

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$		--- Marginal Cost of Losses										--- Marginal Cost of Congestion										07/30/2024			
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	24138	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	
		28.82	35.98	28.91	29.66	29.00	30.35	33.25	43.84	40.87	42.73	42.35	45.99	46.35	53.18	60.83	56.43	96.29	414.64	227.17	54.61	54.24	53.41	44.10	39.16
		1.56	1.72	1.42	1.45	1.52	1.70	2.00	2.31	2.64	2.63	2.75	3.09	3.15	3.59	3.91	3.74	6.50	25.63	12.64	2.69	2.53	2.70	2.55	2.20
		0.00	-0.45	0.00	0.00	0.00	0.00	-1.16	-10.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.98	-7.04	-1.72	0.00	-1.71
74TH STREET_GT_1	24260	28.95	36.14	29.04	29.79	29.13	30.48	33.34	43.90	40.95	42.80	42.42	46.07	46.44	53.32	61.03	56.57	96.49	415.70	227.99	54.83	54.49	53.69	44.34	39.31
		1.69	1.88	1.55	1.58	1.65	1.83	2.10	2.39	2.72	2.69	2.83	3.18	3.25	3.73	4.11	3.88	6.69	26.69	13.46	2.92	2.78	2.99	2.79	2.35
		0.00	-0.45	0.00	0.00	0.00	0.00	-1.16	-10.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.98	-7.04	-1.72	0.00	-1.71
74TH STREET_GT_2	24261	28.95	36.14	29.04	29.79	29.13	30.48	33.34	43.90	40.95	42.80	42.42	46.07	46.44	53.32	61.03	56.57	96.49	415.70	227.99	54.83	54.49	53.69	44.34	39.31
		1.69	1.88	1.55	1.58	1.65	1.83	2.10	2.39	2.72	2.69	2.83	3.18	3.25	3.73	4.11	3.88	6.69	26.69	13.46	2.92	2.78	2.99	2.79	2.35
		0.00	-0.45	0.00	0.00	0.00	0.00	-1.16	-10.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.98	-7.04	-1.72	0.00	-1.71
ADK HUDSON___FALLS	24011	29.08	36.15	29.31	30.07	29.36	30.60	32.68	35.30	40.82	42.75	41.98	45.93	46.27	52.87	60.87	56.57	96.98	424.42	235.12	115.86	126.03	72.73	45.49	38.71
		1.81	2.26	1.82	1.85	1.88	1.95	2.41	2.46	2.59	2.64	2.39	3.04	3.07	3.29	3.95	3.87	7.19	35.41	20.59	4.69	4.55	4.97	3.94	3.19
		0.00	-0.07	0.00	0.00	0.00	0.00	-0.18	-1.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-65.24	-76.81	-18.76	0.00	-0.27
ADK RESOURCE___RCVRY	23798	29.35	36.51	29.56	30.28	29.58	30.81	32.99	35.65	41.14	43.00	42.21	46.30	46.62	53.23	61.28	57.02	97.95	428.94	237.10	116.63	126.83	73.30	45.87	39.04
		2.09	2.62	2.07	2.07	2.09	2.16	2.72	2.81	2.91	2.90	2.63	3.40	3.42	3.64	4.37	4.32	8.15	39.92	22.57	5.09	4.92	5.44	4.32	3.53
		0.00	-0.07	0.00	0.00	0.00	0.00	-0.18	-1.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-65.60	-77.23	-18.86	0.00	-0.27
ADK S GLENS___FALLS	24028	29.08	36.15	29.31	30.07	29.36	30.60	32.68	35.30	40.82	42.75	41.98	45.93	46.27	52.87	60.87	56.57	96.98	424.42	235.12	115.86	126.03	72.73	45.49	38.71
		1.81	2.26	1.82	1.85	1.88	1.95	2.41	2.46	2.59	2.64	2.39	3.04	3.07	3.29	3.95	3.87	7.19	35.41	20.59	4.69	4.55	4.97	3.94	3.19
		0.00	-0.07	0.00	0.00	0.00	0.00	-0.18	-1.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-65.24	-76.81	-18.76	0.00	-0.27
ADK_NYS___DAM	23527	28.45	35.56	29.01	29.77	29.06	30.24	32.14	34.97	39.97	41.91	41.25	44.97	45.20	51.57	59.09	54.34	92.70	406.53	224.93	96.06	103.23	65.50	43.88	37.54
		1.18	1.66	1.51	1.56	1.57	1.59	1.84	1.77	1.73	1.81	1.66	2.07	2.00	1.98	2.17	1.64	2.90	17.52	10.40	2.67	2.69	2.86	2.33	1.96
		0.00	-0.09	0.00	0.00	0.00	0.00	-0.22	-1.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-47.45	-55.86	-13.64	0.00	-0.33
AIR_PRODUCTS___DRP	24190	27.44	34.08	27.75	28.48	27.79	28.95	30.70	33.30	38.50	40.36	39.84	43.34	43.63	49.98	57.32	53.05	90.60	393.61	217.43	82.23	87.23	59.97	42.17	36.05
		0.17	0.19	0.26	0.27	0.31	0.30	0.42	0.40	0.26	0.25	0.25	0.45	0.43	0.39	0.40	0.36	0.80	4.60	2.90	0.79	0.75	0.78	0.62	0.52
		0.00	-0.07	0.00	0.00	0.00	0.00	-0.19	-1.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-35.50	-41.79	-10.21	0.00	-0.28
AKWESSNE_115KV_BK	355683	26.99	33.48	27.18	27.86	27.05	28.28	29.65	30.98	38.08	39.99	39.12	42.11	42.35	48.65	55.84	51.58	87.49	379.88	209.75	44.56	43.46	47.80	40.41	34.35
		-0.28	-0.33	-0.31	-0.36	-0.43	-0.37	-0.43	-0.24	-0.15	-0.12	-0.47	-0.78	-0.85	-0.93	-1.08	-1.12	-2.30	-9.13	-4.77	-1.38	-1.22	-1.20	-1.14	-0.90
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	323833	28.07	34.86	28.37	29.17	28.45	29.62	31.34	33.72	39.25	41.05	40.24	43.66	43.83	50.21	57.58	53.32	91.60	398.20	221.33	74.55	78.01	58.71	43.22	36.91
		0.80	0.98	0.88	0.96	0.97	0.96	1.09	1.01	1.02	0.95	0.65	0.77	0.64	0.62	0.66	0.63	1.81	9.19	6.80	1.90	1.89	2.04	1.66	1.42
		0.00	-0.06	0.00	0.00	0.00	0.00	-0.17	-1.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-26.71	-31.45	-7.68	0.00	-0.25
ALBANY_2_SOLAR	323834	28.06	34.85	28.37	29.16	28.45	29.60	31.33	33.71	39.24	41.04	40.23	43.65	43.83	50.21	57.56	53.31	91.57	398.07	221.25	74.52	77.98	58.70	43.20	36.90
		0.80	0.97	0.88	0.94	0.96	0.95	1.08	1.00	1.01	0.94	0.64	0.76	0.64	0.62	0.64	0.61	1.77	9.06	6.73	1.88	1.87	2.02	1.65	1.40
		0.00	-0.06	0.00	0.00	0.00	0.00	-0.17	-1.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-26.71	-31.44	-7.68	0.00	-0.25
ALBANY___1	23571	27.44	34.08	27.75	28.48	27.79	28.95	30.70	33.30	38.50	40.36	39.84	43.34	43.63	49.98	57.32	53.05	90.60	393.61	217.43	82.23	87.23	59.97	42.17	36.05
		0.17	0.19	0.26	0.27	0.31	0.30	0.42	0.40	0.26	0.25	0.25	0.45	0.43	0.39	0.40	0.36	0.80	4.60	2.90	0.79	0.75	0.78	0.62	0.52
		0.00	-0.07	0.00	0.00	0.00	0.00	-0.19	-1.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-35.50	-41.79	-10.21	0.00	-0.28

ALBANY___2 23572	27.44 0.17 0.00	34.08 0.19 -0.07	27.75 0.26 0.00	28.48 0.27 0.00	27.79 0.31 0.00	28.95 0.30 0.00	30.70 0.42 -0.19	33.30 0.40 -1.69	38.50 0.26 0.00	40.36 0.25 0.00	39.84 0.25 0.00	43.34 0.45 0.00	43.63 0.43 0.00	49.98 0.39 0.00	57.32 0.40 0.00	53.05 0.36 0.00	90.60 0.80 0.00	393.61 4.60 0.00	217.43 2.90 0.00	82.23 0.79 -35.50	87.23 0.75 -41.79	59.97 0.78 -10.21	42.17 0.62 0.00	36.05 0.52 -0.28
ALBANY___3 23573	27.44 0.17 0.00	34.08 0.19 -0.07	27.75 0.26 0.00	28.48 0.27 0.00	27.79 0.31 0.00	28.95 0.30 0.00	30.70 0.42 -0.19	33.30 0.40 -1.69	38.50 0.26 0.00	40.36 0.25 0.00	39.84 0.25 0.00	43.34 0.45 0.00	43.63 0.43 0.00	49.98 0.39 0.00	57.32 0.40 0.00	53.05 0.36 0.00	90.60 0.80 0.00	393.61 4.60 0.00	217.43 2.90 0.00	82.23 0.79 -35.50	87.23 0.75 -41.79	59.97 0.78 -10.21	42.17 0.62 0.00	36.05 0.52 -0.28
ALBANY___4 23574	27.44 0.17 0.00	34.08 0.19 -0.07	27.75 0.26 0.00	28.48 0.27 0.00	27.79 0.31 0.00	28.95 0.30 0.00	30.70 0.42 -0.19	33.30 0.40 -1.69	38.50 0.26 0.00	40.36 0.25 0.00	39.84 0.25 0.00	43.34 0.45 0.00	43.63 0.43 0.00	49.98 0.39 0.00	57.32 0.40 0.00	53.05 0.36 0.00	90.60 0.80 0.00	393.61 4.60 0.00	217.43 2.90 0.00	82.23 0.79 -35.50	87.23 0.75 -41.79	59.97 0.78 -10.21	42.17 0.62 0.00	36.05 0.52 -0.28
ALBANY___LFGE 323615	27.77 0.51 0.00	34.50 0.61 -0.07	28.08 0.60 0.00	28.83 0.61 0.00	28.14 0.66 0.00	29.31 0.66 0.00	31.08 0.81 -0.19	33.70 0.81 -1.68	39.02 0.78 0.00	40.92 0.82 0.00	40.42 0.83 0.00	43.99 1.10 0.00	44.31 1.11 0.00	50.78 1.20 0.00	58.27 1.35 0.00	53.95 1.25 0.00	92.14 2.35 0.00	400.33 11.32 0.00	221.07 6.54 0.00	92.54 1.55 -45.04	99.19 1.49 -53.03	63.49 1.55 -12.95	42.80 1.24 0.00	36.56 1.04 -0.28
ALCOA_PA_115KV_PL-6C 55860	27.10 -0.16 0.00	33.63 -0.18 0.00	27.29 -0.20 0.00	27.98 -0.23 0.00	27.16 -0.32 0.00	28.40 -0.25 0.00	29.77 -0.31 0.00	31.09 -0.13 0.00	38.21 -0.03 0.00	40.10 -0.01 0.00	39.20 -0.39 0.00	42.20 -0.70 0.00	42.38 -0.82 0.00	48.69 -0.90 0.00	55.90 -1.02 0.00	51.66 -1.03 0.00	87.62 -2.18 0.00	380.69 -8.33 0.00	210.04 -4.49 0.00	45.33 -1.43 -0.82	43.44 -1.24 0.00	48.05 -0.95 0.00	40.60 -0.95 0.00	34.51 -0.73 0.00
ALCOA_RYNLDS___DRP 24188	27.10 -0.16 0.00	33.63 -0.18 0.00	27.29 -0.20 0.00	27.98 -0.23 0.00	27.16 -0.32 0.00	28.40 -0.25 0.00	29.77 -0.31 0.00	31.09 -0.13 0.00	38.21 -0.03 0.00	40.10 -0.01 0.00	39.20 -0.39 0.00	42.20 -0.70 0.00	42.38 -0.82 0.00	48.69 -0.90 0.00	55.90 -1.02 0.00	51.66 -1.03 0.00	87.62 -2.18 0.00	380.69 -8.33 0.00	210.04 -4.49 0.00	45.33 -1.43 -0.82	43.44 -1.24 0.00	48.05 -0.95 0.00	40.60 -0.95 0.00	34.51 -0.73 0.00
ALCOA___DSASP 323711	27.11 -0.16 0.00	33.63 -0.18 0.00	27.30 -0.19 0.00	27.98 -0.23 0.00	27.16 -0.32 0.00	28.40 -0.25 0.00	29.77 -0.31 0.00	31.09 -0.13 0.00	38.21 -0.03 0.00	40.10 -0.01 0.00	39.20 -0.39 0.00	42.20 -0.69 0.00	42.38 -0.82 0.00	48.69 -0.90 0.00	55.90 -1.02 0.00	51.66 -1.03 0.00	87.63 -2.17 0.00	380.71 -8.30 0.00	210.04 -4.49 0.00	45.33 -1.43 -0.82	43.44 -1.24 0.00	48.05 -0.95 0.00	40.60 -0.95 0.00	34.51 -0.73 0.00
ALLEGHENY___COGEN 23514	29.51 2.24 0.00	36.15 2.33 0.00	29.11 1.62 0.00	29.81 1.59 0.00	29.04 1.55 0.00	30.06 1.41 0.00	31.35 1.26 0.00	32.35 1.14 0.00	39.76 1.53 0.00	40.68 0.57 0.00	40.50 0.91 0.00	44.10 1.21 0.00	44.72 1.53 0.00	52.21 2.62 0.00	59.58 2.67 0.00	55.08 2.38 0.00	93.60 3.80 0.00	404.53 15.52 0.00	227.28 12.75 0.00	49.19 3.25 0.00	47.81 3.13 0.00	52.56 3.57 0.00	44.65 3.10 0.00	37.86 2.61 0.00
ALTAMONT_115KV_TB 2 55880	27.76 0.50 0.00	34.48 0.60 -0.07	28.04 0.55 0.00	28.80 0.59 0.00	28.10 0.61 0.00	29.27 0.62 0.00	31.00 0.73 -0.18	33.58 0.74 -1.62	38.95 0.72 0.00	40.80 0.70 0.00	40.27 0.68 0.00	43.79 0.90 0.00	44.08 0.88 0.00	50.50 0.91 0.00	57.94 1.02 0.00	53.65 0.96 0.00	91.58 1.78 0.00	397.18 8.16 0.00	219.39 4.87 0.00	75.85 1.22 -28.68	79.63 1.19 -33.77	58.52 1.28 -8.25	42.64 1.09 0.00	36.42 0.91 -0.27
ALTONA_WT_PWR 323606	28.23 0.97 0.00	35.01 1.19 0.00	28.39 0.90 0.00	28.88 0.67 0.00	28.05 0.57 0.00	29.25 0.60 0.00	31.00 0.91 0.00	32.24 1.03 0.00	39.60 1.36 0.00	41.68 1.58 0.00	40.81 1.22 0.00	44.10 1.21 0.00	44.33 1.14 0.00	50.68 1.09 0.00	57.76 0.84 0.00	53.13 0.43 0.00	89.64 -0.16 0.00	385.80 -3.21 0.00	212.50 -2.03 0.00	9.54 -2.93 33.47	43.74 -0.94 0.00	48.12 -0.87 0.00	39.65 -1.90 0.00	33.92 -1.32 0.00
AMERICAN_REF_FUEL 24010	27.85 0.58 0.00	34.12 0.31 0.00	27.46 -0.02 0.00	28.09 -0.12 0.00	27.34 -0.14 0.00	28.04 -0.61 0.00	28.94 -1.15 0.00	29.56 -1.66 0.00	37.11 -1.13 0.00	39.40 -0.70 0.00	39.67 0.07 0.00	43.51 0.61 0.00	44.31 1.12 0.00	51.22 1.63 0.00	58.62 1.70 0.00	54.52 1.82 0.00	93.08 3.28 0.00	399.71 10.69 0.00	219.91 5.38 0.00	47.27 1.33 0.00	45.53 0.86 0.00	49.85 0.86 0.00	42.96 1.41 0.00	36.80 1.55 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	29.00 1.74 0.00	35.35 1.54 0.00	28.38 0.89 0.00	29.10 0.88 0.00	28.28 0.80 0.00	29.05 0.40 0.00	30.21 0.13 0.00	31.31 0.09 0.00	39.50 1.26 0.00	41.89 1.79 0.00	41.78 2.19 0.00	45.73 2.84 0.00	46.44 3.24 0.00	54.15 4.56 0.00	62.08 5.16 0.00	57.58 4.88 0.00	99.48 9.68 0.00	425.25 36.24 0.00	232.52 17.99 0.00	50.22 4.28 0.00	48.40 3.72 0.00	53.19 4.19 0.00	45.30 3.74 0.00	38.45 3.20 0.00
ARTHUR KILL_GT_1 23520	29.80 1.46 -1.07	35.86 1.60 -0.45	28.82 1.33 0.00	29.56 1.35 0.00	28.89 1.41 0.00	30.24 1.59 0.00	33.09 1.85 -1.16	43.63 2.11 -10.31	40.63 2.39 0.00	42.36 2.26 0.00	42.07 2.48 0.00	45.66 2.77 0.00	46.12 2.92 0.00	53.01 3.42 0.00	60.54 3.62 0.00	56.13 3.43 -0.01	95.73 5.93 0.00	412.75 23.73 0.00	226.87 12.35 0.00	63.23 2.61 -14.68	54.02 2.31 -7.04	53.27 2.55 -1.72	44.05 2.50 0.00	39.11 2.09 -1.77
ARTHUR_KILL_2 23512	29.69 1.35 -1.07	35.72 1.47 -0.45	28.71 1.22 0.00	29.46 1.25 0.00	28.79 1.31 0.00	30.14 1.48 0.00	32.97 1.73 -1.16	43.51 1.99 -10.31	40.48 2.24 0.00	42.20 2.10 0.00	41.91 2.31 0.00	45.47 2.58 0.00	45.93 2.73 0.00	52.77 3.18 0.00	60.27 3.35 0.00	55.86 3.16 -0.01	95.27 5.47 0.00	410.63 21.61 0.00	225.75 11.22 0.00	62.98 2.36 -14.68	53.78 2.07 -7.04	53.01 2.30 -1.72	43.84 2.29 0.00	38.94 1.92 -1.77
ARTHUR_KILL_3 23513	29.35 1.27 -0.81	35.64 1.38 -0.45	28.65 1.16 0.00	29.41 1.19 0.00	28.75 1.27 0.00	30.08 1.42 0.00	32.88 1.64 -1.16	43.43 1.91 -10.30	40.35 2.12 0.00	42.13 2.02 0.00	41.68 2.09 0.00	45.22 2.33 0.00	45.60 2.41 0.00	52.38 2.79 0.00	60.00 3.08 0.00	55.63 2.93 0.00	94.85 5.06 0.00	408.30 19.29 0.00	223.86 9.33 0.00	53.96 2.04 -5.98	53.64 1.93 -7.03	52.78 2.07 -1.72	43.54 1.99 0.00	38.74 1.75 -1.75

ARTHUR_KILL_COGEN 323718	29.80 1.46 -1.07	35.86 1.60 -0.45	28.82 1.33 0.00	29.56 1.35 0.00	28.89 1.41 0.00	30.24 1.59 0.00	33.09 1.85 -1.16	43.63 2.11 -10.31	40.63 2.39 0.00	42.36 2.26 0.00	42.07 2.48 0.00	45.66 2.77 0.00	46.12 2.92 0.00	53.01 3.42 0.00	60.54 3.62 0.00	56.13 3.43 -0.01	95.73 5.93 0.00	412.75 23.73 0.00	226.87 12.35 0.00	63.23 2.61 -14.68	54.02 2.31 -7.04	53.27 2.55 -1.72	44.05 2.50 0.00	39.11 2.09 -1.77
ASHOKAN____ 23654	28.84 1.57 0.00	35.65 1.84 0.00	29.01 1.52 0.00	29.75 1.54 0.00	29.03 1.55 0.00	30.27 1.62 0.00	31.96 1.88 0.00	33.19 1.97 0.00	40.45 2.22 0.00	42.39 2.28 0.00	41.79 2.19 0.00	45.47 2.58 0.00	45.64 2.44 0.00	52.40 2.82 0.00	60.20 3.28 0.00	56.06 3.37 0.00	96.65 6.86 0.00	420.95 31.94 0.00	233.34 18.81 0.00	68.80 4.13 -18.73	70.57 3.85 -22.05	58.68 4.30 -5.39	44.97 3.42 0.00	37.98 2.74 0.00
ASTORIA_EAST_ENERGY_CC1 323581	28.87 1.60 0.00	36.04 1.78 -0.45	28.95 1.46 0.00	29.71 1.50 0.00	29.05 1.57 0.00	30.41 1.76 0.00	33.28 2.03 -1.16	43.71 2.19 -10.31	40.64 2.40 0.00	42.45 2.35 0.00	42.05 2.46 0.00	45.70 2.80 0.00	46.15 2.95 0.00	52.92 3.33 0.00	60.56 3.64 0.00	56.08 3.38 0.00	95.63 5.84 0.00	411.81 22.80 -0.01	225.56 11.02 0.00	54.33 2.40 -5.98	53.96 2.24 -7.04	53.15 2.44 -1.73	43.96 2.40 0.00	38.88 1.93 -1.71
ASTORIA_EAST_ENERGY_CC2 323582	28.87 1.60 0.00	36.04 1.78 -0.45	28.95 1.46 0.00	29.71 1.50 0.00	29.05 1.57 0.00	30.41 1.76 0.00	33.28 2.03 -1.16	43.71 2.19 -10.31	40.64 2.40 0.00	42.45 2.35 0.00	42.05 2.46 0.00	45.70 2.80 0.00	46.15 2.95 0.00	52.92 3.33 0.00	60.56 3.64 0.00	56.08 3.38 0.00	95.63 5.84 0.00	411.81 22.80 -0.01	225.56 11.02 0.00	54.33 2.40 -5.98	53.96 2.24 -7.04	53.15 2.44 -1.73	43.96 2.40 0.00	38.88 1.93 -1.71
ASTORIA_GT2_1 24094	28.88 1.61 0.00	36.05 1.80 -0.45	28.97 1.48 0.00	29.73 1.52 0.00	29.07 1.58 0.00	30.43 1.78 0.00	33.29 2.05 -1.16	43.72 2.20 -10.31	40.65 2.41 0.00	42.47 2.36 0.00	42.07 2.47 0.00	45.71 2.81 0.00	46.17 2.97 0.00	52.96 3.37 0.00	60.60 3.68 0.00	56.10 3.41 0.00	95.68 5.89 0.00	411.93 22.91 -0.01	225.73 11.20 0.00	54.36 2.43 -5.98	53.98 2.26 -7.04	53.19 2.47 -1.73	43.98 2.43 0.00	38.90 1.94 -1.71
ASTORIA_GT2_2 24095	28.88 1.61 0.00	36.05 1.80 -0.45	28.97 1.48 0.00	29.73 1.52 0.00	29.07 1.58 0.00	30.43 1.78 0.00	33.29 2.05 -1.16	43.72 2.20 -10.31	40.65 2.41 0.00	42.47 2.36 0.00	42.07 2.47 0.00	45.71 2.81 0.00	46.17 2.97 0.00	52.96 3.37 0.00	60.60 3.68 0.00	56.10 3.41 0.00	95.68 5.89 0.00	411.93 22.91 -0.01	225.73 11.20 0.00	54.36 2.43 -5.98	53.98 2.26 -7.04	53.19 2.47 -1.73	43.98 2.43 0.00	38.90 1.94 -1.71
ASTORIA_GT2_3 24096	28.88 1.61 0.00	36.05 1.80 -0.45	28.97 1.48 0.00	29.73 1.52 0.00	29.07 1.58 0.00	30.43 1.78 0.00	33.29 2.05 -1.16	43.72 2.20 -10.31	40.65 2.41 0.00	42.47 2.36 0.00	42.07 2.47 0.00	45.71 2.81 0.00	46.17 2.97 0.00	52.96 3.37 0.00	60.60 3.68 0.00	56.10 3.41 0.00	95.68 5.89 0.00	411.93 22.91 -0.01	225.73 11.20 0.00	54.36 2.43 -5.98	53.98 2.26 -7.04	53.19 2.47 -1.73	43.98 2.43 0.00	38.90 1.94 -1.71
ASTORIA_GT2_4 24097	28.88 1.61 0.00	36.05 1.80 -0.45	28.97 1.48 0.00	29.73 1.52 0.00	29.07 1.58 0.00	30.43 1.78 0.00	33.29 2.05 -1.16	43.72 2.20 -10.31	40.65 2.41 0.00	42.47 2.36 0.00	42.07 2.47 0.00	45.71 2.81 0.00	46.17 2.97 0.00	52.96 3.37 0.00	60.60 3.68 0.00	56.10 3.41 0.00	95.68 5.89 0.00	411.93 22.91 -0.01	225.73 11.20 0.00	54.36 2.43 -5.98	53.98 2.26 -7.04	53.19 2.47 -1.73	43.98 2.43 0.00	38.90 1.94 -1.71
ASTORIA_GT3_1 24098	28.88 1.61 0.00	36.05 1.80 -0.45	28.97 1.48 0.00	29.73 1.52 0.00	29.07 1.58 0.00	30.43 1.78 0.00	33.29 2.05 -1.16	43.72 2.20 -10.31	40.65 2.41 0.00	42.47 2.36 0.00	42.07 2.47 0.00	45.71 2.81 0.00	46.17 2.97 0.00	52.96 3.37 0.00	60.60 3.68 0.00	56.10 3.41 0.00	95.68 5.89 0.00	411.93 22.91 -0.01	225.73 11.20 0.00	54.36 2.43 -5.98	53.98 2.26 -7.04	53.19 2.47 -1.73	43.98 2.43 0.00	38.90 1.94 -1.71
ASTORIA_GT3_2 24099	28.88 1.61 0.00	36.05 1.80 -0.45	28.97 1.48 0.00	29.73 1.52 0.00	29.07 1.58 0.00	30.43 1.78 0.00	33.29 2.05 -1.16	43.72 2.20 -10.31	40.65 2.41 0.00	42.47 2.36 0.00	42.07 2.47 0.00	45.71 2.81 0.00	46.17 2.97 0.00	52.96 3.37 0.00	60.60 3.68 0.00	56.10 3.41 0.00	95.68 5.89 0.00	411.93 22.91 -0.01	225.73 11.20 0.00	54.36 2.43 -5.98	53.98 2.26 -7.04	53.19 2.47 -1.73	43.98 2.43 0.00	38.90 1.94 -1.71
ASTORIA_GT3_3 24100	28.88 1.61 0.00	36.05 1.80 -0.45	28.97 1.48 0.00	29.73 1.52 0.00	29.07 1.58 0.00	30.43 1.78 0.00	33.29 2.05 -1.16	43.72 2.20 -10.31	40.65 2.41 0.00	42.47 2.36 0.00	42.07 2.47 0.00	45.71 2.81 0.00	46.17 2.97 0.00	52.96 3.37 0.00	60.60 3.68 0.00	56.10 3.41 0.00	95.68 5.89 0.00	411.93 22.91 -0.01	225.73 11.20 0.00	54.36 2.43 -5.98	53.98 2.26 -7.04	53.19 2.47 -1.73	43.98 2.43 0.00	38.90 1.94 -1.71
ASTORIA_GT3_4 24101	28.88 1.61 0.00	36.05 1.80 -0.45	28.97 1.48 0.00	29.73 1.52 0.00	29.07 1.58 0.00	30.43 1.78 0.00	33.29 2.05 -1.16	43.72 2.20 -10.31	40.65 2.41 0.00	42.47 2.36 0.00	42.07 2.47 0.00	45.71 2.81 0.00	46.17 2.97 0.00	52.96 3.37 0.00	60.60 3.68 0.00	56.10 3.41 0.00	95.68 5.89 0.00	411.93 22.91 -0.01	225.73 11.20 0.00	54.36 2.43 -5.98	53.98 2.26 -7.04	53.19 2.47 -1.73	43.98 2.43 0.00	38.90 1.94 -1.71
ASTORIA_GT4_1 24102	28.88 1.61 0.00	36.05 1.80 -0.45	28.97 1.48 0.00	29.73 1.52 0.00	29.07 1.58 0.00	30.43 1.78 0.00	33.29 2.05 -1.16	43.72 2.20 -10.31	40.65 2.41 0.00	42.47 2.36 0.00	42.07 2.47 0.00	45.71 2.81 0.00	46.17 2.97 0.00	52.96 3.37 0.00	60.60 3.68 0.00	56.10 3.41 0.00	95.68 5.89 0.00	411.93 22.91 -0.01	225.73 11.20 0.00	54.36 2.43 -5.98	53.98 2.26 -7.04	53.19 2.47 -1.73	43.98 2.43 0.00	38.90 1.94 -1.71
ASTORIA_GT4_2 24103	28.88 1.61 0.00	36.05 1.80 -0.45	28.97 1.48 0.00	29.73 1.52 0.00	29.07 1.58 0.00	30.43 1.78 0.00	33.29 2.05 -1.16	43.72 2.20 -10.31	40.65 2.41 0.00	42.47 2.36 0.00	42.07 2.47 0.00	45.71 2.81 0.00	46.17 2.97 0.00	52.96 3.37 0.00	60.60 3.68 0.00	56.10 3.41 0.00	95.68 5.89 0.00	411.93 22.91 -0.01	225.73 11.20 0.00	54.36 2.43 -5.98	53.98 2.26 -7.04	53.19 2.47 -1.73	43.98 2.43 0.00	38.90 1.94 -1.71
ASTORIA_GT4_3 24104	28.88 1.61 0.00	36.05 1.80 -0.45	28.97 1.48 0.00	29.73 1.52 0.00	29.07 1.58 0.00	30.43 1.78 0.00	33.29 2.05 -1.16	43.72 2.20 -10.31	40.65 2.41 0.00	42.47 2.36 0.00	42.07 2.47 0.00	45.71 2.81 0.00	46.17 2.97 0.00	52.96 3.37 0.00	60.60 3.68 0.00	56.10 3.41 0.00	95.68 5.89 0.00	411.93 22.91 -0.01	225.73 11.20 0.00	54.36 2.43 -5.98	53.98 2.26 -7.04	53.19 2.47 -1.73	43.98 2.43 0.00	38.90 1.94 -1.71

