.48 -0.58 0.00	25.12 -0.50 0.00	24.53 -0.66 0.00	22.86 -0.86 0.00	30.26 -0.92 0.00	30.90 -0.79 0.00	37.16 -1.05 0.00	40.61 -0.14 0.00	37.60 0.22 0.00	43.02 1.20 0.00	46.66 1.46 0.00	50.42 1.77 0.00	80.34 1.90 0.00	75.23 0.89 0.00	61.49 1.28 0.00	53.50 1.60 0.00	62.63 1.04 0.00	56.64 2.03 0.00	64.78 3.24 0.00	75.32 4.13 0.00	56.27 3.64 -0.01	43.68 2.76 -0.02	36.58 2.01 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	41.11 1.93 0.00	41.46 1.35 -11.05	29.32 1.17 -2.54	26.72 1.11 -0.42	34.85 0.89 -10.25	32.39 1.21 0.00	32.97 1.29 0.00	45.25 1.48 -5.56	42.43 1.68 0.00	55.96 1.45 -17.13	43.32 1.50 0.00	46.84 1.64 0.00	50.56 1.91 0.00	80.70 2.26 0.00	77.00 2.66 0.00	63.50 3.30 0.00	54.52 2.62 0.00	64.26 2.66 0.00	57.13 2.52 0.00	72.13 2.26 -8.34	73.49 2.30 0.00	54.74 1.87 -0.25	42.88 1.82 -0.17	36.78 2.14 -0.08
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	41.38 2.20 0.00	41.64 1.53 -11.05	29.50 1.34 -2.54	26.93 1.32 -0.42	35.05 1.09 -10.25	32.61 1.43 0.00	33.20 1.52 0.00	45.54 1.77 -5.56	42.73 1.98 0.00	56.21 1.69 -17.13	43.61 1.80 0.00	47.25 2.04 0.00	51.03 2.38 0.00	81.49 3.05 0.00	77.75 3.41 0.00	64.14 3.93 0.00	55.06 3.15 0.00	64.82 3.22 0.00	57.63 3.02 0.00	72.54 2.67 -8.34	74.00 2.81 0.00	55.07 2.20 -0.25	43.12 2.05 -0.17	37.00 2.35 -0.08
PATROON___115KV_TB1 80586	40.43 1.25 0.00	31.97 1.12 -1.80	27.06 1.02 -0.41	26.32 1.06 -0.07	26.28 0.89 -1.67	32.31 1.13 0.00	32.70 1.02 0.00	40.18 1.06 -0.91	41.69 0.93 0.00	40.88 0.70 -2.79	42.45 0.63 0.00	45.88 0.68 0.00	49.61 0.96 0.00	79.80 1.35 0.00	76.02 1.68 0.00	62.38 2.17 0.00	53.63 1.73 0.00	63.47 1.87 0.00	56.40 1.79 0.00	63.33 1.79 0.00	73.15 1.97 0.00	55.40 1.70 -1.07	43.06 1.44 -0.72	35.99 1.41 -0.01
PATTRSNVILLE___SOLAR 323815	40.89 1.71 0.00	31.88 1.28 -1.55	27.10 1.13 -0.36	26.36 1.11 -0.06	26.14 0.99 -1.43	32.49 1.32 0.00	32.95 1.27 0.00	40.36 1.38 -0.78	42.06 1.31 0.00	40.82 1.03 -2.40	43.03 1.21 0.00	46.51 1.30 0.00	50.27 1.61 0.00	80.99 2.54 0.00	77.14 2.80 0.00	63.18 2.98 0.00	54.33 2.43 0.00	64.46 2.86 0.00	57.45 2.84 0.00	64.67 3.14 0.00	74.85 3.66 0.00	57.01 2.79 -1.60	44.17 2.20 -1.07	36.46 1.88 -0.01
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	39.77 0.58 0.00	29.35 0.30 0.00	25.82 0.20 0.00	25.21 0.01 0.00	23.66 -0.05 0.00	31.38 0.19 0.00	32.09 0.40 0.00	38.84 0.63 0.00	42.37 1.62 0.00	39.28 1.90 0.00	44.91 3.10 0.00	48.85 3.65 0.00	52.73 4.08 0.00	84.01 5.56 0.00	79.11 4.78 0.00	64.75 4.55 0.00	56.26 4.36 0.00	66.01 4.41 0.00	59.57 4.96 0.00	67.87 6.33 0.00	79.09 7.90 0.00	58.73 6.10 -0.01	45.35 4.43 -0.02	37.94 3.36 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	41.28 2.10 0.00	34.19 1.50 -3.63	27.74 1.29 -0.83	26.56 1.23 -0.14	28.09 1.02 -3.36	32.55 1.37 0.00	33.09 1.41 0.00	41.76 1.73 -1.82	42.69 1.94 0.00	44.76 1.76 -5.62	43.83 2.02 0.00	47.50 2.29 0.00	51.43 2.78 0.00	82.18 3.73 0.00	78.43 4.09 0.00	64.68 4.48 0.00	55.70 3.79 0.00	65.77 4.18 0.00	58.45 3.84 0.00	65.28 3.74 0.00	75.08 3.89 0.00	55.54 2.92 0.00	43.29 2.39 0.00	36.96 2.37 -0.03
PEEKSKILL___ 23653	40.75 1.57 0.00	43.15 1.13 -12.97	29.57 0.98 -2.98	26.62 0.94 -0.49	36.47 0.73 -12.02	32.17 1.00 0.00	32.69 1.01 0.00	45.93 1.20 -6.52	42.09 1.34 0.00	58.65 1.16 -20.10	43.08 1.26 0.00	46.59 1.39 0.00	50.39 1.74 0.00	80.40 1.96 0.00	76.66 2.32 0.00	63.21 3.00 0.00	54.35 2.45 0.00	64.15 2.56 0.00	57.06 2.45 0.00	63.70 2.17 0.00	73.38 2.19 0.00	54.38 1.76 0.00	42.47 1.58 0.00	36.46 1.80 -0.09
PGE MADISON___WINDPWR 24146	42.16 2.97 -0.01	31.24 2.19 0.00	27.51 1.89 0.00	26.90 1.71 0.00	25.52 1.80 0.00	33.74 2.56 0.00	34.55 2.86 0.00	42.60 3.74 -0.65	46.97 4.16 -2.05	41.40 3.80 -0.22	49.00 4.37 -2.81	55.22 5.15 -4.87	58.52 5.54 -4.32	87.99 8.65 -0.89	85.92 7.95 -3.62	69.98 7.19 -2.58	60.57 6.67 -1.99	71.95 7.75 -2.59	62.66 7.85 -0.20	70.92 9.39 0.00	82.12 10.93 0.00	60.53 7.91 0.00	46.41 5.51 0.00	38.67 4.10 0.00

PIERCEFIELD___HYD 23852	38.67 -0.52 0.00	28.45 -0.61 0.00	25.05 -0.57 0.00	24.63 -0.56 0.00	23.37 -0.34 0.00	30.75 -0.43 0.00	31.40 -0.28 0.00	38.13 -0.36 -0.28	40.87 -0.77 -0.89	36.80 -0.68 -0.09	41.98 -1.05 -1.21	45.80 -1.49 -2.09	48.56 -1.95 -1.86	76.56 -2.27 -0.38	73.89 -2.01 -1.56	58.07 -3.24 -1.11	49.94 -2.81 -0.85	59.66 -3.05 -1.12	-22.46 -3.08 73.99	-45.13 -3.12 103.54	-30.46 -3.16 98.49	15.13 -2.06 35.42	39.56 -1.34 0.00	33.29 -1.28 0.00
PINELAWN_CC_1 323563	90.84 2.55 -49.10	90.03 1.90 -59.08	51.54 1.67 -24.26	29.06 1.59 -2.28	35.34 1.29 -10.34	32.93 1.76 0.00	33.41 1.72 0.00	45.86 2.04 -5.61	43.12 2.37 0.00	63.00 2.20 -23.42	82.12 2.59 -37.71	78.37 2.72 -30.45	93.15 3.07 -41.43	87.61 3.68 -5.48	86.43 4.12 -7.97	80.98 4.70 -16.08	89.39 3.85 -33.63	101.16 4.22 -35.34	106.44 3.96 -47.88	72.44 3.99 -6.92	74.71 3.52 0.00	55.91 3.04 -0.25	46.01 2.62 -2.49	40.30 2.75 -2.98
PJM_GEN_HTTP_PROXY 323702	42.49 1.81 -1.50	39.90 1.28 -9.56	29.27 1.11 -2.54	26.68 1.07 -0.42	34.94 0.84 -10.38	32.32 1.15 0.00	32.70 1.18 0.16	46.41 1.46 -6.74	41.34 1.65 1.07	56.00 1.47 -17.14	43.37 1.56 0.00	46.87 1.67 0.00	50.44 1.97 0.18	83.37 2.26 -2.66	76.96 2.62 0.00	63.50 3.29 0.00	54.85 2.65 -0.29	64.36 2.76 0.00	57.17 2.56 0.00	63.78 2.25 0.00	73.43 2.24 0.00	53.59 1.80 0.83	41.32 1.68 1.26	35.78 2.02 0.81
PJM_GEN_KEystone 24065	22.01 0.33 17.50	4.74 0.14 24.46	19.63 0.11 6.09	24.49 0.05 0.75	6.97 -0.02 16.73	30.18 0.09 1.09	31.23 0.16 0.61	30.47 0.27 8.02	40.30 0.62 1.07	9.98 0.67 2.67	40.16 1.01 0.01	46.42 1.23 0.18	49.97 1.50 -2.33	82.18 1.41 0.28	75.50 1.44 0.09	62.21 2.10 0.20	53.56 1.86 0.20	62.47 1.67 0.80	56.60 2.00 0.00	63.67 2.14 0.00	73.11 2.67 0.75	53.20 2.09 1.51	41.17 1.69 1.43	35.12 1.56 1.01
PJM_GEN_NEPTUNE_PROXY 323594	68.91 2.10 -27.62	66.76 1.54 -36.17	41.07 1.34 -14.11	27.88 1.28 -1.41	35.20 1.02 -10.47	32.57 1.39 0.00	32.86 1.34 0.16	46.54 1.54 -6.79	41.45 1.77 1.07	61.01 1.64 -21.98	64.27 1.91 -20.54	63.14 2.05 -15.88	68.77 2.41 -17.70	85.15 2.71 -3.99	80.77 3.15 -3.28	73.34 3.81 -9.33	70.58 3.10 -15.58	79.22 3.29 -14.33	77.62 3.11 -19.90	68.11 2.90 -3.68	73.59 2.40 0.00	53.94 2.15 0.83	43.37 1.96 -0.51	38.22 2.24 -1.41
PJM_GEN_VFT_PROXY 323633	42.28 1.60 -1.50	31.93 1.10 -1.78	29.11 0.95 -2.54	26.53 0.91 -0.42	25.72 0.69 -1.31	32.12 0.94 0.00	32.50 0.98 0.16	40.44 1.20 -1.03	41.04 1.36 1.08	42.21 1.22 -3.61	43.10 1.29 0.00	46.36 1.34 0.17	50.04 1.57 0.18	78.03 1.64 2.05	72.42 2.05 3.96	61.68 2.82 1.35	47.41 2.24 6.73	52.47 2.25 11.38	56.78 2.17 0.00	63.30 1.77 0.00	62.18 1.68 10.69	47.01 1.35 6.96	41.01 1.37 1.26	35.55 1.79 0.81
PLATSBURG_115KV_PMLD1 355749	39.11 -0.08 0.00	28.94 -0.11 0.00	25.54 -0.08 0.00	25.10 -0.10 0.00	23.91 0.20 0.00	31.50 0.32 0.00	31.97 0.29 0.00	38.59 0.38 0.00	40.96 0.21 0.00	37.36 -0.03 0.00	41.58 -0.23 0.00	44.71 -0.49 0.00	47.85 -0.80 0.00	76.81 -1.63 0.00	72.13 -2.21 0.00	57.77 -2.43 0.00	49.28 -2.63 0.00	58.49 -3.11 0.00	29.53 -3.03 22.04	27.17 -3.54 30.82	37.62 -4.26 29.31	40.02 -2.06 10.54	39.61 -1.29 0.00	33.32 -1.25 0.00
PLEASANTVLY___LBMP 24000	40.62 1.44 0.00	34.83 1.08 -4.71	27.64 0.94 -1.08	26.28 0.91 -0.18	28.81 0.73 -4.36	32.17 0.99 0.00	32.67 0.98 0.00	41.70 1.13 -2.37	41.96 1.21 0.00	45.69 1.01 -7.29	42.91 1.09 0.00	46.41 1.20 0.00	50.18 1.53 0.00	80.13 1.68 0.00	76.40 2.06 0.00	62.91 2.71 0.00	54.12 2.22 0.00	63.95 2.35 0.00	56.89 2.27 0.00	63.58 2.05 0.00	73.24 2.05 0.00	54.61 1.68 -0.30	42.65 1.55 -0.20	36.31 1.70 -0.03
PLSNTVLE_13_KV_13.8KVDIST 80602	40.92 1.74 0.00	38.83 1.27 -8.50	28.67 1.10 -1.95	26.57 1.05 -0.32	32.44 0.84 -7.88	32.32 1.14 0.00	32.84 1.16 0.00	43.85 1.36 -4.28	42.30 1.55 0.00	51.94 1.37 -13.18	43.29 1.48 0.00	46.84 1.64 0.00	50.64 1.99 0.00	80.83 2.39 0.00	77.10 2.76 0.00	63.60 3.39 0.00	54.67 2.77 0.00	64.57 2.97 0.00	57.36 2.75 0.00	64.07 2.53 0.00	73.74 2.55 0.00	54.88 2.00 -0.25	42.86 1.79 -0.17	36.62 1.99 -0.06
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	40.92 1.74 0.00	38.83 1.27 -8.50	28.67 1.10 -1.95	26.57 1.05 -0.32	32.44 0.84 -7.88	32.32 1.14 0.00	32.84 1.16 0.00	43.85 1.36 -4.28	42.30 1.55 0.00	51.94 1.37 -13.18	43.29 1.48 0.00	46.84 1.64 0.00	50.64 1.99 0.00	80.83 2.39 0.00	77.10 2.76 0.00	63.60 3.39 0.00	54.67 2.77 0.00	64.57 2.97 0.00	57.36 2.75 0.00	64.07 2.53 0.00	73.74 2.55 0.00	54.88 2.00 -0.25	42.86 1.79 -0.17	36.62 1.99 -0.06
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	41.05 1.86 0.00	32.45 1.35 -2.06	27.26 1.17 -0.47	26.38 1.11 -0.08	26.53 0.91 -1.91	32.42 1.24 0.00	32.95 1.27 0.00	40.75 1.51 -1.03	42.41 1.66 0.00	42.01 1.44 -3.19	43.47 1.65 0.00	47.07 1.87 0.00	50.96 2.31 0.00	81.45 3.00 0.00	77.71 3.37 0.00	64.03 3.82 0.00	55.19 3.29 0.00	65.23 3.63 0.00	58.00 3.39 0.00	64.84 3.30 0.00	74.66 3.47 0.00	55.55 2.64 -0.29	43.28 2.18 -0.20	36.74 2.16 -0.01
POLETTI____ 23519	40.93 1.75 0.00	41.34 1.24 -11.05	29.23 1.07 -2.54	26.65 1.04 -0.42	34.77 0.81 -10.25	32.27 1.08 0.00	32.81 1.13 0.00	45.14 1.37 -5.56	42.31 1.56 0.00	55.90 1.38 -17.14	43.25 1.44 0.00	46.73 1.53 0.00	50.47 1.82 0.00	80.48 2.04 0.00	76.75 2.41 0.00	63.32 3.12 0.00	54.40 2.50 0.00	64.16 2.57 0.00	57.00 2.39 0.00	63.57 2.04 0.00	73.21 2.03 0.00	54.48 1.61 -0.25	42.62 1.56 -0.17	36.59 1.95 -0.08
POMONA___ESR 323819	40.63 1.45 0.00	13.70 1.05 16.41	22.75 0.90 3.77	25.44 0.87 0.62	9.16 0.66 15.22	32.08 0.90 0.00	32.58 0.90 0.00	31.00 1.04 8.25	41.94 1.18 0.00	12.98 1.04 25.44	42.96 1.15 0.00	46.50 1.30 0.00	50.32 1.66 0.00	80.32 1.87 0.00	76.61 2.27 0.00	63.17 2.97 0.00	54.32 2.42 0.00	64.10 2.50 0.00	57.03 2.42 0.00	63.67 2.14 0.00	73.34 2.15 0.00	54.32 1.70 0.00	42.37 1.47 0.00	36.14 1.68 0.12
PORT_JEFF_3 23555	90.91 2.63 -49.10	90.10 1.97 -59.08	51.59 1.71 -24.26	29.11 1.64 -2.28	35.39 1.33 -10.34	33.00 1.82 0.00	33.46 1.78 0.00	45.97 2.15 -5.61	43.29 2.54 0.00	63.23 2.43 -23.42	82.43 2.91 -37.71	87.69 3.03 -39.46	205.64 3.28 -153.71	141.14 3.77 -58.93	129.23 4.14 -50.75	94.98 4.62 -30.15	160.20 3.70 -104.60	221.68 3.91 -156.18	256.82 3.72 -198.50	72.62 3.80 -7.29	74.36 3.17 0.00	55.74 2.87 -0.25	46.04 2.65 -2.49	40.41 2.86 -2.98