ASTORIA_GT4_4 24105	28.88 1.61 0.00	36.05 1.80 -0.45	28.97 1.48 0.00	29.73 1.52 0.00	29.07 1.58 0.00	30.43 1.78 0.00	33.29 2.05 -1.16	43.72 2.20 -10.31	40.65 2.41 0.00	42.47 2.36 0.00	42.07 2.47 0.00	45.71 2.81 0.00	46.17 2.97 0.00	52.96 3.37 0.00	60.60 3.68 0.00	56.10 3.41 0.00	95.68 5.89 0.00	411.93 22.91 -0.01	225.73 11.20 0.00	54.36 2.43 -5.98	53.98 2.26 -7.04	53.19 2.47 -1.73	43.98 2.43 0.00	38.90 1.94 -1.71
ASTORIA_GT_1 23523	28.95 1.69 0.00	36.14 1.88 -0.45	29.03 1.54 0.00	29.79 1.58 0.00	29.13 1.64 0.00	30.49 1.84 0.00	33.36 2.12 -1.16	43.81 2.29 -10.31	40.76 2.52 0.00	42.58 2.47 0.00	42.19 2.60 0.00	45.85 2.96 0.00	46.31 3.11 0.00	53.11 3.52 0.00	60.79 3.87 0.00	56.27 3.57 0.00	95.99 6.19 0.00	413.30 24.28 -0.01	226.37 11.84 0.00	54.50 2.58 -5.98	54.11 2.40 -7.04	53.32 2.61 -1.73	44.10 2.55 0.00	38.99 2.04 -1.71
ASTORIA_GT_10 24110	28.75 1.48 0.00	35.88 1.62 -0.45	28.83 1.34 0.00	29.59 1.38 0.00	28.93 1.44 0.00	30.28 1.63 0.00	33.14 1.90 -1.16	43.66 2.14 -10.31	40.62 2.39 0.00	42.43 2.32 0.00	42.05 2.46 0.00	45.60 2.71 0.00	46.00 2.80 0.00	52.70 3.11 0.00	60.27 3.35 0.00	55.83 3.13 0.00	95.20 5.40 0.00	410.09 21.08 0.00	224.94 10.41 0.00	54.20 2.28 -5.98	53.86 2.15 -7.04	53.05 2.33 -1.72	43.92 2.36 0.00	38.95 2.00 -1.71
ASTORIA_GT_11 24225	28.75 1.48 0.00	35.88 1.62 -0.45	28.83 1.34 0.00	29.59 1.38 0.00	28.93 1.44 0.00	30.28 1.63 0.00	33.14 1.90 -1.16	43.66 2.14 -10.31	40.62 2.39 0.00	42.43 2.32 0.00	42.05 2.46 0.00	45.60 2.71 0.00	46.00 2.80 0.00	52.70 3.11 0.00	60.27 3.35 0.00	55.83 3.13 0.00	95.20 5.40 0.00	410.09 21.08 0.00	224.94 10.41 0.00	54.20 2.28 -5.98	53.86 2.15 -7.04	53.05 2.33 -1.72	43.92 2.36 0.00	38.95 2.00 -1.71
ASTORIA_GT_12 24226	28.75 1.48 0.00	35.88 1.62 -0.45	28.83 1.34 0.00	29.59 1.38 0.00	28.93 1.44 0.00	30.28 1.63 0.00	33.14 1.90 -1.16	43.66 2.14 -10.31	40.62 2.39 0.00	42.43 2.32 0.00	42.05 2.46 0.00	45.60 2.71 0.00	46.00 2.80 0.00	52.70 3.11 0.00	60.27 3.35 0.00	55.83 3.13 0.00	95.20 5.40 0.00	410.09 21.08 0.00	224.94 10.41 0.00	54.20 2.28 -5.98	53.86 2.15 -7.04	53.05 2.33 -1.72	43.92 2.36 0.00	38.95 2.00 -1.71
ASTORIA_GT_13 24227	28.75 1.48 0.00	35.88 1.62 -0.45	28.83 1.34 0.00	29.59 1.38 0.00	28.93 1.44 0.00	30.28 1.63 0.00	33.14 1.90 -1.16	43.66 2.14 -10.31	40.62 2.39 0.00	42.43 2.32 0.00	42.05 2.46 0.00	45.60 2.71 0.00	46.00 2.80 0.00	52.70 3.11 0.00	60.27 3.35 0.00	55.83 3.13 0.00	95.20 5.40 0.00	410.09 21.08 0.00	224.94 10.41 0.00	54.20 2.28 -5.98	53.86 2.15 -7.04	53.05 2.33 -1.72	43.92 2.36 0.00	38.95 2.00 -1.71
ASTORIA_GT_5 24106	28.95 1.69 0.00	36.14 1.88 -0.45	29.03 1.54 0.00	29.79 1.58 0.00	29.13 1.64 0.00	30.49 1.84 0.00	33.36 2.12 -1.16	43.81 2.29 -10.31	40.75 2.51 0.00	42.57 2.47 0.00	42.19 2.59 0.00	45.85 2.96 0.00	46.31 3.11 0.00	53.11 3.52 0.00	60.79 3.87 0.00	56.27 3.58 0.00	95.98 6.19 0.00	413.30 24.28 -0.01	226.40 11.87 0.00	54.51 2.58 -5.98	54.11 2.40 -7.04	53.32 2.61 -1.73	44.10 2.55 0.00	38.99 2.04 -1.71
ASTORIA_GT_7 24107	28.95 1.69 0.00	36.14 1.88 -0.45	29.03 1.54 0.00	29.79 1.58 0.00	29.13 1.64 0.00	30.49 1.84 0.00	33.36 2.12 -1.16	43.81 2.29 -10.31	40.75 2.51 0.00	42.57 2.47 0.00	42.19 2.59 0.00	45.85 2.96 0.00	46.31 3.11 0.00	53.11 3.52 0.00	60.79 3.87 0.00	56.27 3.58 0.00	95.98 6.19 0.00	413.30 24.28 -0.01	226.40 11.87 0.00	54.51 2.58 -5.98	54.11 2.40 -7.04	53.32 2.61 -1.73	44.10 2.55 0.00	38.99 2.04 -1.71
ASTORIA_GT_8 24108	28.95 1.69 0.00	36.14 1.88 -0.45	29.03 1.54 0.00	29.79 1.58 0.00	29.13 1.64 0.00	30.49 1.84 0.00	33.36 2.12 -1.16	43.81 2.29 -10.31	40.75 2.51 0.00	42.57 2.47 0.00	42.19 2.59 0.00	45.85 2.96 0.00	46.31 3.11 0.00	53.11 3.52 0.00	60.79 3.87 0.00	56.27 3.58 0.00	95.98 6.19 0.00	413.30 24.28 -0.01	226.40 11.87 0.00	54.51 2.58 -5.98	54.11 2.40 -7.04	53.32 2.61 -1.73	44.10 2.55 0.00	38.99 2.04 -1.71
ASTORIA___2 24149	28.88 1.61 0.00	36.05 1.80 -0.45	28.96 1.48 0.00	29.73 1.52 0.00	29.07 1.58 0.00	30.43 1.78 0.00	33.29 2.04 -1.16	43.72 2.20 -10.31	40.65 2.41 0.00	42.47 2.37 0.00	42.07 2.48 0.00	45.72 2.83 0.00	46.17 2.97 0.00	52.96 3.37 0.00	60.60 3.68 0.00	56.10 3.40 0.00	95.70 5.90 0.00	411.98 22.96 -0.01	225.73 11.20 0.00	54.35 2.43 -5.98	53.98 2.26 -7.04	53.18 2.46 -1.73	43.98 2.43 0.00	38.90 1.94 -1.71
ASTORIA___3 23516	28.75 1.48 0.00	35.88 1.62 -0.45	28.83 1.34 0.00	29.59 1.38 0.00	28.93 1.45 0.00	30.28 1.63 0.00	33.14 1.90 -1.16	43.66 2.14 -10.31	40.63 2.39 0.00	42.43 2.33 0.00	42.06 2.46 0.00	45.61 2.72 0.00	46.00 2.80 0.00	52.70 3.12 0.00	60.25 3.33 0.00	55.83 3.13 0.00	95.20 5.40 0.00	410.03 21.02 0.00	224.92 10.39 0.00	54.20 2.28 -5.98	53.85 2.14 -7.04	53.04 2.33 -1.72	43.92 2.36 0.00	38.95 2.00 -1.71
ASTORIA___4 23517	28.75 1.48 0.00	35.88 1.62 -0.45	28.83 1.34 0.00	29.59 1.38 0.00	28.93 1.44 0.00	30.28 1.63 0.00	33.14 1.90 -1.16	43.66 2.14 -10.31	40.62 2.39 0.00	42.43 2.32 0.00	42.05 2.46 0.00	45.60 2.71 0.00	46.00 2.80 0.00	52.70 3.11 0.00	60.26 3.35 0.00	55.83 3.13 0.00	95.19 5.39 0.00	410.09 21.08 0.00	224.92 10.39 0.00	54.20 2.28 -5.98	53.85 2.14 -7.04	53.04 2.33 -1.72	43.92 2.36 0.00	38.95 2.00 -1.71
ASTORIA___5 23518	28.75 1.48 0.00	35.88 1.62 -0.45	28.83 1.34 0.00	29.59 1.38 0.00	28.93 1.45 0.00	30.28 1.63 0.00	33.14 1.90 -1.16	43.66 2.14 -10.31	40.63 2.39 0.00	42.43 2.33 0.00	42.06 2.46 0.00	45.61 2.72 0.00	46.00 2.80 0.00	52.70 3.12 0.00	60.26 3.34 0.00	55.83 3.13 0.00	95.20 5.40 0.00	410.03 21.02 0.00	224.92 10.39 0.00	54.20 2.28 -5.98	53.85 2.14 -7.04	53.04 2.33 -1.72	43.92 2.36 0.00	38.95 2.00 -1.71
AST_ENERGY_2_CC3 323677	28.62 1.36 0.00	35.74 1.49 -0.45	28.73 1.24 0.00	29.48 1.27 0.00	28.82 1.33 0.00	30.14 1.49 0.00	32.98 1.74 -1.16	43.51 2.00 -10.30	40.44 2.21 0.00	42.25 2.15 0.00	41.87 2.28 0.00	45.45 2.55 0.00	45.82 2.62 0.00	52.58 2.99 0.00	60.19 3.27 0.00	55.79 3.10 0.00	95.17 5.38 0.00	410.03 21.02 0.00	224.85 10.32 0.00	54.17 2.25 -5.98	53.83 2.12 -7.04	52.97 2.26 -1.72	43.72 2.17 0.00	38.83 1.87 -1.71
AST_ENERGY_2_CC4 323678	28.62 1.36 0.00	35.74 1.49 -0.45	28.73 1.24 0.00	29.48 1.27 0.00	28.82 1.33 0.00	30.14 1.49 0.00	32.98 1.74 -1.16	43.51 2.00 -10.30	40.44 2.21 0.00	42.25 2.15 0.00	41.87 2.28 0.00	45.45 2.55 0.00	45.82 2.62 0.00	52.58 2.99 0.00	60.19 3.27 0.00	55.79 3.10 0.00	95.17 5.38 0.00	410.03 21.02 0.00	224.85 10.32 0.00	54.17 2.25 -5.98	53.83 2.12 -7.04	52.97 2.26 -1.72	43.72 2.17 0.00	38.83 1.87 -1.71

ATHENS_STG_1 23668	27.80 0.53 0.00	34.53 0.62 -0.10	28.05 0.56 0.00	28.83 0.61 0.00	28.13 0.64 0.00	29.33 0.68 0.00	31.14 0.81 -0.25	34.28 0.85 -2.21	39.08 0.85 0.00	40.92 0.82 0.00	40.45 0.86 0.00	43.96 1.06 0.00	44.25 1.06 0.00	50.70 1.11 0.00	58.13 1.21 0.00	53.87 1.17 0.00	91.79 2.00 0.00	397.40 8.39 0.00	219.01 4.48 0.00	51.72 1.11 -4.67	51.23 1.05 -5.50	51.48 1.14 -1.34	42.61 1.06 0.00	36.50 0.89 -0.37
ATHENS_STG_2 23670	27.80 0.53 0.00	34.53 0.62 -0.10	28.05 0.56 0.00	28.83 0.61 0.00	28.13 0.64 0.00	29.33 0.68 0.00	31.14 0.81 -0.25	34.28 0.85 -2.21	39.08 0.85 0.00	40.92 0.82 0.00	40.45 0.86 0.00	43.96 1.06 0.00	44.25 1.06 0.00	50.70 1.11 0.00	58.13 1.21 0.00	53.87 1.17 0.00	91.79 2.00 0.00	397.40 8.39 0.00	219.01 4.48 0.00	51.72 1.11 -4.67	51.23 1.05 -5.50	51.48 1.14 -1.34	42.61 1.06 0.00	36.50 0.89 -0.37
ATHENS_STG_3 23677	27.80 0.53 0.00	34.53 0.62 -0.10	28.05 0.56 0.00	28.83 0.61 0.00	28.13 0.64 0.00	29.33 0.68 0.00	31.14 0.81 -0.25	34.28 0.85 -2.21	39.08 0.85 0.00	40.92 0.82 0.00	40.45 0.86 0.00	43.96 1.06 0.00	44.25 1.06 0.00	50.70 1.11 0.00	58.13 1.21 0.00	53.87 1.17 0.00	91.79 2.00 0.00	397.40 8.39 0.00	219.01 4.48 0.00	51.72 1.11 -4.67	51.23 1.05 -5.50	51.48 1.14 -1.34	42.61 1.06 0.00	36.50 0.89 -0.37
AUBURN___LFGE 323710	27.84 0.57 0.00	34.47 0.66 0.00	27.97 0.48 0.00	28.73 0.52 0.00	27.90 0.42 0.00	29.01 0.36 0.00	30.42 0.34 0.00	31.47 0.25 0.00	39.17 0.53 -0.40	41.37 0.66 -0.61	40.47 0.80 -0.07	44.65 1.28 -0.48	44.99 1.26 -0.54	52.92 1.78 -1.55	61.74 2.11 -2.71	56.98 2.22 -2.06	97.94 4.47 -3.67	412.09 16.58 -6.50	228.85 7.96 -6.37	48.86 1.99 -0.93	47.25 1.82 -0.74	52.60 1.87 -1.73	43.45 1.58 -0.31	36.36 1.12 0.00
BABYLON_RES_REC 323704	28.83 1.56 0.00	36.22 1.96 -0.45	29.12 1.63 0.00	29.85 1.64 0.00	29.20 1.72 0.00	30.62 1.97 0.00	37.48 2.32 -5.08	44.00 2.39 -10.40	40.60 2.36 0.00	41.96 1.85 0.00	41.44 1.85 0.00	45.07 2.17 0.00	45.48 2.28 0.00	52.28 2.69 0.00	49.95 2.27 9.24	54.78 2.21 0.12	73.54 4.12 20.38	327.37 15.41 77.06	220.80 7.86 1.59	50.63 1.74 -2.96	53.43 1.72 -7.03	52.80 2.09 -1.72	44.10 2.54 0.00	38.98 2.02 -1.73
BABYLON___69_KV_BK2 356345	29.15 1.88 0.00	36.61 2.34 -0.45	29.43 1.94 0.00	30.17 1.96 0.00	29.50 2.02 0.00	30.95 2.30 0.00	37.84 2.67 -5.08	44.35 2.74 -10.40	41.05 2.82 0.00	42.66 2.55 0.00	42.26 2.67 0.00	46.03 3.14 0.00	46.40 3.20 0.00	53.44 3.85 0.00	51.71 3.58 8.79	56.03 3.45 0.11	75.28 6.28 20.79	335.90 24.87 77.99	226.15 13.09 1.46	51.70 2.86 -2.90	54.56 2.85 -7.03	53.81 3.10 -1.72	44.69 3.13 0.00	39.44 2.47 -1.73
BALL_HILL_WT_PWR 323825	28.57 1.31 0.00	34.96 1.15 0.00	28.14 0.65 0.00	28.85 0.64 0.00	28.05 0.56 0.00	28.87 0.22 0.00	29.99 -0.10 0.00	30.89 -0.32 0.00	38.84 0.60 0.00	41.14 1.04 0.00	41.19 1.60 0.00	45.16 2.27 0.00	45.78 2.58 0.00	53.11 3.52 0.00	60.94 4.03 0.00	56.54 3.84 0.00	97.02 7.23 0.00	415.73 26.72 0.00	227.89 13.36 0.00	48.99 3.05 0.00	47.26 2.58 0.00	51.92 2.93 0.00	44.44 2.89 0.00	37.90 2.66 0.00
BARON_WINDS___WT_PWR 323822	28.06 0.79 0.00	34.47 0.65 0.00	27.85 0.36 0.00	28.59 0.38 0.00	27.81 0.33 0.00	28.77 0.12 0.00	30.00 -0.08 0.00	31.08 -0.14 0.00	38.99 0.65 -0.10	41.03 0.78 -0.15	40.64 1.03 -0.02	44.53 1.52 -0.12	44.75 1.42 -0.13	51.90 1.93 -0.39	59.64 2.05 -0.67	54.84 1.63 -0.51	93.89 3.19 -0.91	403.90 13.27 -1.61	223.76 7.65 -1.58	47.49 1.32 -0.23	46.07 1.21 -0.19	51.14 1.71 -0.43	43.27 1.63 -0.08	36.71 1.46 0.00
BARRETT_IC_1 23704	28.67 1.40 0.00	35.98 1.72 -0.45	28.90 1.42 0.00	29.65 1.44 0.00	29.00 1.51 0.00	30.37 1.72 0.00	37.17 2.01 -5.08	43.64 2.03 -10.40	40.16 1.92 0.00	41.81 1.71 0.00	41.46 1.87 0.00	45.03 2.14 0.00	45.40 2.20 0.00	52.17 2.58 0.00	-111.17 2.64 170.73	52.22 2.53 3.01	70.70 4.40 23.49	157.94 17.45 248.52	182.98 8.75 40.29	50.37 1.93 -2.49	53.56 1.86 -7.02	52.86 2.15 -1.72	43.91 2.35 0.00	38.88 1.91 -1.73
BARRETT_IC_10 23701	28.67 1.40 0.00	35.98 1.72 -0.45	28.90 1.42 0.00	29.65 1.44 0.00	29.00 1.51 0.00	30.37 1.72 0.00	37.17 2.01 -5.08	43.64 2.03 -10.40	40.16 1.92 0.00	41.81 1.71 0.00	41.46 1.87 0.00	45.03 2.14 0.00	45.40 2.20 0.00	52.17 2.58 0.00	-111.17 2.64 170.73	52.22 2.53 3.01	70.70 4.40 23.49	157.94 17.45 248.52	182.98 8.75 40.29	50.37 1.93 -2.49	53.56 1.86 -7.02	52.86 2.15 -1.72	43.91 2.35 0.00	38.88 1.91 -1.73
BARRETT_IC_11 23702	28.67 1.40 0.00	35.98 1.72 -0.45	28.90 1.42 0.00	29.65 1.44 0.00	29.00 1.51 0.00	30.37 1.72 0.00	37.17 2.01 -5.08	43.64 2.03 -10.40	40.16 1.92 0.00	41.81 1.71 0.00	41.46 1.87 0.00	45.03 2.14 0.00	45.40 2.20 0.00	52.17 2.58 0.00	-111.17 2.64 170.73	52.22 2.53 3.01	70.70 4.40 23.49	157.94 17.45 248.52	182.98 8.75 40.29	50.37 1.93 -2.49	53.56 1.86 -7.02	52.86 2.15 -1.72	43.91 2.35 0.00	38.88 1.91 -1.73
BARRETT_IC_12 23703	28.67 1.40 0.00	35.98 1.72 -0.45	28.90 1.42 0.00	29.65 1.44 0.00	29.00 1.51 0.00	30.37 1.72 0.00	37.17 2.01 -5.08	43.64 2.03 -10.40	40.16 1.92 0.00	41.81 1.71 0.00	41.46 1.87 0.00	45.03 2.14 0.00	45.40 2.20 0.00	52.17 2.58 0.00	-111.17 2.64 170.73	52.22 2.53 3.01	70.70 4.40 23.49	157.94 17.45 248.52	182.98 8.75 40.29	50.37 1.93 -2.49	53.56 1.86 -7.02	52.86 2.15 -1.72	43.91 2.35 0.00	38.88 1.91 -1.73
BARRETT_IC_2 23705	28.67 1.40 0.00	35.98 1.72 -0.45	28.90 1.42 0.00	29.65 1.44 0.00	29.00 1.51 0.00	30.37 1.72 0.00	37.17 2.01 -5.08	43.64 2.03 -10.40	40.16 1.92 0.00	41.81 1.71 0.00	41.46 1.87 0.00	45.03 2.14 0.00	45.40 2.20 0.00	52.17 2.58 0.00	-111.17 2.64 170.73	52.22 2.53 3.01	70.70 4.40 23.49	157.94 17.45 248.52	182.98 8.75 40.29	50.37 1.93 -2.49	53.56 1.86 -7.02	52.86 2.15 -1.72	43.91 2.35 0.00	38.88 1.91 -1.73
BARRETT_IC_3 23706	28.67 1.40 0.00	35.98 1.72 -0.45	28.90 1.42 0.00	29.65 1.44 0.00	29.00 1.51 0.00	30.37 1.72 0.00	37.17 2.01 -5.08	43.64 2.03 -10.40	40.16 1.92 0.00	41.81 1.71 0.00	41.46 1.87 0.00	45.03 2.14 0.00	45.40 2.20 0.00	52.17 2.58 0.00	-111.17 2.64 170.73	52.22 2.53 3.01	70.70 4.40 23.49	157.94 17.45 248.52	182.98 8.75 40.29	50.37 1.93 -2.49	53.56 1.86 -7.02	52.86 2.15 -1.72	43.91 2.35 0.00	38.88 1.91 -1.73
BARRETT_IC_4 23707	28.67 1.40 0.00	35.98 1.72 -0.45	28.90 1.42 0.00	29.65 1.44 0.00	29.00 1.51 0.00	30.37 1.72 0.00	37.17 2.01 -5.08	43.64 2.03 -10.40	40.16 1.92 0.00	41.81 1.71 0.00	41.46 1.87 0.00	45.03 2.14 0.00	45.40 2.20 0.00	52.17 2.58 0.00	-111.17 2.64 170.73	52.22 2.53 3.01	70.70 4.40 23.49	157.94 17.45 248.52	182.98 8.75 40.29	50.37 1.93 -2.49	53.56 1.86 -7.02	52.86 2.15 -1.72	43.91 2.35 0.00	38.88 1.91 -1.73