PORT_JEFF_4 23616	90.91 2.63 -49.10	90.10 1.97 -59.08	51.59 1.71 -24.26	29.11 1.64 -2.28	35.39 1.33 -10.34	33.00 1.82 0.00	33.46 1.78 0.00	45.97 2.15 -5.61	43.29 2.54 0.00	63.23 2.43 -23.42	82.43 2.91 -37.71	87.69 3.03 -39.46	205.64 3.28 -153.71	141.14 3.77 -58.93	129.23 4.14 -50.75	94.98 4.62 -30.15	160.20 3.70 -104.60	221.68 3.91 -156.18	256.82 3.72 -198.50	72.62 3.80 -7.29	74.36 3.17 0.00	55.74 2.87 -0.25	46.04 2.65 -2.49	40.41 2.86 -2.98

PORT_JEFF_IC 23713	90.97 2.69 -49.10	90.14 2.01 -59.08	51.62 1.75 -24.25	29.14 1.67 -2.28	35.42 1.36 -10.34	33.04 1.86 0.00	33.51 1.83 0.00	46.03 2.21 -5.61	43.36 2.61 0.00	63.31 2.51 -23.42	82.54 3.02 -37.71	89.31 3.18 -40.93	224.25 3.51 -172.08	150.31 4.19 -67.68	136.64 4.35 -57.95	97.37 4.71 -32.45	171.87 3.76 -116.21	241.55 4.00 -175.95	281.53 3.78 -223.14	72.73 3.85 -7.34	74.38 3.20 0.00	55.87 3.00 -0.25	46.18 2.80 -2.49	40.49 2.94 -2.98
PPL PILGRIM_ST_GT1 24216	90.80 2.52 -49.10	90.15 2.02 -59.08	51.71 1.83 -24.26	29.23 1.76 -2.28	35.49 1.43 -10.34	33.15 1.97 0.00	33.59 1.91 0.00	46.09 2.28 -5.61	43.43 2.68 0.00	63.32 2.52 -23.42	82.49 2.96 -37.71	79.89 2.89 -31.80	110.00 3.05 -58.29	95.48 3.53 -13.50	92.55 3.85 -14.36	82.91 4.51 -18.19	99.82 3.63 -44.29	118.99 3.90 -53.48	128.82 3.72 -70.49	72.37 3.86 -6.98	74.89 3.70 0.00	56.17 3.30 -0.25	46.31 2.93 -2.49	40.54 2.99 -2.98
PPL PILGRIM_ST_GT2 24217	90.80 2.52 -49.10	90.15 2.02 -59.08	51.71 1.83 -24.26	29.23 1.76 -2.28	35.49 1.43 -10.34	33.15 1.97 0.00	33.59 1.91 0.00	46.09 2.28 -5.61	43.43 2.68 0.00	63.32 2.52 -23.42	82.49 2.96 -37.71	79.89 2.89 -31.80	110.00 3.05 -58.29	95.48 3.53 -13.50	92.55 3.85 -14.36	82.91 4.51 -18.19	99.82 3.63 -44.29	118.99 3.90 -53.48	128.82 3.72 -70.49	72.37 3.86 -6.98	74.89 3.70 0.00	56.17 3.30 -0.25	46.31 2.93 -2.49	40.54 2.99 -2.98
PPL_SHRM_GT3 24213	90.84 2.56 -49.10	90.02 1.89 -59.08	51.50 1.63 -24.26	29.02 1.55 -2.28	35.30 1.24 -10.34	32.90 1.72 0.00	33.36 1.68 0.00	45.88 2.06 -5.61	43.20 2.45 0.00	63.17 2.37 -23.42	82.40 2.88 -37.71	87.92 3.05 -39.67	208.36 3.44 -156.27	142.82 4.22 -60.14	130.84 4.73 -51.77	95.80 5.13 -30.47	162.29 4.18 -106.21	225.01 4.48 -158.93	260.88 4.35 -201.92	73.41 4.59 -7.29	75.16 3.97 0.00	56.20 3.33 -0.25	46.22 2.83 -2.49	40.43 2.88 -2.98
PPL_SHRM_GT4 24214	90.84 2.56 -49.10	90.02 1.89 -59.08	51.50 1.63 -24.26	29.02 1.55 -2.28	35.30 1.24 -10.34	32.90 1.72 0.00	33.36 1.68 0.00	45.88 2.06 -5.61	43.20 2.45 0.00	63.17 2.37 -23.42	82.40 2.88 -37.71	87.92 3.05 -39.67	208.36 3.44 -156.27	142.82 4.22 -60.14	130.84 4.73 -51.77	95.80 5.13 -30.47	162.29 4.18 -106.21	225.01 4.48 -158.93	260.88 4.35 -201.92	73.41 4.59 -7.29	75.16 3.97 0.00	56.20 3.33 -0.25	46.22 2.83 -2.49	40.43 2.88 -2.98
PROJECT___ORANGE 1 24174	39.18 -0.01 -0.01	29.00 -0.06 0.00	25.54 -0.08 0.00	25.08 -0.12 0.00	23.59 -0.13 0.00	31.06 -0.12 0.00	31.63 -0.05 0.00	39.11 0.00 -0.91	43.75 0.12 -2.87	37.92 0.23 -0.30	46.24 0.50 -3.93	52.76 0.75 -6.81	55.75 1.04 -6.05	81.08 1.34 -1.25	80.75 1.44 -5.07	65.25 1.31 -3.61	55.99 1.44 -2.78	66.60 1.37 -3.63	62.37 1.58 -6.18	71.55 1.76 -8.26	81.05 2.01 -7.85	56.93 1.48 -2.83	41.93 1.03 0.00	35.29 0.71 0.00
PROJECT___ORANGE 2 24166	39.18 -0.01 -0.01	29.00 -0.06 0.00	25.54 -0.08 0.00	25.08 -0.12 0.00	23.59 -0.13 0.00	31.06 -0.12 0.00	31.63 -0.05 0.00	39.11 0.00 -0.91	43.75 0.12 -2.87	37.92 0.23 -0.30	46.24 0.50 -3.93	52.76 0.75 -6.81	55.75 1.04 -6.05	81.08 1.34 -1.25	80.75 1.44 -5.07	65.25 1.31 -3.61	55.99 1.44 -2.78	66.60 1.37 -3.63	62.37 1.58 -6.18	71.55 1.76 -8.26	81.05 2.01 -7.85	56.93 1.48 -2.83	41.93 1.03 0.00	35.29 0.71 0.00
PUCKETT___SOLAR 323809	40.08 0.89 -0.01	29.65 0.60 0.00	26.15 0.53 0.00	25.65 0.46 0.00	24.21 0.50 0.00	31.92 0.74 0.00	32.54 0.85 0.00	39.98 1.17 -0.60	43.99 1.35 -1.89	38.87 1.29 -0.20	46.03 1.64 -2.58	51.63 1.96 -4.47	54.88 2.25 -3.97	82.40 3.14 -0.82	80.66 2.99 -3.33	65.69 3.11 -2.37	56.61 2.88 -1.83	67.20 3.22 -2.38	58.21 3.42 -0.18	65.52 3.98 0.00	76.03 4.84 0.00	56.13 3.51 0.00	43.46 2.56 0.00	36.51 1.94 0.00
PYRITES___HYD 24023	39.45 0.26 0.00	29.02 -0.04 0.00	25.53 -0.09 0.00	25.12 -0.07 0.00	23.86 0.14 0.00	31.41 0.23 0.00	32.08 0.40 0.00	38.95 0.49 -0.26	41.70 0.14 -0.81	37.61 0.14 -0.08	42.69 -0.24 -1.11	46.57 -0.55 -1.92	49.32 -1.04 -1.71	78.04 -0.76 -0.35	75.10 -0.67 -1.43	59.19 -2.03 -1.02	50.91 -1.78 -0.79	61.17 -1.45 -1.02	-15.48 -1.76 68.33	-35.71 -1.61 95.62	-20.79 -1.02 90.96	19.29 -0.62 32.72	40.50 -0.40 0.00	33.97 -0.61 0.00
QUAKERRD_115KV_BK1 80622	38.80 -0.38 0.00	28.69 -0.36 0.00	25.27 -0.35 0.00	24.75 -0.45 0.00	23.22 -0.49 0.00	30.68 -0.50 0.00	31.30 -0.39 0.00	37.81 -0.40 0.00	40.87 0.11 0.00	37.81 0.42 0.00	42.86 1.04 0.00	46.52 1.32 0.00	50.33 1.68 0.00	80.64 2.19 0.00	76.03 1.70 0.00	62.09 1.88 0.00	53.85 1.95 0.00	63.51 1.91 0.00	56.93 2.32 0.00	64.60 3.06 0.00	74.85 3.66 0.00	55.49 2.87 0.00	42.92 2.03 0.00	35.95 1.38 0.00
QUENSBRY_115KV_TB8 356137	42.23 3.05 0.00	32.86 2.11 -1.69	27.86 1.85 -0.39	27.07 1.81 -0.06	26.92 1.63 -1.57	33.55 2.37 0.00	34.07 2.39 0.00	41.91 2.85 -0.85	43.47 2.72 0.00	41.94 1.92 -2.63	44.42 2.60 0.00	47.98 2.78 0.00	51.80 3.15 0.00	84.73 6.28 0.00	80.98 6.64 0.00	66.46 6.25 0.00	56.92 5.01 0.00	67.46 5.86 0.00	60.35 5.74 0.00	67.98 6.45 0.00	78.20 7.01 0.00	60.51 5.26 -2.63	46.79 4.12 -1.76	37.95 3.36 -0.01
RAMAPO___LBMP 323565	40.53 1.35 0.00	14.25 0.97 15.77	22.82 0.83 3.62	25.39 0.80 0.60	9.70 0.60 14.62	31.99 0.81 0.00	32.51 0.83 0.00	31.24 0.96 7.93	41.83 1.08 0.00	13.87 0.93 24.45	42.81 1.00 0.00	46.33 1.13 0.00	50.11 1.45 0.00	79.97 1.53 0.00	76.22 1.89 0.00	62.83 2.63 0.00	54.03 2.13 0.00	63.78 2.18 0.00	56.76 2.15 0.00	63.39 1.86 0.00	73.08 1.90 0.00	54.13 1.51 0.00	42.25 1.35 0.00	36.04 1.58 0.11
RANKINE____ 23646	39.53 0.34 0.00	29.18 0.13 0.00	25.66 0.04 0.00	25.05 -0.15 0.00	23.48 -0.23 0.00	31.16 -0.02 0.00	31.87 0.19 0.00	38.55 0.33 0.00	42.09 1.34 0.00	39.04 1.66 0.00	44.67 2.86 0.00	48.57 3.37 0.00	52.47 3.82 0.00	83.61 5.17 0.00	78.64 4.30 0.00	64.36 4.15 0.00	55.94 4.04 0.00	65.56 3.96 0.00	59.20 4.58 0.00	67.50 5.97 0.00	78.63 7.44 0.00	58.49 5.86 -0.01	45.23 4.30 -0.02	37.80 3.23 0.00
RAVENSWOOD_GT2_1 24244	41.01 1.83 0.00	41.41 1.30 -11.05	29.28 1.12 -2.54	26.69 1.08 -0.42	34.81 0.85 -10.25	32.33 1.15 0.00	32.88 1.20 0.00	45.23 1.46 -5.56	42.40 1.65 0.00	55.97 1.46 -17.13	43.32 1.50 0.00	46.80 1.60 0.00	50.54 1.89 0.00	80.59 2.15 0.00	76.86 2.52 0.00	63.39 3.19 0.00	54.46 2.56 0.00	64.23 2.64 0.00	57.07 2.46 0.00	63.67 2.14 0.00	73.33 2.14 0.00	54.59 1.72 -0.25	42.71 1.65 -0.17	36.67 2.02 -0.08
RAVENSWOOD_GT2_2 24245	41.01 1.83 0.00	41.41 1.30 -11.05	29.28 1.12 -2.54	26.69 1.08 -0.42	34.81 0.85 -10.25	32.33 1.15 0.00	32.88 1.20 0.00	45.23 1.46 -5.56	42.40 1.65 0.00	55.97 1.46 -17.13	43.32 1.50 0.00	46.80 1.60 0.00	50.54 1.89 0.00	80.59 2.15 0.00	76.86 2.52 0.00	63.39 3.19 0.00	54.46 2.56 0.00	64.23 2.64 0.00	57.07 2.46 0.00	63.67 2.14 0.00	73.33 2.14 0.00	54.59 1.72 -0.25	42.71 1.65 -0.17	36.67 2.02 -0.08



RAVENSWOOD_GT2_3 24246	41.03 1.84 0.00	41.42 1.31 -11.05	29.29 1.13 -2.54	26.70 1.09 -0.42	34.83 0.87 -10.25	32.36 1.17 0.00	32.91 1.22 0.00	45.24 1.47 -5.56	42.43 1.68 0.00	56.00 1.48 -17.13	43.35 1.54 0.00	46.83 1.63 0.00	50.59 1.93 0.00	80.66 2.21 0.00	76.91 2.57 0.00	63.45 3.24 0.00	54.50 2.60 0.00	64.27 2.67 0.00	57.11 2.50 0.00	63.72 2.19 0.00	73.38 2.19 0.00	54.64 1.77 -0.25	42.74 1.67 -0.17	36.70 2.05 -0.08
RAVENSWOOD_GT2_4 24247	41.03 1.84 0.00	41.42 1.31 -11.05	29.29 1.13 -2.54	26.70 1.09 -0.42	34.83 0.87 -10.25	32.36 1.17 0.00	32.91 1.22 0.00	45.24 1.47 -5.56	42.43 1.68 0.00	56.00 1.48 -17.13	43.35 1.54 0.00	46.83 1.63 0.00	50.59 1.93 0.00	80.66 2.21 0.00	76.91 2.57 0.00	63.45 3.24 0.00	54.50 2.60 0.00	64.27 2.67 0.00	57.11 2.50 0.00	63.72 2.19 0.00	73.38 2.19 0.00	54.64 1.77 -0.25	42.74 1.67 -0.17	36.70 2.05 -0.08
RAVENSWOOD_GT3_1 24248	41.01 1.83 0.00	41.41 1.30 -11.05	29.28 1.12 -2.54	26.69 1.08 -0.42	34.81 0.85 -10.25	32.33 1.15 0.00	32.88 1.20 0.00	45.23 1.46 -5.56	42.40 1.65 0.00	55.97 1.46 -17.13	43.32 1.50 0.00	46.80 1.60 0.00	50.54 1.89 0.00	80.61 2.16 0.00	76.86 2.52 0.00	63.39 3.19 0.00	54.46 2.56 0.00	64.23 2.64 0.00	57.07 2.46 0.00	63.68 2.15 0.00	73.35 2.16 0.00	54.59 1.72 -0.25	42.71 1.65 -0.17	36.67 2.02 -0.08
RAVENSWOOD_GT3_2 24249	41.01 1.83 0.00	41.41 1.30 -11.05	29.28 1.12 -2.54	26.69 1.08 -0.42	34.81 0.85 -10.25	32.33 1.15 0.00	32.88 1.20 0.00	45.23 1.46 -5.56	42.40 1.65 0.00	55.97 1.46 -17.13	43.32 1.50 0.00	46.80 1.60 0.00	50.54 1.89 0.00	80.61 2.16 0.00	76.86 2.52 0.00	63.39 3.19 0.00	54.46 2.56 0.00	64.23 2.64 0.00	57.07 2.46 0.00	63.68 2.15 0.00	73.35 2.16 0.00	54.59 1.72 -0.25	42.71 1.65 -0.17	36.67 2.02 -0.08
RAVENSWOOD_GT3_3 24250	41.09 1.90 0.00	41.46 1.36 -11.05	29.32 1.17 -2.54	26.73 1.12 -0.42	34.86 0.90 -10.25	32.39 1.21 0.00	32.94 1.26 0.00	45.30 1.54 -5.56	42.49 1.74 0.00	56.06 1.54 -17.13	43.43 1.62 0.00	46.92 1.71 0.00	50.68 2.03 0.00	80.81 2.36 0.00	77.05 2.71 0.00	63.56 3.36 0.00	54.60 2.70 0.00	64.39 2.79 0.00	57.21 2.60 0.00	63.81 2.28 0.00	73.51 2.32 0.00	54.73 1.86 -0.25	42.81 1.74 -0.17	36.75 2.10 -0.08
RAVENSWOOD_GT3_4 24251	41.09 1.90 0.00	41.46 1.36 -11.05	29.32 1.17 -2.54	26.73 1.12 -0.42	34.86 0.90 -10.25	32.39 1.21 0.00	32.94 1.26 0.00	45.30 1.54 -5.56	42.49 1.74 0.00	56.06 1.54 -17.13	43.43 1.62 0.00	46.92 1.71 0.00	50.68 2.03 0.00	80.81 2.36 0.00	77.05 2.71 0.00	63.56 3.36 0.00	54.60 2.70 0.00	64.39 2.79 0.00	57.21 2.60 0.00	63.81 2.28 0.00	73.51 2.32 0.00	54.73 1.86 -0.25	42.81 1.74 -0.17	36.75 2.10 -0.08
RAVENSWOOD_GT_1 23729	41.06 1.88 0.00	41.44 1.34 -11.05	29.30 1.14 -2.54	26.71 1.09 -0.42	34.83 0.87 -10.25	32.37 1.18 0.00	32.95 1.27 0.00	45.30 1.53 -5.56	42.52 1.77 0.00	56.08 1.56 -17.13	43.43 1.61 0.00	46.91 1.70 0.00	50.61 1.96 0.00	80.70 2.25 0.00	76.93 2.59 0.00	63.43 3.23 0.00	54.40 2.50 0.00	64.12 2.52 0.00	56.95 2.34 0.00	63.57 2.03 0.00	73.22 2.03 0.00	54.56 1.68 -0.25	42.76 1.69 -0.17	36.75 2.11 -0.08