BARRETT_IC_5 23708	28.67 1.40 0.00	35.98 1.72 -0.45	28.90 1.42 0.00	29.65 1.44 0.00	29.00 1.51 0.00	30.37 1.72 0.00	37.17 2.01 -5.08	43.64 2.03 -10.40	40.16 1.92 0.00	41.81 1.71 0.00	41.46 1.87 0.00	45.03 2.14 0.00	45.40 2.20 0.00	52.17 2.58 0.00	-111.17 2.64 170.73	52.22 2.53 3.01	70.70 4.40 23.49	157.94 17.45 248.52	182.98 8.75 40.29	50.37 1.93 -2.49	53.56 1.86 -7.02	52.86 2.15 -1.72	43.91 2.35 0.00	38.88 1.91 -1.73
BARRETT_IC_6 23709	28.67 1.40 0.00	35.98 1.72 -0.45	28.90 1.42 0.00	29.65 1.44 0.00	29.00 1.51 0.00	30.37 1.72 0.00	37.17 2.01 -5.08	43.64 2.03 -10.40	40.16 1.92 0.00	41.81 1.71 0.00	41.46 1.87 0.00	45.03 2.14 0.00	45.40 2.20 0.00	52.17 2.58 0.00	-111.17 2.64 170.73	52.22 2.53 3.01	70.70 4.40 23.49	157.94 17.45 248.52	182.98 8.75 40.29	50.37 1.93 -2.49	53.56 1.86 -7.02	52.86 2.15 -1.72	43.91 2.35 0.00	38.88 1.91 -1.73
BARRETT_IC_7 23710	28.67 1.40 0.00	35.98 1.72 -0.45	28.90 1.42 0.00	29.66 1.44 0.00	29.00 1.51 0.00	30.38 1.73 0.00	37.17 2.01 -5.08	43.64 2.03 -10.40	40.15 1.92 0.00	41.81 1.70 0.00	41.46 1.87 0.00	45.03 2.14 0.00	45.40 2.20 0.00	52.17 2.58 0.00	-111.16 2.64 170.72	52.23 2.53 3.00	70.69 4.38 23.49	157.94 17.45 248.52	183.01 8.77 40.29	50.38 1.93 -2.50	53.57 1.86 -7.03	52.87 2.16 -1.72	43.90 2.35 0.00	38.88 1.91 -1.73
BARRETT_IC_8 23711	28.67 1.40 0.00	35.98 1.72 -0.45	28.90 1.42 0.00	29.65 1.44 0.00	29.00 1.51 0.00	30.37 1.72 0.00	37.17 2.01 -5.08	43.64 2.03 -10.40	40.16 1.92 0.00	41.81 1.71 0.00	41.46 1.87 0.00	45.03 2.14 0.00	45.40 2.20 0.00	52.17 2.58 0.00	-111.17 2.64 170.73	52.22 2.53 3.01	70.70 4.40 23.49	157.94 17.45 248.52	182.98 8.75 40.29	50.37 1.93 -2.49	53.56 1.86 -7.02	52.86 2.15 -1.72	43.91 2.35 0.00	38.88 1.91 -1.73
BARRETT_IC_9 23700	28.67 1.40 0.00	35.98 1.72 -0.45	28.90 1.42 0.00	29.65 1.44 0.00	29.00 1.51 0.00	30.37 1.72 0.00	37.17 2.01 -5.08	43.64 2.03 -10.40	40.16 1.92 0.00	41.81 1.71 0.00	41.46 1.87 0.00	45.03 2.14 0.00	45.40 2.20 0.00	52.17 2.58 0.00	-111.17 2.64 170.73	52.22 2.53 3.01	70.70 4.40 23.49	157.94 17.45 248.52	182.98 8.75 40.29	50.37 1.93 -2.49	53.56 1.86 -7.02	52.86 2.15 -1.72	43.91 2.35 0.00	38.88 1.91 -1.73
BARRETT___1 23545	28.67 1.40 0.00	35.98 1.72 -0.45	28.90 1.42 0.00	29.65 1.44 0.00	29.00 1.51 0.00	30.37 1.72 0.00	37.17 2.01 -5.08	43.64 2.03 -10.40	40.16 1.92 0.00	41.81 1.71 0.00	41.46 1.87 0.00	45.03 2.14 0.00	45.40 2.20 0.00	52.17 2.58 0.00	-111.17 2.64 170.73	52.22 2.53 3.01	70.70 4.40 23.49	157.94 17.45 248.52	182.98 8.75 40.29	50.37 1.93 -2.49	53.56 1.86 -7.02	52.86 2.15 -1.72	43.91 2.35 0.00	38.88 1.91 -1.73
BARRETT___2 23546	28.67 1.40 0.00	35.98 1.72 -0.45	28.90 1.42 0.00	29.65 1.44 0.00	29.00 1.51 0.00	30.37 1.72 0.00	37.17 2.01 -5.08	43.64 2.03 -10.40	40.16 1.92 0.00	41.81 1.71 0.00	41.46 1.87 0.00	45.03 2.14 0.00	45.40 2.20 0.00	52.17 2.58 0.00	-111.17 2.64 170.73	52.22 2.53 3.01	70.70 4.40 23.49	157.94 17.45 248.52	182.98 8.75 40.29	50.37 1.93 -2.49	53.56 1.86 -7.02	52.86 2.15 -1.72	43.91 2.35 0.00	38.88 1.91 -1.73
BATAVIA__115KV_TB1 55881	29.07 1.80 0.00	35.59 1.78 0.00	28.64 1.15 0.00	29.28 1.07 0.00	28.52 1.03 0.00	29.37 0.72 0.00	30.48 0.39 0.00	31.34 0.12 0.00	39.22 0.99 0.00	41.53 1.43 0.00	41.82 2.23 0.00	45.73 2.84 0.00	46.67 3.47 0.00	54.23 4.64 0.00	62.06 5.14 0.00	57.52 4.82 0.00	98.42 8.63 0.00	424.48 35.47 0.00	233.59 19.06 0.00	50.24 4.30 0.00	48.42 3.75 0.00	52.96 3.97 0.00	45.26 3.71 0.00	38.52 3.27 0.00
BAYONEEC___CTG1 323682	28.66 1.40 0.00	35.78 1.52 -0.45	28.76 1.27 0.00	29.51 1.30 0.00	28.86 1.37 0.00	30.18 1.53 0.00	33.02 1.78 -1.16	43.55 2.04 -10.30	40.49 2.25 0.00	42.28 2.17 0.00	41.89 2.30 0.00	45.46 2.56 0.00	45.82 2.62 0.00	52.59 3.01 0.00	60.23 3.31 0.00	55.82 3.13 0.00	95.21 5.42 0.00	410.14 21.13 0.00	224.93 10.41 0.00	54.18 2.27 -5.97	53.85 2.15 -7.03	52.99 2.28 -1.72	43.76 2.21 0.00	38.87 1.92 -1.71
BAYONEEC___CTG10 323750	28.66 1.40 0.00	35.78 1.52 -0.45	28.76 1.27 0.00	29.51 1.30 0.00	28.86 1.37 0.00	30.18 1.53 0.00	33.02 1.78 -1.16	43.55 2.04 -10.30	40.49 2.25 0.00	42.28 2.17 0.00	41.89 2.30 0.00	45.46 2.56 0.00	45.82 2.62 0.00	52.59 3.01 0.00	60.23 3.31 0.00	55.82 3.13 0.00	95.21 5.42 0.00	410.14 21.13 0.00	224.93 10.41 0.00	54.18 2.27 -5.97	53.85 2.15 -7.03	52.99 2.28 -1.72	43.76 2.21 0.00	38.87 1.92 -1.71
BAYONEEC___CTG2 323683	28.66 1.40 0.00	35.78 1.52 -0.45	28.76 1.27 0.00	29.51 1.30 0.00	28.86 1.37 0.00	30.18 1.53 0.00	33.02 1.78 -1.16	43.55 2.04 -10.30	40.49 2.25 0.00	42.28 2.17 0.00	41.89 2.30 0.00	45.46 2.56 0.00	45.82 2.62 0.00	52.59 3.01 0.00	60.23 3.31 0.00	55.82 3.13 0.00	95.21 5.42 0.00	410.14 21.13 0.00	224.93 10.41 0.00	54.18 2.27 -5.97	53.85 2.15 -7.03	52.99 2.28 -1.72	43.76 2.21 0.00	38.87 1.92 -1.71
BAYONEEC___CTG3 323684	28.66 1.40 0.00	35.78 1.52 -0.45	28.76 1.27 0.00	29.51 1.30 0.00	28.86 1.37 0.00	30.18 1.53 0.00	33.02 1.78 -1.16	43.55 2.04 -10.30	40.49 2.25 0.00	42.28 2.17 0.00	41.89 2.30 0.00	45.46 2.56 0.00	45.82 2.62 0.00	52.59 3.01 0.00	60.23 3.31 0.00	55.82 3.13 0.00	95.21 5.42 0.00	410.14 21.13 0.00	224.93 10.41 0.00	54.18 2.27 -5.97	53.85 2.15 -7.03	52.99 2.28 -1.72	43.76 2.21 0.00	38.87 1.92 -1.71
BAYONEEC___CTG4 323685	28.66 1.40 0.00	35.78 1.52 -0.45	28.76 1.27 0.00	29.51 1.30 0.00	28.86 1.37 0.00	30.18 1.53 0.00	33.02 1.78 -1.16	43.55 2.04 -10.30	40.49 2.25 0.00	42.28 2.17 0.00	41.89 2.30 0.00	45.46 2.56 0.00	45.82 2.62 0.00	52.59 3.01 0.00	60.23 3.31 0.00	55.82 3.13 0.00	95.21 5.42 0.00	410.14 21.13 0.00	224.93 10.41 0.00	54.18 2.27 -5.97	53.85 2.15 -7.03	52.99 2.28 -1.72	43.76 2.21 0.00	38.87 1.92 -1.71
BAYONEEC___CTG5 323686	28.66 1.40 0.00	35.78 1.52 -0.45	28.76 1.27 0.00	29.51 1.30 0.00	28.86 1.37 0.00	30.18 1.53 0.00	33.02 1.78 -1.16	43.55 2.04 -10.30	40.49 2.25 0.00	42.28 2.17 0.00	41.89 2.30 0.00	45.46 2.56 0.00	45.82 2.62 0.00	52.59 3.01 0.00	60.23 3.31 0.00	55.82 3.13 0.00	95.21 5.42 0.00	410.14 21.13 0.00	224.93 10.41 0.00	54.18 2.27 -5.97	53.85 2.15 -7.03	52.99 2.28 -1.72	43.76 2.21 0.00	38.87 1.92 -1.71
BAYONEEC___CTG6 323687	28.66 1.40 0.00	35.78 1.52 -0.45	28.76 1.27 0.00	29.51 1.30 0.00	28.86 1.37 0.00	30.18 1.53 0.00	33.02 1.78 -1.16	43.55 2.04 -10.30	40.49 2.25 0.00	42.28 2.17 0.00	41.89 2.30 0.00	45.46 2.56 0.00	45.82 2.62 0.00	52.59 3.01 0.00	60.23 3.31 0.00	55.82 3.13 0.00	95.21 5.42 0.00	410.14 21.13 0.00	224.93 10.41 0.00	54.18 2.27 -5.97	53.85 2.15 -7.03	52.99 2.28 -1.72	43.76 2.21 0.00	38.87 1.92 -1.71

BAYONEEC___CTG7 323688	28.66 1.40 0.00	35.78 1.52 -0.45	28.76 1.27 0.00	29.51 1.30 0.00	28.86 1.37 0.00	30.18 1.53 0.00	33.02 1.78 -1.16	43.55 2.04 -10.30	40.49 2.25 0.00	42.28 2.17 0.00	41.89 2.30 0.00	45.46 2.56 0.00	45.82 2.62 0.00	52.59 3.01 0.00	60.23 3.31 0.00	55.82 3.13 0.00	95.21 5.42 0.00	410.14 21.13 0.00	224.93 10.41 0.00	54.18 2.27 -5.97	53.85 2.15 -7.03	52.99 2.28 -1.72	43.76 2.21 0.00	38.87 1.92 -1.71
BAYONEEC___CTG8 323689	28.66 1.40 0.00	35.78 1.52 -0.45	28.76 1.27 0.00	29.51 1.30 0.00	28.86 1.37 0.00	30.18 1.53 0.00	33.02 1.78 -1.16	43.55 2.04 -10.30	40.49 2.25 0.00	42.28 2.17 0.00	41.89 2.30 0.00	45.46 2.56 0.00	45.82 2.62 0.00	52.59 3.01 0.00	60.23 3.31 0.00	55.82 3.13 0.00	95.21 5.42 0.00	410.14 21.13 0.00	224.93 10.41 0.00	54.18 2.27 -5.97	53.85 2.15 -7.03	52.99 2.28 -1.72	43.76 2.21 0.00	38.87 1.92 -1.71
BAYONEEC___CTG9 323749	28.66 1.40 0.00	35.78 1.52 -0.45	28.76 1.27 0.00	29.51 1.30 0.00	28.86 1.37 0.00	30.18 1.53 0.00	33.02 1.78 -1.16	43.55 2.04 -10.30	40.49 2.25 0.00	42.28 2.17 0.00	41.89 2.30 0.00	45.46 2.56 0.00	45.82 2.62 0.00	52.59 3.01 0.00	60.23 3.31 0.00	55.82 3.13 0.00	95.21 5.42 0.00	410.14 21.13 0.00	224.93 10.41 0.00	54.18 2.27 -5.97	53.85 2.15 -7.03	52.99 2.28 -1.72	43.76 2.21 0.00	38.87 1.92 -1.71
BEACON___LESR 323632	27.87 0.61 0.00	34.58 0.69 -0.07	28.10 0.61 0.00	28.88 0.67 0.00	28.19 0.70 0.00	29.42 0.76 0.00	31.21 0.93 -0.19	33.90 0.98 -1.71	39.19 0.96 0.00	41.09 0.99 0.00	40.49 0.90 0.00	44.15 1.26 0.00	44.42 1.22 0.00	50.97 1.38 0.00	58.46 1.54 0.00	54.09 1.40 0.00	92.73 2.93 0.00	402.81 13.80 0.00	222.55 8.02 0.00	84.02 1.97 -36.12	89.08 1.87 -42.52	61.20 1.83 -10.39	42.98 1.42 0.00	36.79 1.26 -0.28
BEAVER RIVER___HYD 24048	27.71 0.45 0.00	34.19 0.38 0.00	27.76 0.27 0.00	28.47 0.25 0.00	27.73 0.25 0.00	28.98 0.33 0.00	30.35 0.26 0.00	31.45 0.23 0.00	38.90 0.43 -0.24	40.86 0.40 -0.35	39.90 0.26 -0.04	43.42 0.25 -0.28	43.78 0.27 -0.32	50.91 0.42 -0.90	59.12 0.63 -1.58	54.67 0.78 -1.20	93.36 1.44 -2.12	403.25 10.45 -3.79	224.09 5.85 -3.71	49.40 1.12 -2.35	46.60 1.49 -0.43	51.88 1.88 -1.01	42.88 1.14 -0.18	35.79 0.55 0.00
BEEBEE_GT_13 23619	28.23 0.97 0.00	34.74 0.93 0.00	28.03 0.54 0.00	28.69 0.47 0.00	27.95 0.47 0.00	28.89 0.24 0.00	30.08 -0.01 0.00	30.98 -0.24 0.00	38.54 0.30 0.00	40.78 0.68 0.00	40.86 1.26 0.00	44.75 1.86 0.00	45.50 2.30 0.00	52.67 3.08 0.00	60.46 3.54 0.00	56.14 3.44 0.00	95.84 6.05 0.00	412.62 23.61 0.00	227.52 13.00 0.00	48.67 2.73 0.00	46.97 2.29 0.00	51.40 2.41 0.00	43.81 2.26 0.00	37.23 1.98 0.00
BENSHRST_27_KV_BENSHRST_1 355998	30.15 1.81 -1.07	36.26 2.00 -0.45	29.12 1.63 0.00	29.87 1.66 0.00	29.19 1.71 0.00	30.56 1.90 0.00	33.45 2.20 -1.16	44.02 2.50 -10.31	41.12 2.88 0.00	42.96 2.86 0.00	42.60 3.01 0.00	46.26 3.37 0.00	46.70 3.50 0.00	53.62 4.03 0.00	61.32 4.40 0.00	56.82 4.12 -0.01	96.85 7.05 0.00	416.58 27.56 0.00	228.63 14.10 0.00	63.69 3.07 -14.68	54.63 2.92 -7.04	53.89 3.18 -1.72	44.56 3.01 0.00	39.54 2.52 -1.77
BETHLEHEM___GRP 23843	27.44 0.17 0.00	34.08 0.19 -0.07	27.75 0.26 0.00	28.48 0.27 0.00	27.79 0.31 0.00	28.95 0.30 0.00	30.70 0.42 -0.19	33.30 0.40 -1.69	38.50 0.26 0.00	40.36 0.25 0.00	39.84 0.25 0.00	43.34 0.45 0.00	43.63 0.43 0.00	49.98 0.39 0.00	57.32 0.40 0.00	53.05 0.36 0.00	90.60 0.80 0.00	393.61 4.60 0.00	217.43 2.90 0.00	82.23 0.79 -35.50	87.23 0.75 -41.79	59.97 0.78 -10.21	42.17 0.62 0.00	36.05 0.52 -0.28
BETHLEHEM___GS1 323560	27.44 0.17 0.00	34.08 0.19 -0.07	27.75 0.26 0.00	28.48 0.27 0.00	27.80 0.31 0.00	28.95 0.30 0.00	30.70 0.42 -0.19	33.30 0.40 -1.69	38.50 0.27 0.00	40.37 0.26 0.00	39.84 0.25 0.00	43.35 0.46 0.00	43.64 0.44 0.00	49.98 0.39 0.00	57.33 0.41 0.00	53.05 0.36 0.00	90.61 0.82 0.00	393.67 4.65 0.00	217.42 2.89 0.00	82.23 0.79 -35.50	87.23 0.76 -41.79	59.97 0.77 -10.21	42.17 0.62 0.00	36.05 0.52 -0.28
BETHLEHEM___GS2 323561	27.44 0.17 0.00	34.08 0.19 -0.07	27.75 0.26 0.00	28.48 0.27 0.00	27.80 0.31 0.00	28.95 0.30 0.00	30.70 0.42 -0.19	33.30 0.40 -1.69	38.50 0.27 0.00	40.37 0.26 0.00	39.84 0.25 0.00	43.35 0.46 0.00	43.64 0.44 0.00	49.98 0.39 0.00	57.33 0.41 0.00	53.05 0.36 0.00	90.61 0.82 0.00	393.67 4.65 0.00	217.42 2.89 0.00	82.23 0.79 -35.50	87.23 0.76 -41.79	59.97 0.77 -10.21	42.17 0.62 0.00	36.05 0.52 -0.28
BETHLEHEM___GS3 323562	27.44 0.17 0.00	34.08 0.19 -0.07	27.75 0.26 0.00	28.48 0.27 0.00	27.80 0.31 0.00	28.95 0.30 0.00	30.70 0.42 -0.19	33.30 0.40 -1.69	38.50 0.27 0.00	40.37 0.26 0.00	39.84 0.25 0.00	43.35 0.46 0.00	43.64 0.44 0.00	49.98 0.39 0.00	57.33 0.41 0.00	53.05 0.36 0.00	90.61 0.82 0.00	393.67 4.65 0.00	217.42 2.89 0.00	82.23 0.79 -35.50	87.23 0.76 -41.79	59.97 0.77 -10.21	42.17 0.62 0.00	36.05 0.52 -0.28
BETHLEHEM___STEEL 23779	28.56 1.30 0.00	34.98 1.16 0.00	28.16 0.67 0.00	28.81 0.60 0.00	28.03 0.54 0.00	28.81 0.16 0.00	29.84 -0.24 0.00	30.64 -0.57 0.00	38.53 0.29 0.00	40.89 0.79 0.00	41.09 1.49 0.00	45.11 2.22 0.00	45.77 2.57 0.00	52.97 3.38 0.00	60.75 3.83 0.00	56.46 3.76 0.00	96.62 6.83 0.00	414.69 25.67 0.00	227.56 13.04 0.00	48.84 2.90 0.00	47.05 2.38 0.00	51.62 2.63 0.00	44.29 2.73 0.00	37.83 2.58 0.00
BETHLHEM_115KV_TB1 79974	27.51 0.24 0.00	34.16 0.28 -0.07	27.81 0.32 0.00	28.55 0.34 0.00	27.86 0.38 0.00	29.02 0.37 0.00	30.76 0.49 -0.19	33.37 0.47 -1.68	38.60 0.37 0.00	40.47 0.36 0.00	39.94 0.35 0.00	43.44 0.55 0.00	43.74 0.54 0.00	50.08 0.50 0.00	57.45 0.53 0.00	53.20 0.50 0.00	90.82 1.03 0.00	394.34 5.32 0.00	217.82 3.29 0.00	80.64 0.87 -33.83	85.35 0.84 -39.83	59.59 0.86 -9.73	42.26 0.71 0.00	36.12 0.60 -0.28
BETHPAGE_CC_5 323564	28.73 1.46 0.00	36.09 1.82 -0.45	29.01 1.52 0.00	29.75 1.54 0.00	29.09 1.60 0.00	30.50 1.85 0.00	37.33 2.17 -5.08	43.84 2.23 -10.40	40.45 2.21 0.00	42.06 1.96 0.00	41.60 2.01 0.00	45.27 2.37 0.00	45.69 2.49 0.00	52.54 2.96 0.00	48.68 2.86 11.09	55.27 2.73 0.16	75.44 4.81 19.16	333.03 18.88 74.87	222.04 9.59 2.07	51.16 2.08 -3.14	53.71 2.00 -7.03	52.88 2.17 -1.72	43.90 2.35 0.00	38.86 1.89 -1.73
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	28.63 1.36 0.00	35.06 1.24 0.00	28.21 0.73 0.00	28.87 0.66 0.00	28.09 0.60 0.00	28.88 0.23 0.00	29.92 -0.16 0.00	30.75 -0.46 0.00	38.67 0.44 0.00	41.06 0.95 0.00	41.25 1.66 0.00	45.32 2.42 0.00	45.97 2.77 0.00	53.18 3.59 0.00	61.02 4.10 0.00	56.71 4.02 0.00	97.04 7.25 0.00	416.59 27.58 0.00	228.50 13.97 0.00	49.01 3.07 0.00	47.22 2.55 0.00	51.81 2.82 0.00	44.43 2.88 0.00	37.93 2.68 0.00

BINGHAMTON___COGEN 23790	27.69 0.43 0.00	34.24 0.43 0.00	27.80 0.31 0.00	28.58 0.37 0.00	27.84 0.36 0.00	29.01 0.36 0.00	30.47 0.39 0.00	31.59 0.37 0.00	39.14 0.73 -0.18	41.18 0.80 -0.27	40.53 0.91 -0.03	44.38 1.27 -0.21	44.72 1.28 -0.24	51.93 1.65 -0.70	60.02 1.89 -1.21	55.32 1.70 -0.92	94.75 3.32 -1.64	404.44 12.52 -2.91	223.62 6.24 -2.85	50.26 1.39 -2.93	49.20 1.24 -3.28	51.94 1.44 -1.50	42.97 1.28 -0.14	36.35 1.10 0.00
BIXINCNT_115KV_LOAD 355685	28.70 1.43 0.00	35.15 1.33 0.00	28.28 0.79 0.00	28.94 0.73 0.00	28.21 0.72 0.00	29.05 0.40 0.00	30.16 0.07 0.00	31.21 -0.01 0.00	39.27 1.04 0.00	41.59 1.48 0.00	41.52 1.93 0.00	45.50 2.60 0.00	45.71 2.52 0.00	52.75 3.16 0.00	60.76 3.84 0.00	56.33 3.63 0.00	96.27 6.48 0.00	415.60 26.58 0.00	228.46 13.93 0.00	48.90 2.96 0.00	47.11 2.43 0.00	51.99 3.00 0.00	44.62 3.07 0.00	38.10 2.86 0.00
BLACK RIVER___HYD 24047	28.00 0.73 0.00	34.45 0.64 0.00	27.98 0.49 0.00	28.72 0.51 0.00	27.98 0.50 0.00	29.24 0.59 0.00	30.61 0.52 0.00	31.64 0.42 0.00	39.34 0.71 -0.40	41.43 0.73 -0.60	40.27 0.60 -0.07	44.02 0.65 -0.47	44.44 0.71 -0.53	52.02 0.90 -1.53	60.77 1.18 -2.67	56.05 1.33 -2.03	96.01 2.62 -3.60	411.79 16.37 -6.41	229.77 8.97 -6.28	49.93 1.82 -2.17	47.63 2.22 -0.73	53.33 2.63 -1.71	43.62 1.76 -0.31	36.26 1.01 0.00
BLACKRVR_115KV_TB2 79977	28.00 0.73 0.00	34.45 0.64 0.00	27.98 0.49 0.00	28.72 0.51 0.00	27.98 0.50 0.00	29.24 0.59 0.00	30.61 0.52 0.00	31.63 0.42 0.00	39.34 0.71 -0.40	41.43 0.73 -0.60	40.27 0.61 -0.07	44.02 0.65 -0.47	44.44 0.72 -0.53	52.02 0.90 -1.53	60.77 1.18 -2.67	56.05 1.33 -2.03	96.01 2.62 -3.60	411.78 16.36 -6.41	229.77 8.97 -6.28	49.93 1.82 -2.17	47.63 2.22 -0.73	53.33 2.63 -1.71	43.62 1.76 -0.31	36.26 1.01 0.00
BLISS_WT_PWR 323608	28.69 1.43 0.00	35.13 1.32 0.00	28.28 0.79 0.00	28.93 0.71 0.00	28.20 0.71 0.00	29.03 0.37 0.00	30.14 0.06 0.00	31.20 -0.02 0.00	39.27 1.03 0.00	41.58 1.47 0.00	41.51 1.92 0.00	45.47 2.57 0.00	45.70 2.50 0.00	52.72 3.13 0.00	60.73 3.82 0.00	56.31 3.61 0.00	96.13 6.33 0.00	415.35 26.34 0.00	228.45 13.92 0.00	48.87 2.93 0.00	47.08 2.40 0.00	51.97 2.98 0.00	44.61 3.06 0.00	38.08 2.83 0.00
BLUESTONE___WT_PWR 323821	27.72 0.46 0.00	34.36 0.55 0.00	28.43 0.94 0.00	29.32 1.10 0.00	28.63 1.15 0.00	30.00 1.35 0.00	31.60 1.52 0.00	32.75 1.53 0.00	40.51 2.12 -0.16	42.91 2.57 -0.23	42.24 2.62 -0.03	46.04 2.96 -0.19	45.70 2.29 -0.21	52.88 2.70 -0.60	60.90 2.93 -1.04	55.84 2.35 -0.79	96.19 4.99 -1.41	416.85 25.33 -2.51	229.41 12.43 -2.45	53.67 2.57 -5.15	52.79 2.19 -5.92	53.27 2.22 -2.05	43.50 1.83 -0.12	36.33 1.08 0.00
BLUE_CIRC_CHEM_DRP 24182	27.84 0.58 0.00	34.60 0.72 -0.07	28.16 0.67 0.00	28.94 0.73 0.00	28.23 0.74 0.00	29.39 0.74 0.00	31.10 0.85 -0.17	33.52 0.78 -1.52	38.99 0.75 0.00	40.80 0.70 0.00	40.13 0.54 0.00	43.57 0.68 0.00	43.81 0.61 0.00	50.16 0.57 0.00	57.52 0.60 0.00	53.24 0.54 0.00	91.13 1.34 0.00	395.94 6.92 0.00	219.36 4.84 0.00	73.81 1.36 -26.51	77.24 1.36 -31.21	58.09 1.48 -7.62	42.78 1.23 0.00	36.54 1.04 -0.25
BOC_GAS_DRP 24189	27.64 0.37 0.00	34.34 0.45 -0.07	27.93 0.44 0.00	28.69 0.47 0.00	27.99 0.51 0.00	29.15 0.50 0.00	30.88 0.61 -0.18	33.45 0.60 -1.63	38.79 0.56 0.00	40.65 0.54 0.00	40.13 0.54 0.00	43.62 0.72 0.00	43.90 0.70 0.00	50.27 0.68 0.00	57.65 0.73 0.00	53.38 0.69 0.00	91.05 1.26 0.00	394.97 5.96 0.00	217.93 3.40 0.00	71.39 0.90 -24.55	74.45 0.87 -28.90	57.00 0.94 -7.06	42.38 0.83 0.00	36.22 0.70 -0.27
BOONVILLE_115KV_TB1 79983	28.04 0.78 0.00	34.68 0.87 0.00	28.17 0.68 0.00	28.89 0.68 0.00	28.17 0.68 0.00	29.40 0.75 0.00	30.87 0.79 0.00	31.98 0.76 0.00	39.35 1.01 -0.11	41.32 1.05 -0.17	40.69 1.07 -0.02	44.29 1.26 -0.13	44.68 1.33 -0.15	51.64 1.62 -0.43	59.74 2.07 -0.75	55.15 1.88 -0.57	94.32 3.52 -1.01	408.69 17.88 -1.80	226.01 9.72 -1.76	48.89 2.01 -0.94	46.97 2.09 -0.21	51.81 2.34 -0.48	43.34 1.70 -0.09	36.41 1.16 0.00
BORALEX_4TH_BRANCH 23824	28.45 1.18 0.00	35.56 1.66 -0.09	29.01 1.52 0.00	29.77 1.56 0.00	29.06 1.57 0.00	30.24 1.59 0.00	32.14 1.83 -0.22	34.97 1.78 -1.98	39.97 1.73 0.00	41.91 1.81 0.00	41.25 1.65 0.00	44.96 2.07 0.00	45.20 2.00 0.00	51.57 1.98 0.00	59.09 2.17 0.00	54.34 1.64 0.00	92.70 2.91 0.00	406.51 17.50 0.00	224.93 10.41 0.00	96.06 2.67 -47.45	103.23 2.69 -55.86	65.50 2.86 -13.64	43.88 2.33 0.00	37.54 1.96 -0.33
BOWLINE___1 23526	28.24 0.98 0.00	34.17 1.06 0.70	28.43 0.94 0.00	29.21 1.00 0.00	28.56 1.08 0.00	29.84 1.19 0.00	29.55 1.29 1.82	16.38 1.42 16.25	39.69 1.46 0.00	41.50 1.39 0.00	41.10 1.50 0.00	44.65 1.76 0.00	45.00 1.80 0.00	51.72 2.13 0.00	59.35 2.43 0.00	55.06 2.36 0.00	94.05 4.25 0.00	405.55 16.54 0.00	222.63 8.10 0.00	53.41 1.75 -5.73	53.02 1.61 -6.74	52.36 1.72 -1.65	43.16 1.61 0.00	33.89 1.35 2.70
BOWLINE___2 23595	28.26 1.00 0.00	34.14 1.04 0.70	28.41 0.92 0.00	29.20 0.98 0.00	28.56 1.07 0.00	29.83 1.18 0.00	29.56 1.30 1.82	16.39 1.44 16.27	39.71 1.47 0.00	41.50 1.40 0.00	41.11 1.52 0.00	44.65 1.76 0.00	45.01 1.81 0.00	51.72 2.13 0.00	59.35 2.43 0.00	55.07 2.37 0.00	94.06 4.27 0.00	405.55 16.54 0.00	222.71 8.18 0.00	53.42 1.75 -5.73	53.03 1.61 -6.74	52.37 1.73 -1.65	43.17 1.62 0.00	33.90 1.35 2.70
BRADY___115KV_TB2 356060	27.34 0.07 0.00	33.89 0.08 0.00	27.49 0.00 0.00	28.16 -0.05 0.00	27.33 -0.15 0.00	28.61 -0.04 0.00	29.98 -0.10 0.00	31.25 0.04 0.00	38.26 0.03 0.00	40.10 -0.01 0.00	39.13 -0.47 0.00	42.09 -0.81 0.00	42.24 -0.96 0.00	48.57 -1.02 0.00	55.75 -1.16 0.00	51.59 -1.11 0.00	87.56 -2.23 0.00	381.36 -7.65 0.00	212.26 -2.27 0.00	47.15 -0.94 -2.15	43.93 -0.75 0.00	48.60 -0.39 0.00	40.98 -0.57 0.00	34.78 -0.47 0.00
BRANSCOMB___SOLAR 323811	28.72 1.45 0.00	35.71 1.83 -0.07	29.01 1.52 0.00	29.77 1.55 0.00	29.06 1.58 0.00	30.30 1.64 0.00	32.23 1.96 -0.19	34.85 1.96 -1.67	40.25 2.02 0.00	42.18 2.08 0.00	41.51 1.92 0.00	45.25 2.35 0.00	45.60 2.40 0.00	52.19 2.60 0.00	60.05 3.13 0.00	55.73 3.03 0.00	95.07 5.28 0.00	415.90 26.89 0.00	230.35 15.82 0.00	111.82 3.69 -62.19	121.51 3.61 -73.22	70.78 3.90 -17.88	44.68 3.12 0.00	38.07 2.54 -0.28
BRENTWOD_69_KV_W. BRTWOOD 56703	28.89 1.63 0.00	36.36 2.10 -0.45	29.23 1.74 0.00	29.99 1.78 0.00	29.34 1.85 0.00	30.76 2.11 0.00	37.61 2.45 -5.08	44.10 2.49 -10.40	40.65 2.42 0.00	42.25 2.15 0.00	41.85 2.26 0.00	45.55 2.65 0.00	45.81 2.61 0.00	52.72 3.13 0.00	52.81 2.47 6.57	55.05 2.43 0.07	72.42 4.55 21.93	326.53 17.08 79.56	222.47 8.84 0.90	50.64 1.97 -2.73	53.90 2.19 -7.03	53.05 2.34 -1.72	44.14 2.58 -0.01	38.97 2.00 -1.73



BRISTLHL_115KV_TB1 79998	27.11 -0.16 0.00	33.64 -0.17 0.00	27.27 -0.22 0.00	27.98 -0.24 0.00	27.27 -0.22 0.00	28.38 -0.27 0.00	29.75 -0.34 0.00	30.75 -0.47 0.00	38.64 -0.47 -0.88	40.95 -0.47 -1.31	39.48 -0.27 -0.15	43.77 -0.17 -1.04	44.25 -0.12 -1.17	52.92 -0.04 -3.37	62.87 0.09 -5.86	57.29 0.14 -4.45	98.25 0.55 -7.91	405.65 2.56 -14.08	229.21 0.89 -13.79	48.14 0.19 -2.01	46.43 0.14 -1.62	52.86 0.12 -3.75	42.36 0.12 -0.68	35.32 0.08 0.00
BROOKHAVEN___DRP 24191	28.38 1.11 0.00	35.75 1.49 -0.45	28.73 1.24 0.00	29.49 1.28 0.00	28.83 1.35 0.00	30.32 1.67 0.00	37.18 2.01 -5.08	43.59 1.98 -10.40	40.08 1.85 0.00	41.72 1.62 0.00	41.35 1.76 0.00	45.00 2.11 0.00	45.35 2.16 0.00	52.33 2.75 0.00	53.29 2.38 6.02	54.93 2.30 0.06	71.86 4.30 22.23	324.18 15.20 80.02	221.06 7.28 0.75	50.34 1.71 -2.69	53.44 1.73 -7.03	52.46 1.75 -1.72	43.40 1.85 0.00	38.36 1.39 -1.73
BROOKLYN_NAVY_YARD 23515	28.68 1.42 0.00	35.81 1.55 -0.45	28.77 1.29 0.00	29.52 1.31 0.00	28.86 1.37 0.00	30.19 1.54 0.00	33.01 1.77 -1.16	43.58 2.06 -10.30	40.53 2.30 0.00	42.34 2.24 0.00	41.97 2.37 0.00	45.55 2.66 0.00	45.92 2.72 0.00	52.70 3.11 0.00	60.33 3.41 0.00	55.90 3.20 0.00	95.39 5.60 0.00	411.01 21.99 0.00	225.23 10.70 0.00	54.23 2.31 -5.98	53.87 2.16 -7.04	53.03 2.32 -1.72	43.77 2.22 0.00	38.88 1.92 -1.71
BROOKLYN___ARMY_DRP 323595	29.93 1.59 -1.07	36.01 1.75 -0.45	28.92 1.43 0.00	29.68 1.47 0.00	29.01 1.52 0.00	30.36 1.71 0.00	33.23 1.99 -1.16	43.79 2.27 -10.31	40.82 2.58 0.00	42.63 2.52 0.00	42.25 2.65 0.00	45.86 2.97 0.00	46.29 3.10 0.00	53.13 3.55 0.00	60.75 3.83 0.00	56.28 3.58 -0.01	95.95 6.15 0.00	412.62 23.61 0.00	226.52 11.99 0.00	63.25 2.62 -14.68	54.19 2.48 -7.04	53.44 2.73 -1.72	44.18 2.63 0.00	39.23 2.21 -1.77
BROOKVLE_69_KV_TB1 55790	29.05 1.78 0.00	36.40 2.14 -0.45	29.24 1.75 0.00	29.98 1.77 0.00	29.33 1.84 0.00	30.72 2.07 0.00	37.57 2.40 -5.08	44.16 2.55 -10.40	40.95 2.71 0.00	42.68 2.57 0.00	42.37 2.78 0.00	46.05 3.16 0.00	46.52 3.32 0.00	53.55 3.96 0.00	49.68 4.17 11.41	56.49 3.97 0.18	85.41 6.72 11.10	367.24 26.56 48.33	225.64 13.50 2.39	53.17 2.90 -4.33	54.43 2.72 -7.03	53.64 2.93 -1.72	44.56 3.01 0.00	39.39 2.42 -1.73
BROOME_2_LFGE 323671	27.69 0.43 0.00	34.24 0.43 0.00	27.80 0.31 0.00	28.58 0.37 0.00	27.84 0.36 0.00	29.01 0.36 0.00	30.47 0.39 0.00	31.59 0.37 0.00	39.15 0.73 -0.18	41.18 0.80 -0.27	40.53 0.91 -0.03	44.37 1.27 -0.21	44.72 1.28 -0.24	51.93 1.65 -0.70	60.02 1.88 -1.21	55.32 1.70 -0.92	94.72 3.28 -1.64	404.43 12.51 -2.91	223.60 6.22 -2.85	50.26 1.39 -2.93	49.20 1.24 -3.28	51.93 1.44 -1.50	42.97 1.28 -0.14	36.35 1.10 0.00
BROOME___LFGE 323600	27.69 0.43 0.00	34.24 0.43 0.00	27.80 0.31 0.00	28.58 0.37 0.00	27.84 0.36 0.00	29.01 0.36 0.00	30.47 0.39 0.00	31.59 0.37 0.00	39.15 0.73 -0.18	41.18 0.80 -0.27	40.53 0.91 -0.03	44.37 1.27 -0.21	44.72 1.28 -0.24	51.93 1.65 -0.70	60.02 1.88 -1.21	55.32 1.70 -0.92	94.72 3.28 -1.64	404.43 12.51 -2.91	223.60 6.22 -2.85	50.26 1.39 -2.93	49.20 1.24 -3.28	51.93 1.44 -1.50	42.97 1.28 -0.14	36.35 1.10 0.00
BROWNFLS_115KV_TB 3_5 80003	27.22 -0.05 0.00	33.63 -0.18 0.00	27.30 -0.19 0.00	27.99 -0.22 0.00	27.23 -0.25 0.00	28.46 -0.19 0.00	29.79 -0.30 0.00	30.99 -0.22 0.00	38.21 -0.19 -0.16	40.13 -0.22 -0.24	39.16 -0.46 -0.03	42.45 -0.63 -0.19	42.77 -0.65 -0.22	49.62 -0.59 -0.62	57.47 -0.53 -1.08	53.17 -0.35 -0.82	90.72 -0.54 -1.46	393.08 1.47 -2.60	218.02 0.94 -2.55	49.54 -0.01 -3.61	45.30 0.32 -0.30	50.44 0.75 -0.69	41.83 0.15 -0.13	35.13 -0.12 0.00
BROWNSV1_27_KV_LOAD 356125	29.05 1.79 0.00	36.26 2.00 -0.45	29.13 1.64 0.00	29.87 1.66 0.00	29.21 1.73 0.00	30.55 1.90 0.00	33.43 2.19 -1.16	43.99 2.47 -10.30	41.06 2.82 0.00	42.91 2.80 0.00	42.54 2.95 0.00	46.21 3.32 0.00	46.60 3.41 0.00	53.49 3.90 0.00	61.27 4.35 0.00	56.80 4.10 0.00	96.91 7.11 0.00	417.53 28.52 0.00	228.89 14.36 0.00	55.03 3.11 -5.98	54.65 2.94 -7.04	53.88 3.17 -1.72	44.48 2.93 0.00	39.46 2.50 -1.71
BURROWS___LYONSDAL 23803	27.99 0.73 0.00	34.59 0.78 0.00	28.10 0.61 0.00	28.83 0.61 0.00	28.09 0.60 0.00	29.32 0.67 0.00	30.78 0.69 0.00	31.88 0.67 0.00	39.28 0.90 -0.14	41.24 0.93 -0.20	40.54 0.92 -0.02	44.11 1.06 -0.16	44.49 1.12 -0.18	51.49 1.37 -0.52	59.59 1.76 -0.91	55.05 1.66 -0.69	94.10 3.08 -1.23	407.58 16.37 -2.19	225.56 8.89 -2.14	48.98 1.82 -1.22	46.92 2.00 -0.25	51.87 2.29 -0.59	43.27 1.61 -0.11	36.28 1.04 0.00
CAITHNESS_CC_1 323624	28.39 1.13 0.00	35.76 1.50 -0.45	28.75 1.27 0.00	29.51 1.30 0.00	28.86 1.37 0.00	30.32 1.67 0.00	37.17 2.00 -5.08	43.59 1.98 -10.40	40.08 1.84 0.00	41.69 1.58 0.00	41.31 1.72 0.00	44.96 2.07 0.00	45.31 2.11 0.00	52.25 2.66 0.00	53.19 2.27 6.00	54.83 2.19 0.06	71.68 4.12 22.24	323.42 14.44 80.04	220.61 6.83 0.75	50.26 1.63 -2.69	53.36 1.65 -7.03	52.39 1.68 -1.72	43.36 1.81 0.00	38.34 1.36 -1.73
CALPINE BETH_PAGE_GT4 24209	28.73 1.46 0.00	36.07 1.81 -0.45	28.99 1.50 0.00	29.73 1.52 0.00	29.08 1.59 0.00	30.48 1.83 0.00	37.31 2.15 -5.08	43.84 2.23 -10.40	40.45 2.22 0.00	42.08 1.97 0.00	41.58 1.99 0.00	45.26 2.36 0.00	45.67 2.47 0.00	52.53 2.94 0.00	46.74 2.86 13.04	55.23 2.74 0.20	76.81 4.78 17.76	335.74 18.87 72.14	221.54 9.59 2.58	51.37 2.09 -3.35	53.71 2.00 -7.03	52.87 2.16 -1.72	43.95 2.39 0.00	38.89 1.92 -1.73
CALPINE_BETH_PAGE_GT_4 323586	28.73 1.46 0.00	36.07 1.81 -0.45	28.99 1.50 0.00	29.73 1.52 0.00	29.08 1.59 0.00	30.48 1.83 0.00	37.31 2.15 -5.08	43.84 2.22 -10.40	40.45 2.22 0.00	42.08 1.98 0.00	41.58 1.99 0.00	45.27 2.37 0.00	45.68 2.48 0.00	52.53 2.95 0.00	46.73 2.86 13.04	55.23 2.73 0.20	76.80 4.77 17.76	335.74 18.87 72.14	221.53 9.59 2.58	51.36 2.08 -3.35	53.71 2.00 -7.03	52.87 2.16 -1.72	43.95 2.39 0.00	38.88 1.91 -1.73
CALPINE_BP_GT1 23823	28.73 1.46 0.00	36.07 1.81 -0.45	28.99 1.50 0.00	29.73 1.52 0.00	29.08 1.59 0.00	30.48 1.83 0.00	37.31 2.15 -5.08	43.84 2.22 -10.40	40.45 2.22 0.00	42.08 1.98 0.00	41.58 1.99 0.00	45.27 2.37 0.00	45.68 2.48 0.00	52.53 2.95 0.00	46.73 2.86 13.04	55.23 2.73 0.20	76.80 4.77 17.76	335.74 18.87 72.14	221.53 9.59 2.58	51.36 2.08 -3.35	53.71 2.00 -7.03	52.87 2.16 -1.72	43.95 2.39 0.00	38.88 1.91 -1.73
CALSPAN___DRP 24200	28.56 1.30 0.00	34.98 1.16 0.00	28.16 0.67 0.00	28.81 0.60 0.00	28.03 0.54 0.00	28.81 0.16 0.00	29.84 -0.24 0.00	30.64 -0.57 0.00	38.53 0.29 0.00	40.89 0.79 0.00	41.09 1.49 0.00	45.11 2.22 0.00	45.77 2.57 0.00	52.97 3.38 0.00	60.75 3.83 0.00	56.46 3.76 0.00	96.62 6.83 0.00	414.69 25.67 0.00	227.56 13.04 0.00	48.84 2.90 0.00	47.05 2.38 0.00	51.62 2.63 0.00	44.29 2.73 0.00	37.83 2.58 0.00

CALVERTON___SOLAR 323806	28.38 1.11 0.00	35.76 1.49 -0.45	28.73 1.24 0.00	29.48 1.27 0.00	28.83 1.34 0.00	30.33 1.68 0.00	37.20 2.03 -5.08	43.62 2.01 -10.40	40.15 1.92 0.00	41.80 1.70 0.00	41.43 1.84 0.00	45.11 2.22 0.00	45.46 2.27 0.00	52.49 2.91 0.00	53.50 2.60 6.02	55.13 2.50 0.06	72.19 4.63 22.23	325.48 16.48 80.02	221.70 7.92 0.75	50.47 1.84 -2.69	53.57 1.86 -7.03	52.58 1.87 -1.72	43.49 1.94 0.00	38.41 1.44 -1.73
CANDIGU_WT_PWR 323617	28.06 0.79 0.00	34.47 0.65 0.00	27.85 0.36 0.00	28.59 0.38 0.00	27.81 0.33 0.00	28.77 0.12 0.00	30.00 -0.08 0.00	31.08 -0.14 0.00	38.99 0.65 -0.10	41.03 0.78 -0.15	40.64 1.03 -0.02	44.53 1.52 -0.12	44.75 1.42 -0.13	51.90 1.93 -0.39	59.64 2.05 -0.67	54.84 1.63 -0.51	93.89 3.19 -0.91	403.90 13.27 -1.61	223.76 7.65 -1.58	47.49 1.32 -0.23	46.07 1.21 -0.19	51.14 1.71 -0.43	43.27 1.63 -0.08	36.71 1.46 0.00
CARR STREET_E_SYR 24060	27.28 0.02 0.00	33.82 0.01 0.00	27.46 -0.03 0.00	28.18 -0.04 0.00	27.46 -0.02 0.00	28.58 -0.07 0.00	29.95 -0.13 0.00	30.99 -0.23 0.00	38.37 -0.12 -0.26	40.48 -0.02 -0.39	39.81 0.17 -0.05	43.63 0.42 -0.31	44.12 0.57 -0.35	51.39 0.79 -1.01	59.64 0.96 -1.76	55.01 0.98 -1.34	93.95 1.81 -2.34	400.20 6.96 -4.23	222.00 3.33 -4.14	47.26 0.72 -0.60	45.82 0.67 -0.48	50.80 0.69 -1.12	42.34 0.58 -0.20	35.70 0.45 0.00
CARTHAGE___PAPER 23857	28.00 0.74 0.00	34.51 0.70 0.00	28.02 0.53 0.00	28.75 0.54 0.00	28.00 0.51 0.00	29.27 0.62 0.00	30.66 0.57 0.00	31.73 0.51 0.00	39.36 0.79 -0.34	41.37 0.77 -0.50	40.23 0.58 -0.06	43.88 0.59 -0.40	44.26 0.61 -0.45	51.69 0.81 -1.29	60.24 1.08 -2.25	55.69 1.29 -1.71	95.08 2.26 -3.03	408.27 13.87 -5.40	228.22 8.41 -5.28	49.83 1.65 -2.24	47.33 2.04 -0.62	52.90 2.46 -1.44	43.42 1.60 -0.26	36.15 0.90 0.00
CASSADAGA_WT_PWR 323784	29.27 2.01 0.00	35.68 1.86 0.00	28.56 1.07 0.00	29.29 1.08 0.00	28.47 0.98 0.00	29.27 0.62 0.00	30.48 0.40 0.00	31.69 0.48 0.00	40.02 1.78 0.00	42.43 2.33 0.00	42.27 2.68 0.00	46.17 3.27 0.00	46.88 3.68 0.00	54.63 5.05 0.00	62.64 5.72 0.00	58.15 5.45 0.00	100.50 10.70 0.00	429.82 40.81 0.00	234.45 19.92 0.00	50.74 4.80 0.00	48.92 4.24 0.00	53.77 4.78 0.00	45.80 4.25 0.00	38.84 3.60 0.00
CE_DUNWOOD___DRP 24194	28.51 1.24 0.00	35.66 1.37 -0.48	28.64 1.15 0.00	29.39 1.18 0.00	28.74 1.25 0.00	30.05 1.40 0.00	32.92 1.60 -1.23	44.01 1.80 -10.99	40.18 1.95 0.00	42.00 1.90 0.00	41.60 2.01 0.00	45.19 2.30 0.00	45.56 2.36 0.00	52.30 2.71 0.00	59.94 3.02 0.00	55.58 2.89 0.00	94.87 5.08 0.00	409.33 20.32 0.00	224.72 10.20 0.00	54.12 2.22 -5.96	53.76 2.07 -7.02	52.92 2.21 -1.71	43.62 2.06 0.00	38.81 1.74 -1.82
CE_MILLWOOD___DRP 24193	28.45 1.18 0.00	35.60 1.29 -0.50	28.58 1.09 0.00	29.34 1.13 0.00	28.68 1.20 0.00	29.98 1.33 0.00	32.89 1.52 -1.29	44.42 1.71 -11.50	40.06 1.83 0.00	41.89 1.78 0.00	41.49 1.90 0.00	45.06 2.17 0.00	45.42 2.22 0.00	52.15 2.57 0.00	59.79 2.87 0.00	55.46 2.76 0.00	94.66 4.87 0.00	408.47 19.46 0.00	224.30 9.77 0.00	54.00 2.12 -5.93	53.64 1.98 -6.98	52.81 2.12 -1.71	43.53 1.98 0.00	38.81 1.66 -1.91
CE_NYC2_DRP 24202	28.76 1.50 0.00	35.91 1.65 -0.45	28.86 1.37 0.00	29.61 1.40 0.00	28.94 1.46 0.00	30.29 1.64 0.00	33.16 1.92 -1.16	43.69 2.17 -10.31	40.66 2.42 0.00	42.47 2.36 0.00	42.09 2.50 0.00	45.66 2.77 0.00	46.05 2.85 0.00	52.79 3.20 0.00	60.35 3.43 0.00	55.91 3.22 0.00	95.33 5.54 0.00	410.67 21.66 0.00	225.28 10.75 0.00	54.27 2.36 -5.98	53.91 2.20 -7.04	53.12 2.41 -1.72	43.96 2.40 0.00	38.99 2.03 -1.71
CE_NYC_DRP 24195	28.71 1.45 0.00	35.85 1.59 -0.45	28.81 1.32 0.00	29.56 1.35 0.00	28.89 1.41 0.00	30.23 1.58 0.00	33.07 1.83 -1.16	43.61 2.09 -10.30	40.57 2.34 0.00	42.39 2.28 0.00	42.01 2.41 0.00	45.60 2.71 0.00	45.98 2.78 0.00	52.77 3.18 0.00	60.41 3.49 0.00	56.00 3.30 0.00	95.51 5.71 0.00	411.49 22.48 0.00	225.69 11.16 0.00	54.33 2.41 -5.98	54.00 2.29 -7.04	53.15 2.43 -1.72	43.88 2.33 0.00	38.97 2.02 -1.71
CHAFFEE___LFGE 323603	28.68 1.41 0.00	35.15 1.34 0.00	28.28 0.80 0.00	28.95 0.73 0.00	28.17 0.68 0.00	28.97 0.32 0.00	30.03 -0.06 0.00	30.86 -0.35 0.00	38.82 0.58 0.00	41.15 1.04 0.00	41.32 1.73 0.00	45.37 2.48 0.00	46.06 2.86 0.00	53.32 3.73 0.00	61.15 4.23 0.00	56.86 4.16 0.00	97.24 7.44 0.00	417.50 28.49 0.00	229.25 14.73 0.00	49.18 3.24 0.00	47.35 2.68 0.00	51.95 2.96 0.00	44.55 2.99 0.00	38.00 2.76 0.00
CHATEAUG_35_KV_LOAD 355732	27.67 0.40 0.00	34.32 0.50 0.00	27.84 0.35 0.00	28.41 0.20 0.00	27.56 0.07 0.00	28.78 0.13 0.00	30.37 0.28 0.00	31.72 0.51 0.00	38.93 0.70 0.00	40.93 0.83 0.00	40.04 0.45 0.00	43.18 0.29 0.00	43.43 0.23 0.00	49.74 0.15 0.00	56.86 -0.05 0.00	52.38 -0.32 0.00	88.54 -1.26 0.00	382.23 -6.78 0.00	211.21 -3.32 0.00	7.89 -2.42 35.63	43.65 -1.03 0.00	47.96 -1.03 0.00	39.72 -1.84 0.00	34.04 -1.21 0.00
CHATEAUG_WT_PWR 323614	28.57 1.30 0.00	35.41 1.60 0.00	28.71 1.22 0.00	29.15 0.94 0.00	28.31 0.82 0.00	29.51 0.86 0.00	31.36 1.28 0.00	32.56 1.35 0.00	39.99 1.75 0.00	42.12 2.02 0.00	41.26 1.66 0.00	44.62 1.73 0.00	44.86 1.66 0.00	51.20 1.61 0.00	58.26 1.34 0.00	53.55 0.85 0.00	90.19 0.40 0.00	388.26 -0.75 0.00	213.12 -1.41 0.00	8.30 -3.81 33.83	43.66 -1.02 0.00	48.03 -0.97 0.00	39.17 -2.38 0.00	33.75 -1.50 0.00
CHAT_HIGH_FALL_HYD 323578	27.67 0.40 0.00	34.32 0.50 0.00	27.84 0.35 0.00	28.41 0.20 0.00	27.56 0.07 0.00	28.78 0.13 0.00	30.37 0.28 0.00	31.72 0.51 0.00	38.93 0.70 0.00	40.93 0.83 0.00	40.04 0.45 0.00	43.18 0.29 0.00	43.43 0.23 0.00	49.74 0.15 0.00	56.86 -0.05 0.00	52.38 -0.32 0.00	88.54 -1.26 0.00	382.23 -6.78 0.00	211.21 -3.32 0.00	7.89 -2.42 35.63	43.65 -1.03 0.00	47.96 -1.03 0.00	39.72 -1.84 0.00	34.04 -1.21 0.00
CHAUTAUQUA___LFGE 323629	28.87 1.61 0.00	35.28 1.47 0.00	28.37 0.89 0.00	29.10 0.89 0.00	28.28 0.80 0.00	29.12 0.47 0.00	30.29 0.20 0.00	31.30 0.09 0.00	39.42 1.18 0.00	41.74 1.64 0.00	41.69 2.10 0.00	45.68 2.79 0.00	46.33 3.13 0.00	53.91 4.32 0.00	61.81 4.89 0.00	57.32 4.63 0.00	98.75 8.96 0.00	422.65 33.63 0.00	231.18 16.65 0.00	49.77 3.83 0.00	48.01 3.33 0.00	52.79 3.80 0.00	45.05 3.50 0.00	38.33 3.09 0.00
CHERRYST_13_KV_LD 356241	28.81 1.55 0.00	35.97 1.71 -0.45	28.91 1.42 0.00	29.66 1.44 0.00	29.00 1.51 0.00	30.34 1.68 0.00	33.20 1.96 -1.16	43.77 2.25 -10.30	40.78 2.54 0.00	42.62 2.51 0.00	42.23 2.64 0.00	45.86 2.97 0.00	46.25 3.05 0.00	53.08 3.50 0.00	60.77 3.85 0.00	56.35 3.65 0.00	96.10 6.30 0.00	413.87 24.85 0.00	226.84 12.31 0.00	54.57 2.65 -5.98	54.21 2.50 -7.04	53.36 2.65 -1.72	44.05 2.50 0.00	39.11 2.15 -1.71