RAVENSWOOD_GT_10 24258	41.01 1.83 0.00	41.41 1.30 -11.05	29.28 1.12 -2.54	26.69 1.08 -0.42	34.82 0.86 -10.25	32.33 1.15 0.00	32.88 1.20 0.00	45.23 1.46 -5.56	42.40 1.64 0.00	55.97 1.45 -17.13	43.32 1.50 0.00	46.80 1.60 0.00	50.54 1.89 0.00	80.61 2.16 0.00	76.87 2.53 0.00	63.40 3.19 0.00	54.47 2.57 0.00	64.25 2.65 0.00	57.08 2.47 0.00	63.69 2.16 0.00	73.35 2.16 0.00	54.61 1.74 -0.25	42.72 1.65 -0.17	36.67 2.02 -0.08
RAVENSWOOD_GT_11 24259	41.01 1.83 0.00	41.41 1.30 -11.05	29.28 1.12 -2.54	26.69 1.08 -0.42	34.82 0.86 -10.25	32.33 1.15 0.00	32.88 1.20 0.00	45.23 1.46 -5.56	42.40 1.64 0.00	55.97 1.45 -17.13	43.32 1.50 0.00	46.80 1.60 0.00	50.54 1.89 0.00	80.61 2.16 0.00	76.87 2.53 0.00	63.40 3.19 0.00	54.47 2.57 0.00	64.25 2.65 0.00	57.08 2.47 0.00	63.69 2.16 0.00	73.35 2.16 0.00	54.61 1.74 -0.25	42.72 1.65 -0.17	36.67 2.02 -0.08
RAVENSWOOD_GT_4 24252	41.01 1.83 0.00	41.41 1.30 -11.05	29.29 1.13 -2.54	26.69 1.08 -0.42	34.82 0.86 -10.25	32.34 1.16 0.00	32.88 1.20 0.00	45.23 1.46 -5.56	42.40 1.64 0.00	55.96 1.45 -17.13	43.31 1.50 0.00	46.80 1.60 0.00	50.55 1.90 0.00	80.62 2.18 0.00	76.88 2.54 0.00	63.43 3.22 0.00	54.50 2.60 0.00	64.30 2.70 0.00	57.14 2.53 0.00	63.74 2.21 0.00	73.42 2.24 0.00	54.64 1.77 -0.25	42.73 1.66 -0.17	36.67 2.02 -0.08
RAVENSWOOD_GT_5 24254	41.01 1.83 0.00	41.41 1.30 -11.05	29.29 1.13 -2.54	26.69 1.08 -0.42	34.82 0.86 -10.25	32.34 1.16 0.00	32.88 1.20 0.00	45.23 1.46 -5.56	42.40 1.64 0.00	55.96 1.45 -17.13	43.31 1.50 0.00	46.80 1.60 0.00	50.55 1.90 0.00	80.62 2.18 0.00	76.88 2.54 0.00	63.43 3.22 0.00	54.50 2.60 0.00	64.30 2.70 0.00	57.14 2.53 0.00	63.74 2.21 0.00	73.42 2.24 0.00	54.64 1.77 -0.25	42.73 1.66 -0.17	36.67 2.02 -0.08
RAVENSWOOD_GT_6 24253	41.01 1.83 0.00	41.41 1.30 -11.05	29.29 1.13 -2.54	26.69 1.08 -0.42	34.82 0.86 -10.25	32.34 1.16 0.00	32.88 1.20 0.00	45.23 1.46 -5.56	42.40 1.64 0.00	55.96 1.45 -17.13	43.31 1.50 0.00	46.80 1.60 0.00	50.55 1.90 0.00	80.62 2.18 0.00	76.88 2.54 0.00	63.43 3.22 0.00	54.50 2.60 0.00	64.30 2.70 0.00	57.14 2.53 0.00	63.74 2.21 0.00	73.42 2.24 0.00	54.64 1.77 -0.25	42.73 1.66 -0.17	36.67 2.02 -0.08
RAVENSWOOD_GT_7 24255	41.01 1.83 0.00	41.41 1.30 -11.05	29.29 1.13 -2.54	26.69 1.08 -0.42	34.82 0.86 -10.25	32.34 1.16 0.00	32.88 1.20 0.00	45.23 1.46 -5.56	42.40 1.64 0.00	55.96 1.45 -17.13	43.31 1.50 0.00	46.80 1.60 0.00	50.55 1.90 0.00	80.62 2.18 0.00	76.88 2.54 0.00	63.43 3.22 0.00	54.50 2.60 0.00	64.30 2.70 0.00	57.14 2.53 0.00	63.74 2.21 0.00	73.42 2.24 0.00	54.64 1.77 -0.25	42.73 1.66 -0.17	36.67 2.02 -0.08
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	41.01 1.83 0.00	41.41 1.30 -11.05	29.28 1.12 -2.54	26.69 1.08 -0.42	34.82 0.86 -10.25	32.33 1.15 0.00	32.88 1.20 0.00	45.23 1.46 -5.56	42.40 1.64 0.00	55.97 1.45 -17.13	43.32 1.50 0.00	46.80 1.60 0.00	50.54 1.89 0.00	80.61 2.16 0.00	76.87 2.53 0.00	63.40 3.19 0.00	54.47 2.57 0.00	64.25 2.65 0.00	57.08 2.47 0.00	63.69 2.16 0.00	73.35 2.16 0.00	54.61 1.74 -0.25	42.72 1.65 -0.17	36.67 2.02 -0.08
RAVENSWOOD_GT_9 24257	41.01 1.83 0.00	41.41 1.30 -11.05	29.28 1.12 -2.54	26.69 1.08 -0.42	34.82 0.86 -10.25	32.33 1.15 0.00	32.88 1.20 0.00	45.23 1.46 -5.56	42.40 1.64 0.00	55.97 1.45 -17.13	43.32 1.50 0.00	46.80 1.60 0.00	50.54 1.89 0.00	80.61 2.16 0.00	76.87 2.53 0.00	63.40 3.19 0.00	54.47 2.57 0.00	64.25 2.65 0.00	57.08 2.47 0.00	63.69 2.16 0.00	73.35 2.16 0.00	54.61 1.74 -0.25	42.72 1.65 -0.17	36.67 2.02 -0.08

RAVENSWOOD___1 23533	41.02 1.84 0.00	41.42 1.32 -11.05	29.29 1.13 -2.54	26.69 1.08 -0.42	34.81 0.85 -10.25	32.35 1.17 0.00	32.92 1.24 0.00	45.26 1.49 -5.56	42.48 1.72 0.00	56.04 1.52 -17.13	43.39 1.57 0.00	46.87 1.67 0.00	50.59 1.93 0.00	80.63 2.19 0.00	76.88 2.54 0.00	63.41 3.20 0.00	54.38 2.47 0.00	64.07 2.47 0.00	56.92 2.31 0.00	63.53 2.00 0.00	73.16 1.97 0.00	54.52 1.65 -0.25	42.73 1.66 -0.17	36.73 2.08 -0.08
RAVENSWOOD___2 23534	41.01 1.83 0.00	41.40 1.29 -11.05	29.27 1.12 -2.54	26.67 1.06 -0.42	34.80 0.84 -10.25	32.33 1.15 0.00	32.90 1.22 0.00	45.23 1.46 -5.56	42.44 1.69 0.00	56.00 1.49 -17.13	43.35 1.54 0.00	46.83 1.63 0.00	50.56 1.91 0.00	80.59 2.14 0.00	76.76 2.42 0.00	63.25 3.05 0.00	54.07 2.17 0.00	63.57 1.97 0.00	56.40 1.80 0.00	62.97 1.43 0.00	72.50 1.31 0.00	54.03 1.16 -0.25	42.43 1.36 -0.17	36.61 1.96 -0.08
RAVENSWOOD___3 23535	41.01 1.83 0.00	41.41 1.30 -11.05	29.28 1.13 -2.54	26.69 1.08 -0.42	34.82 0.85 -10.25	32.34 1.16 0.00	32.88 1.20 0.00	45.23 1.46 -5.56	42.40 1.65 0.00	55.98 1.46 -17.13	43.32 1.50 0.00	46.80 1.60 0.00	50.54 1.89 0.00	80.61 2.16 0.00	76.87 2.53 0.00	63.39 3.19 0.00	54.46 2.56 0.00	64.24 2.65 0.00	57.07 2.46 0.00	63.68 2.15 0.00	73.35 2.17 0.00	54.60 1.73 -0.25	42.72 1.65 -0.17	36.68 2.03 -0.08
RAVENSWOOD___4 23820	41.01 1.83 0.00	41.40 1.29 -11.05	29.27 1.12 -2.54	26.67 1.06 -0.42	34.80 0.84 -10.25	32.33 1.15 0.00	32.90 1.22 0.00	45.23 1.46 -5.56	42.44 1.69 0.00	56.00 1.49 -17.13	43.35 1.54 0.00	46.83 1.63 0.00	50.56 1.91 0.00	80.59 2.14 0.00	76.83 2.50 0.00	63.36 3.15 0.00	54.33 2.43 0.00	64.03 2.43 0.00	56.89 2.28 0.00	63.50 1.97 0.00	73.13 1.94 0.00	54.48 1.60 -0.25	42.69 1.62 -0.17	36.70 2.05 -0.08
RCPL_TRUST___DRP 24196	41.05 1.86 0.00	41.43 1.32 -11.06	29.30 1.14 -2.54	26.71 1.10 -0.42	34.84 0.87 -10.25	32.36 1.18 0.00	32.91 1.23 0.00	45.30 1.53 -5.56	42.48 1.73 0.00	56.07 1.55 -17.14	43.46 1.65 0.00	46.96 1.76 0.00	50.73 2.08 0.00	80.87 2.43 0.00	77.11 2.77 0.00	63.62 3.41 0.00	54.65 2.75 0.00	64.45 2.86 0.00	57.25 2.64 0.00	63.87 2.33 0.00	73.51 2.32 0.00	54.73 1.86 -0.25	42.79 1.73 -0.17	36.70 2.05 -0.08
RED___ROCHESTER 323720	39.99 0.80 0.00	29.55 0.49 0.00	26.01 0.39 0.00	25.45 0.26 0.00	23.88 0.16 0.00	31.57 0.39 0.00	32.22 0.54 0.00	38.93 0.72 0.00	42.19 1.44 0.00	39.12 1.73 0.00	44.41 2.59 0.00	48.28 3.08 0.00	52.30 3.65 0.00	83.64 5.19 0.00	78.72 4.38 0.00	64.44 4.23 0.00	55.98 4.08 0.00	65.96 4.36 0.00	59.20 4.59 0.00	67.23 5.70 0.00	77.95 6.76 0.00	57.84 5.22 0.01	44.72 3.83 0.01	37.39 2.81 0.00
REGAN___SOLAR 323812	43.63 4.45 0.00	32.28 3.22 0.00	28.45 2.83 0.00	27.92 2.72 0.00	26.22 2.51 0.00	34.55 3.37 0.00	34.83 3.14 0.00	40.78 2.57 0.00	43.15 2.40 0.00	39.16 1.78 0.00	44.13 2.32 0.00	47.26 2.05 0.00	50.65 2.00 0.00	81.75 3.30 0.00	81.74 7.40 0.00	67.22 7.01 0.00	58.34 6.44 0.00	69.97 8.37 0.00	64.21 9.60 0.00	71.10 9.56 0.00	82.79 11.61 0.00	62.34 8.37 -1.35	47.58 5.78 -0.90	39.10 4.53 0.00
RENSSELAER___COGEN 23796	40.05 0.87 0.00	31.75 0.87 -1.83	26.86 0.82 -0.42	26.13 0.87 -0.07	26.12 0.71 -1.69	32.07 0.89 0.00	32.45 0.77 0.00	39.86 0.73 -0.92	41.29 0.54 0.00	40.53 0.32 -2.83	41.96 0.15 0.00	45.29 0.09 0.00	48.93 0.28 0.00	78.63 0.18 0.00	74.89 0.54 0.00	61.46 1.25 0.00	52.87 0.97 0.00	62.59 0.99 0.00	55.61 1.00 0.00	62.44 0.91 0.00	72.14 0.95 0.00	44.45 1.01 9.18	35.69 0.95 6.16	35.63 1.04 -0.01
REPUBLIC_115KV_BARTNBRK 55605	44.78 5.60 0.00	34.42 3.66 -1.70	29.25 3.24 -0.39	28.46 3.21 -0.06	28.24 2.95 -1.58	35.71 4.53 0.00	36.27 4.59 0.00	44.69 5.62 -0.86	45.83 5.08 0.00	43.78 3.76 -2.64	47.20 5.39 0.00	50.94 5.74 0.00	55.08 6.43 0.00	89.60 11.16 0.00	86.97 12.63 0.00	71.16 10.96 0.00	59.74 7.84 0.00	70.79 9.19 0.00	63.82 9.21 0.00	72.03 10.50 0.00	82.08 10.89 0.00	64.33 9.03 -2.69	50.13 7.43 -1.80	40.63 6.05 -0.01
REVERE_CPPR_DRP 24186	41.21 2.02 -0.01	30.37 1.31 0.00	26.75 1.13 0.00	26.22 1.02 0.00	24.64 0.93 0.00	32.50 1.32 0.00	33.24 1.55 0.00	40.66 1.99 -0.46	44.50 2.30 -1.45	39.65 2.11 -0.15	46.18 2.38 -1.98	51.28 2.64 -3.43	54.87 3.16 -3.05	84.45 5.38 -0.63	81.65 4.75 -2.56	66.18 4.15 -1.82	56.81 3.50 -1.40	67.47 4.04 -1.83	76.90 4.00 -18.29	91.74 4.84 -25.37	101.23 5.91 -24.13	65.46 4.16 -8.68	43.87 2.97 0.00	36.80 2.22 0.00
REYNOLDS_115KV_TB3 80639	40.42 1.24 0.00	32.04 1.10 -1.89	27.06 1.00 -0.43	26.29 1.03 -0.07	26.35 0.88 -1.75	32.30 1.12 0.00	32.69 1.00 0.00	40.17 1.01 -0.95	41.61 0.86 0.00	40.89 0.58 -2.93	42.26 0.45 0.00	45.67 0.47 0.00	49.37 0.72 0.00	79.35 0.90 0.00	75.60 1.26 0.00	62.08 1.88 0.00	53.40 1.50 0.00	63.21 1.62 0.00	56.22 1.60 0.00	63.16 1.62 0.00	72.92 1.74 0.00	61.31 1.60 -7.10	47.07 1.41 -4.76	35.98 1.40 -0.01
RIVERBAY____ 323610	41.38 2.20 0.00	41.64 1.53 -11.05	29.50 1.34 -2.54	26.93 1.32 -0.42	35.05 1.09 -10.25	32.61 1.43 0.00	33.20 1.52 0.00	45.54 1.77 -5.56	42.73 1.98 0.00	56.21 1.69 -17.13	43.61 1.80 0.00	47.25 2.04 0.00	51.03 2.38 0.00	81.49 3.05 0.00	77.75 3.41 0.00	64.14 3.93 0.00	55.06 3.15 0.00	64.82 3.22 0.00	57.63 3.02 0.00	72.54 2.67 -8.34	74.00 2.81 0.00	55.07 2.20 -0.25	43.12 2.05 -0.17	37.00 2.35 -0.08
RIVERSIDE_115KV_TB3 55908	40.33 1.15 0.00	31.95 1.04 -1.85	27.00 0.96 -0.42	26.26 0.99 -0.07	26.27 0.84 -1.72	32.25 1.06 0.00	32.63 0.95 0.00	40.10 0.96 -0.93	41.56 0.81 0.00	40.80 0.55 -2.87	42.25 0.44 0.00	45.65 0.44 0.00	49.34 0.69 0.00	79.32 0.88 0.00	75.57 1.23 0.00	62.04 1.84 0.00	53.36 1.46 0.00	63.16 1.57 0.00	56.15 1.54 0.00	63.05 1.52 0.00	72.82 1.63 0.00	57.38 1.49 -3.27	44.40 1.31 -2.19	35.90 1.31 -0.01
ROARING___BROOK_WT_PWR 323790	38.71 -0.47 0.00	28.60 -0.45 0.00	25.26 -0.36 0.00	24.78 -0.41 0.00	23.31 -0.41 0.00	30.70 -0.47 0.00	31.30 -0.38 0.00	37.85 -0.36 0.00	40.36 -0.39 0.00	37.01 -0.38 0.00	41.45 -0.36 0.00	44.82 -0.38 0.00	48.25 -0.41 0.00	77.96 -0.48 0.00	73.82 -0.53 0.00	59.54 -0.67 0.00	51.32 -0.58 0.00	60.82 -0.78 0.00	48.46 -0.65 5.50	53.28 -0.57 7.69	63.13 -0.75 7.31	49.36 -0.63 2.63	40.43 -0.47 0.00	34.11 -0.47 0.00
ROCHESRG_115KV_T4 355643	39.37 0.18 0.00	29.11 0.06 0.00	25.65 0.03 0.00	25.10 -0.09 0.00	23.55 -0.17 0.00	31.13 -0.05 0.00	31.77 0.08 0.00	38.36 0.14 0.00	41.52 0.77 0.00	38.44 1.05 0.00	43.62 1.81 0.00	47.35 2.15 0.00	51.22 2.57 0.00	81.96 3.52 0.00	77.16 2.82 0.00	63.04 2.83 0.00	54.73 2.83 0.00	64.48 2.89 0.00	57.89 3.28 0.00	65.75 4.22 0.00	76.27 5.08 0.00	56.63 4.01 0.00	43.86 2.97 0.01	36.72 2.15 0.00

ROCHESTER_9_IC 23652	39.70 0.52 0.00	29.35 0.29 0.00	25.85 0.23 0.00	25.29 0.10 0.00	23.73 0.02 0.00	31.38 0.20 0.00	32.01 0.32 0.00	38.67 0.46 0.00	41.88 1.13 0.00	38.81 1.42 0.00	44.05 2.23 0.00	47.84 2.64 0.00	51.79 3.14 0.00	82.87 4.42 0.00	78.00 3.66 0.00	63.77 3.56 0.00	55.38 3.48 0.00	65.24 3.64 0.00	58.57 3.96 0.00	66.51 4.98 0.00	77.14 5.95 0.00	57.25 4.64 0.01	44.31 3.42 0.01	37.08 2.50 0.00