CHESTROR_138KV_BK263 355645	28.22 0.96 0.00	34.41 1.03 0.43	28.37 0.88 0.00	29.13 0.92 0.00	28.45 0.97 0.00	29.73 1.08 0.00	30.18 1.22 1.12	22.57 1.36 10.00	39.68 1.45 0.00	41.51 1.41 0.00	41.09 1.50 0.00	44.62 1.73 0.00	44.97 1.77 0.00	51.67 2.08 0.00	59.33 2.41 0.00	55.07 2.38 0.00	94.06 4.26 0.00	406.09 17.07 0.00	223.28 8.75 0.00	53.25 1.90 -5.40	52.80 1.76 -6.36	52.43 1.89 -1.55	43.27 1.71 0.00	35.00 1.42 1.66
CH_MIDHUDSON___DRP 24192	28.43 1.17 0.00	35.19 1.30 -0.08	28.58 1.09 0.00	29.33 1.12 0.00	28.66 1.18 0.00	29.95 1.30 0.00	31.79 1.50 -0.20	34.68 1.70 -1.77	40.10 1.87 0.00	41.97 1.87 0.00	41.54 1.95 0.00	45.14 2.25 0.00	45.50 2.30 0.00	52.23 2.65 0.00	59.94 3.03 0.00	55.63 2.94 0.00	95.01 5.22 0.00	410.98 21.97 0.00	226.05 11.53 0.00	54.86 2.49 -6.43	54.54 2.29 -7.57	53.28 2.43 -1.85	43.71 2.16 0.00	37.31 1.77 -0.29
CH_MISC_IPPS 23765	28.65 1.39 0.00	35.36 1.54 0.00	28.76 1.27 0.00	29.52 1.31 0.00	28.85 1.37 0.00	30.15 1.50 0.00	31.80 1.71 0.00	33.14 1.93 0.00	40.40 2.17 0.00	42.30 2.20 0.00	41.86 2.27 0.00	45.49 2.60 0.00	45.87 2.67 0.00	52.73 3.14 0.00	60.56 3.64 0.00	56.23 3.54 0.00	96.10 6.30 0.00	415.48 26.46 0.00	228.38 13.85 0.00	55.17 2.97 -6.26	54.78 2.74 -7.36	53.68 2.89 -1.80	44.08 2.53 0.00	37.32 2.08 0.00
CH_RES_BVR_FALLS 23983	27.02 -0.25 0.00	33.51 -0.30 0.00	27.22 -0.27 0.00	27.91 -0.31 0.00	27.13 -0.36 0.00	28.29 -0.36 0.00	29.68 -0.40 0.00	30.89 -0.33 0.00	37.99 -0.25 0.00	39.91 -0.19 0.00	39.18 -0.42 0.00	42.31 -0.59 0.00	42.55 -0.64 0.00	48.78 -0.81 0.00	55.98 -0.94 0.00	51.73 -0.97 0.00	87.83 -1.97 0.00	379.77 -9.25 0.00	210.51 -4.01 0.00	44.87 -1.07 0.00	43.84 -0.84 0.00	48.00 -1.00 0.00	40.52 -1.04 0.00	34.18 -1.06 0.00
CH_RES_NIAGARA 23895	27.74 0.48 0.00	34.00 0.19 0.00	27.37 -0.12 0.00	27.99 -0.22 0.00	27.25 -0.23 0.00	27.92 -0.73 0.00	28.81 -1.28 0.00	29.40 -1.82 0.00	36.92 -1.31 0.00	39.25 -0.86 0.00	39.52 -0.07 0.00	43.36 0.47 0.00	43.93 0.73 0.00	50.71 1.13 0.00	58.01 1.09 0.00	53.94 1.25 0.00	92.13 2.33 0.00	395.05 6.04 0.00	217.34 2.81 0.00	46.76 0.81 0.00	45.02 0.34 0.00	49.30 0.31 0.00	42.56 1.01 0.00	36.66 1.41 0.00
CH_RES_SYRACUSE 23985	27.42 0.16 0.00	34.01 0.19 0.00	27.61 0.12 0.00	28.35 0.13 0.00	27.61 0.12 0.00	28.73 0.09 0.00	30.12 0.04 0.00	31.17 -0.05 0.00	38.82 0.10 -0.48	41.04 0.21 -0.73	40.06 0.38 -0.08	44.13 0.66 -0.58	44.62 0.77 -0.65	52.51 1.06 -1.86	61.44 1.28 -3.24	56.46 1.30 -2.46	96.66 2.44 -4.43	406.10 9.30 -7.79	226.59 4.44 -7.62	48.07 1.02 -1.11	46.54 0.97 -0.89	52.06 1.00 -2.07	42.76 0.83 -0.37	35.89 0.64 0.00
CLINTON_WT_PWR 323605	28.57 1.30 0.00	35.41 1.60 0.00	28.71 1.22 0.00	29.15 0.94 0.00	28.31 0.82 0.00	29.51 0.86 0.00	31.36 1.28 0.00	32.56 1.35 0.00	39.99 1.75 0.00	42.12 2.02 0.00	41.26 1.66 0.00	44.62 1.73 0.00	44.86 1.66 0.00	51.20 1.61 0.00	58.26 1.34 0.00	53.55 0.85 0.00	90.19 0.40 0.00	388.26 -0.75 0.00	213.12 -1.41 0.00	8.30 -3.81 33.83	43.66 -1.02 0.00	48.03 -0.97 0.00	39.17 -2.38 0.00	33.75 -1.50 0.00
CLINTON___LFGE 323618	28.66 1.39 0.00	35.63 1.82 0.00	28.84 1.35 0.00	29.29 1.08 0.00	28.44 0.95 0.00	29.65 1.00 0.00	31.49 1.41 0.00	32.78 1.57 0.00	40.19 1.96 0.00	42.33 2.22 0.00	41.45 1.86 0.00	44.85 1.95 0.00	45.12 1.92 0.00	51.51 1.93 0.00	58.60 1.68 0.00	53.77 1.07 0.00	90.64 0.85 0.00	390.12 1.11 0.00	214.20 -0.33 0.00	8.95 -2.87 34.12	43.97 -0.71 0.00	48.46 -0.54 0.00	39.88 -1.68 0.00	34.04 -1.20 0.00
COBBLENY_34_KV_TB1 80064	28.68 1.41 0.00	35.15 1.34 0.00	28.28 0.79 0.00	28.95 0.73 0.00	28.17 0.68 0.00	28.97 0.32 0.00	30.03 -0.06 0.00	30.86 -0.36 0.00	38.81 0.57 0.00	41.16 1.05 0.00	41.33 1.74 0.00	45.40 2.51 0.00	46.05 2.86 0.00	53.32 3.73 0.00	61.14 4.22 0.00	56.85 4.16 0.00	97.31 7.52 0.00	417.69 28.67 0.00	229.24 14.71 0.00	49.17 3.23 0.00	47.36 2.68 0.00	51.94 2.95 0.00	44.54 2.99 0.00	38.01 2.76 0.00
COFFEEN___115KV_TB3 355620	28.20 0.94 0.00	34.68 0.87 0.00	28.16 0.67 0.00	28.89 0.68 0.00	28.15 0.67 0.00	29.42 0.77 0.00	30.82 0.73 0.00	31.83 0.62 0.00	39.59 0.94 -0.41	41.67 0.95 -0.61	40.49 0.83 -0.07	44.29 0.91 -0.49	44.71 0.97 -0.55	52.40 1.24 -1.58	61.24 1.57 -2.74	56.47 1.69 -2.08	96.82 3.32 -3.70	415.90 20.30 -6.59	232.68 11.70 -6.45	50.52 2.42 -2.16	48.19 2.76 -0.76	53.92 3.17 -1.76	44.08 2.21 -0.32	36.61 1.37 0.00
COLDSPRG_115KV_BK1 355956	29.55 2.29 0.00	36.09 2.28 0.00	28.94 1.45 0.00	29.68 1.47 0.00	28.86 1.38 0.00	29.79 1.14 0.00	31.11 1.03 0.00	32.37 1.16 0.00	40.80 2.56 0.00	43.25 3.14 0.00	43.09 3.50 0.00	47.12 4.23 0.00	47.66 4.46 0.00	55.40 5.81 0.00	63.48 6.56 0.00	58.99 6.30 0.00	101.52 11.72 0.00	433.84 44.83 0.00	236.78 22.25 0.00	51.04 5.10 0.00	49.23 4.55 0.00	54.14 5.15 0.00	46.22 4.67 0.00	39.31 4.06 0.00
COLONIE_LFGE___ 323577	28.18 0.92 0.00	35.07 1.18 -0.08	28.54 1.05 0.00	29.29 1.08 0.00	28.60 1.11 0.00	29.78 1.13 0.00	31.61 1.33 -0.20	34.29 1.33 -1.75	39.55 1.31 0.00	41.48 1.38 0.00	40.88 1.29 0.00	44.52 1.62 0.00	44.83 1.63 0.00	51.29 1.70 0.00	58.85 1.93 0.00	54.44 1.75 0.00	92.90 3.11 0.00	405.33 16.32 0.00	224.06 9.53 0.00	103.43 2.28 -55.21	111.92 2.23 -65.01	67.27 2.40 -15.88	43.50 1.95 0.00	37.14 1.60 -0.29
COOPERNY_115KV_TB1 80082	27.94 0.68 0.00	34.37 0.72 0.17	28.12 0.63 0.00	28.87 0.66 0.00	28.19 0.70 0.00	29.42 0.76 0.00	30.50 0.86 0.44	28.20 0.95 3.96	39.26 1.02 0.00	41.11 1.00 0.00	40.68 1.09 0.00	44.18 1.28 0.00	44.51 1.32 0.00	51.14 1.55 0.00	58.72 1.80 0.00	54.45 1.75 0.00	92.93 3.14 0.00	401.43 12.42 0.00	220.85 6.32 0.00	51.47 1.39 -4.14	50.82 1.27 -4.87	51.56 1.38 -1.19	42.83 1.27 0.00	35.64 1.05 0.66
COPENHAGEN_WT_PWR 323753	27.90 0.63 0.00	34.31 0.50 0.00	27.88 0.39 0.00	28.63 0.42 0.00	27.90 0.41 0.00	29.13 0.48 0.00	30.48 0.39 0.00	31.49 0.27 0.00	39.22 0.56 -0.43	41.35 0.60 -0.64	40.16 0.49 -0.08	43.97 0.56 -0.51	44.38 0.61 -0.58	51.96 0.72 -1.65	60.76 0.96 -2.88	56.00 1.13 -2.18	95.96 2.29 -3.88	410.31 14.39 -6.91	228.30 7.01 -6.76	49.48 1.40 -2.14	47.38 1.91 -0.79	53.16 2.33 -1.84	43.39 1.50 -0.33	36.04 0.79 0.00
CORNELL_____ 23752	28.08 0.81 0.00	34.74 0.93 0.00	28.20 0.71 0.00	28.97 0.76 0.00	28.22 0.73 0.00	29.39 0.74 0.00	30.87 0.79 0.00	32.00 0.78 0.00	39.61 1.12 -0.27	41.73 1.22 -0.40	40.83 1.19 -0.05	44.83 1.62 -0.32	45.21 1.67 -0.35	52.75 2.19 -0.97	61.19 2.59 -1.69	56.47 2.49 -1.28	97.15 5.07 -2.28	412.77 19.70 -4.05	229.65 11.15 -3.97	50.83 2.53 -2.35	49.48 2.29 -2.52	53.02 2.43 -1.60	43.74 1.98 -0.20	36.82 1.57 0.00

CORONA__69_KV_TB1 355595	28.97 1.70 0.00	36.29 2.03 -0.45	29.15 1.66 0.00	29.90 1.68 0.00	29.23 1.74 0.00	30.62 1.97 0.00	37.42 2.26 -5.08	43.98 2.37 -10.40	40.66 2.43 0.00	42.40 2.29 0.00	42.06 2.47 0.00	45.76 2.87 0.00	46.15 2.95 0.00	53.01 3.42 0.00	60.12 3.61 0.41	56.15 3.45 0.00	92.50 5.87 3.16	401.30 23.23 10.94	226.48 11.95 0.00	54.10 2.66 -5.51	54.28 2.57 -7.03	53.55 2.84 -1.72	44.32 2.77 0.00	39.22 2.25 -1.73
CORTLAND__115KV_TB3 80093	27.89 0.62 0.00	34.51 0.70 0.00	28.02 0.53 0.00	28.78 0.57 0.00	28.04 0.56 0.00	29.23 0.58 0.00	30.70 0.62 0.00	31.82 0.60 0.00	39.37 0.88 -0.25	41.46 0.98 -0.38	40.65 1.01 -0.04	44.58 1.39 -0.30	44.97 1.44 -0.34	52.40 1.85 -0.96	60.79 2.19 -1.67	55.91 1.95 -1.27	96.30 4.25 -2.26	411.76 18.73 -4.02	228.42 9.96 -3.94	48.79 2.27 -0.58	46.83 1.66 -0.50	51.94 1.78 -1.16	43.21 1.45 -0.21	36.39 1.15 0.00
COXSACKIE__GT 23611	29.14 1.87 0.00	36.06 2.25 0.00	29.34 1.85 0.00	30.12 1.91 0.00	29.39 1.91 0.00	30.61 1.96 0.00	32.32 2.24 0.00	33.46 2.25 0.00	40.85 2.62 0.00	42.69 2.58 0.00	41.69 2.10 0.00	45.37 2.48 0.00	45.47 2.27 0.00	52.13 2.54 0.00	59.93 3.01 0.00	55.71 3.02 0.00	96.62 6.83 0.00	422.57 33.55 0.00	236.23 21.71 0.00	75.52 5.06 -24.52	78.42 4.88 -28.87	61.33 5.28 -7.05	45.65 4.10 0.00	38.57 3.32 0.00
CPV_VALLEY__CC1 323721	27.99 0.73 0.00	34.30 0.76 0.27	28.16 0.67 0.00	28.92 0.71 0.00	28.25 0.77 0.00	29.50 0.85 0.00	30.36 0.97 0.69	26.12 1.09 6.19	39.36 1.13 0.00	41.18 1.08 0.00	40.76 1.16 0.00	44.26 1.37 0.00	44.59 1.39 0.00	51.22 1.63 0.00	58.79 1.87 0.00	54.54 1.85 0.00	93.12 3.32 0.00	401.97 12.96 0.00	221.05 6.52 0.00	52.24 1.42 -4.88	51.73 1.31 -5.75	51.80 1.40 -1.40	42.86 1.31 0.00	35.31 1.09 1.03
CPV_VALLEY__CC2 323722	27.99 0.73 0.00	34.30 0.76 0.27	28.16 0.67 0.00	28.92 0.71 0.00	28.25 0.77 0.00	29.50 0.85 0.00	30.36 0.97 0.69	26.12 1.09 6.19	39.36 1.13 0.00	41.18 1.08 0.00	40.76 1.16 0.00	44.26 1.37 0.00	44.59 1.39 0.00	51.22 1.63 0.00	58.79 1.87 0.00	54.54 1.85 0.00	93.12 3.32 0.00	401.97 12.96 0.00	221.05 6.52 0.00	52.24 1.42 -4.88	51.73 1.31 -5.75	51.80 1.40 -1.40	42.86 1.31 0.00	35.31 1.09 1.03
CRESCENT__HYD 24018	28.18 0.92 0.00	35.07 1.18 -0.08	28.54 1.05 0.00	29.29 1.08 0.00	28.60 1.11 0.00	29.78 1.13 0.00	31.61 1.33 -0.20	34.29 1.33 -1.75	39.55 1.31 0.00	41.48 1.38 0.00	40.88 1.29 0.00	44.52 1.62 0.00	44.83 1.63 0.00	51.29 1.70 0.00	58.85 1.93 0.00	54.44 1.75 0.00	92.90 3.11 0.00	405.33 16.32 0.00	224.06 9.53 0.00	103.43 2.28 -55.21	111.92 2.23 -65.01	67.27 2.40 -15.88	43.50 1.95 0.00	37.14 1.60 -0.29
CRICKET__VALLEY_CC1 323756	28.04 0.78 0.00	34.86 0.86 -0.18	28.24 0.74 0.00	28.98 0.76 0.00	28.31 0.82 0.00	29.58 0.93 0.00	31.70 1.14 -0.48	36.79 1.34 -4.24	39.61 1.38 0.00	41.46 1.35 0.00	40.99 1.40 0.00	44.55 1.65 0.00	44.88 1.68 0.00	51.42 1.83 0.00	58.96 2.04 0.00	54.64 1.94 0.00	93.37 3.57 0.00	405.18 16.17 0.00	223.05 8.52 0.00	55.22 1.88 -7.39	55.11 1.73 -8.70	52.93 1.82 -2.13	43.16 1.61 0.00	37.25 1.30 -0.70
CRICKET__VALLEY_CC2 323757	28.04 0.78 0.00	34.86 0.86 -0.18	28.24 0.74 0.00	28.98 0.76 0.00	28.31 0.82 0.00	29.58 0.93 0.00	31.70 1.14 -0.48	36.79 1.34 -4.24	39.61 1.38 0.00	41.46 1.35 0.00	40.99 1.40 0.00	44.55 1.65 0.00	44.88 1.68 0.00	51.42 1.83 0.00	58.96 2.04 0.00	54.64 1.94 0.00	93.37 3.57 0.00	405.18 16.17 0.00	223.05 8.52 0.00	55.22 1.88 -7.39	55.11 1.73 -8.70	52.93 1.82 -2.13	43.16 1.61 0.00	37.25 1.30 -0.70
CRICKET__VALLEY_CC3 323758	28.04 0.78 0.00	34.86 0.86 -0.18	28.24 0.74 0.00	28.98 0.76 0.00	28.31 0.82 0.00	29.58 0.93 0.00	31.70 1.14 -0.48	36.79 1.34 -4.24	39.61 1.38 0.00	41.46 1.35 0.00	40.99 1.40 0.00	44.55 1.65 0.00	44.88 1.68 0.00	51.42 1.83 0.00	58.96 2.04 0.00	54.64 1.94 0.00	93.37 3.57 0.00	405.18 16.17 0.00	223.05 8.52 0.00	55.22 1.88 -7.39	55.11 1.73 -8.70	52.93 1.82 -2.13	43.16 1.61 0.00	37.25 1.30 -0.70
CRUCIBLE__METL_DRP 24180	27.42 0.16 0.00	34.00 0.19 0.00	27.61 0.12 0.00	28.35 0.13 0.00	27.61 0.12 0.00	28.73 0.09 0.00	30.12 0.04 0.00	31.17 -0.05 0.00	38.82 0.10 -0.48	41.04 0.21 -0.73	40.06 0.38 -0.08	44.14 0.67 -0.58	44.62 0.77 -0.65	52.50 1.05 -1.86	61.44 1.28 -3.24	56.46 1.30 -2.46	96.69 2.47 -4.43	406.12 9.32 -7.79	226.59 4.44 -7.62	48.07 1.02 -1.11	46.54 0.98 -0.89	52.06 1.00 -2.07	42.76 0.83 -0.37	35.89 0.64 0.00
DAHOWA__HYDRO 323763	28.87 1.60 0.00	35.90 2.02 -0.07	29.15 1.66 0.00	29.91 1.70 0.00	29.21 1.72 0.00	30.45 1.79 0.00	32.42 2.15 -0.18	35.04 2.17 -1.65	40.49 2.26 0.00	42.42 2.32 0.00	41.73 2.14 0.00	45.56 2.66 0.00	45.88 2.68 0.00	52.51 2.92 0.00	60.43 3.51 0.00	56.09 3.40 0.00	95.85 6.05 0.00	419.44 30.43 0.00	232.36 17.83 0.00	113.41 4.11 -63.36	123.27 4.01 -74.59	71.55 4.34 -18.22	45.01 3.46 0.00	38.33 2.81 -0.28
DANC__LFGE 323619	27.56 0.29 0.00	33.97 0.16 0.00	27.62 0.13 0.00	28.35 0.14 0.00	27.63 0.15 0.00	28.82 0.16 0.00	30.17 0.09 0.00	31.15 -0.06 0.00	38.86 0.08 -0.54	41.04 0.12 -0.81	39.81 0.12 -0.10	43.73 0.20 -0.64	44.20 0.29 -0.72	52.04 0.38 -2.07	61.05 0.53 -3.60	56.14 0.70 -2.74	96.08 1.42 -4.86	406.91 9.24 -8.66	227.42 4.42 -8.48	48.86 0.89 -2.03	46.83 1.16 -0.99	52.70 1.40 -2.31	42.91 0.94 -0.42	35.77 0.53 0.00
DANSKAMMER__1 23586	28.65 1.39 0.00	35.36 1.54 0.00	28.76 1.27 0.00	29.52 1.31 0.00	28.85 1.37 0.00	30.15 1.50 0.00	31.80 1.71 0.00	33.14 1.93 0.00	40.40 2.17 0.00	42.30 2.20 0.00	41.86 2.27 0.00	45.49 2.60 0.00	45.87 2.67 0.00	52.73 3.14 0.00	60.56 3.64 0.00	56.23 3.54 0.00	96.10 6.30 0.00	415.48 26.46 0.00	228.38 13.85 0.00	55.17 2.97 -6.26	54.78 2.74 -7.36	53.68 2.89 -1.80	44.08 2.53 0.00	37.32 2.08 0.00
DANSKAMMER__2 23589	28.65 1.39 0.00	35.36 1.54 0.00	28.76 1.27 0.00	29.52 1.31 0.00	28.85 1.37 0.00	30.15 1.50 0.00	31.80 1.71 0.00	33.14 1.93 0.00	40.40 2.17 0.00	42.30 2.20 0.00	41.86 2.27 0.00	45.49 2.60 0.00	45.87 2.67 0.00	52.73 3.14 0.00	60.56 3.64 0.00	56.23 3.54 0.00	96.10 6.30 0.00	415.48 26.46 0.00	228.38 13.85 0.00	55.17 2.97 -6.26	54.78 2.74 -7.36	53.68 2.89 -1.80	44.08 2.53 0.00	37.32 2.08 0.00
DANSKAMMER__3 23590	28.65 1.39 0.00	35.36 1.54 0.00	28.76 1.27 0.00	29.52 1.31 0.00	28.85 1.37 0.00	30.15 1.50 0.00	31.80 1.71 0.00	33.14 1.93 0.00	40.40 2.17 0.00	42.30 2.20 0.00	41.86 2.27 0.00	45.49 2.60 0.00	45.87 2.67 0.00	52.73 3.14 0.00	60.56 3.64 0.00	56.23 3.54 0.00	96.10 6.30 0.00	415.48 26.46 0.00	228.38 13.85 0.00	55.17 2.97 -6.26	54.78 2.74 -7.36	53.68 2.89 -1.80	44.08 2.53 0.00	37.32 2.08 0.00