ROCKVIEW_13_KV_LD 356306	41.08 1.90 0.00	41.47 1.37 -11.04	29.34 1.19 -2.54	26.74 1.13 -0.42	34.86 0.91 -10.24	32.42 1.24 0.00	32.95 1.27 0.00	45.29 1.53 -5.55	42.47 1.72 0.00	56.04 1.54 -17.12	43.50 1.69 0.00	47.06 1.85 0.00	50.85 2.20 0.00	81.13 2.68 0.00	77.38 3.04 0.00	63.90 3.69 0.00	54.87 2.97 0.00	64.75 3.15 0.00	57.56 2.95 0.00	64.24 2.70 0.00	73.94 2.75 0.00	55.03 2.16 -0.25	42.98 1.91 -0.17	36.79 2.14 -0.08
ROME____115KV_TB2 80656	41.21 2.02 -0.01	30.37 1.31 0.00	26.75 1.13 0.00	26.22 1.02 0.00	24.64 0.93 0.00	32.50 1.32 0.00	33.24 1.55 0.00	40.66 1.99 -0.46	44.50 2.30 -1.45	39.65 2.11 -0.15	46.18 2.38 -1.98	51.28 2.64 -3.43	54.87 3.16 -3.05	84.45 5.38 -0.63	81.65 4.75 -2.56	66.18 4.15 -1.82	56.81 3.50 -1.40	67.47 4.04 -1.83	76.90 4.00 -18.29	91.74 4.84 -25.37	101.23 5.91 -24.13	65.46 4.16 -8.68	43.87 2.97 0.00	36.80 2.22 0.00
ROSETON____1 23587	40.51 1.32 0.00	30.04 0.99 0.00	26.48 0.86 0.00	26.03 0.84 0.00	24.38 0.66 0.00	32.07 0.89 0.00	32.56 0.87 0.00	39.23 1.01 0.00	41.85 1.10 0.00	38.31 0.93 0.00	42.82 1.01 0.00	46.30 1.10 0.00	50.08 1.42 0.00	79.89 1.44 0.00	76.17 1.83 0.00	62.72 2.52 0.00	53.89 1.99 0.00	63.67 2.07 0.00	56.63 2.02 0.00	63.33 1.79 0.00	73.01 1.82 0.00	54.15 1.52 0.00	42.31 1.41 0.00	36.16 1.59 0.00
ROSETON____2 23588	40.51 1.32 0.00	30.04 0.99 0.00	26.48 0.86 0.00	26.03 0.84 0.00	24.38 0.66 0.00	32.07 0.89 0.00	32.56 0.87 0.00	39.23 1.01 0.00	41.85 1.10 0.00	38.31 0.93 0.00	42.82 1.01 0.00	46.30 1.10 0.00	50.08 1.42 0.00	79.89 1.44 0.00	76.17 1.83 0.00	62.72 2.52 0.00	53.89 1.99 0.00	63.67 2.07 0.00	56.63 2.02 0.00	63.33 1.79 0.00	73.01 1.82 0.00	54.15 1.52 0.00	42.31 1.41 0.00	36.16 1.59 0.00
ROTTDAM_115KV_TB3 80664	40.64 1.46 0.00	31.78 1.12 -1.60	26.98 1.00 -0.37	26.23 0.98 -0.06	26.06 0.86 -1.48	32.32 1.14 0.00	32.78 1.10 0.00	40.24 1.23 -0.81	41.94 1.18 0.00	40.81 0.94 -2.48	42.89 1.07 0.00	46.40 1.19 0.00	50.10 1.45 0.00	80.70 2.25 0.00	76.83 2.49 0.00	62.88 2.67 0.00	54.06 2.16 0.00	64.07 2.47 0.00	57.03 2.43 0.00	64.15 2.62 0.00	74.17 2.99 0.00	56.56 2.31 -1.63	43.87 1.88 -1.10	36.23 1.65 -0.01
RUSSELL____1 23602	39.99 0.80 0.00	29.55 0.49 0.00	26.01 0.39 0.00	25.45 0.26 0.00	23.87 0.16 0.00	31.57 0.39 0.00	32.21 0.53 0.00	38.93 0.72 0.00	42.19 1.44 0.00	39.12 1.73 0.00	44.41 2.60 0.00	48.28 3.07 0.00	52.30 3.64 0.00	83.64 5.19 0.00	78.72 4.38 0.00	64.43 4.23 0.00	55.96 4.06 0.00	65.96 4.36 0.00	59.21 4.60 0.00	67.21 5.68 0.00	77.92 6.74 0.00	57.82 5.21 0.01	44.70 3.82 0.01	37.39 2.81 0.00
RUSSELL____2 23532	39.99 0.80 0.00	29.55 0.49 0.00	26.01 0.39 0.00	25.45 0.26 0.00	23.87 0.16 0.00	31.57 0.39 0.00	32.21 0.53 0.00	38.93 0.72 0.00	42.19 1.44 0.00	39.12 1.73 0.00	44.41 2.60 0.00	48.28 3.07 0.00	52.30 3.64 0.00	83.64 5.19 0.00	78.72 4.38 0.00	64.43 4.23 0.00	55.96 4.06 0.00	65.96 4.36 0.00	59.21 4.60 0.00	67.21 5.68 0.00	77.92 6.74 0.00	57.82 5.21 0.01	44.70 3.82 0.01	37.39 2.81 0.00
RUSSELL____3 23549	39.99 0.80 0.00	29.55 0.49 0.00	26.01 0.39 0.00	25.45 0.26 0.00	23.87 0.16 0.00	31.57 0.39 0.00	32.21 0.53 0.00	38.93 0.72 0.00	42.19 1.44 0.00	39.12 1.73 0.00	44.41 2.60 0.00	48.28 3.07 0.00	52.30 3.64 0.00	83.64 5.19 0.00	78.72 4.38 0.00	64.43 4.23 0.00	55.96 4.06 0.00	65.96 4.36 0.00	59.21 4.60 0.00	67.21 5.68 0.00	77.92 6.74 0.00	57.82 5.21 0.01	44.70 3.82 0.01	37.39 2.81 0.00
RUSSELL____4 23556	39.99 0.80 0.00	29.55 0.49 0.00	26.01 0.39 0.00	25.45 0.26 0.00	23.87 0.16 0.00	31.57 0.39 0.00	32.21 0.53 0.00	38.93 0.72 0.00	42.19 1.44 0.00	39.12 1.73 0.00	44.41 2.60 0.00	48.28 3.07 0.00	52.30 3.64 0.00	83.64 5.19 0.00	78.72 4.38 0.00	64.43 4.23 0.00	55.96 4.06 0.00	65.96 4.36 0.00	59.21 4.60 0.00	67.21 5.68 0.00	77.92 6.74 0.00	57.82 5.21 0.01	44.70 3.82 0.01	37.39 2.81 0.00
RUSSELL____STATION 23914	39.99 0.80 0.00	29.55 0.49 0.00	26.01 0.39 0.00	25.45 0.26 0.00	23.87 0.16 0.00	31.57 0.39 0.00	32.21 0.53 0.00	38.93 0.72 0.00	42.19 1.44 0.00	39.12 1.73 0.00	44.41 2.60 0.00	48.28 3.07 0.00	52.30 3.64 0.00	83.64 5.19 0.00	78.72 4.38 0.00	64.43 4.23 0.00	55.96 4.06 0.00	65.96 4.36 0.00	59.21 4.60 0.00	67.21 5.68 0.00	77.92 6.74 0.00	57.82 5.21 0.01	44.70 3.82 0.01	37.39 2.81 0.00
S SALMON____HYD 24043	39.36 0.15 -0.03	28.97 -0.09 0.00	25.54 -0.08 0.00	25.01 -0.18 0.00	23.52 -0.20 0.00	31.02 -0.16 0.00	31.79 0.11 0.00	40.61 0.25 -2.15	47.89 0.34 -6.80	38.49 0.39 -0.72	51.67 0.56 -9.30	62.13 0.82 -16.10	64.11 1.14 -14.31	83.04 1.65 -2.95	87.94 1.61 -11.99	70.12 1.38 -8.54	59.60 1.12 -6.58	71.40 1.22 -8.58	79.51 1.55 -23.35	95.36 2.09 -31.73	104.10 2.72 -30.18	65.48 2.00 -10.86	42.34 1.44 0.00	35.48 0.91 0.00
S.PERRY__115KV_TB1 80734	39.93 0.75 0.00	29.34 0.28 0.00	25.73 0.10 0.00	25.17 -0.02 0.00	23.62 -0.10 0.00	31.31 0.12 0.00	32.14 0.46 0.00	38.92 0.70 0.00	41.56 0.81 0.00	38.80 1.42 0.00	43.18 1.37 0.00	45.91 0.71 0.00	49.53 0.88 0.00	79.12 0.67 0.00	74.76 0.43 0.00	61.28 1.07 0.00	53.47 1.57 0.00	63.18 1.59 0.00	56.84 2.23 0.00	64.53 2.99 0.00	75.47 4.28 0.00	56.22 3.60 0.00	45.10 4.20 0.00	37.54 2.97 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	39.11 -0.08 0.00	28.92 -0.14 0.00	25.46 -0.15 0.00	24.86 -0.34 0.00	23.28 -0.44 0.00	30.87 -0.31 0.00	31.55 -0.13 0.00	38.07 -0.14 0.00	41.57 0.81 0.00	38.53 1.14 0.00	44.08 2.26 0.00	47.87 2.67 0.00	51.72 3.06 0.00	82.47 4.03 0.00	77.43 3.09 0.00	63.34 3.13 0.00	55.10 3.20 0.00	64.57 2.97 0.00	58.33 3.72 0.00	66.61 5.08 0.00	77.53 6.34 0.00	57.77 5.14 -0.01	44.72 3.80 -0.02	37.39 2.82 0.00
SAWYER____23_KV_LOAD 55526	39.11 -0.08 0.00	28.92 -0.14 0.00	25.46 -0.15 0.00	24.86 -0.34 0.00	23.28 -0.44 0.00	30.87 -0.31 0.00	31.55 -0.13 0.00	38.07 -0.14 0.00	41.57 0.81 0.00	38.53 1.14 0.00	44.08 2.26 0.00	47.87 2.67 0.00	51.72 3.06 0.00	82.47 4.03 0.00	77.43 3.09 0.00	63.34 3.13 0.00	55.10 3.20 0.00	64.57 2.97 0.00	58.33 3.72 0.00	66.61 5.08 0.00	77.53 6.34 0.00	57.77 5.14 -0.01	44.72 3.80 -0.02	37.39 2.82 0.00

SELKIRK___I 23801	40.32 1.14 0.00	31.77 1.09 -1.63	27.02 1.03 -0.37	26.31 1.05 -0.06	26.15 0.92 -1.51	32.32 1.14 0.00	32.71 1.03 0.00	39.97 0.94 -0.82	41.52 0.77 0.00	40.45 0.53 -2.53	42.11 0.29 0.00	45.37 0.17 0.00	49.01 0.36 0.00	78.72 0.27 0.00	74.93 0.59 0.00	61.59 1.39 0.00	53.05 1.15 0.00	62.90 1.30 0.00	55.86 1.25 0.00	62.76 1.23 0.00	72.67 1.49 0.00	49.57 1.42 4.47	39.20 1.30 3.00	35.92 1.34 -0.01
SELKIRK___II 23799	39.89 0.71 0.00	31.63 0.83 -1.75	26.83 0.80 -0.40	26.09 0.83 -0.07	26.04 0.70 -1.63	32.05 0.87 0.00	32.46 0.78 0.00	39.85 0.76 -0.88	41.36 0.61 0.00	40.53 0.42 -2.72	42.07 0.25 0.00	45.24 0.03 0.00	48.78 0.12 0.00	78.33 -0.12 0.00	74.56 0.22 0.00	61.13 0.92 0.00	52.60 0.70 0.00	62.24 0.64 0.00	55.25 0.64 0.00	62.05 0.51 0.00	71.72 0.53 0.00	48.07 0.68 5.24	38.19 0.81 3.51	35.61 1.03 -0.01
SENECA OSWGO___HYD 24041	38.82 -0.40 -0.04	28.72 -0.34 0.00	25.29 -0.33 0.00	24.84 -0.36 0.00	23.37 -0.35 0.00	30.75 -0.43 0.00	31.31 -0.37 0.00	40.82 -0.41 -3.02	49.95 -0.36 -9.55	38.16 -0.24 -1.01	54.80 -0.09 -13.07	67.95 0.12 -22.63	69.08 0.32 -20.11	82.88 0.29 -4.14	91.50 0.30 -16.86	72.74 0.53 -12.00	61.67 0.52 -9.25	74.18 0.52 -12.06	63.09 0.44 -8.04	72.33 0.84 -9.96	81.63 0.97 -9.47	56.76 0.73 -3.41	41.35 0.45 0.00	34.82 0.24 0.00
SENECA___115KV_TB3 355854	39.61 0.42 0.00	29.24 0.19 0.00	25.71 0.09 0.00	25.10 -0.10 0.00	23.53 -0.19 0.00	31.23 0.05 0.00	31.94 0.25 0.00	38.62 0.42 0.00	42.19 1.44 0.00	39.13 1.75 0.00	44.78 2.97 0.00	48.69 3.49 0.00	52.58 3.93 0.00	83.81 5.36 0.00	78.85 4.51 0.00	64.53 4.32 0.00	56.09 4.19 0.00	65.73 4.14 0.00	59.35 4.74 0.00	67.67 6.14 0.00	78.84 7.65 0.00	58.64 6.01 -0.01	45.33 4.41 -0.02	37.89 3.31 0.00
SENECA___ENERGY 23797	39.59 0.39 -0.02	29.27 0.22 0.00	25.74 0.12 0.00	25.21 0.02 0.00	23.72 0.00 0.00	31.32 0.14 0.00	32.00 0.32 0.00	39.91 0.50 -1.20	45.39 0.83 -3.80	38.77 0.99 -0.40	48.58 1.56 -5.20	56.15 1.94 -9.00	58.89 2.24 -8.00	83.24 3.15 -1.65	83.97 2.93 -6.71	67.79 2.81 -4.77	58.27 2.69 -3.68	69.39 3.00 -4.80	62.29 3.32 -4.36	71.08 3.96 -5.59	81.26 4.75 -5.31	58.01 3.48 -1.91	43.39 2.49 0.00	36.37 1.80 0.00
SHOEMAKER___GT 23640	40.49 1.30 0.00	20.26 0.97 9.75	24.22 0.84 2.24	25.62 0.80 0.37	15.31 0.65 9.05	32.04 0.86 0.00	32.53 0.85 0.00	34.30 0.99 4.91	41.81 1.06 0.00	23.17 0.91 15.13	42.83 1.01 0.00	46.35 1.15 0.00	50.09 1.43 0.00	80.08 1.63 0.00	76.30 1.96 0.00	62.70 2.49 0.00	53.93 2.03 0.00	63.74 2.14 0.00	56.80 2.19 0.00	63.72 2.19 0.00	73.52 2.33 0.00	54.47 1.85 0.00	42.45 1.55 0.00	36.09 1.59 0.07
SHOEMAKR_138KV_BK 111 55601	40.45 1.27 0.00	20.71 0.93 9.27	24.30 0.81 2.13	25.62 0.78 0.35	15.73 0.62 8.60	32.01 0.83 0.00	32.50 0.82 0.00	34.50 0.96 4.67	41.78 1.03 0.00	23.89 0.88 14.38	42.80 0.98 0.00	46.32 1.12 0.00	50.06 1.41 0.00	80.02 1.57 0.00	76.24 1.91 0.00	62.68 2.47 0.00	53.91 2.01 0.00	63.71 2.11 0.00	56.74 2.13 0.00	63.61 2.07 0.00	73.38 2.20 0.00	54.37 1.75 0.00	42.38 1.48 0.00	36.05 1.55 0.07
SHOREHAM_IC_1 23715	90.84 2.56 -49.10	90.02 1.89 -59.08	51.50 1.63 -24.26	29.02 1.55 -2.28	35.30 1.24 -10.34	32.90 1.72 0.00	33.36 1.68 0.00	45.88 2.06 -5.61	43.20 2.45 0.00	63.17 2.37 -23.42	82.40 2.88 -37.71	87.92 3.05 -39.67	208.36 3.44 -156.27	142.82 4.22 -60.14	130.84 4.73 -51.77	95.80 5.13 -30.47	162.29 4.18 -106.21	225.01 4.48 -158.93	260.88 4.35 -201.92	73.41 4.59 -7.29	75.16 3.97 0.00	56.20 3.33 -0.25	46.22 2.83 -2.49	40.43 2.88 -2.98
SHOREHAM_IC_2 23716	90.84 2.56 -49.10	90.02 1.89 -59.08	51.50 1.63 -24.26	29.02 1.55 -2.28	35.30 1.24 -10.34	32.90 1.72 0.00	33.36 1.68 0.00	45.88 2.06 -5.61	43.20 2.45 0.00	63.17 2.37 -23.42	82.40 2.88 -37.71	87.92 3.05 -39.67	208.36 3.44 -156.27	142.82 4.22 -60.14	130.84 4.73 -51.77	95.80 5.13 -30.47	162.29 4.18 -106.21	225.01 4.48 -158.93	260.88 4.35 -201.92	73.41 4.59 -7.29	75.16 3.97 0.00	56.20 3.33 -0.25	46.22 2.83 -2.49	40.43 2.88 -2.98