DANSKAMMER___4 23591	28.65 1.39 0.00	35.36 1.54 0.00	28.76 1.27 0.00	29.52 1.31 0.00	28.85 1.37 0.00	30.15 1.50 0.00	31.80 1.71 0.00	33.14 1.93 0.00	40.40 2.17 0.00	42.30 2.20 0.00	41.86 2.27 0.00	45.49 2.60 0.00	45.87 2.67 0.00	52.73 3.14 0.00	60.56 3.64 0.00	56.23 3.54 0.00	96.10 6.30 0.00	415.48 26.46 0.00	228.38 13.85 0.00	55.17 2.97 -6.26	54.78 2.74 -7.36	53.68 2.89 -1.80	44.08 2.53 0.00	37.32 2.08 0.00
DANSKAMMER___DIESEL 23592	28.65 1.39 0.00	35.36 1.54 0.00	28.76 1.28 0.00	29.52 1.31 0.00	28.85 1.37 0.00	30.15 1.50 0.00	31.80 1.71 0.00	33.14 1.92 0.00	40.40 2.17 0.00	42.30 2.19 0.00	41.86 2.27 0.00	45.49 2.59 0.00	45.87 2.67 0.00	52.73 3.14 0.00	60.55 3.64 0.00	56.23 3.54 0.00	96.09 6.30 0.00	415.50 26.48 0.00	228.37 13.84 0.00	55.17 2.97 -6.26	54.78 2.74 -7.36	53.68 2.89 -1.80	44.08 2.53 0.00	37.32 2.08 0.00
DARBY___SOLAR 323810	28.72 1.46 0.00	35.71 1.83 -0.07	29.01 1.52 0.00	29.77 1.56 0.00	29.07 1.58 0.00	30.30 1.64 0.00	32.24 1.97 -0.19	34.86 1.98 -1.67	40.27 2.04 0.00	42.19 2.09 0.00	41.51 1.92 0.00	45.25 2.36 0.00	45.61 2.41 0.00	52.20 2.61 0.00	60.06 3.14 0.00	55.75 3.06 0.00	95.18 5.39 0.00	416.26 27.24 0.00	230.49 15.96 0.00	111.91 3.72 -62.25	121.60 3.63 -73.29	70.84 3.94 -17.90	44.71 3.16 0.00	38.08 2.56 -0.28
DASHVILLE___HYD 23610	28.31 1.05 0.00	34.96 1.15 0.00	28.44 0.95 0.00	29.19 0.98 0.00	28.51 1.02 0.00	29.79 1.14 0.00	31.40 1.32 0.00	32.72 1.51 0.00	39.88 1.65 0.00	41.80 1.70 0.00	41.41 1.82 0.00	44.96 2.06 0.00	45.25 2.05 0.00	51.94 2.35 0.00	59.61 2.70 0.00	55.38 2.69 0.00	94.53 4.73 0.00	408.26 19.25 0.00	224.37 9.84 0.00	58.66 2.03 -10.69	59.07 1.81 -12.58	54.08 2.02 -3.07	43.41 1.85 0.00	36.77 1.52 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	28.43 1.16 0.00	35.81 1.54 -0.45	28.76 1.27 0.00	29.52 1.30 0.00	28.87 1.39 0.00	30.41 1.76 0.00	37.38 2.22 -5.08	43.91 2.30 -10.40	40.68 2.44 0.00	42.51 2.40 0.00	42.19 2.60 0.00	45.99 3.10 0.00	46.43 3.24 0.00	53.70 4.11 0.00	55.02 4.13 6.03	56.61 3.98 0.06	74.32 6.75 22.23	333.42 24.42 80.01	225.18 11.41 0.76	51.11 2.48 -2.69	54.19 2.49 -7.03	53.13 2.42 -1.72	43.92 2.36 0.00	38.69 1.72 -1.73
DELAWARE___LFGE 323621	27.97 0.71 0.00	34.65 0.83 0.00	28.20 0.70 0.00	28.99 0.77 0.00	28.27 0.78 0.00	29.46 0.81 0.00	30.98 0.90 0.00	32.13 0.91 0.00	39.45 1.14 -0.08	41.42 1.19 -0.12	40.89 1.28 -0.01	44.51 1.52 -0.10	44.82 1.51 -0.11	51.62 1.72 -0.31	59.41 1.95 -0.54	54.95 1.84 -0.42	93.72 3.18 -0.74	403.36 13.04 -1.31	222.68 6.88 -1.28	56.24 1.58 -8.73	56.36 1.49 -10.20	53.42 1.62 -2.81	43.04 1.43 -0.06	36.41 1.17 0.00
DERFIELD_115KV_TB7 355931	27.38 0.11 0.00	33.96 0.15 0.00	27.62 0.13 0.00	28.36 0.14 0.00	27.65 0.16 0.00	28.82 0.16 0.00	30.28 0.19 0.00	31.38 0.16 0.00	38.37 0.14 0.00	40.23 0.13 0.00	39.77 0.17 0.00	43.15 0.26 0.00	43.47 0.27 0.00	49.90 0.31 0.00	57.26 0.34 0.00	53.03 0.33 0.00	90.43 0.63 0.00	391.76 2.75 0.00	216.15 1.62 0.00	46.36 0.42 0.00	45.07 0.39 0.00	49.41 0.41 0.00	41.92 0.37 0.00	35.52 0.27 0.00
DOGLEVILLE___HYD 23807	27.66 0.39 0.00	34.27 0.46 0.00	27.93 0.44 0.00	28.69 0.47 0.00	28.00 0.52 0.00	29.22 0.57 0.00	30.84 0.76 0.00	31.84 0.62 0.00	38.53 0.30 0.00	40.08 -0.02 0.00	39.80 0.20 0.00	43.22 0.33 0.00	43.50 0.30 0.00	49.94 0.35 0.00	57.34 0.42 0.00	53.25 0.56 0.00	91.15 1.35 0.00	394.64 5.63 0.00	220.12 5.59 0.00	47.72 1.78 0.00	46.46 1.79 0.00	50.85 1.86 0.00	42.92 1.37 0.00	36.21 0.96 0.00
DUNKIRK___115KV_TB_200 55889	28.81 1.55 0.00	35.22 1.41 0.00	28.33 0.84 0.00	29.06 0.85 0.00	28.25 0.76 0.00	29.09 0.43 0.00	30.25 0.17 0.00	31.25 0.03 0.00	39.33 1.09 0.00	41.66 1.56 0.00	41.63 2.03 0.00	45.64 2.75 0.00	46.24 3.05 0.00	53.79 4.21 0.00	61.68 4.76 0.00	57.20 4.50 0.00	98.56 8.76 0.00	421.73 32.71 0.00	230.56 16.03 0.00	49.63 3.69 0.00	47.88 3.20 0.00	52.63 3.64 0.00	44.95 3.39 0.00	38.26 3.02 0.00
DUNKIRK___1 23563	28.81 1.55 0.00	35.22 1.41 0.00	28.33 0.84 0.00	29.06 0.85 0.00	28.25 0.76 0.00	29.09 0.43 0.00	30.25 0.17 0.00	31.25 0.03 0.00	39.33 1.09 0.00	41.66 1.56 0.00	41.63 2.03 0.00	45.64 2.75 0.00	46.24 3.05 0.00	53.79 4.21 0.00	61.68 4.76 0.00	57.20 4.50 0.00	98.56 8.76 0.00	421.73 32.71 0.00	230.56 16.03 0.00	49.63 3.69 0.00	47.88 3.20 0.00	52.63 3.64 0.00	44.95 3.39 0.00	38.26 3.02 0.00
DUNKIRK___2 23564	28.81 1.55 0.00	35.22 1.41 0.00	28.33 0.84 0.00	29.06 0.85 0.00	28.25 0.76 0.00	29.09 0.43 0.00	30.25 0.17 0.00	31.25 0.03 0.00	39.33 1.09 0.00	41.66 1.56 0.00	41.63 2.03 0.00	45.64 2.75 0.00	46.24 3.05 0.00	53.79 4.21 0.00	61.68 4.76 0.00	57.20 4.50 0.00	98.56 8.76 0.00	421.73 32.71 0.00	230.56 16.03 0.00	49.63 3.69 0.00	47.88 3.20 0.00	52.63 3.64 0.00	44.95 3.39 0.00	38.26 3.02 0.00
DUNKIRK___3 23565	28.63 1.36 0.00	35.02 1.20 0.00	28.19 0.69 0.00	28.90 0.69 0.00	28.10 0.62 0.00	28.95 0.30 0.00	30.09 0.01 0.00	31.03 -0.18 0.00	39.02 0.79 0.00	41.34 1.23 0.00	41.34 1.74 0.00	45.35 2.45 0.00	45.92 2.72 0.00	53.31 3.73 0.00	61.17 4.25 0.00	56.73 4.03 0.00	97.51 7.71 0.00	417.45 28.43 0.00	228.53 14.00 0.00	49.15 3.21 0.00	47.41 2.74 0.00	52.11 3.12 0.00	44.57 3.01 0.00	37.99 2.74 0.00
DUNKIRK___4 23566	28.63 1.36 0.00	35.02 1.20 0.00	28.19 0.69 0.00	28.90 0.69 0.00	28.10 0.62 0.00	28.95 0.30 0.00	30.09 0.01 0.00	31.03 -0.18 0.00	39.02 0.79 0.00	41.34 1.23 0.00	41.34 1.74 0.00	45.35 2.45 0.00	45.92 2.72 0.00	53.31 3.73 0.00	61.17 4.25 0.00	56.73 4.03 0.00	97.51 7.71 0.00	417.45 28.43 0.00	228.53 14.00 0.00	49.15 3.21 0.00	47.41 2.74 0.00	52.11 3.12 0.00	44.57 3.01 0.00	37.99 2.74 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	28.59 1.33 0.00	35.73 1.47 -0.45	28.71 1.22 0.00	29.47 1.26 0.00	28.81 1.32 0.00	30.12 1.47 0.00	32.94 1.70 -1.16	43.42 1.91 -10.29	40.31 2.08 0.00	42.14 2.03 0.00	41.74 2.15 0.00	45.34 2.45 0.00	45.70 2.50 0.00	52.46 2.87 0.00	60.09 3.17 0.00	55.72 3.03 0.00	95.10 5.30 0.00	410.21 21.19 0.00	225.11 10.59 0.00	54.22 2.30 -5.98	53.87 2.16 -7.04	53.01 2.30 -1.72	43.72 2.17 0.00	38.80 1.84 -1.71
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	28.41 1.14 0.00	34.92 1.24 0.13	28.53 1.05 0.00	29.30 1.09 0.00	28.62 1.13 0.00	29.91 1.26 0.00	31.17 1.43 0.34	29.75 1.61 3.08	39.98 1.75 0.00	41.85 1.75 0.00	41.42 1.83 0.00	44.99 2.10 0.00	45.35 2.15 0.00	52.13 2.54 0.00	59.87 2.95 0.00	55.58 2.89 0.00	94.93 5.14 0.00	410.15 21.14 0.00	225.50 10.98 0.00	54.31 2.36 -6.02	53.94 2.18 -7.08	53.03 2.31 -1.73	43.62 2.06 0.00	36.43 1.70 0.51

E179THST_138_KV_TB4_REV_LBMP_J 345001	28.77 1.51 0.00	35.95 1.69 -0.45	28.88 1.39 0.00	29.65 1.43 0.00	28.99 1.50 0.00	30.33 1.68 0.00	33.19 1.95 -1.16	43.63 2.11 -10.31	40.55 2.32 0.00	42.37 2.27 0.00	41.98 2.39 0.00	45.59 2.69 0.00	46.05 2.85 0.00	52.80 3.22 0.00	60.45 3.53 0.00	56.00 3.31 0.00	95.54 5.75 0.00	411.77 22.75 -0.01	225.85 11.32 0.00	54.41 2.49 -5.98	54.06 2.34 -7.04	53.28 2.56 -1.73	44.05 2.50 0.00	38.95 2.00 -1.71
E179THST_13_KV_LOAD 356214	28.97 1.70 0.00	36.17 1.91 -0.45	29.06 1.57 0.00	29.82 1.61 0.00	29.15 1.67 0.00	30.52 1.87 0.00	33.38 2.14 -1.16	43.84 2.32 -10.31	40.83 2.59 0.00	42.66 2.55 0.00	42.27 2.67 0.00	45.92 3.03 0.00	46.38 3.19 0.00	53.21 3.62 0.00	60.87 3.95 0.00	56.39 3.70 0.00	96.30 6.50 0.00	414.91 25.90 -0.01	227.58 13.05 0.00	54.78 2.85 -5.98	54.40 2.69 -7.04	53.66 2.94 -1.73	44.37 2.82 0.00	39.21 2.25 -1.71
EAST HAMPTON___GT 23717	28.11 0.84 0.00	35.41 1.15 -0.45	28.44 0.95 0.00	29.20 0.99 0.00	28.57 1.09 0.00	30.10 1.45 0.00	37.19 2.02 -5.08	43.82 2.21 -10.40	40.73 2.50 0.00	42.63 2.52 0.00	42.29 2.70 0.00	46.08 3.19 0.00	46.51 3.31 0.00	53.99 4.40 0.00	55.51 4.62 6.03	57.08 4.45 0.06	74.47 6.90 22.23	332.39 23.39 80.01	223.57 9.79 0.76	50.70 2.07 -2.69	54.09 2.38 -7.03	52.90 2.19 -1.72	43.71 2.16 0.00	38.45 1.48 -1.73
EAST RIVER___6 23660	28.80 1.54 0.00	35.93 1.67 -0.45	28.89 1.40 0.00	29.62 1.41 0.00	28.94 1.46 0.00	30.27 1.62 0.00	33.13 1.89 -1.16	43.67 2.15 -10.30	40.67 2.44 0.00	42.52 2.41 0.00	42.14 2.55 0.00	45.75 2.86 0.00	46.13 2.94 0.00	52.95 3.36 0.00	60.62 3.70 0.00	56.21 3.52 0.00	95.86 6.07 0.00	412.96 23.95 0.00	226.33 11.80 0.00	54.47 2.55 -5.98	54.17 2.46 -7.04	53.27 2.55 -1.72	44.01 2.46 0.00	39.09 2.13 -1.71
EAST RIVER___7 23524	28.80 1.54 0.00	35.93 1.67 -0.45	28.89 1.40 0.00	29.62 1.41 0.00	28.94 1.46 0.00	30.27 1.62 0.00	33.13 1.89 -1.16	43.67 2.15 -10.30	40.67 2.44 0.00	42.52 2.41 0.00	42.14 2.55 0.00	45.75 2.86 0.00	46.13 2.94 0.00	52.95 3.36 0.00	60.62 3.70 0.00	56.21 3.52 0.00	95.86 6.07 0.00	412.96 23.95 0.00	226.33 11.80 0.00	54.47 2.55 -5.98	54.17 2.46 -7.04	53.27 2.55 -1.72	44.01 2.46 0.00	39.09 2.13 -1.71
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	28.51 1.24 0.00	35.66 1.37 -0.48	28.64 1.15 0.00	29.39 1.18 0.00	28.74 1.25 0.00	30.05 1.40 0.00	32.92 1.60 -1.23	44.01 1.80 -10.99	40.18 1.95 0.00	42.00 1.90 0.00	41.60 2.01 0.00	45.19 2.30 0.00	45.56 2.36 0.00	52.30 2.71 0.00	59.94 3.02 0.00	55.58 2.89 0.00	94.87 5.08 0.00	409.33 20.32 0.00	224.72 10.20 0.00	54.12 2.22 -5.96	53.76 2.07 -7.02	52.92 2.21 -1.71	43.62 2.06 0.00	38.81 1.74 -1.82
EAST_HAMPTON___DIESEL 23722	28.02 0.75 0.00	35.30 1.04 -0.45	28.36 0.87 0.00	29.11 0.90 0.00	28.49 1.01 0.00	30.02 1.37 0.00	37.11 1.95 -5.08	43.75 2.14 -10.40	40.65 2.42 0.00	42.55 2.44 0.00	42.22 2.63 0.00	46.01 3.11 0.00	46.44 3.24 0.00	53.91 4.33 0.00	55.44 4.54 6.03	57.00 4.36 0.06	74.38 6.81 22.23	331.86 22.86 80.01	223.22 9.44 0.76	50.62 1.99 -2.69	54.00 2.29 -7.03	52.77 2.06 -1.72	43.58 2.03 0.00	38.35 1.38 -1.73
EAST_POINT___SOLAR 323840	29.19 1.93 0.00	36.06 2.24 0.00	29.23 1.73 0.00	30.02 1.81 0.00	29.22 1.74 0.00	30.50 1.85 0.00	31.99 1.91 0.00	32.76 1.55 0.00	39.57 1.33 0.00	41.25 1.15 0.00	40.95 1.36 0.00	43.96 1.06 0.00	44.16 0.97 0.00	51.45 1.86 0.00	59.35 2.43 0.00	55.48 2.79 0.00	94.73 4.93 0.00	411.52 22.51 0.00	231.04 16.52 0.00	111.98 3.78 -62.26	121.86 3.88 -73.30	71.20 4.30 -17.90	44.99 3.44 0.00	37.99 2.74 0.00
EAST_PULASKI___ESR 323781	27.26 0.00 0.00	33.70 -0.11 0.00	27.40 -0.09 0.00	28.12 -0.09 0.00	27.41 -0.08 0.00	28.55 -0.10 0.00	29.91 -0.18 0.00	30.88 -0.34 0.00	38.70 -0.30 -0.77	40.99 -0.27 -1.16	39.54 -0.18 -0.14	43.67 -0.14 -0.92	44.19 -0.04 -1.03	52.54 -0.01 -2.96	62.18 0.10 -5.16	56.88 0.27 -3.92	97.40 0.64 -6.96	405.69 4.29 -12.39	228.59 1.93 -12.13	48.10 0.39 -1.77	46.53 0.44 -1.42	52.80 0.50 -3.30	42.58 0.43 -0.60	35.54 0.29 0.00
EAST_RIVER___1 323558	28.71 1.45 0.00	35.85 1.59 -0.45	28.81 1.32 0.00	29.56 1.35 0.00	28.89 1.41 0.00	30.23 1.58 0.00	33.07 1.83 -1.16	43.61 2.09 -10.30	40.57 2.33 0.00	42.39 2.28 0.00	42.01 2.41 0.00	45.61 2.72 0.00	45.98 2.78 0.00	52.77 3.18 0.00	60.41 3.49 0.00	56.00 3.30 0.00	95.52 5.73 0.00	411.50 22.48 0.00	225.64 11.11 0.00	54.33 2.41 -5.98	54.00 2.29 -7.04	53.14 2.43 -1.72	43.88 2.33 0.00	38.97 2.01 -1.71
EAST_RIVER___2 323559	28.80 1.54 0.00	35.93 1.67 -0.45	28.89 1.40 0.00	29.62 1.41 0.00	28.94 1.46 0.00	30.27 1.62 0.00	33.13 1.89 -1.16	43.67 2.15 -10.30	40.67 2.44 0.00	42.52 2.41 0.00	42.14 2.55 0.00	45.75 2.86 0.00	46.13 2.94 0.00	52.95 3.36 0.00	60.62 3.70 0.00	56.21 3.52 0.00	95.86 6.07 0.00	412.96 23.95 0.00	226.33 11.80 0.00	54.47 2.55 -5.98	54.17 2.46 -7.04	53.27 2.55 -1.72	44.01 2.46 0.00	39.09 2.13 -1.71
EAST___DELAWARE_HYD 23607	27.67 0.40 0.00	34.04 0.32 0.09	27.76 0.27 0.00	28.48 0.27 0.00	27.82 0.34 0.00	29.08 0.43 0.00	30.40 0.56 0.24	29.81 0.73 2.14	38.95 0.72 0.00	40.80 0.69 0.00	40.37 0.78 0.00	43.82 0.93 0.00	44.18 0.98 0.00	50.91 1.32 0.00	58.48 1.56 0.00	54.30 1.60 0.00	92.88 3.08 0.00	401.92 12.91 0.00	221.52 6.99 0.00	53.98 1.50 -6.55	53.72 1.34 -7.71	52.22 1.35 -1.88	42.71 1.16 0.00	35.75 0.86 0.36
EIGHT_POINT___WT_PWR 323820	28.38 1.12 0.00	34.69 0.88 0.00	27.98 0.49 0.00	28.60 0.39 0.00	27.90 0.41 0.00	28.85 0.19 0.00	30.11 0.03 0.00	31.26 0.05 0.00	39.35 1.02 -0.10	41.38 1.13 -0.15	40.96 1.35 -0.02	44.85 1.84 -0.12	45.03 1.70 -0.13	52.01 2.03 -0.39	59.66 2.08 -0.67	54.99 1.78 -0.51	94.59 3.88 -0.91	407.68 17.06 -1.61	225.16 9.06 -1.58	47.44 1.27 -0.23	46.76 1.90 -0.19	52.01 2.58 -0.43	43.90 2.27 -0.08	37.11 1.86 0.00
ELBRIDGE_115KV_TB2 80188	27.32 0.06 0.00	33.88 0.06 0.00	27.50 0.02 0.00	28.25 0.04 0.00	27.49 0.00 0.00	28.60 -0.05 0.00	29.98 -0.11 0.00	31.00 -0.21 0.00	38.65 -0.10 -0.51	40.86 -0.01 -0.77	39.83 0.15 -0.09	43.94 0.44 -0.61	44.37 0.49 -0.68	52.32 0.76 -1.97	61.27 0.92 -3.43	56.28 0.97 -2.61	96.41 1.95 -4.66	404.26 7.00 -8.25	225.80 3.20 -8.07	47.92 0.80 -1.18	46.34 0.71 -0.94	51.89 0.71 -2.19	42.57 0.62 -0.40	35.69 0.44 0.00
ELEC_TRO_TEK 24086	28.74 1.47 0.00	36.04 1.78 -0.45	28.96 1.47 0.00	29.70 1.49 0.00	29.05 1.57 0.00	30.43 1.78 0.00	37.24 2.07 -5.08	43.79 2.18 -10.40	40.45 2.22 0.00	42.14 2.04 0.00	41.78 2.19 0.00	45.45 2.56 0.00	45.85 2.65 0.00	52.72 3.14 0.00	53.90 3.23 6.25	55.64 3.05 0.10	88.64 5.30 6.45	382.23 20.94 27.72	223.83 10.61 1.30	53.27 2.30 -5.02	53.92 2.21 -7.03	53.11 2.40 -1.72	43.98 2.42 0.00	38.94 1.97 -1.73