SISSONVILLE____ 23735	38.67 -0.52 0.00	28.45 -0.61 0.00	25.05 -0.57 0.00	24.63 -0.56 0.00	23.37 -0.34 0.00	30.75 -0.43 0.00	31.40 -0.28 0.00	38.13 -0.36 -0.28	40.87 -0.77 -0.89	36.80 -0.68 -0.09	41.98 -1.05 -1.21	45.80 -1.49 -2.09	48.56 -1.95 -1.86	76.56 -2.27 -0.38	73.89 -2.01 -1.56	58.07 -3.24 -1.11	49.94 -2.81 -0.85	59.66 -3.05 -1.12	-22.46 -3.08 73.99	-45.13 -3.12 103.54	-30.46 -3.16 98.49	15.13 -2.06 35.42	39.56 -1.34 0.00	33.29 -1.28 0.00
SITHE_IND_GS1 24169	38.04 -1.03 0.11	28.28 -0.77 0.00	24.93 -0.69 0.00	24.48 -0.71 0.00	23.04 -0.68 0.00	30.31 -0.87 0.00	30.83 -0.85 0.00	28.45 -1.00 8.76	12.02 -1.03 27.71	33.60 -0.87 2.92	3.06 -0.83 37.92	-21.19 -0.76 65.62	-10.33 -0.64 58.33	65.20 -1.23 12.02	24.27 -1.19 48.88	24.69 -0.71 34.80	24.52 -0.57 26.82	25.82 -0.80 34.98	51.48 -0.48 2.65	61.04 -0.49 0.00	70.60 -0.58 0.00	52.25 -0.37 0.00	40.54 -0.36 0.00	34.17 -0.41 0.00
SITHE_IND_GS2 24170	38.04 -1.03 0.11	28.28 -0.77 0.00	24.93 -0.69 0.00	24.48 -0.71 0.00	23.04 -0.68 0.00	30.31 -0.87 0.00	30.83 -0.85 0.00	28.45 -1.00 8.76	12.02 -1.03 27.71	33.60 -0.87 2.92	3.06 -0.83 37.92	-21.19 -0.76 65.62	-10.33 -0.64 58.33	65.20 -1.23 12.02	24.27 -1.19 48.88	24.69 -0.71 34.80	24.52 -0.57 26.82	25.82 -0.80 34.98	51.48 -0.48 2.65	61.04 -0.49 0.00	70.60 -0.58 0.00	52.25 -0.37 0.00	40.54 -0.36 0.00	34.17 -0.41 0.00
SITHE_IND_GS3 24171	38.04 -1.03 0.11	28.28 -0.77 0.00	24.93 -0.69 0.00	24.48 -0.71 0.00	23.04 -0.68 0.00	30.31 -0.87 0.00	30.83 -0.85 0.00	28.45 -1.00 8.76	12.02 -1.03 27.71	33.60 -0.87 2.92	3.06 -0.83 37.92	-21.19 -0.76 65.62	-10.33 -0.64 58.33	65.20 -1.23 12.02	24.27 -1.19 48.88	24.69 -0.71 34.80	24.52 -0.57 26.82	25.82 -0.80 34.98	51.48 -0.48 2.65	61.04 -0.49 0.00	70.60 -0.58 0.00	52.25 -0.37 0.00	40.54 -0.36 0.00	34.17 -0.41 0.00
SITHE_IND_GS4 24172	38.04 -1.03 0.11	28.28 -0.77 0.00	24.93 -0.69 0.00	24.48 -0.71 0.00	23.04 -0.68 0.00	30.31 -0.87 0.00	30.83 -0.85 0.00	28.45 -1.00 8.76	12.02 -1.03 27.71	33.60 -0.87 2.92	3.06 -0.83 37.92	-21.19 -0.76 65.62	-10.33 -0.64 58.33	65.20 -1.23 12.02	24.27 -1.19 48.88	24.69 -0.71 34.80	24.52 -0.57 26.82	25.82 -0.80 34.98	51.48 -0.48 2.65	61.04 -0.49 0.00	70.60 -0.58 0.00	52.25 -0.37 0.00	40.54 -0.36 0.00	34.17 -0.41 0.00
SITHE___BATAVIA 24024	40.43 1.24 0.00	29.83 0.78 0.00	26.25 0.63 0.00	25.63 0.44 0.00	24.04 0.32 0.00	31.85 0.67 0.00	32.60 0.92 0.00	39.34 1.13 0.00	42.80 2.05 0.00	39.80 2.41 0.00	45.20 3.39 0.00	48.57 3.36 0.00	52.43 3.78 0.00	83.65 5.21 0.00	78.38 4.04 0.00	64.32 4.12 0.00	56.07 4.17 0.00	65.96 4.36 0.00	59.43 4.82 0.00	67.91 6.37 0.00	79.04 7.85 0.00	59.17 6.37 -0.19	46.51 5.30 -0.31	38.59 4.00 -0.02

SITHE___INDEPEND 23800	38.04 -1.03 0.11	28.28 -0.77 0.00	24.93 -0.69 0.00	24.48 -0.71 0.00	23.04 -0.68 0.00	30.31 -0.87 0.00	30.83 -0.85 0.00	28.45 -1.00 8.76	12.01 -1.03 27.71	33.60 -0.87 2.92	3.07 -0.83 37.92	-21.19 -0.76 65.62	-10.33 -0.64 58.33	65.19 -1.24 12.02	24.27 -1.19 48.88	24.70 -0.71 34.80	24.52 -0.57 26.82	25.82 -0.80 34.98	51.48 -0.48 2.65	61.04 -0.49 0.00	70.60 -0.58 0.00	52.25 -0.37 0.00	40.54 -0.36 0.00	34.17 -0.41 0.00
SITHE___MASSENA 23902	38.63 -0.55 0.00	28.51 -0.55 0.00	25.10 -0.52 0.00	24.72 -0.48 0.00	23.45 -0.26 0.00	30.81 -0.37 0.00	31.36 -0.32 0.00	37.93 -0.29 0.00	40.40 -0.35 0.00	37.11 -0.28 0.00	41.27 -0.54 0.00	44.41 -0.79 0.00	47.49 -1.17 0.00	77.37 -1.08 0.00	73.33 -1.01 0.00	57.85 -2.35 0.00	49.95 -1.96 0.00	59.54 -2.06 0.00	21.07 -2.26 31.27	15.48 -2.34 43.71	27.04 -2.57 41.58	35.79 -1.88 14.96	39.44 -1.47 0.00	33.15 -1.42 0.00
SITHE___OGDNSBRG 24021	39.36 0.17 0.00	28.98 -0.08 0.00	25.49 -0.13 0.00	25.10 -0.10 0.00	23.84 0.12 0.00	31.36 0.18 0.00	31.98 0.30 0.00	38.59 0.38 0.00	40.83 0.08 0.00	37.48 0.09 0.00	41.52 -0.29 0.00	44.61 -0.59 0.00	47.63 -1.03 0.00	77.64 -0.81 0.00	73.60 -0.75 0.00	58.11 -2.10 0.00	50.14 -1.77 0.00	60.19 -1.41 0.00	-4.60 -1.76 57.45	-20.46 -1.68 80.31	-6.29 -1.09 76.39	24.41 -0.74 27.48	40.34 -0.56 0.00	33.83 -0.74 0.00
SITHE___STERLING 23777	40.78 1.59 -0.01	30.12 1.07 0.00	26.54 0.92 0.00	26.03 0.83 0.00	24.48 0.76 0.00	32.26 1.09 0.00	32.91 1.22 0.00	40.28 1.58 -0.49	44.13 1.81 -1.56	39.23 1.68 -0.16	45.87 1.92 -2.14	51.08 2.17 -3.70	54.57 2.62 -3.29	83.44 4.31 -0.68	80.91 3.81 -2.76	65.59 3.42 -1.96	56.16 2.74 -1.51	66.69 3.12 -1.97	70.01 3.17 -12.23	82.11 3.69 -16.89	91.80 4.55 -16.06	61.63 3.23 -5.78	43.19 2.30 0.00	36.33 1.76 0.00
SLEIGHT___34_KV_TB1 80719	39.57 0.39 0.00	29.26 0.21 0.00	25.73 0.11 0.00	25.19 0.00 0.00	23.68 -0.03 0.00	31.30 0.12 0.00	31.96 0.28 0.00	39.00 0.45 -0.33	42.76 0.95 -1.06	38.66 1.17 -0.11	45.13 1.87 -1.45	49.95 2.25 -2.51	53.56 2.68 -2.23	82.74 3.83 -0.46	79.52 3.32 -1.87	64.74 3.20 -1.33	55.98 3.06 -1.02	66.20 3.27 -1.34	58.24 3.53 -0.10	65.93 4.40 0.00	76.32 5.14 0.00	56.53 3.91 0.00	43.68 2.78 0.00	36.56 1.99 0.00
SOUTH CAIRO___GT 23612	42.15 2.97 0.00	31.48 2.43 0.00	27.80 2.18 0.00	27.36 2.17 0.00	25.65 1.93 0.00	33.68 2.50 0.00	34.11 2.43 0.00	40.70 2.49 0.00	43.10 2.35 0.00	39.34 1.96 0.00	43.59 1.78 0.00	46.82 1.61 0.00	50.65 2.00 0.00	81.86 3.41 0.00	78.27 3.93 0.00	64.77 4.56 0.00	56.37 4.47 0.00	66.91 5.31 0.00	59.17 4.56 0.00	66.34 4.81 0.00	76.88 5.70 0.00	52.38 4.49 4.74	41.17 3.46 3.18	37.54 2.97 0.00
SOUTH HAMPTN___IC 23720	91.53 3.25 -49.10	90.54 2.40 -59.08	51.95 2.07 -24.26	29.45 1.98 -2.28	35.70 1.64 -10.34	33.44 2.26 0.00	33.94 2.25 0.00	46.62 2.80 -5.61	44.05 3.30 0.00	64.03 3.23 -23.42	83.48 3.95 -37.71	88.69 4.23 -39.25	204.50 4.75 -151.10	142.46 6.33 -57.69	130.82 6.74 -49.74	96.82 6.79 -29.82	160.35 5.51 -102.95	220.86 5.90 -153.37	255.34 5.73 -195.00	75.01 6.20 -7.28	76.91 5.72 0.00	57.44 4.57 -0.25	47.14 3.75 -2.49	41.15 3.60 -2.98
SOUTHDOW___115KV_TB1 355954	40.05 0.87 0.00	29.28 0.22 0.00	25.64 0.02 0.00	24.99 -0.21 0.00	23.69 -0.03 0.00	31.55 0.37 0.00	32.53 0.85 0.00	39.93 1.72 0.00	43.73 2.98 0.00	40.65 3.26 0.00	46.57 4.76 0.00	50.78 5.58 0.00	54.74 6.09 0.00	86.04 7.60 0.00	81.09 6.75 0.00	66.50 6.30 0.00	57.68 5.78 0.00	67.50 5.90 0.00	60.94 6.33 0.00	69.28 7.74 0.00	81.92 10.73 0.00	60.69 8.06 -0.01	46.83 5.91 -0.02	39.05 4.48 0.00
SOUTHOLD_69_KV_BK 2 55809	92.39 4.11 -49.10	91.16 3.03 -59.08	52.47 2.60 -24.25	29.96 2.49 -2.28	36.18 2.12 -10.34	34.08 2.90 0.00	34.63 2.94 0.00	47.52 3.70 -5.61	45.09 4.34 0.00	65.05 4.25 -23.42	84.73 5.20 -37.71	90.11 5.65 -39.26	206.15 6.33 -151.17	145.08 8.92 -57.72	133.30 9.19 -49.77	98.88 8.84 -29.83	161.39 6.50 -102.99	221.54 6.50 -153.44	256.66 6.97 -195.08	77.09 8.28 -7.28	79.21 8.02 0.00	59.05 6.17 -0.25	48.30 4.91 -2.49	42.04 4.48 -2.98
SOUTHOLD___IC 23719	92.40 4.11 -49.10	91.17 3.03 -59.08	52.47 2.60 -24.26	29.96 2.49 -2.28	36.18 2.12 -10.34	34.08 2.90 0.00	34.62 2.94 0.00	47.52 3.70 -5.61	45.09 4.34 0.00	65.05 4.24 -23.42	84.73 5.20 -37.71	90.11 5.66 -39.26	206.15 6.33 -151.17	145.06 8.90 -57.72	133.32 9.21 -49.77	98.88 8.85 -29.83	161.39 6.50 -102.99	221.53 6.49 -153.44	256.67 6.97 -195.08	77.09 8.28 -7.28	79.19 8.01 0.00	59.03 6.16 -0.25	48.29 4.90 -2.49	42.04 4.48 -2.98
SOUTH_FORK_WT_PWR 323839	92.52 4.24 -49.10	91.26 3.12 -59.08	52.56 2.69 -24.26	30.04 2.57 -2.28	36.26 2.20 -10.34	34.18 3.01 0.00	34.74 3.05 0.00	47.66 3.84 -5.61	45.25 4.50 0.00	65.21 4.41 -23.42	84.93 5.41 -37.71	90.35 5.89 -39.25	206.34 6.56 -151.13	145.34 9.20 -57.70	133.61 9.52 -49.75	99.13 9.10 -29.82	161.98 7.11 -102.96	222.38 7.38 -153.40	257.12 7.48 -195.04	77.39 8.59 -7.28	79.51 8.33 0.00	59.25 6.37 -0.25	48.45 5.07 -2.49	42.16 4.61 -2.98
SPIERFLS_115KV_TB 1 80737	41.84 2.66 0.00	32.61 1.87 -1.69	27.64 1.63 -0.39	26.85 1.60 -0.06	26.71 1.43 -1.57	33.23 2.06 0.00	33.74 2.06 0.00	41.51 2.45 -0.85	43.09 2.34 0.00	41.60 1.59 -2.62	44.00 2.19 0.00	47.48 2.28 0.00	51.23 2.58 0.00	83.86 5.41 0.00	80.07 5.74 0.00	65.69 5.49 0.00	56.32 4.41 0.00	66.75 5.14 0.00	59.68 5.07 0.00	67.23 5.69 0.00	77.41 6.22 0.00	59.86 4.66 -2.58	46.27 3.65 -1.73	37.56 2.98 -0.01
ST LAWRENCE____ 23600	38.48 -0.70 0.00	28.44 -0.62 0.00	25.04 -0.58 0.00	24.66 -0.53 0.00	23.37 -0.34 0.00	30.70 -0.47 0.00	31.23 -0.45 0.00	37.77 -0.44 0.00	40.32 -0.44 0.00	37.04 -0.35 0.00	41.20 -0.61 0.00	44.37 -0.83 0.00	47.48 -1.17 0.00	77.10 -1.35 0.00	72.76 -1.58 0.00	57.97 -2.23 0.00	50.03 -1.88 0.00	59.59 -2.01 0.00	32.85 -2.20 19.56	31.89 -2.31 27.34	42.53 -2.65 26.01	41.22 -2.05 9.35	39.27 -1.63 0.00	33.05 -1.52 0.00
STATE_CA_115KV_115_LB 55624	40.44 1.26 0.00	31.97 1.12 -1.80	27.06 1.03 -0.41	26.32 1.06 -0.07	26.27 0.89 -1.67	32.32 1.14 0.00	32.70 1.02 0.00	40.17 1.06 -0.90	41.69 0.94 0.00	40.88 0.71 -2.79	42.45 0.63 0.00	45.89 0.69 0.00	49.61 0.96 0.00	79.81 1.36 0.00	76.02 1.68 0.00	62.40 2.19 0.00	53.63 1.73 0.00	63.49 1.89 0.00	56.41 1.80 0.00	63.33 1.79 0.00	73.15 1.97 0.00	55.64 1.71 -1.31	43.22 1.45 -0.88	35.99 1.41 -0.01
STATE_ST_34_KV_LOAD 55959	39.82 0.62 -0.02	29.48 0.43 0.00	25.93 0.31 0.00	25.36 0.17 0.00	23.91 0.20 0.00	31.58 0.40 0.00	32.21 0.52 0.00	40.28 0.68 -1.39	46.03 0.87 -4.41	38.76 0.90 -0.46	49.11 1.27 -6.03	57.31 1.67 -10.44	59.93 2.00 -9.28	83.23 2.87 -1.91	84.64 2.53 -7.78	68.09 2.35 -5.54	58.42 2.25 -4.27	69.58 2.42 -5.57	61.97 2.79 -4.58	70.82 3.48 -5.81	80.89 4.18 -5.52	57.66 3.05 -1.99	43.04 2.14 0.00	36.15 1.58 0.00

STATION 5_MISC_HYD 23604	39.70 0.52 0.00	29.35 0.29 0.00	25.85 0.23 0.00	25.30 0.10 0.00	23.73 0.02 0.00	31.38 0.20 0.00	32.01 0.33 0.00	38.67 0.46 0.00	41.88 1.13 0.00	38.81 1.43 0.00	44.04 2.23 0.00	47.86 2.65 0.00	51.80 3.15 0.00	82.88 4.43 0.00	77.99 3.65 0.00	63.77 3.56 0.00	55.39 3.48 0.00	65.25 3.66 0.00	58.57 3.96 0.00	66.52 4.98 0.00	77.16 5.97 0.00	57.26 4.64 0.01	44.31 3.42 0.01	37.08 2.51 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	40.00 0.82 0.00	29.54 0.48 0.00	25.99 0.36 0.00	25.44 0.24 0.00	23.91 0.19 0.00	31.59 0.41 0.00	32.25 0.57 0.00	39.39 0.82 -0.36	43.29 1.41 -1.13	39.15 1.65 -0.12	45.78 2.42 -1.55	50.77 2.89 -2.67	54.42 3.39 -2.38	83.85 4.92 -0.49	80.76 4.43 -1.99	65.74 4.11 -1.42	56.87 3.88 -1.09	67.21 4.19 -1.43	59.10 4.38 -0.11	66.90 5.37 0.00	77.50 6.31 0.00	57.37 4.75 0.00	44.33 3.43 0.00	37.07 2.50 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	39.51 0.33 0.00	29.21 0.15 0.00	25.71 0.09 0.00	25.17 -0.03 0.00	23.61 -0.10 0.00	31.21 0.03 0.00	31.84 0.16 0.00	38.49 0.28 0.00	41.68 0.92 0.00	38.60 1.21 0.00	43.82 2.01 0.00	47.60 2.40 0.00	51.52 2.87 0.00	82.49 4.04 0.00	77.71 3.37 0.00	63.51 3.31 0.00	55.15 3.25 0.00	64.99 3.39 0.00	58.31 3.70 0.00	66.18 4.65 0.00	76.71 5.52 0.00	56.89 4.27 0.01	44.01 3.13 0.01	36.82 2.25 0.00