ELLENBURG_WT_PWR 323604	28.57 1.30 0.00	35.41 1.60 0.00	28.71 1.22 0.00	29.15 0.94 0.00	28.31 0.82 0.00	29.51 0.86 0.00	31.36 1.28 0.00	32.56 1.35 0.00	39.99 1.75 0.00	42.12 2.02 0.00	41.26 1.66 0.00	44.62 1.73 0.00	44.86 1.66 0.00	51.20 1.61 0.00	58.26 1.34 0.00	53.55 0.85 0.00	90.19 0.40 0.00	388.26 -0.75 0.00	213.12 -1.41 0.00	8.30 -3.81 33.83	43.66 -1.02 0.00	48.03 -0.97 0.00	39.17 -2.38 0.00	33.75 -1.50 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	28.39 1.13 0.00	34.77 0.96 0.00	28.00 0.51 0.00	28.65 0.44 0.00	27.88 0.40 0.00	28.65 0.00 0.00	29.66 -0.43 0.00	30.44 -0.78 0.00	38.25 0.01 0.00	40.60 0.49 0.00	40.80 1.20 0.00	44.79 1.89 0.00	45.45 2.25 0.00	52.58 2.99 0.00	60.28 3.37 0.00	56.03 3.34 0.00	95.86 6.07 0.00	411.34 22.33 0.00	225.82 11.29 0.00	48.46 2.53 0.00	46.70 2.03 0.00	51.23 2.24 0.00	43.98 2.43 0.00	37.59 2.34 0.00
EMPIRE_CC_1 323656	27.66 0.39 0.00	34.43 0.52 -0.10	28.10 0.61 0.00	28.80 0.59 0.00	28.14 0.66 0.00	29.26 0.61 0.00	31.08 0.75 -0.25	34.18 0.73 -2.23	38.79 0.55 0.00	40.66 0.56 0.00	40.11 0.51 0.00	43.65 0.76 0.00	43.92 0.72 0.00	50.23 0.64 0.00	57.58 0.67 0.00	53.21 0.52 0.00	90.78 0.99 0.00	395.52 6.50 0.00	218.48 3.96 0.00	64.64 1.04 -17.66	66.52 1.04 -20.80	55.18 1.11 -5.08	42.47 0.92 0.00	36.41 0.79 -0.37
EMPIRE_CC_2 323658	27.66 0.39 0.00	34.43 0.52 -0.10	28.10 0.61 0.00	28.80 0.59 0.00	28.14 0.66 0.00	29.26 0.61 0.00	31.08 0.75 -0.25	34.18 0.73 -2.23	38.79 0.55 0.00	40.66 0.56 0.00	40.11 0.51 0.00	43.65 0.76 0.00	43.92 0.72 0.00	50.23 0.64 0.00	57.58 0.67 0.00	53.21 0.52 0.00	90.78 0.99 0.00	395.52 6.50 0.00	218.48 3.96 0.00	64.64 1.04 -17.66	66.52 1.04 -20.80	55.18 1.11 -5.08	42.47 0.92 0.00	36.41 0.79 -0.37
ENORWICH_115KV_TB1 80156	28.93 1.67 0.00	35.81 2.00 0.00	29.22 1.73 0.00	30.03 1.82 0.00	29.35 1.87 0.00	30.68 2.02 0.00	32.36 2.27 0.00	33.57 2.36 0.00	41.55 3.12 -0.19	43.81 3.41 -0.28	42.84 3.22 -0.03	46.84 3.72 -0.23	47.03 3.58 -0.25	54.71 4.40 -0.72	63.15 4.97 -1.26	58.09 4.43 -0.96	100.36 8.86 -1.70	430.16 38.11 -3.03	238.90 21.40 -2.97	55.06 4.83 -4.30	54.20 4.65 -4.88	55.57 4.64 -1.93	45.42 3.72 -0.15	37.95 2.71 0.00
ERIE_ST__34_KV_TB1-2 80199	28.66 1.40 0.00	35.08 1.27 0.00	28.22 0.73 0.00	28.88 0.66 0.00	28.09 0.60 0.00	28.93 0.27 0.00	30.02 -0.07 0.00	30.89 -0.32 0.00	38.82 0.59 0.00	41.22 1.11 0.00	41.41 1.82 0.00	45.51 2.62 0.00	46.19 2.99 0.00	53.47 3.88 0.00	61.33 4.41 0.00	57.04 4.35 0.00	97.66 7.87 0.00	418.85 29.84 0.00	229.89 15.36 0.00	49.28 3.34 0.00	47.43 2.75 0.00	52.01 3.01 0.00	44.55 3.00 0.00	38.00 2.75 0.00
ERIE_WT_PWR 323693	28.59 1.33 0.00	35.00 1.19 0.00	28.18 0.69 0.00	28.83 0.62 0.00	28.05 0.56 0.00	28.83 0.18 0.00	29.86 -0.22 0.00	30.68 -0.53 0.00	38.57 0.34 0.00	40.92 0.81 0.00	41.11 1.52 0.00	45.14 2.24 0.00	45.79 2.59 0.00	52.99 3.41 0.00	60.80 3.88 0.00	56.50 3.81 0.00	96.62 6.82 0.00	414.60 25.58 0.00	227.58 13.05 0.00	48.88 2.94 0.00	47.10 2.42 0.00	51.68 2.69 0.00	44.34 2.78 0.00	37.86 2.62 0.00
ESPRGFLD_115KV_TB1 80157	28.77 1.51 0.00	35.54 1.73 0.00	28.81 1.33 0.00	29.59 1.38 0.00	28.82 1.33 0.00	30.05 1.40 0.00	31.57 1.49 0.00	32.74 1.53 0.00	40.26 2.03 0.00	42.23 2.12 0.00	41.87 2.28 0.00	45.38 2.48 0.00	45.68 2.48 0.00	52.70 3.11 0.00	60.45 3.53 0.00	56.12 3.42 0.00	95.69 5.89 0.00	412.75 23.74 0.00	228.12 13.59 0.00	92.90 2.92 -44.04	99.32 2.79 -51.85	64.75 3.09 -12.66	44.08 2.53 0.00	37.29 2.04 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	28.03 0.77 0.00	34.68 0.87 0.00	28.16 0.67 0.00	28.93 0.71 0.00	28.17 0.69 0.00	29.35 0.70 0.00	30.83 0.75 0.00	31.96 0.74 0.00	39.61 1.12 -0.27	41.73 1.22 -0.40	40.83 1.19 -0.05	44.83 1.62 -0.32	45.21 1.66 -0.35	52.66 2.07 -1.00	61.12 2.46 -1.75	56.36 2.34 -1.33	96.98 4.83 -2.36	411.97 18.76 -4.20	229.19 10.56 -4.11	50.72 2.40 -2.38	49.38 2.16 -2.54	52.93 2.29 -1.64	43.64 1.88 -0.21	36.73 1.48 0.00
ETNA____115KV_TB2 80207	28.03 0.77 0.00	34.68 0.87 0.00	28.16 0.67 0.00	28.93 0.71 0.00	28.17 0.69 0.00	29.35 0.70 0.00	30.83 0.75 0.00	31.96 0.74 0.00	39.61 1.12 -0.27	41.73 1.22 -0.40	40.83 1.19 -0.05	44.83 1.62 -0.32	45.21 1.66 -0.35	52.66 2.07 -1.00	61.12 2.46 -1.75	56.36 2.34 -1.33	96.98 4.83 -2.36	411.97 18.76 -4.20	229.19 10.56 -4.11	50.72 2.40 -2.38	49.38 2.16 -2.54	52.93 2.29 -1.64	43.64 1.88 -0.21	36.73 1.48 0.00
EUCLID____115KV_TB2 356179	27.13 -0.13 0.00	33.65 -0.16 0.00	27.32 -0.17 0.00	28.03 -0.18 0.00	27.33 -0.16 0.00	28.43 -0.22 0.00	29.80 -0.28 0.00	30.81 -0.41 0.00	38.09 -0.36 -0.22	40.15 -0.29 -0.33	39.53 -0.11 -0.04	43.26 0.10 -0.26	43.72 0.23 -0.29	50.82 0.38 -0.85	58.89 0.49 -1.48	54.35 0.53 -1.12	92.88 1.10 -1.99	396.44 3.87 -3.56	219.73 1.72 -3.48	46.85 0.40 -0.51	45.41 0.33 -0.40	50.24 0.31 -0.94	41.99 0.27 -0.17	35.44 0.20 0.00
E_CANADA_CAP_HY 24051	29.08 1.81 0.00	35.93 2.12 0.00	29.10 1.61 0.00	29.89 1.67 0.00	29.07 1.58 0.00	30.32 1.67 0.00	31.82 1.73 0.00	32.93 1.71 0.00	40.30 2.07 0.00	42.09 1.99 0.00	41.71 2.12 0.00	45.07 2.18 0.00	45.33 2.13 0.00	52.48 2.89 0.00	60.25 3.33 0.00	56.01 3.32 0.00	95.45 5.65 0.00	411.88 22.87 0.00	229.13 14.60 0.00	106.29 3.23 -57.13	115.12 3.19 -67.25	69.04 3.62 -16.43	44.48 2.92 0.00	37.62 2.37 0.00
E_CANADA_MHWK_HY 24050	27.66 0.39 0.00	34.27 0.46 0.00	27.93 0.44 0.00	28.69 0.47 0.00	28.00 0.52 0.00	29.22 0.57 0.00	30.84 0.76 0.00	31.84 0.62 0.00	38.53 0.30 0.00	40.08 -0.02 0.00	39.80 0.20 0.00	43.22 0.33 0.00	43.50 0.30 0.00	49.94 0.35 0.00	57.34 0.42 0.00	53.25 0.56 0.00	91.15 1.35 0.00	394.64 5.63 0.00	220.12 5.59 0.00	47.72 1.78 0.00	46.46 1.79 0.00	50.85 1.86 0.00	42.92 1.37 0.00	36.21 0.96 0.00
E_FISHKILL____LBMP 23776	28.28 1.01 0.00	35.08 1.12 -0.15	28.43 0.95 0.00	29.19 0.98 0.00	28.53 1.04 0.00	29.80 1.15 0.00	31.83 1.35 -0.40	36.32 1.52 -3.59	39.85 1.62 0.00	41.67 1.56 0.00	41.24 1.65 0.00	44.79 1.90 0.00	45.12 1.92 0.00	51.75 2.16 0.00	59.35 2.43 0.00	55.03 2.34 0.00	93.94 4.14 0.00	406.18 17.17 0.00	223.28 8.75 0.00	53.98 1.92 -6.12	53.67 1.79 -7.20	52.66 1.91 -1.76	43.32 1.77 0.00	37.33 1.49 -0.60
FALCON____SEABRD_CC1 323796	28.59 1.33 0.00	35.45 1.64 0.00	28.74 1.25 0.00	29.18 0.97 0.00	28.36 0.88 0.00	29.55 0.90 0.00	31.40 1.32 0.00	32.62 1.41 0.00	40.05 1.82 0.00	42.18 2.07 0.00	41.30 1.70 0.00	44.67 1.78 0.00	44.90 1.70 0.00	51.21 1.62 0.00	58.21 1.29 0.00	53.46 0.76 0.00	89.94 0.15 0.00	387.42 -1.59 0.00	213.08 -1.45 0.00	8.96 -3.14 33.83	43.90 -0.78 0.00	48.28 -0.71 0.00	39.67 -1.88 0.00	33.98 -1.27 0.00

FALCON___SEABRD_CC2 323797	28.59 1.33 0.00	35.45 1.64 0.00	28.74 1.25 0.00	29.18 0.97 0.00	28.36 0.88 0.00	29.55 0.90 0.00	31.40 1.32 0.00	32.62 1.41 0.00	40.05 1.82 0.00	42.18 2.07 0.00	41.30 1.70 0.00	44.67 1.78 0.00	44.90 1.70 0.00	51.21 1.62 0.00	58.21 1.29 0.00	53.46 0.76 0.00	89.94 0.15 0.00	387.42 -1.59 0.00	213.08 -1.45 0.00	8.96 -3.14 33.83	43.90 -0.78 0.00	48.28 -0.71 0.00	39.67 -1.88 0.00	33.98 -1.27 0.00
FAR ROCKAWAY___4 23548	29.24 1.98 0.00	36.62 2.36 -0.45	29.40 1.91 0.00	30.16 1.95 0.00	29.48 2.00 0.00	30.90 2.25 0.00	37.72 2.55 -5.08	44.30 2.68 -10.40	41.11 2.87 0.00	42.86 2.76 0.00	42.55 2.95 0.00	46.32 3.43 0.00	46.64 3.45 0.00	53.38 3.79 0.00	60.55 4.02 0.39	56.52 3.82 0.00	92.89 6.08 2.98	402.19 23.49 10.31	226.72 12.19 0.00	54.34 2.87 -5.53	54.60 2.89 -7.03	53.95 3.25 -1.72	44.57 3.02 0.00	39.44 2.47 -1.73
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	28.72 1.46 0.00	35.86 1.60 -0.45	28.82 1.33 0.00	29.57 1.36 0.00	28.91 1.43 0.00	30.24 1.59 0.00	33.08 1.84 -1.16	43.63 2.11 -10.30	40.59 2.36 0.00	42.41 2.30 0.00	42.02 2.43 0.00	45.61 2.72 0.00	45.99 2.80 0.00	52.79 3.20 0.00	60.42 3.50 0.00	56.02 3.32 0.00	95.53 5.74 0.00	411.64 22.63 0.00	225.79 11.26 0.00	54.37 2.45 -5.98	54.02 2.31 -7.04	53.17 2.46 -1.72	43.89 2.34 0.00	38.97 2.02 -1.71
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	28.75 1.49 0.00	35.89 1.63 -0.45	28.84 1.35 0.00	29.59 1.38 0.00	28.93 1.45 0.00	30.26 1.61 0.00	33.11 1.87 -1.16	43.65 2.13 -10.30	40.62 2.39 0.00	42.43 2.32 0.00	42.04 2.45 0.00	45.64 2.75 0.00	46.02 2.82 0.00	52.82 3.23 0.00	60.47 3.55 0.00	56.05 3.35 0.00	95.60 5.80 0.00	411.91 22.90 0.00	225.94 11.41 0.00	54.40 2.48 -5.98	54.05 2.34 -7.04	53.23 2.52 -1.72	43.94 2.39 0.00	39.01 2.06 -1.71
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	28.70 1.44 0.00	35.83 1.58 -0.45	28.80 1.31 0.00	29.55 1.33 0.00	28.88 1.40 0.00	30.22 1.57 0.00	33.06 1.82 -1.16	43.60 2.08 -10.30	40.55 2.32 0.00	42.37 2.27 0.00	41.98 2.39 0.00	45.56 2.67 0.00	45.95 2.75 0.00	52.72 3.13 0.00	60.36 3.44 0.00	55.94 3.25 0.00	95.41 5.61 0.00	411.10 22.09 0.00	225.51 10.98 0.00	54.30 2.39 -5.98	53.97 2.26 -7.04	53.13 2.42 -1.72	43.86 2.30 0.00	38.95 1.99 -1.71
FARRAGUT___LBMP 323566	28.68 1.41 0.00	35.81 1.56 -0.45	28.78 1.29 0.00	29.53 1.32 0.00	28.87 1.38 0.00	30.20 1.55 0.00	33.04 1.80 -1.16	43.58 2.05 -10.30	40.52 2.28 0.00	42.33 2.23 0.00	41.94 2.35 0.00	45.52 2.63 0.00	45.89 2.70 0.00	52.67 3.08 0.00	60.30 3.38 0.00	55.89 3.20 0.00	95.31 5.52 0.00	410.71 21.70 0.00	225.30 10.77 0.00	54.26 2.35 -5.98	53.92 2.21 -7.04	53.08 2.37 -1.72	43.82 2.27 0.00	38.91 1.95 -1.71
FENNER___WINDPWR 24204	27.99 0.73 0.00	34.64 0.82 0.00	28.12 0.63 0.00	28.84 0.63 0.00	28.12 0.64 0.00	29.34 0.69 0.00	30.82 0.73 0.00	31.94 0.72 0.00	39.39 0.95 -0.20	41.40 1.00 -0.30	40.74 1.11 -0.04	44.59 1.46 -0.23	45.05 1.59 -0.26	52.27 1.92 -0.76	60.63 2.40 -1.32	55.79 2.09 -1.00	95.72 4.15 -1.78	411.70 19.52 -3.17	228.19 10.55 -3.11	48.69 2.29 -0.46	47.06 2.00 -0.38	52.04 2.15 -0.89	43.34 1.63 -0.16	36.42 1.18 0.00
FIBERTEK___ENERGY 23856	27.42 0.16 0.00	34.00 0.19 0.00	27.61 0.12 0.00	28.35 0.13 0.00	27.61 0.12 0.00	28.73 0.09 0.00	30.12 0.04 0.00	31.17 -0.05 0.00	38.82 0.10 -0.48	41.04 0.21 -0.73	40.06 0.38 -0.08	44.14 0.67 -0.58	44.62 0.77 -0.65	52.50 1.05 -1.86	61.44 1.28 -3.24	56.46 1.30 -2.46	96.69 2.47 -4.43	406.12 9.32 -7.79	226.59 4.44 -7.62	48.07 1.02 -1.11	46.54 0.98 -0.89	52.06 1.00 -2.07	42.76 0.83 -0.37	35.89 0.64 0.00
FITZPATRICK____ 23598	26.66 -0.61 0.00	33.12 -0.69 0.00	26.89 -0.60 0.00	27.60 -0.61 0.00	26.89 -0.59 0.00	27.99 -0.66 0.00	29.32 -0.76 0.00	30.30 -0.92 0.00	34.51 -1.03 2.69	35.05 -1.03 4.03	38.23 -0.88 0.48	38.89 -0.81 3.20	38.87 -0.74 3.59	38.49 -0.77 10.33	38.08 -0.85 17.98	38.30 -0.73 13.66	64.42 -1.12 24.26	340.42 -5.38 43.21	169.00 -3.22 42.32	39.12 -0.65 6.17	39.03 -0.69 4.96	36.68 -0.78 11.53	38.82 -0.64 2.09	34.68 -0.56 0.00
FLOWRFLD_69_KV_BK1 356044	28.72 1.46 0.00	36.15 1.89 -0.45	29.07 1.58 0.00	29.81 1.60 0.00	29.16 1.67 0.00	30.63 1.98 0.00	37.49 2.32 -5.08	43.95 2.34 -10.40	40.50 2.27 0.00	42.16 2.05 0.00	41.82 2.23 0.00	45.56 2.67 0.00	45.88 2.68 0.00	52.92 3.33 0.00	53.60 2.81 6.13	55.28 2.65 0.06	72.61 4.96 22.14	327.37 18.19 79.83	222.81 9.07 0.78	50.74 2.10 -2.70	53.74 2.03 -7.03	52.87 2.16 -1.72	43.82 2.26 0.00	38.75 1.78 -1.73
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	28.71 1.45 0.00	35.44 1.63 0.00	28.83 1.34 0.00	29.59 1.37 0.00	28.91 1.42 0.00	30.21 1.56 0.00	31.88 1.79 0.00	33.22 2.01 0.00	40.51 2.27 0.00	42.43 2.32 0.00	42.00 2.40 0.00	45.63 2.74 0.00	46.02 2.82 0.00	52.90 3.32 0.00	60.76 3.84 0.00	56.43 3.74 0.00	96.42 6.63 0.00	416.84 27.83 0.00	229.17 14.64 0.00	55.32 3.12 -6.26	54.92 2.87 -7.36	53.83 3.04 -1.80	44.20 2.65 0.00	37.42 2.18 0.00
FORT ORANGE____ 23900	27.79 0.53 0.00	34.51 0.63 -0.07	28.09 0.60 0.00	28.83 0.62 0.00	28.14 0.65 0.00	29.27 0.62 0.00	30.99 0.72 -0.18	33.47 0.60 -1.65	38.71 0.48 0.00	40.59 0.48 0.00	40.03 0.44 0.00	43.53 0.64 0.00	43.79 0.60 0.00	50.17 0.58 0.00	57.55 0.63 0.00	53.23 0.54 0.00	91.09 1.29 0.00	396.03 7.02 0.00	219.15 4.62 0.00	81.93 1.21 -34.78	86.81 1.19 -40.94	60.29 1.30 -10.00	42.58 1.03 0.00	36.57 1.04 -0.28
FORT_DRUM_COGEN 23780	27.98 0.72 0.00	34.44 0.62 0.00	27.97 0.48 0.00	28.70 0.48 0.00	27.97 0.48 0.00	29.22 0.57 0.00	30.60 0.51 0.00	31.62 0.40 0.00	39.32 0.70 -0.39	41.41 0.72 -0.58	40.25 0.58 -0.07	44.00 0.64 -0.46	44.40 0.69 -0.52	51.96 0.89 -1.49	60.66 1.15 -2.59	55.97 1.31 -1.97	95.86 2.57 -3.49	411.19 15.95 -6.22	229.38 8.76 -6.09	49.89 1.77 -2.18	47.56 2.17 -0.71	53.23 2.58 -1.66	43.56 1.71 -0.30	36.23 0.98 0.00
FOX_HILLS___ESR 323835	29.84 1.50 -1.07	35.91 1.65 -0.45	28.85 1.36 0.00	29.60 1.38 0.00	28.93 1.44 0.00	30.28 1.63 0.00	33.13 1.89 -1.16	43.68 2.16 -10.31	40.69 2.45 0.00	42.47 2.36 0.00	42.11 2.52 0.00	45.70 2.81 0.00	46.15 2.96 0.00	53.01 3.42 0.00	60.58 3.66 0.00	56.14 3.44 -0.01	95.70 5.90 0.00	412.15 23.14 0.00	226.42 11.89 0.00	63.17 2.55 -14.68	54.03 2.32 -7.04	53.28 2.57 -1.72	44.06 2.51 0.00	39.11 2.10 -1.77
FPL FAR_ROCK_GT1 24212	29.24 1.98 0.00	36.62 2.36 -0.45	29.41 1.91 0.00	30.16 1.95 0.00	29.49 2.00 0.00	30.90 2.25 0.00	37.71 2.55 -5.08	44.30 2.68 -10.40	41.11 2.87 0.00	42.87 2.76 0.00	42.54 2.95 0.00	46.33 3.43 0.00	46.64 3.45 0.00	53.39 3.80 0.00	60.54 4.01 0.39	56.52 3.82 0.00	92.90 6.09 2.98	402.22 23.52 10.31	226.69 12.16 0.00	54.33 2.86 -5.53	54.60 2.89 -7.03	53.96 3.25 -1.72	44.57 3.01 0.00	39.45 2.47 -1.73



FPL FAR_ROCK_GT2 23815	29.24 1.98 0.00	36.62 2.36 -0.45	29.41 1.91 0.00	30.16 1.95 0.00	29.49 2.00 0.00	30.90 2.25 0.00	37.71 2.55 -5.08	44.30 2.68 -10.40	41.11 2.87 0.00	42.87 2.76 0.00	42.54 2.95 0.00	46.33 3.43 0.00	46.64 3.45 0.00	53.39 3.80 0.00	60.54 4.01 0.39	56.52 3.82 0.00	92.90 6.09 2.98	402.22 23.52 10.31	226.69 12.16 0.00	54.33 2.86 -5.53	54.60 2.89 -7.03	53.96 3.25 -1.72	44.57 3.01 0.00	39.45 2.47 -1.73
FRANKLIN_FALL_HYD 24054	27.73 0.47 0.00	34.35 0.54 0.00	27.86 0.37 0.00	28.45 0.23 0.00	27.61 0.12 0.00	28.84 0.19 0.00	30.40 0.31 0.00	31.77 0.55 0.00	39.03 0.80 0.00	41.03 0.93 0.00	40.12 0.53 0.00	43.27 0.38 0.00	43.53 0.33 0.00	49.94 0.35 0.00	57.19 0.27 0.00	52.70 0.01 0.00	89.27 -0.52 0.00	386.51 -2.50 0.00	213.49 -1.04 0.00	65.45 -1.70 -21.21	44.02 -0.66 0.00	48.47 -0.53 0.00	40.26 -1.29 0.00	34.34 -0.90 0.00
FREEPORT_EQUS_GT1 23764	28.94 1.68 0.00	36.30 2.04 -0.45	29.15 1.66 0.00	29.89 1.68 0.00	29.23 1.74 0.00	30.64 1.99 0.00	37.46 2.30 -5.08	44.01 2.40 -10.40	40.71 2.48 0.00	42.37 2.26 0.00	42.02 2.43 0.00	45.73 2.83 0.00	46.01 2.81 0.00	52.91 3.32 0.00	32.13 3.39 28.18	55.46 3.23 0.47	79.20 5.45 16.04	330.64 23.15 81.52	220.19 11.94 6.27	52.10 2.56 -3.60	54.32 2.62 -7.03	53.51 2.80 -1.72	44.36 2.81 0.00	39.24 2.26 -1.73
FREEPORT___CT2 23818	28.94 1.68 0.00	36.30 2.04 -0.45	29.15 1.66 0.00	29.89 1.68 0.00	29.23 1.74 0.00	30.64 1.99 0.00	37.46 2.30 -5.08	44.01 2.40 -10.40	40.71 2.48 0.00	42.37 2.26 0.00	42.02 2.43 0.00	45.73 2.83 0.00	46.01 2.81 0.00	52.91 3.32 0.00	32.13 3.39 28.18	55.46 3.23 0.47	79.20 5.45 16.04	330.64 23.15 81.52	220.19 11.94 6.27	52.10 2.56 -3.60	54.32 2.62 -7.03	53.51 2.80 -1.72	44.36 2.81 0.00	39.24 2.26 -1.73
FRESHKLS_33_KV_LOAD 356253	29.80 1.46 -1.07	35.86 1.60 -0.45	28.82 1.33 0.00	29.56 1.35 0.00	28.89 1.41 0.00	30.24 1.59 0.00	33.09 1.85 -1.16	43.63 2.11 -10.31	40.64 2.40 0.00	42.36 2.25 0.00	42.07 2.48 0.00	45.65 2.76 0.00	46.12 2.92 0.00	53.01 3.42 0.00	60.54 3.62 0.00	56.13 3.43 -0.01	95.71 5.92 0.00	412.75 23.74 0.00	226.86 12.33 0.00	63.23 2.61 -14.68	54.01 2.30 -7.04	53.26 2.55 -1.72	44.05 2.50 0.00	39.10 2.09 -1.77
FULTON COGEN____ 23766	27.11 -0.16 0.00	33.64 -0.17 0.00	27.27 -0.22 0.00	27.98 -0.24 0.00	27.27 -0.22 0.00	28.38 -0.27 0.00	29.75 -0.34 0.00	30.75 -0.47 0.00	38.64 -0.47 -0.88	40.95 -0.47 -1.31	39.48 -0.27 -0.15	43.77 -0.17 -1.04	44.25 -0.12 -1.17	52.92 -0.04 -3.37	62.87 0.09 -5.86	57.29 0.14 -4.45	98.25 0.55 -7.91	405.65 2.56 -14.08	229.21 0.89 -13.79	48.14 0.19 -2.01	46.43 0.14 -1.62	52.86 0.12 -3.75	42.36 0.12 -0.68	35.32 0.08 0.00
FULTON___LFGE 323630	30.02 2.75 0.00	37.15 3.33 0.00	30.10 2.61 0.00	30.99 2.78 0.00	30.16 2.67 0.00	31.54 2.89 0.00	33.13 3.04 0.00	34.03 2.82 0.00	40.76 2.52 0.00	40.71 0.60 0.00	40.96 1.37 0.00	43.48 0.58 0.00	43.27 0.08 0.00	51.38 1.79 0.00	58.10 1.19 0.00	55.26 2.56 0.00	95.77 5.98 0.00	416.19 27.18 0.00	243.99 29.46 0.00	114.42 6.74 -61.75	124.04 6.67 -72.70	73.89 7.14 -17.76	47.18 5.63 0.00	39.73 4.48 0.00
G.F.CEMENT___DRP 24184	29.08 1.81 0.00	36.15 2.26 -0.07	29.31 1.82 0.00	30.07 1.85 0.00	29.36 1.88 0.00	30.60 1.95 0.00	32.68 2.41 -0.18	35.30 2.46 -1.63	40.82 2.59 0.00	42.75 2.64 0.00	41.98 2.39 0.00	45.93 3.04 0.00	46.27 3.07 0.00	52.87 3.29 0.00	60.87 3.95 0.00	56.57 3.87 0.00	96.98 7.19 0.00	424.42 35.41 0.00	235.12 20.59 0.00	115.86 4.69 -65.24	126.03 4.55 -76.81	72.73 4.97 -18.76	45.49 3.94 0.00	38.71 3.19 -0.27
GARDENVILLE___LBMP 24039	28.48 1.22 0.00	34.88 1.06 0.00	28.07 0.58 0.00	28.73 0.52 0.00	27.95 0.46 0.00	28.74 0.09 0.00	29.77 -0.32 0.00	30.57 -0.64 0.00	38.42 0.19 0.00	40.78 0.68 0.00	40.94 1.35 0.00	44.94 2.05 0.00	45.59 2.39 0.00	52.76 3.17 0.00	60.50 3.58 0.00	56.22 3.52 0.00	96.25 6.46 0.00	413.00 23.99 0.00	226.63 12.10 0.00	48.65 2.71 0.00	46.90 2.22 0.00	51.45 2.46 0.00	44.14 2.59 0.00	37.70 2.46 0.00
GARDNVLA_35_KV_LD 355827	28.64 1.38 0.00	35.07 1.25 0.00	28.22 0.73 0.00	28.88 0.67 0.00	28.09 0.60 0.00	28.87 0.22 0.00	29.90 -0.18 0.00	30.71 -0.51 0.00	38.62 0.39 0.00	41.02 0.91 0.00	41.22 1.63 0.00	45.29 2.40 0.00	45.97 2.77 0.00	53.20 3.61 0.00	61.02 4.11 0.00	56.72 4.03 0.00	97.09 7.30 0.00	416.75 27.74 0.00	228.60 14.07 0.00	49.04 3.10 0.00	47.24 2.56 0.00	51.81 2.82 0.00	44.44 2.89 0.00	37.94 2.69 0.00
GELCKHM___115KV_LOAD 80723	27.24 -0.03 0.00	33.78 -0.03 0.00	27.42 -0.07 0.00	28.15 -0.07 0.00	27.42 -0.06 0.00	28.54 -0.11 0.00	29.90 -0.18 0.00	30.93 -0.28 0.00	38.34 -0.20 -0.31	40.47 -0.10 -0.47	39.72 0.07 -0.06	43.58 0.31 -0.37	44.04 0.43 -0.42	51.43 0.63 -1.21	59.81 0.78 -2.11	55.12 0.82 -1.60	94.24 1.59 -2.86	399.90 5.83 -5.06	222.19 2.71 -4.95	47.29 0.62 -0.72	45.81 0.56 -0.58	50.90 0.56 -1.34	42.26 0.46 -0.24	35.60 0.35 0.00
GENERAL___MILLS 23808	28.56 1.30 0.00	34.98 1.16 0.00	28.16 0.67 0.00	28.81 0.60 0.00	28.03 0.54 0.00	28.81 0.16 0.00	29.84 -0.24 0.00	30.64 -0.57 0.00	38.53 0.29 0.00	40.89 0.79 0.00	41.09 1.49 0.00	45.11 2.22 0.00	45.77 2.57 0.00	52.97 3.38 0.00	60.75 3.83 0.00	56.46 3.76 0.00	96.62 6.83 0.00	414.69 25.67 0.00	227.56 13.04 0.00	48.84 2.90 0.00	47.05 2.38 0.00	51.62 2.63 0.00	44.29 2.73 0.00	37.83 2.58 0.00
GE_PLASTICS___DRP 24183	27.68 0.41 0.00	34.38 0.50 -0.07	27.97 0.48 0.00	28.72 0.51 0.00	28.03 0.55 0.00	29.19 0.54 0.00	30.94 0.67 -0.18	33.50 0.65 -1.64	38.83 0.59 0.00	40.68 0.58 0.00	40.14 0.55 0.00	43.65 0.76 0.00	43.93 0.73 0.00	50.31 0.72 0.00	57.70 0.78 0.00	53.43 0.73 0.00	91.20 1.40 0.00	395.91 6.90 0.00	218.71 4.19 0.00	75.67 1.07 -28.66	79.46 1.05 -33.74	58.35 1.12 -8.24	42.49 0.94 0.00	36.32 0.80 -0.27
GILBOA___1 23756	27.77 0.51 0.00	34.50 0.69 0.00	28.10 0.61 0.00	28.95 0.73 0.00	28.22 0.73 0.00	29.35 0.69 0.00	30.89 0.80 0.00	31.95 0.74 0.00	39.00 0.76 0.00	40.86 0.76 0.00	40.38 0.79 0.00	43.89 1.00 0.00	44.14 0.94 0.00	50.45 0.86 0.00	57.82 0.90 0.00	53.55 0.86 0.00	90.98 1.19 0.00	393.34 4.33 0.00	216.97 2.45 0.00	50.53 0.84 -3.76	49.96 0.86 -4.42	51.09 1.02 -1.08	42.55 1.00 0.00	36.12 0.87 0.00
GILBOA___2 23757	27.77 0.51 0.00	34.50 0.69 0.00	28.10 0.61 0.00	28.95 0.73 0.00	28.22 0.73 0.00	29.35 0.69 0.00	30.89 0.80 0.00	31.95 0.74 0.00	39.00 0.76 0.00	40.86 0.76 0.00	40.38 0.79 0.00	43.89 1.00 0.00	44.14 0.94 0.00	50.45 0.86 0.00	57.82 0.90 0.00	53.55 0.86 0.00	90.98 1.19 0.00	393.34 4.33 0.00	216.97 2.45 0.00	50.53 0.84 -3.76	49.96 0.86 -4.42	51.09 1.02 -1.08	42.55 1.00 0.00	36.12 0.87 0.00