STA_56____34_KV_BUS2 355983	39.51 0.33 0.00	29.21 0.15 0.00	25.71 0.09 0.00	25.17 -0.03 0.00	23.61 -0.10 0.00	31.21 0.03 0.00	31.84 0.16 0.00	38.49 0.28 0.00	41.68 0.92 0.00	38.60 1.21 0.00	43.82 2.01 0.00	47.60 2.40 0.00	51.52 2.87 0.00	82.49 4.04 0.00	77.71 3.37 0.00	63.51 3.31 0.00	55.15 3.25 0.00	64.99 3.39 0.00	58.31 3.70 0.00	66.18 4.65 0.00	76.71 5.52 0.00	56.89 4.27 0.01	44.01 3.13 0.01	36.82 2.25 0.00
STA_67____115KV_BK2 355882	39.57 0.39 0.00	29.26 0.20 0.00	25.77 0.15 0.00	25.22 0.03 0.00	23.66 -0.06 0.00	31.28 0.10 0.00	31.91 0.23 0.00	38.55 0.34 0.00	41.74 0.99 0.00	38.67 1.28 0.00	43.88 2.07 0.00	47.65 2.45 0.00	51.57 2.91 0.00	82.52 4.08 0.00	77.68 3.34 0.00	63.50 3.29 0.00	55.13 3.23 0.00	64.97 3.37 0.00	58.31 3.70 0.00	66.23 4.70 0.00	76.82 5.64 0.00	57.02 4.40 0.01	44.14 3.26 0.01	36.95 2.37 0.00
STA_7____115KV_9TRANS 80674	39.99 0.80 0.00	29.55 0.49 0.00	26.01 0.39 0.00	25.45 0.26 0.00	23.87 0.16 0.00	31.57 0.39 0.00	32.21 0.53 0.00	38.93 0.72 0.00	42.19 1.44 0.00	39.12 1.73 0.00	44.41 2.60 0.00	48.28 3.07 0.00	52.30 3.64 0.00	83.64 5.19 0.00	78.72 4.38 0.00	64.43 4.23 0.00	55.96 4.06 0.00	65.96 4.36 0.00	59.21 4.60 0.00	67.21 5.68 0.00	77.92 6.74 0.00	57.82 5.21 0.01	44.70 3.82 0.01	37.39 2.81 0.00
STA_82____115KV_TB1 80780	39.59 0.41 0.00	29.27 0.22 0.00	25.77 0.15 0.00	25.23 0.04 0.00	23.67 -0.05 0.00	31.29 0.11 0.00	31.93 0.25 0.00	38.57 0.36 0.00	41.76 1.01 0.00	38.70 1.31 0.00	43.91 2.10 0.00	47.68 2.47 0.00	51.60 2.95 0.00	82.56 4.12 0.00	77.73 3.40 0.00	63.52 3.31 0.00	55.16 3.26 0.00	65.00 3.40 0.00	58.35 3.74 0.00	66.26 4.72 0.00	76.87 5.68 0.00	57.05 4.44 0.01	44.18 3.29 0.01	36.97 2.40 0.00
STEEL____WIND 323596	39.56 0.38 0.00	29.20 0.15 0.00	25.68 0.07 0.00	25.06 -0.13 0.00	23.49 -0.23 0.00	31.18 0.00 0.00	31.91 0.23 0.00	38.59 0.38 0.00	42.14 1.39 0.00	39.07 1.69 0.00	44.71 2.89 0.00	48.62 3.42 0.00	52.52 3.87 0.00	83.69 5.24 0.00	78.68 4.33 0.00	64.41 4.20 0.00	56.00 4.09 0.00	65.63 4.03 0.00	59.24 4.63 0.00	67.55 6.02 0.00	78.73 7.54 0.00	58.56 5.93 -0.01	45.31 4.39 -0.02	37.83 3.26 0.00
STEPHTWN_115KV_BK_2 55603	40.45 1.27 0.00	31.99 1.11 -1.83	27.05 1.01 -0.42	26.31 1.05 -0.07	26.30 0.89 -1.69	32.32 1.14 0.00	32.78 1.10 0.00	40.35 1.23 -0.92	41.81 1.06 0.00	41.02 0.81 -2.83	42.58 0.77 0.00	46.04 0.84 0.00	49.53 0.88 0.00	79.79 1.35 0.00	76.03 1.69 0.00	62.36 2.16 0.00	53.82 1.91 0.00	63.81 2.21 0.00	56.49 1.88 0.00	63.51 1.98 0.00	73.27 2.08 0.00	45.31 1.87 9.18	36.17 1.43 6.16	36.01 1.42 -0.01
STEUBEN_REC_LFGE 323667	39.96 0.77 -0.01	29.11 0.06 0.00	25.43 -0.19 0.00	24.97 -0.22 0.00	23.43 -0.28 0.00	31.11 -0.07 0.00	32.04 0.35 0.00	39.36 0.70 -0.45	43.79 1.62 -1.42	39.65 2.12 -0.15	46.89 3.14 -1.94	52.24 3.68 -3.35	55.69 4.06 -2.98	84.48 5.43 -0.61	81.94 5.10 -2.50	66.88 4.90 -1.78	57.90 4.63 -1.37	68.40 5.01 -1.79	60.06 5.31 -0.13	68.02 6.49 0.00	78.91 7.72 0.00	58.22 5.60 0.00	44.86 3.96 0.00	37.44 2.87 0.00
STILLWATER____SOLAR 323814	41.59 2.40 0.00	32.58 1.79 -1.73	27.60 1.58 -0.40	26.80 1.55 -0.07	26.72 1.39 -1.61	33.07 1.89 0.00	33.53 1.85 0.00	41.20 2.12 -0.87	42.79 2.04 0.00	41.62 1.55 -2.69	43.61 1.79 0.00	47.16 1.96 0.00	50.95 2.30 0.00	82.43 3.99 0.00	78.69 4.35 0.00	64.63 4.42 0.00	55.47 3.56 0.00	65.77 4.17 0.00	58.68 4.07 0.00	66.04 4.51 0.00	76.22 5.03 0.00	59.54 3.87 -3.05	46.01 3.07 -2.05	37.18 2.60 -0.01
STONY____BROOK 24151	91.05 2.76 -49.10	90.19 2.05 -59.08	51.65 1.78 -24.26	29.18 1.71 -2.28	35.44 1.39 -10.34	33.09 1.91 0.00	33.54 1.86 0.00	46.08 2.27 -5.61	43.44 2.69 0.00	63.39 2.59 -23.42	82.65 3.12 -37.71	90.43 3.30 -41.93	236.82 3.70 -184.47	156.54 4.52 -73.57	141.91 4.78 -62.79	99.29 5.08 -34.00	180.06 4.12 -124.04	255.29 4.41 -189.28	298.52 4.15 -239.76	73.14 4.22 -7.39	74.78 3.60 0.00	56.10 3.23 -0.25	46.29 2.90 -2.49	40.56 3.01 -2.98
STURGEON_POOL_HYD 23609	40.53 1.34 0.00	29.97 0.92 0.00	26.41 0.79 0.00	25.93 0.74 0.00	24.28 0.56 0.00	31.95 0.77 0.00	32.52 0.84 0.00	39.31 1.10 0.00	42.02 1.27 0.00	38.50 1.12 0.00	43.10 1.28 0.00	46.73 1.53 0.00	50.52 1.86 0.00	80.54 2.09 0.00	76.79 2.45 0.00	63.23 3.03 0.00	54.23 2.33 0.00	63.88 2.28 0.00	56.83 2.23 0.00	63.51 1.97 0.00	73.15 1.96 0.00	53.14 1.57 1.04	41.59 1.40 0.70	36.10 1.53 0.00
ST_LAW_115_BK7_LBMP 345037	38.44 -0.75 0.00	28.38 -0.67 0.00	24.99 -0.63 0.00	24.62 -0.57 0.00	23.34 -0.37 0.00	30.66 -0.52 0.00	31.18 -0.50 0.00	37.72 -0.49 0.00	40.25 -0.50 0.00	36.99 -0.40 0.00	41.14 -0.68 0.00	44.28 -0.92 0.00	47.36 -1.30 0.00	76.97 -1.48 0.00	72.65 -1.69 0.00	57.75 -2.45 0.00	49.84 -2.06 0.00	59.40 -2.20 0.00	29.78 -2.41 22.42	27.69 -2.50 31.34	38.50 -2.88 29.81	39.69 -2.20 10.72	39.16 -1.73 0.00	32.95 -1.63 0.00
ST_LAW_115_BK8_LBMP 345038	38.44 -0.75 0.00	28.38 -0.67 0.00	24.99 -0.63 0.00	24.62 -0.57 0.00	23.34 -0.37 0.00	30.66 -0.52 0.00	31.18 -0.50 0.00	37.72 -0.49 0.00	40.25 -0.50 0.00	36.99 -0.40 0.00	41.14 -0.68 0.00	44.28 -0.92 0.00	47.36 -1.30 0.00	76.97 -1.48 0.00	72.65 -1.69 0.00	57.75 -2.45 0.00	49.84 -2.06 0.00	59.40 -2.20 0.00	29.78 -2.41 22.42	27.69 -2.50 31.34	38.50 -2.88 29.81	39.69 -2.20 10.72	39.16 -1.73 0.00	32.95 -1.63 0.00

ST_LAW_230_BK5_LBMP 345035	38.48 -0.70 0.00	28.44 -0.62 0.00	25.04 -0.58 0.00	24.66 -0.53 0.00	23.37 -0.34 0.00	30.70 -0.47 0.00	31.23 -0.45 0.00	37.77 -0.44 0.00	40.32 -0.44 0.00	37.04 -0.35 0.00	41.20 -0.61 0.00	44.37 -0.83 0.00	47.48 -1.17 0.00	77.10 -1.35 0.00	72.76 -1.58 0.00	57.97 -2.23 0.00	50.03 -1.88 0.00	59.59 -2.01 0.00	35.30 -2.20 17.11	35.31 -2.31 23.91	45.79 -2.65 22.75	42.39 -2.05 8.18	39.27 -1.63 0.00	33.05 -1.52 0.00
ST_LAW_230_BK6_LBMP 345036	38.48 -0.70 0.00	28.44 -0.62 0.00	25.04 -0.58 0.00	24.66 -0.53 0.00	23.37 -0.34 0.00	30.70 -0.47 0.00	31.23 -0.45 0.00	37.77 -0.44 0.00	40.32 -0.44 0.00	37.04 -0.35 0.00	41.20 -0.61 0.00	44.37 -0.83 0.00	47.48 -1.17 0.00	77.10 -1.35 0.00	72.76 -1.58 0.00	57.97 -2.23 0.00	50.03 -1.88 0.00	59.59 -2.01 0.00	35.30 -2.20 17.11	35.31 -2.31 23.91	45.79 -2.65 22.75	42.39 -2.05 8.18	39.27 -1.63 0.00	33.05 -1.52 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	40.56 1.37 0.00	18.68 0.99 11.37	23.87 0.86 2.61	25.59 0.83 0.43	13.82 0.64 10.54	32.05 0.87 0.00	32.55 0.86 0.00	33.51 1.02 5.72	41.90 1.14 0.00	20.75 0.99 17.63	42.93 1.11 0.00	46.47 1.27 0.00	50.28 1.63 0.00	80.28 1.84 0.00	76.54 2.20 0.00	63.03 2.82 0.00	54.23 2.33 0.00	64.05 2.45 0.00	57.00 2.39 0.00	63.75 2.22 0.00	73.47 2.29 0.00	54.41 1.79 0.00	42.42 1.52 0.00	36.12 1.63 0.08
SWANROAD_115KV_TB1 355699	38.41 -0.77 0.00	28.42 -0.64 0.00	25.05 -0.57 0.00	24.46 -0.73 0.00	22.90 -0.81 0.00	30.37 -0.80 0.00	31.02 -0.66 0.00	37.22 -0.99 0.00	40.55 -0.20 0.00	37.58 0.20 0.00	42.98 1.16 0.00	46.59 1.39 0.00	50.37 1.71 0.00	80.28 1.84 0.00	75.24 0.90 0.00	61.58 1.37 0.00	53.60 1.70 0.00	62.77 1.17 0.00	56.75 2.14 0.00	64.91 3.38 0.00	75.50 4.31 0.00	56.51 3.87 -0.02	43.88 2.95 -0.03	36.80 2.23 0.00
SYNERGY___BIOGAS 323694	40.43 1.24 0.00	29.83 0.78 0.00	26.25 0.63 0.00	25.63 0.44 0.00	24.04 0.32 0.00	31.85 0.67 0.00	32.60 0.92 0.00	39.34 1.13 0.00	42.80 2.05 0.00	39.80 2.41 0.00	45.20 3.39 0.00	48.57 3.36 0.00	52.43 3.78 0.00	83.65 5.21 0.00	78.38 4.04 0.00	64.32 4.12 0.00	56.07 4.17 0.00	65.96 4.36 0.00	59.43 4.82 0.00	67.91 6.37 0.00	79.04 7.85 0.00	59.17 6.37 -0.19	46.51 5.30 -0.31	38.59 4.00 -0.02
SYRACUSE___ENERGY_ST1 323597	39.15 -0.06 -0.02	28.98 -0.08 0.00	25.52 -0.10 0.00	25.03 -0.16 0.00	23.57 -0.15 0.00	31.04 -0.14 0.00	31.63 -0.05 0.00	39.86 -0.02 -1.67	46.11 0.08 -5.28	38.10 0.16 -0.56	49.40 0.35 -7.23	58.31 0.60 -12.51	60.67 0.89 -11.12	81.88 1.14 -2.29	84.76 1.11 -9.32	68.05 1.21 -6.63	58.15 1.14 -5.11	69.46 1.19 -6.67	61.66 1.48 -5.58	70.26 1.65 -7.09	79.82 1.89 -6.74	56.41 1.37 -2.42	41.86 0.96 0.00	35.25 0.68 0.00
SYRACUSE___ENERGY_ST2 323598	39.15 -0.06 -0.02	28.98 -0.08 0.00	25.52 -0.10 0.00	25.03 -0.16 0.00	23.57 -0.15 0.00	31.04 -0.14 0.00	31.63 -0.05 0.00	39.86 -0.02 -1.67	46.11 0.08 -5.28	38.10 0.16 -0.56	49.40 0.35 -7.23	58.31 0.60 -12.51	60.67 0.89 -11.12	81.88 1.14 -2.29	84.76 1.11 -9.32	68.05 1.21 -6.63	58.15 1.14 -5.11	69.46 1.19 -6.67	61.66 1.48 -5.58	70.26 1.65 -7.09	79.82 1.89 -6.74	56.41 1.37 -2.42	41.86 0.96 0.00	35.25 0.68 0.00
SYRACUSE___POWER 24017	39.25 0.06 -0.02	29.04 -0.01 0.00	25.57 -0.05 0.00	25.11 -0.09 0.00	23.62 -0.09 0.00	31.11 -0.08 0.00	31.69 0.00 0.00	39.39 0.05 -1.13	44.49 0.18 -3.56	38.05 0.29 -0.37	47.22 0.54 -4.87	54.44 0.81 -8.42	57.25 1.12 -7.49	81.50 1.51 -1.54	82.08 1.47 -6.27	66.21 1.54 -4.47	56.74 1.40 -3.44	67.57 1.49 -4.49	62.03 1.69 -5.72	70.95 1.89 -7.52	80.52 2.17 -7.15	56.78 1.58 -2.57	42.01 1.11 0.00	35.35 0.78 0.00
TALLMAN___138KV_BK151 55660	40.62 1.44 0.00	14.66 1.03 15.43	22.96 0.88 3.54	25.45 0.85 0.58	10.05 0.64 14.31	32.05 0.87 0.00	32.57 0.89 0.00	31.49 1.04 7.76	41.93 1.18 0.00	14.50 1.04 23.92	42.94 1.13 0.00	46.47 1.27 0.00	50.30 1.65 0.00	80.27 1.83 0.00	76.55 2.21 0.00	63.12 2.92 0.00	54.28 2.38 0.00	64.05 2.44 0.00	56.98 2.37 0.00	63.61 2.07 0.00	73.30 2.11 0.00	54.28 1.66 0.00	42.35 1.45 0.00	36.13 1.66 0.11
TEALLAVE_115KV_TB7 355573	39.16 -0.04 -0.01	28.98 -0.07 0.00	25.52 -0.10 0.00	25.06 -0.14 0.00	23.57 -0.14 0.00	31.04 -0.14 0.00	31.61 -0.07 0.00	39.09 -0.03 -0.91	43.73 0.09 -2.88	37.90 0.21 -0.30	46.21 0.45 -3.94	52.73 0.70 -6.82	55.71 0.99 -6.07	81.01 1.31 -1.25	80.68 1.25 -5.09	65.20 1.38 -3.62	55.93 1.24 -2.79	66.54 1.30 -3.64	62.47 1.53 -6.33	71.69 1.70 -8.46	81.19 1.95 -8.05	56.95 1.43 -2.89	41.89 0.99 0.00	35.26 0.69 0.00
TELGRAPH_34_KV_EAST 80808	39.39 0.21 0.00	29.10 0.05 0.00	25.62 0.00 0.00	25.02 -0.17 0.00	23.44 -0.28 0.00	31.07 -0.11 0.00	31.77 0.09 0.00	38.25 0.04 0.00	41.71 0.96 0.00	38.72 1.34 0.00	44.17 2.36 0.00	47.82 2.62 0.00	51.69 3.04 0.00	82.47 4.02 0.00	77.37 3.04 0.00	63.38 3.17 0.00	55.19 3.29 0.00	64.76 3.17 0.00	58.45 3.84 0.00	66.81 5.28 0.00	77.70 6.51 0.00	58.00 5.36 -0.02	45.05 4.09 -0.06	37.65 3.07 0.00
TEMPLE___115KV_TB 2 55572	39.18 -0.01 -0.01	29.00 -0.06 0.00	25.54 -0.08 0.00	25.08 -0.12 0.00	23.59 -0.13 0.00	31.06 -0.12 0.00	31.63 -0.05 0.00	39.11 0.00 -0.91	43.75 0.12 -2.87	37.92 0.23 -0.30	46.24 0.50 -3.93	52.76 0.75 -6.81	55.75 1.04 -6.05	81.08 1.39 -1.25	80.75 1.34 -5.07	65.25 1.44 -3.61	55.99 1.31 -2.78	66.60 1.37 -3.63	62.37 1.58 -6.18	71.55 1.76 -8.26	81.05 2.01 -7.85	56.93 1.48 -2.83	41.93 1.03 0.00	35.29 0.71 0.00
TIANA___69_KV_BK 1 55817	91.38 3.10 -49.10	90.41 2.28 -59.08	51.84 1.97 -24.25	29.35 1.88 -2.28	35.61 1.55 -10.34	33.31 2.13 0.00	33.80 2.12 0.00	46.45 2.63 -5.61	43.85 3.10 0.00	63.82 3.02 -23.42	83.21 3.69 -37.71	88.40 3.94 -39.26	204.23 4.42 -151.16	141.99 5.83 -57.71	130.32 6.21 -49.76	96.41 6.37 -29.83	160.07 5.19 -102.98	220.63 5.61 -153.43	255.08 5.40 -195.07	74.61 5.81 -7.28	76.51 5.33 0.00	57.17 4.30 -0.25	46.92 3.54 -2.49	40.98 3.43 -2.98
TILDEN___115KV_TB1 80814	39.25 0.06 -0.02	29.04 -0.01 0.00	25.57 -0.05 0.00	25.11 -0.09 0.00	23.62 -0.09 0.00	31.11 -0.08 0.00	31.69 0.00 0.00	39.39 0.05 -1.13	44.49 0.18 -3.56	38.05 0.29 -0.37	47.22 0.54 -4.87	54.44 0.81 -8.42	57.25 1.12 -7.49	81.50 1.51 -1.54	82.08 1.47 -6.27	66.21 1.54 -4.47	56.74 1.40 -3.44	67.57 1.49 -4.49	62.03 1.69 -5.72	70.95 1.89 -7.52	80.52 2.17 -7.15	56.78 1.58 -2.57	42.01 1.11 0.00	35.35 0.78 0.00
TRIGEN___CC 323695	90.56 2.28 -49.10	89.79 1.66 -59.08	51.31 1.44 -24.25	28.85 1.38 -2.28	35.17 1.11 -10.34	32.70 1.52 0.00	33.17 1.49 0.00	45.52 1.70 -5.61	42.70 1.95 0.00	62.61 2.09 -23.42	81.61 2.09 -37.71	77.32 2.30 -29.81	84.91 2.68 -33.57	83.37 3.19 -1.74	82.94 3.61 -4.99	79.47 4.17 -15.10	84.02 3.45 -28.67	92.23 3.75 -26.88	95.43 3.49 -37.33	71.70 3.27 -6.90	74.05 2.86 0.00	55.33 2.46 -0.25	45.57 2.18 -2.49	39.96 2.41 -2.98

TRINITY__115KV__4 BK 55933	40.20 1.01 0.00	31.83 0.95 -1.83	26.92 0.88 -0.42	26.19 0.93 -0.07	26.18 0.77 -1.70	32.15 0.97 0.00	32.53 0.85 0.00	39.98 0.85 -0.92	41.43 0.68 0.00	40.66 0.43 -2.84	42.12 0.31 0.00	45.50 0.29 0.00	49.17 0.52 0.00	79.04 0.60 0.00	75.29 0.95 0.00	61.79 1.59 0.00	53.14 1.24 0.00	62.92 1.32 0.00	55.91 1.30 0.00	62.77 1.24 0.00	72.53 1.34 0.00	52.37 1.28 1.54	41.01 1.14 1.03	35.76 1.18 -0.01
UNION__PROCESSING_DRP 323587	39.61 0.43 0.00	29.28 0.23 0.00	25.79 0.17 0.00	25.24 0.05 0.00	23.68 -0.04 0.00	31.30 0.13 0.00	31.94 0.26 0.00	38.59 0.38 0.00	41.78 1.03 0.00	38.70 1.32 0.00	43.92 2.11 0.00	47.68 2.48 0.00	51.61 2.96 0.00	82.59 4.15 0.00	77.75 3.41 0.00	63.56 3.35 0.00	55.19 3.29 0.00	65.03 3.43 0.00	58.38 3.77 0.00	66.30 4.77 0.00	76.91 5.72 0.00	57.09 4.48 0.01	44.19 3.31 0.01	36.98 2.41 0.00
UPPER HUDSON__HYD 24058	41.85 2.66 0.00	32.61 1.87 -1.69	27.64 1.63 -0.39	26.85 1.60 -0.06	26.71 1.43 -1.57	33.23 2.06 0.00	33.74 2.06 0.00	41.51 2.45 -0.85	43.09 2.34 0.00	41.60 1.59 -2.62	44.00 2.18 0.00	47.48 2.28 0.00	51.23 2.58 0.00	83.85 5.41 0.00	80.08 5.74 0.00	65.69 5.49 0.00	56.32 4.41 0.00	66.74 5.14 0.00	59.68 5.07 0.00	67.22 5.69 0.00	77.41 6.22 0.00	59.86 4.66 -2.58	46.27 3.65 -1.73	37.56 2.98 -0.01
UPPER RAQUET__HYD 24056	38.67 -0.52 0.00	28.45 -0.61 0.00	25.05 -0.57 0.00	24.63 -0.56 0.00	23.37 -0.34 0.00	30.75 -0.43 0.00	31.40 -0.28 0.00	38.13 -0.36 -0.28	40.87 -0.77 -0.89	36.80 -0.68 -0.09	41.98 -1.05 -1.21	45.81 -1.49 -2.09	48.56 -1.96 -1.86	76.56 -2.27 -0.38	73.89 -2.01 -1.56	58.06 -3.25 -1.11	49.94 -2.82 -0.85	59.66 -3.05 -1.12	-22.46 -3.08 73.99	-45.13 -3.12 103.54	-30.46 -3.16 98.49	15.13 -2.06 35.42	39.56 -1.34 0.00	33.29 -1.28 0.00
VALLEY44_115KV_TB2 355964	39.31 0.12 0.00	28.92 -0.13 0.00	25.50 -0.12 0.00	24.96 -0.24 0.00	23.53 -0.19 0.00	31.19 0.01 0.00	31.91 0.22 0.00	38.72 0.51 0.00	42.11 1.36 0.00	38.97 1.59 0.00	44.35 2.53 0.00	48.12 2.92 0.00	51.71 3.06 0.00	82.11 3.67 0.00	77.31 2.97 0.00	63.33 3.13 0.00	54.95 3.05 0.00	64.44 2.84 0.00	58.11 3.51 0.00	66.00 4.47 0.00	77.22 6.03 0.00	57.29 4.66 -0.01	44.35 3.44 -0.02	37.24 2.67 0.00
VALLEY__115KV_TB 1-4 80826	40.15 0.97 0.00	29.86 0.80 0.00	26.33 0.71 0.00	25.86 0.67 0.00	24.29 0.58 0.00	31.97 0.79 0.00	32.39 0.70 0.00	38.95 0.74 0.00	41.35 0.60 0.00	37.78 0.40 0.00	42.38 0.57 0.00	45.96 0.76 0.00	49.57 0.92 0.00	79.80 1.35 0.00	76.07 1.73 0.00	62.37 2.16 0.00	53.38 1.48 0.00	63.40 1.80 0.00	61.16 2.06 -4.49	69.95 2.13 -6.28	79.51 2.35 -5.98	56.80 2.03 -2.15	42.51 1.62 0.00	35.92 1.35 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	40.72 1.54 0.00	30.24 1.18 0.00	26.70 1.08 0.00	26.24 1.04 0.00	24.66 0.94 0.00	32.41 1.22 0.00	32.95 1.26 0.00	40.00 1.51 -0.28	43.34 1.69 -0.89	39.09 1.61 -0.09	45.02 1.98 -1.22	49.55 2.23 -2.12	53.09 2.55 -1.88	82.56 3.72 -0.39	79.56 3.64 -1.58	64.74 3.41 -1.12	55.66 2.90 -0.86	65.85 3.13 -1.13	57.84 3.14 -0.09	64.94 3.41 0.00	75.11 3.92 0.00	55.58 2.97 0.00	43.15 2.25 0.00	36.48 1.91 0.00
VISCHER__FERRY HYD 24020	40.90 1.72 0.00	32.29 1.38 -1.86	27.28 1.23 -0.43	26.49 1.23 -0.07	26.53 1.08 -1.73	32.61 1.43 0.00	33.01 1.33 0.00	40.61 1.46 -0.94	42.06 1.31 0.00	41.20 0.93 -2.89	42.78 0.96 0.00	46.27 1.06 0.00	50.03 1.37 0.00	80.54 2.10 0.00	76.78 2.44 0.00	63.05 2.85 0.00	54.23 2.33 0.00	64.21 2.61 0.00	57.21 2.60 0.00	64.29 2.75 0.00	74.21 3.02 0.00	59.69 2.50 -4.57	46.05 2.09 -3.07	36.47 1.89 -0.01
V_A_10_SYNC_DSASP 323832	38.73 -0.45 0.00	28.66 -0.39 0.00	25.27 -0.34 0.00	24.71 -0.48 0.00	23.16 -0.56 0.00	30.66 -0.51 0.00	31.30 -0.38 0.00	37.74 -0.47 0.00	41.04 0.29 0.00	37.99 0.60 0.00	43.28 1.47 0.00	46.96 1.76 0.00	50.71 2.05 0.00	80.96 2.51 0.00	75.98 1.64 0.00	62.06 1.85 0.00	53.93 2.03 0.00	63.33 1.73 0.00	57.07 2.47 0.00	65.09 3.55 0.00	75.66 4.48 0.00	56.40 3.78 0.00	43.74 2.83 -0.01	36.62 2.05 0.00
V_CMM_10_SYNC_DSASP 323787	38.62 -0.56 0.00	28.52 -0.54 0.00	25.11 -0.51 0.00	24.73 -0.46 0.00	23.46 -0.26 0.00	30.80 -0.37 0.00	31.33 -0.35 0.00	37.91 -0.30 0.00	40.46 -0.29 0.00	37.18 -0.21 0.00	41.36 -0.45 0.00	44.51 -0.69 0.00	47.62 -1.03 0.00	77.33 -1.12 0.00	72.75 -1.59 0.00	57.82 -2.39 0.00	49.91 -1.99 0.00	59.47 -2.13 0.00	29.85 -2.34 22.42	27.76 -2.43 31.34	38.58 -2.79 29.81	39.76 -2.14 10.72	39.36 -1.54 0.00	33.13 -1.45 0.00
V_CMP_10_SYNC_DSASP 323788	39.11 -0.08 0.00	28.94 -0.11 0.00	25.54 -0.08 0.00	25.10 -0.10 0.00	23.91 0.20 0.00	31.50 0.32 0.00	31.97 0.29 0.00	38.59 0.37 0.00	40.96 0.21 0.00	37.36 -0.03 0.00	41.58 -0.23 0.00	44.71 -0.49 0.00	47.85 -0.80 0.00	76.81 -1.64 0.00	72.13 -2.21 0.00	57.77 -2.44 0.00	49.28 -2.63 0.00	58.49 -3.11 0.00	29.53 -3.03 22.04	27.18 -3.54 30.82	37.62 -4.26 29.31	40.02 -2.06 10.54	39.61 -1.29 0.00	33.32 -1.25 0.00
V_D_10_SYNC_DSASP 323841	38.64 -0.54 0.00	28.52 -0.54 0.00	25.11 -0.51 0.00	24.73 -0.46 0.00	23.46 -0.25 0.00	30.82 -0.36 0.00	31.38 -0.31 0.00	37.93 -0.28 0.00	40.42 -0.33 0.00	37.13 -0.25 0.00	41.29 -0.52 0.00	44.42 -0.78 0.00	47.51 -1.14 0.00	77.40 -1.05 0.00	73.35 -0.99 0.00	57.89 -2.32 0.00	49.98 -1.93 0.00	59.58 -2.02 0.00	21.73 -2.23 30.65	16.38 -2.31 42.84	27.90 -2.54 40.75	36.12 -1.84 14.66	39.45 -1.46 0.00	33.17 -1.41 0.00
V_E_10_SYNC_DSASP 323830	42.16 2.97 -0.01	31.24 2.19 0.00	27.51 1.89 0.00	26.90 1.71 0.00	25.52 1.80 0.00	33.74 2.56 0.00	34.55 2.86 0.00	42.60 3.74 -0.65	46.97 4.16 -2.05	41.40 3.80 -0.22	49.00 4.37 -2.81	55.22 5.15 -4.87	58.52 5.54 -4.32	87.99 8.65 -0.89	85.92 7.95 -3.62	69.98 7.19 -2.58	60.57 6.67 -1.99	71.95 7.75 -2.59	62.66 7.85 -0.20	70.92 9.39 0.00	82.12 10.93 0.00	60.53 7.91 0.00	46.41 5.51 0.00	38.67 4.10 0.00
V_F_30_NSYNC__DSASP 323816	41.64 2.46 0.00	32.60 1.83 -1.71	27.62 1.61 -0.39	26.83 1.57 -0.06	26.73 1.42 -1.59	33.10 1.92 0.00	33.57 1.89 0.00	41.25 2.18 -0.86	42.88 2.13 0.00	41.70 1.65 -2.66	43.76 1.95 0.00	47.35 2.15 0.00	51.13 2.48 0.00	82.75 4.30 0.00	78.96 4.62 0.00	64.80 4.60 0.00	55.62 3.72 0.00	65.93 4.34 0.00	58.80 4.19 0.00	66.18 4.65 0.00	76.39 5.21 0.00	59.43 3.97 -2.84	45.93 3.13 -1.90	37.24 2.65 -0.01
V_F_30_SYNC_DSASP 323786	40.43 1.25 0.00	31.97 1.12 -1.80	27.06 1.02 -0.41	26.32 1.06 -0.07	26.28 0.89 -1.67	32.31 1.13 0.00	32.70 1.02 0.00	40.18 1.06 -0.91	41.69 0.93 0.00	40.88 0.70 -2.79	42.45 0.63 0.00	45.88 0.68 0.00	49.61 0.96 0.00	79.80 1.35 0.00	76.02 1.68 0.00	62.38 2.17 0.00	53.63 1.73 0.00	63.47 1.87 0.00	56.40 1.79 0.00	63.33 1.79 0.00	73.15 1.97 0.00	55.40 1.70 -1.07	43.06 1.44 -0.72	35.99 1.41 -0.01



V_XM10_SYNC_DSASP 323789	39.11 -0.08 0.00	28.94 -0.11 0.00	25.54 -0.08 0.00	25.10 -0.10 0.00	23.91 0.20 0.00	31.50 0.32 0.00	31.97 0.29 0.00	38.59 0.37 0.00	40.96 0.21 0.00	37.36 -0.03 0.00	41.58 -0.23 0.00	44.71 -0.49 0.00	47.85 -0.80 0.00	76.81 -1.64 0.00	72.13 -2.21 0.00	57.77 -2.44 0.00	49.28 -2.63 0.00	58.49 -3.11 0.00	29.53 -3.03 22.04	27.18 -3.54 30.82	37.62 -4.26 29.31	40.02 -2.06 10.54	39.61 -1.29 0.00	33.32 -1.25 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	40.73 1.55 0.00	13.71 1.12 16.46	22.80 0.96 3.78	25.50 0.93 0.62	9.17 0.72 15.27	32.16 0.98 0.00	32.66 0.98 0.00	31.08 1.15 8.28	42.06 1.30 0.00	13.01 1.15 25.53	43.09 1.27 0.00	46.65 1.45 0.00	50.48 1.83 0.00	80.59 2.14 0.00	76.86 2.52 0.00	63.38 3.18 0.00	54.52 2.62 0.00	64.32 2.72 0.00	57.22 2.61 0.00	63.88 2.34 0.00	73.60 2.41 0.00	54.49 1.87 0.00	42.50 1.60 0.00	36.23 1.78 0.12
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	41.06 1.87 0.00	41.44 1.33 -11.06	29.31 1.15 -2.54	26.71 1.10 -0.42	34.84 0.88 -10.25	32.38 1.19 0.00	32.92 1.24 0.00	45.31 1.54 -5.56	42.51 1.76 0.00	56.10 1.57 -17.14	43.48 1.66 0.00	46.99 1.78 0.00	50.75 2.10 0.00	80.89 2.45 0.00	77.14 2.80 0.00	63.64 3.43 0.00	54.67 2.77 0.00	64.48 2.88 0.00	57.27 2.66 0.00	63.88 2.34 0.00	73.54 2.35 0.00	54.74 1.87 -0.25	42.81 1.75 -0.17	36.72 2.07 -0.08
W50THST__13_KV_LOAD 356117	41.30 2.11 0.00	41.63 1.51 -11.06	29.46 1.31 -2.54	26.86 1.25 -0.42	34.99 1.02 -10.25	32.58 1.39 0.00	33.16 1.48 0.00	45.67 1.90 -5.56	42.90 2.15 0.00	56.49 1.96 -17.14	43.91 2.10 0.00	47.45 2.25 0.00	51.24 2.59 0.00	81.67 3.22 0.00	77.86 3.52 0.00	64.22 4.02 0.00	55.13 3.22 0.00	64.97 3.37 0.00	57.64 3.04 0.00	64.26 2.73 0.00	73.94 2.76 0.00	55.06 2.19 -0.25	43.06 1.99 -0.17	36.94 2.29 -0.08
WADING RIVER_IC_1 23522	90.78 2.49 -49.10	89.98 1.85 -59.08	51.47 1.59 -24.26	28.99 1.52 -2.28	35.27 1.21 -10.34	32.85 1.67 0.00	33.32 1.64 0.00	45.84 2.02 -5.61	43.16 2.41 0.00	63.13 2.33 -23.42	82.37 2.85 -37.71	87.44 3.01 -39.23	202.84 3.39 -150.80	140.13 4.14 -57.54	128.57 4.61 -49.62	94.98 4.99 -29.78	158.73 4.07 -102.75	219.00 4.36 -153.04	253.43 4.23 -194.58	73.25 4.44 -7.28	75.01 3.82 0.00	56.11 3.24 -0.25	46.17 2.78 -2.49	40.38 2.82 -2.98
WADING RIVER_IC_2 23547	90.78 2.49 -49.10	89.98 1.85 -59.08	51.47 1.59 -24.26	28.99 1.52 -2.28	35.27 1.21 -10.34	32.85 1.67 0.00	33.32 1.64 0.00	45.84 2.02 -5.61	43.16 2.41 0.00	63.13 2.33 -23.42	82.37 2.85 -37.71	87.44 3.01 -39.23	202.84 3.39 -150.80	140.13 4.14 -57.54	128.57 4.61 -49.62	94.98 4.99 -29.78	158.73 4.07 -102.75	219.00 4.36 -153.04	253.43 4.23 -194.58	73.25 4.44 -7.28	75.01 3.82 0.00	56.11 3.24 -0.25	46.17 2.78 -2.49	40.38 2.82 -2.98
WADING RIVER_IC_3 23601	90.78 2.49 -49.10	89.98 1.85 -59.08	51.47 1.59 -24.26	28.99 1.52 -2.28	35.27 1.21 -10.34	32.85 1.67 0.00	33.32 1.64 0.00	45.84 2.02 -5.61	43.16 2.41 0.00	63.13 2.33 -23.42	82.37 2.85 -37.71	87.44 3.01 -39.23	202.84 3.39 -150.80	140.13 4.14 -57.54	128.57 4.61 -49.62	94.98 4.99 -29.78	158.73 4.07 -102.75	219.00 4.36 -153.04	253.43 4.23 -194.58	73.25 4.44 -7.28	75.01 3.82 0.00	56.11 3.24 -0.25	46.17 2.78 -2.49	40.38 2.82 -2.98
WALDENNY_12_KV_BK2 80841	39.64 0.45 0.00	29.26 0.21 0.00	25.73 0.11 0.00	25.11 -0.08 0.00	23.54 -0.17 0.00	31.24 0.06 0.00	31.95 0.27 0.00	38.62 0.41 0.00	42.18 1.43 0.00	39.15 1.76 0.00	44.82 3.00 0.00	48.74 3.54 0.00	52.63 3.97 0.00	83.90 5.46 0.00	78.91 4.57 0.00	64.59 4.39 0.00	56.17 4.27 0.00	65.79 4.19 0.00	59.41 4.80 0.00	67.73 6.20 0.00	78.88 7.69 0.00	58.71 6.07 -0.01	45.38 4.46 -0.02	37.93 3.35 0.00
WALDEN__HYDRO 24148	40.78 1.59 0.00	26.90 1.14 3.29	25.84 0.98 0.75	26.00 0.94 0.12	21.41 0.74 3.05	32.18 1.00 0.00	32.70 1.02 0.00	37.78 1.22 1.66	42.10 1.35 0.00	33.46 1.18 5.10	43.13 1.32 0.00	46.72 1.52 0.00	50.53 1.88 0.00	80.68 2.24 0.00	76.92 2.59 0.00	63.36 3.15 0.00	54.61 2.71 0.00	64.52 2.93 0.00	57.43 2.82 0.00	64.24 2.71 0.00	74.02 2.84 0.00	54.81 2.19 0.00	42.72 1.83 0.00	36.41 1.86 0.02
WARRENSBURG____ 23737	41.85 2.66 0.00	32.61 1.87 -1.69	27.64 1.63 -0.39	26.85 1.60 -0.06	26.71 1.43 -1.57	33.23 2.06 0.00	33.74 2.06 0.00	41.51 2.45 -0.85	43.09 2.34 0.00	41.60 1.59 -2.62	44.00 2.18 0.00	47.48 2.28 0.00	51.23 2.58 0.00	83.85 5.41 0.00	80.08 5.74 0.00	65.69 5.49 0.00	56.32 4.41 0.00	66.74 5.14 0.00	59.68 5.07 0.00	67.22 5.69 0.00	77.41 6.22 0.00	59.86 4.66 -2.58	46.27 3.65 -1.73	37.56 2.98 -0.01
WATERSIDE____6 8 9 23538	41.01 1.83 0.00	41.40 1.30 -11.05	29.27 1.12 -2.54	26.67 1.06 -0.42	34.80 0.84 -10.25	32.33 1.15 0.00	32.90 1.22 0.00	45.23 1.47 -5.56	42.44 1.69 0.00	56.00 1.49 -17.13	43.35 1.54 0.00	46.83 1.63 0.00	50.56 1.91 0.00	80.60 2.15 0.00	76.83 2.50 0.00	63.36 3.16 0.00	54.33 2.43 0.00	64.03 2.43 0.00	56.89 2.28 0.00	63.50 1.97 0.00	73.13 1.94 0.00	54.48 1.61 -0.25	42.70 1.63 -0.17	36.70 2.05 -0.08
WATKINRD_115KV_LN8_ILLION 55919	39.85 0.67 0.00	29.61 0.56 0.00	26.13 0.51 0.00	25.66 0.47 0.00	24.12 0.40 0.00	31.72 0.54 0.00	32.16 0.48 0.00	38.70 0.49 0.00	41.12 0.37 0.00	37.60 0.21 0.00	42.13 0.31 0.00	45.63 0.43 0.00	49.22 0.56 0.00	79.27 0.82 0.00	75.46 1.12 0.00	61.72 1.52 0.00	52.93 1.03 0.00	62.83 1.23 0.00	60.56 1.45 -4.49	69.32 1.50 -6.28	78.89 1.73 -5.98	56.22 1.46 -2.15	42.04 1.15 0.00	35.55 0.98 0.00
WATSON__69_KV_BK 1 55734	91.32 3.04 -49.10	90.43 2.30 -59.08	51.89 2.03 -24.25	29.41 1.94 -2.28	35.65 1.60 -10.34	33.38 2.19 0.00	33.86 2.17 0.00	46.45 2.64 -5.61	43.84 3.08 0.00	63.73 2.93 -23.42	82.98 3.45 -37.71	83.35 3.58 -34.57	145.39 3.93 -92.81	113.38 5.00 -29.93	107.21 5.30 -27.57	88.44 5.72 -22.52	122.70 4.69 -66.10	157.42 5.19 -90.63	176.26 4.86 -116.79	73.72 5.10 -7.09	76.03 4.84 0.00	56.96 4.09 -0.25	46.83 3.45 -2.49	40.93 3.38 -2.98
WDELAWARE__HYD 323627	39.80 0.62 0.00	27.15 0.40 2.30	25.40 0.31 0.53	25.39 0.28 0.09	21.72 0.14 2.13	31.40 0.21 0.00	31.92 0.23 0.00	37.38 0.32 1.16	40.97 0.22 0.00	33.08 -0.74 3.57	41.00 -0.82 0.00	44.37 -0.83 0.00	47.97 -0.68 0.00	76.69 -1.75 0.00	73.19 -1.15 0.00	60.32 0.11 0.00	51.96 0.06 0.00	61.38 -0.22 0.00	54.67 0.06 0.00	61.28 -0.25 0.00	70.93 -0.25 0.00	53.78 1.16 0.00	41.82 0.92 0.00	35.56 1.00 0.02
WEST BABYLON__IC 23714	91.19 2.91 -49.10	90.30 2.17 -59.08	51.79 1.92 -24.25	29.30 1.84 -2.28	35.56 1.51 -10.34	33.24 2.06 0.00	33.72 2.04 0.00	46.25 2.43 -5.61	43.59 2.84 0.00	63.49 2.68 -23.42	82.66 3.13 -37.71	79.46 3.28 -30.97	100.34 3.68 -48.01	91.70 4.65 -8.61	89.82 5.00 -10.48	82.53 5.42 -16.91	94.17 4.48 -37.79	108.96 4.95 -42.41	115.93 4.63 -56.69	73.23 4.76 -6.94	75.67 4.48 0.00	56.65 3.78 -0.25	46.56 3.18 -2.49	40.73 3.18 -2.98

WEST CANADA___HYD 24049	39.42 0.24 0.00	29.25 0.20 0.00	25.81 0.18 0.00	25.37 0.18 0.00	23.86 0.14 0.00	31.36 0.19 0.00	31.85 0.17 0.00	38.40 0.19 0.00	40.92 0.16 0.00	37.50 0.12 0.00	41.96 0.15 0.00	45.39 0.19 0.00	48.94 0.29 0.00	78.81 0.37 0.00	74.74 0.40 0.00	60.79 0.58 0.00	52.35 0.45 0.00	62.07 0.47 0.00	59.64 0.54 -4.49	68.38 0.56 -6.28	77.81 0.64 -5.98	55.33 0.56 -2.15	41.35 0.45 0.00	34.99 0.42 0.00
WESTERN_NY_WIND 24143	40.37 1.19 0.00	29.79 0.73 0.00	26.21 0.59 0.00	25.59 0.40 0.00	24.00 0.28 0.00	31.81 0.63 0.00	32.54 0.86 0.00	39.28 1.07 0.00	42.74 1.99 0.00	39.75 2.36 0.00	45.15 3.33 0.00	48.56 3.35 0.00	52.45 3.80 0.00	83.65 5.20 0.00	78.40 4.06 0.00	64.32 4.11 0.00	56.08 4.18 0.00	65.94 4.34 0.00	59.42 4.81 0.00	67.92 6.38 0.00	79.05 7.86 0.00	59.16 6.37 -0.17	46.40 5.22 -0.27	38.53 3.95 -0.01
WESTOVER___LESR 323668	39.62 0.43 -0.01	29.32 0.27 0.00	25.82 0.20 0.00	25.35 0.15 0.00	23.91 0.19 0.00	31.50 0.32 0.00	32.07 0.39 0.00	39.44 0.61 -0.62	43.52 0.82 -1.96	38.49 0.90 -0.21	45.74 1.25 -2.68	51.40 1.57 -4.63	54.65 1.88 -4.11	81.64 2.35 -0.85	80.13 2.34 -3.45	65.13 2.46 -2.45	55.97 2.18 -1.89	66.37 2.30 -2.47	57.26 2.46 -0.19	64.35 2.82 0.00	74.71 3.53 0.00	55.18 2.56 0.00	42.83 1.93 0.00	36.06 1.49 0.00
WETHRSFD_WT_PWR 323626	39.19 0.01 0.00	28.83 -0.22 0.00	25.26 -0.36 0.00	24.70 -0.50 0.00	23.16 -0.55 0.00	30.76 -0.42 0.00	31.53 -0.16 0.00	38.18 -0.03 0.00	41.57 0.82 0.00	38.65 1.26 0.00	44.08 2.27 0.00	47.93 2.73 0.00	51.76 3.10 0.00	82.40 3.95 0.00	77.68 3.34 0.00	63.63 3.42 0.00	55.26 3.36 0.00	64.84 3.24 0.00	58.44 3.83 0.00	66.49 4.96 0.00	77.36 6.18 0.00	57.42 4.79 -0.01	44.46 3.54 -0.01	37.16 2.58 0.00
WHAVSTOR_138KV_BK127 55557	40.51 1.33 0.00	13.35 0.96 16.67	22.63 0.84 3.83	25.37 0.81 0.63	8.87 0.61 15.46	32.02 0.84 0.00	32.50 0.81 0.00	30.76 0.94 8.38	41.80 1.05 0.00	12.45 0.91 25.85	42.80 0.98 0.00	46.30 1.10 0.00	50.10 1.44 0.00	79.93 1.48 0.00	76.20 1.87 0.00	62.83 2.63 0.00	54.03 2.13 0.00	63.78 2.18 0.00	56.74 2.13 0.00	63.34 1.80 0.00	72.99 1.80 0.00	54.07 1.45 0.00	42.21 1.31 0.00	36.01 1.56 0.12
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	40.51 1.33 0.00	13.35 0.96 16.67	22.63 0.84 3.83	25.37 0.81 0.63	8.87 0.61 15.46	32.02 0.84 0.00	32.50 0.81 0.00	30.76 0.94 8.38	41.80 1.05 0.00	12.45 0.91 25.85	42.80 0.98 0.00	46.30 1.10 0.00	50.10 1.44 0.00	79.93 1.48 0.00	76.20 1.87 0.00	62.83 2.63 0.00	54.03 2.13 0.00	63.78 2.18 0.00	56.74 2.13 0.00	63.34 1.80 0.00	72.99 1.80 0.00	54.07 1.45 0.00	42.21 1.31 0.00	36.01 1.56 0.12
WHITEHAL_115KV_TB1 80871	43.18 4.00 0.00	33.26 2.51 -1.70	28.27 2.26 -0.39	27.50 2.24 -0.06	27.33 2.03 -1.58	34.43 3.26 0.00	35.00 3.32 0.00	43.07 4.01 -0.86	44.26 3.50 0.00	42.30 2.28 -2.64	45.23 3.41 0.00	48.99 3.79 0.00	52.96 4.31 0.00	86.17 7.72 0.00	83.18 8.85 0.00	68.52 8.31 0.00	58.30 6.39 0.00	69.02 7.42 0.00	61.98 7.37 0.00	69.90 8.36 0.00	79.57 8.38 0.00	61.75 6.44 -2.69	48.12 5.42 -1.80	39.03 4.45 -0.01
WHITEPLN_13_KV_LOAD 356215	41.37 2.18 0.00	42.41 1.56 -11.79	29.67 1.34 -2.71	26.92 1.28 -0.45	35.70 1.05 -10.93	32.60 1.42 0.00	33.16 1.47 0.00	45.97 1.83 -5.93	42.82 2.07 0.00	57.55 1.88 -18.28	43.92 2.11 0.00	47.55 2.35 0.00	51.43 2.78 0.00	82.13 3.69 0.00	78.37 4.03 0.00	64.65 4.45 0.00	55.59 3.69 0.00	65.66 4.06 0.00	58.33 3.72 0.00	65.02 3.49 0.00	74.80 3.61 0.00	55.64 2.77 -0.25	43.38 2.31 -0.17	37.07 2.41 -0.08
WM_FLOYD_69_KV_BK2 356380	91.15 2.87 -49.10	90.26 2.12 -59.08	51.70 1.84 -24.25	29.22 1.75 -2.28	35.49 1.43 -10.34	33.15 1.97 0.00	33.64 1.95 0.00	46.21 2.39 -5.61	43.55 2.80 0.00	63.47 2.66 -23.42	82.72 3.20 -37.71	87.99 3.37 -39.41	205.56 3.75 -153.15	141.86 4.75 -58.66	130.06 5.15 -50.57	95.78 5.50 -30.08	160.63 4.49 -104.24	222.05 4.89 -155.57	257.05 4.70 -197.74	73.81 5.00 -7.28	75.69 4.50 0.00	56.62 3.75 -0.25	46.56 3.18 -2.49	40.72 3.17 -2.98
WOODARD__115KV_TB2 355635	39.07 -0.13 -0.02	28.92 -0.13 0.00	25.47 -0.15 0.00	25.01 -0.19 0.00	23.53 -0.19 0.00	30.97 -0.21 0.00	31.54 -0.14 0.00	39.30 -0.12 -1.21	44.54 -0.03 -3.82	37.87 0.08 -0.40	47.33 0.28 -5.23	54.76 0.50 -9.05	57.47 0.77 -8.05	81.08 0.97 -1.66	82.04 0.96 -6.74	66.12 1.11 -4.80	56.62 1.01 -3.70	67.46 1.04 -4.83	62.01 1.27 -6.13	71.00 1.41 -8.06	80.46 1.61 -7.67	56.57 1.19 -2.76	41.71 0.81 0.00	35.11 0.54 0.00
YORK___WARBASSE 23770	41.09 1.91 0.00	41.45 1.35 -11.05	29.29 1.13 -2.54	26.68 1.07 -0.42	34.81 0.84 -10.25	32.34 1.15 0.00	32.91 1.23 0.00	45.26 1.49 -5.56	42.48 1.73 0.00	56.13 1.61 -17.13	43.51 1.70 0.00	47.03 1.83 0.00	50.79 2.13 0.00	80.86 2.42 0.00	77.08 2.75 0.00	63.52 3.32 0.00	54.34 2.43 0.00	63.99 2.39 0.00	56.91 2.31 0.00	63.69 2.16 0.00	73.23 2.04 0.00	54.59 1.72 -0.25	42.91 1.85 -0.17	36.86 2.22 -0.08