GILBOA___3 23758	27.77 0.51 0.00	34.50 0.69 0.00	28.10 0.61 0.00	28.95 0.73 0.00	28.22 0.73 0.00	29.35 0.69 0.00	30.89 0.80 0.00	31.95 0.74 0.00	39.00 0.76 0.00	40.86 0.76 0.00	40.38 0.79 0.00	43.89 1.00 0.00	44.14 0.94 0.00	50.45 0.86 0.00	57.82 0.90 0.00	53.55 0.86 0.00	90.98 1.19 0.00	393.34 4.33 0.00	216.97 2.45 0.00	50.53 0.84 -3.76	49.96 0.86 -4.42	51.09 1.02 -1.08	42.55 1.00 0.00	36.12 0.87 0.00
GILBOA___4 23759	27.77 0.51 0.00	34.50 0.69 0.00	28.10 0.61 0.00	28.95 0.73 0.00	28.22 0.73 0.00	29.35 0.69 0.00	30.89 0.80 0.00	31.95 0.74 0.00	39.00 0.76 0.00	40.86 0.76 0.00	40.38 0.79 0.00	43.89 1.00 0.00	44.14 0.94 0.00	50.45 0.86 0.00	57.82 0.90 0.00	53.55 0.86 0.00	90.98 1.19 0.00	393.34 4.33 0.00	216.97 2.45 0.00	50.53 0.84 -3.76	49.96 0.86 -4.42	51.09 1.02 -1.08	42.55 1.00 0.00	36.12 0.87 0.00
GILBOA___ 23599	27.77 0.51 0.00	34.50 0.69 0.00	28.10 0.61 0.00	28.95 0.73 0.00	28.22 0.73 0.00	29.35 0.70 0.00	30.89 0.80 0.00	31.95 0.74 0.00	38.99 0.76 0.00	40.86 0.76 0.00	40.38 0.79 0.00	43.89 1.00 0.00	44.14 0.95 0.00	50.45 0.86 0.00	57.82 0.90 0.00	53.55 0.86 0.00	90.97 1.18 0.00	393.33 4.32 0.00	216.97 2.44 0.00	50.53 0.84 -3.76	49.96 0.86 -4.42	51.09 1.02 -1.08	42.55 1.00 0.00	36.12 0.87 0.00
GINNA___ 23603	26.96 -0.30 0.00	33.21 -0.61 0.00	26.82 -0.67 0.00	27.44 -0.77 0.00	26.74 -0.75 0.00	27.68 -0.97 0.00	28.87 -1.22 0.00	29.78 -1.44 0.00	36.96 -1.27 0.00	39.11 -0.99 0.00	39.13 -0.46 0.00	42.82 -0.07 0.00	43.54 0.35 0.00	50.40 0.81 0.00	57.86 0.94 0.00	53.77 1.08 0.00	91.62 1.83 0.00	395.10 6.09 0.00	217.94 3.42 0.00	46.61 0.67 0.00	44.99 0.32 0.00	49.19 0.19 0.00	41.81 0.26 0.00	35.47 0.23 0.00
GLEN PARK___ 23778	28.13 0.86 0.00	34.59 0.78 0.00	28.09 0.60 0.00	28.82 0.61 0.00	28.09 0.60 0.00	29.36 0.70 0.00	30.75 0.66 0.00	31.75 0.54 0.00	39.49 0.85 -0.41	41.58 0.86 -0.61	40.40 0.73 -0.07	44.18 0.81 -0.48	44.61 0.87 -0.54	52.26 1.11 -1.56	61.06 1.42 -2.72	56.32 1.56 -2.07	96.54 3.08 -3.67	414.50 18.94 -6.54	231.73 10.80 -6.41	50.34 2.23 -2.17	48.02 2.59 -0.75	53.72 2.99 -1.74	43.93 2.06 -0.32	36.50 1.25 0.00
GLENDALE_27_KV_LOAD 356172	28.92 1.66 0.00	36.10 1.84 -0.45	29.00 1.51 0.00	29.76 1.55 0.00	29.09 1.60 0.00	30.44 1.79 0.00	33.34 2.09 -1.16	43.89 2.37 -10.31	40.90 2.66 0.00	42.75 2.64 0.00	42.37 2.77 0.00	45.98 3.08 0.00	46.39 3.19 0.00	53.19 3.60 0.00	60.82 3.90 0.00	56.36 3.66 0.00	96.07 6.27 0.00	413.79 24.78 0.00	227.00 12.47 0.00	54.64 2.72 -5.98	54.26 2.55 -7.04	53.50 2.78 -1.72	44.27 2.72 0.00	39.24 2.29 -1.71
GLENWOOD_IC_1_G5 23712	28.94 1.67 0.00	36.27 2.01 -0.45	29.13 1.64 0.00	29.87 1.66 0.00	29.22 1.73 0.00	30.60 1.96 0.00	37.44 2.28 -5.08	44.01 2.40 -10.40	40.75 2.51 0.00	42.48 2.37 0.00	42.16 2.56 0.00	45.72 2.83 0.00	46.19 2.99 0.00	53.15 3.57 0.00	51.28 3.75 9.38	56.11 3.57 0.15	86.04 5.92 9.67	370.32 22.87 41.56	224.03 11.45 1.95	52.97 2.48 -4.54	54.02 2.31 -7.03	53.23 2.52 -1.72	44.34 2.79 0.00	39.22 2.25 -1.73
GLENWOOD_IC_2_G1 23688	28.85 1.58 0.00	36.16 1.90 -0.45	29.05 1.56 0.00	29.80 1.59 0.00	29.13 1.65 0.00	30.52 1.87 0.00	37.34 2.17 -5.08	43.91 2.30 -10.40	40.61 2.38 0.00	42.33 2.22 0.00	41.99 2.40 0.00	45.67 2.78 0.00	46.09 2.89 0.00	53.01 3.42 0.00	57.72 3.57 2.78	56.06 3.41 0.04	92.70 5.84 2.93	399.24 22.76 12.54	225.37 11.42 0.58	54.00 2.52 -5.54	54.10 2.39 -7.03	53.28 2.57 -1.72	44.17 2.62 0.00	39.10 2.12 -1.73
GLENWOOD_IC_3_G1 23689	28.85 1.58 0.00	36.16 1.90 -0.45	29.05 1.56 0.00	29.80 1.59 0.00	29.13 1.65 0.00	30.52 1.87 0.00	37.34 2.17 -5.08	43.91 2.30 -10.40	40.61 2.38 0.00	42.33 2.22 0.00	41.99 2.40 0.00	45.67 2.78 0.00	46.09 2.89 0.00	53.01 3.42 0.00	57.72 3.57 2.78	56.06 3.41 0.04	92.70 5.84 2.93	399.24 22.76 12.54	225.37 11.42 0.58	54.00 2.52 -5.54	54.10 2.39 -7.03	53.28 2.57 -1.72	44.17 2.62 0.00	39.10 2.12 -1.73
GLENWOOD___4 23550	28.94 1.67 0.00	36.27 2.01 -0.45	29.13 1.64 0.00	29.87 1.66 0.00	29.22 1.73 0.00	30.60 1.96 0.00	37.44 2.28 -5.08	44.01 2.40 -10.40	40.75 2.51 0.00	42.48 2.37 0.00	42.16 2.56 0.00	45.78 2.89 0.00	46.24 3.04 0.00	53.22 3.63 0.00	51.34 3.81 9.38	56.17 3.63 0.15	86.24 6.12 9.67	371.24 23.78 41.56	224.59 12.02 1.95	53.08 2.60 -4.54	54.14 2.44 -7.03	53.34 2.63 -1.72	44.34 2.79 0.00	39.22 2.25 -1.73
GLENWOOD___5 23614	28.94 1.67 0.00	36.27 2.01 -0.45	29.13 1.64 0.00	29.87 1.66 0.00	29.22 1.73 0.00	30.60 1.96 0.00	37.44 2.28 -5.08	44.01 2.40 -10.40	40.75 2.51 0.00	42.48 2.37 0.00	42.16 2.56 0.00	45.78 2.89 0.00	46.24 3.04 0.00	53.22 3.63 0.00	51.34 3.81 9.38	56.17 3.63 0.15	86.24 6.12 9.67	371.24 23.78 41.56	224.59 12.02 1.95	53.08 2.60 -4.54	54.14 2.44 -7.03	53.34 2.63 -1.72	44.34 2.79 0.00	39.22 2.25 -1.73
GLOBAL GREEN_PORT_GT1 23814	28.40 1.14 0.00	35.77 1.51 -0.45	28.72 1.23 0.00	29.49 1.28 0.00	28.85 1.37 0.00	30.40 1.74 0.00	37.43 2.27 -5.08	44.03 2.42 -10.40	40.94 2.71 0.00	42.84 2.73 0.00	42.54 2.95 0.00	46.37 3.47 0.00	46.81 3.61 0.00	54.28 4.69 0.00	55.79 4.90 6.03	57.34 4.71 0.06	74.32 6.75 22.23	330.68 21.68 80.01	223.17 9.40 0.76	50.63 2.00 -2.69	54.44 2.73 -7.03	53.43 2.72 -1.72	44.14 2.58 0.00	38.83 1.86 -1.73
GLOBE___DSASP 323697	27.68 0.41 0.00	33.92 0.11 0.00	27.31 -0.18 0.00	27.93 -0.28 0.00	27.19 -0.30 0.00	27.87 -0.78 0.00	28.75 -1.34 0.00	29.33 -1.88 0.00	36.84 -1.40 0.00	39.15 -0.96 0.00	39.42 -0.17 0.00	43.25 0.36 0.00	43.79 0.59 0.00	50.54 0.95 0.00	57.83 0.91 0.00	53.78 1.08 0.00	91.85 2.06 0.00	393.77 4.76 0.00	216.67 2.15 0.00	46.62 0.68 0.00	44.89 0.21 0.00	49.15 0.16 0.00	42.44 0.89 0.00	36.57 1.32 0.00
GOETHSLN___LBMP 323567	28.53 1.27 0.00	35.63 1.37 -0.45	28.63 1.14 0.00	29.40 1.19 0.00	28.75 1.26 0.00	30.07 1.42 0.00	32.88 1.64 -1.16	43.42 1.90 -10.30	40.33 2.10 0.00	42.11 2.00 0.00	41.67 2.08 0.00	45.21 2.32 0.00	45.59 2.39 0.00	52.37 2.78 0.00	60.00 3.08 0.00	55.61 2.92 0.00	94.81 5.02 0.00	408.22 19.20 0.00	223.84 9.31 0.00	53.95 2.04 -5.98	53.63 1.92 -7.04	52.76 2.05 -1.72	43.54 1.99 0.00	38.69 1.74 -1.71
GOLAH___69_KV_TB 1_2 80279	28.61 1.34 0.00	35.13 1.32 0.00	28.26 0.77 0.00	28.91 0.70 0.00	28.16 0.68 0.00	29.09 0.44 0.00	30.28 0.19 0.00	31.17 -0.04 0.00	38.80 0.56 0.00	41.05 0.95 0.00	41.17 1.58 0.00	45.07 2.18 0.00	45.86 2.66 0.00	53.30 3.71 0.00	61.05 4.13 0.00	56.70 4.01 0.00	96.93 7.13 0.00	416.84 27.82 0.00	230.33 15.80 0.00	49.36 3.42 0.00	47.80 3.12 0.00	52.30 3.31 0.00	44.54 2.99 0.00	37.88 2.63 0.00

GOODYEAR_LAKE_HYD 323669	28.33 1.07 0.00	35.03 1.22 0.00	28.46 0.97 0.00	29.26 1.05 0.00	28.53 1.04 0.00	29.74 1.09 0.00	31.29 1.21 0.00	32.45 1.24 0.00	39.86 1.62 0.00	41.86 1.75 0.00	41.46 1.87 0.00	45.05 2.16 0.00	45.37 2.18 0.00	52.15 2.56 0.00	59.82 2.90 0.00	55.44 2.74 0.00	94.55 4.76 0.00	408.62 19.61 0.00	225.13 10.61 0.00	67.41 2.34 -19.13	69.40 2.20 -22.52	56.89 2.39 -5.50	43.56 2.01 0.00	36.87 1.62 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	27.70 0.43 0.00	34.25 0.44 0.00	27.81 0.32 0.00	28.60 0.38 0.00	27.86 0.37 0.00	29.02 0.38 0.00	30.50 0.41 0.00	31.62 0.40 0.00	39.19 0.77 -0.18	41.21 0.83 -0.27	40.56 0.94 -0.03	44.43 1.32 -0.21	44.73 1.30 -0.24	51.98 1.70 -0.69	60.04 1.92 -1.20	55.32 1.71 -0.91	94.79 3.37 -1.63	404.66 12.76 -2.89	223.61 6.25 -2.83	50.26 1.42 -2.90	49.20 1.27 -3.26	51.97 1.49 -1.49	43.01 1.32 -0.14	36.39 1.14 0.00
GOUDEY___7 23579	27.73 0.46 0.00	34.28 0.47 0.00	27.83 0.34 0.00	28.62 0.41 0.00	27.88 0.39 0.00	29.05 0.40 0.00	30.53 0.44 0.00	31.65 0.43 0.00	39.22 0.81 -0.18	41.27 0.89 -0.27	40.61 0.99 -0.03	44.49 1.38 -0.21	44.80 1.37 -0.24	52.04 1.76 -0.69	60.15 2.02 -1.20	55.40 1.79 -0.91	94.93 3.51 -1.63	405.22 13.31 -2.89	223.94 6.58 -2.83	50.34 1.49 -2.90	49.26 1.33 -3.26	52.03 1.54 -1.49	43.06 1.36 -0.14	36.43 1.19 0.00
GOUDEY___8 23580	27.70 0.43 0.00	34.25 0.44 0.00	27.81 0.32 0.00	28.60 0.38 0.00	27.86 0.37 0.00	29.02 0.38 0.00	30.50 0.41 0.00	31.62 0.40 0.00	39.19 0.77 -0.18	41.21 0.83 -0.27	40.56 0.94 -0.03	44.43 1.32 -0.21	44.73 1.30 -0.24	51.98 1.70 -0.69	60.04 1.92 -1.20	55.32 1.71 -0.91	94.79 3.37 -1.63	404.66 12.76 -2.89	223.61 6.25 -2.83	50.26 1.42 -2.90	49.20 1.27 -3.26	51.97 1.49 -1.49	43.01 1.32 -0.14	36.39 1.14 0.00
GOWANUS_GT1_1 24077	29.93 1.59 -1.07	36.01 1.75 -0.45	28.92 1.43 0.00	29.68 1.47 0.00	29.01 1.52 0.00	30.36 1.71 0.00	33.23 1.99 -1.16	43.79 2.27 -10.31	40.82 2.58 0.00	42.63 2.52 0.00	42.25 2.65 0.00	45.86 2.97 0.00	46.29 3.10 0.00	53.13 3.55 0.00	60.75 3.83 0.00	56.28 3.58 -0.01	95.95 6.15 0.00	412.62 23.61 0.00	226.52 11.99 0.00	63.25 2.62 -14.68	54.19 2.48 -7.04	53.44 2.73 -1.72	44.18 2.63 0.00	39.23 2.21 -1.77
GOWANUS_GT1_2 24078	29.93 1.59 -1.07	36.01 1.75 -0.45	28.92 1.43 0.00	29.68 1.47 0.00	29.01 1.52 0.00	30.36 1.71 0.00	33.23 1.99 -1.16	43.79 2.27 -10.31	40.82 2.58 0.00	42.63 2.52 0.00	42.25 2.65 0.00	45.86 2.97 0.00	46.29 3.10 0.00	53.13 3.55 0.00	60.75 3.83 0.00	56.28 3.58 -0.01	95.95 6.15 0.00	412.62 23.61 0.00	226.52 11.99 0.00	63.25 2.62 -14.68	54.19 2.48 -7.04	53.44 2.73 -1.72	44.18 2.63 0.00	39.23 2.21 -1.77
GOWANUS_GT1_3 24079	29.93 1.59 -1.07	36.01 1.75 -0.45	28.92 1.43 0.00	29.68 1.47 0.00	29.01 1.52 0.00	30.36 1.71 0.00	33.23 1.99 -1.16	43.79 2.27 -10.31	40.82 2.58 0.00	42.63 2.52 0.00	42.25 2.65 0.00	45.86 2.97 0.00	46.29 3.10 0.00	53.13 3.55 0.00	60.75 3.83 0.00	56.28 3.58 -0.01	95.95 6.15 0.00	412.62 23.61 0.00	226.52 11.99 0.00	63.25 2.62 -14.68	54.19 2.48 -7.04	53.44 2.73 -1.72	44.18 2.63 0.00	39.23 2.21 -1.77
GOWANUS_GT1_4 24080	29.93 1.59 -1.07	36.01 1.75 -0.45	28.92 1.43 0.00	29.68 1.47 0.00	29.01 1.52 0.00	30.36 1.71 0.00	33.23 1.99 -1.16	43.79 2.27 -10.31	40.82 2.58 0.00	42.63 2.52 0.00	42.25 2.65 0.00	45.86 2.97 0.00	46.29 3.10 0.00	53.13 3.55 0.00	60.75 3.83 0.00	56.28 3.58 -0.01	95.95 6.15 0.00	412.62 23.61 0.00	226.52 11.99 0.00	63.25 2.62 -14.68	54.19 2.48 -7.04	53.44 2.73 -1.72	44.18 2.63 0.00	39.23 2.21 -1.77
GOWANUS_GT1_5 24084	29.93 1.59 -1.07	36.01 1.75 -0.45	28.92 1.43 0.00	29.68 1.47 0.00	29.01 1.52 0.00	30.36 1.71 0.00	33.23 1.99 -1.16	43.79 2.27 -10.31	40.82 2.58 0.00	42.63 2.52 0.00	42.25 2.65 0.00	45.86 2.97 0.00	46.29 3.10 0.00	53.13 3.55 0.00	60.75 3.83 0.00	56.28 3.58 -0.01	95.95 6.15 0.00	412.62 23.61 0.00	226.52 11.99 0.00	63.25 2.62 -14.68	54.19 2.48 -7.04	53.44 2.73 -1.72	44.18 2.63 0.00	39.23 2.21 -1.77
GOWANUS_GT1_6 24111	29.93 1.59 -1.07	36.01 1.75 -0.45	28.92 1.43 0.00	29.68 1.47 0.00	29.01 1.52 0.00	30.36 1.71 0.00	33.23 1.99 -1.16	43.79 2.27 -10.31	40.82 2.58 0.00	42.63 2.52 0.00	42.25 2.65 0.00	45.86 2.97 0.00	46.29 3.10 0.00	53.13 3.55 0.00	60.75 3.83 0.00	56.28 3.58 -0.01	95.95 6.15 0.00	412.62 23.61 0.00	226.52 11.99 0.00	63.25 2.62 -14.68	54.19 2.48 -7.04	53.44 2.73 -1.72	44.18 2.63 0.00	39.23 2.21 -1.77
GOWANUS_GT1_7 24112	29.93 1.59 -1.07	36.01 1.75 -0.45	28.92 1.43 0.00	29.68 1.47 0.00	29.01 1.52 0.00	30.36 1.71 0.00	33.23 1.99 -1.16	43.79 2.27 -10.31	40.82 2.58 0.00	42.63 2.52 0.00	42.25 2.65 0.00	45.86 2.97 0.00	46.29 3.10 0.00	53.13 3.55 0.00	60.75 3.83 0.00	56.28 3.58 -0.01	95.95 6.15 0.00	412.62 23.61 0.00	226.52 11.99 0.00	63.25 2.62 -14.68	54.19 2.48 -7.04	53.44 2.73 -1.72	44.18 2.63 0.00	39.23 2.21 -1.77
GOWANUS_GT1_8 24113	29.93 1.59 -1.07	36.01 1.75 -0.45	28.92 1.43 0.00	29.68 1.47 0.00	29.01 1.52 0.00	30.36 1.71 0.00	33.23 1.99 -1.16	43.79 2.27 -10.31	40.82 2.58 0.00	42.63 2.52 0.00	42.25 2.65 0.00	45.86 2.97 0.00	46.29 3.10 0.00	53.13 3.55 0.00	60.75 3.83 0.00	56.28 3.58 -0.01	95.95 6.15 0.00	412.62 23.61 0.00	226.52 11.99 0.00	63.25 2.62 -14.68	54.19 2.48 -7.04	53.44 2.73 -1.72	44.18 2.63 0.00	39.23 2.21 -1.77
GOWANUS_GT2_1 24114	29.93 1.59 -1.07	36.01 1.75 -0.45	28.92 1.43 0.00	29.68 1.47 0.00	29.01 1.52 0.00	30.36 1.71 0.00	33.23 1.99 -1.16	43.79 2.26 -10.31	40.81 2.57 0.00	42.63 2.53 0.00	42.25 2.66 0.00	45.86 2.97 0.00	46.30 3.10 0.00	53.14 3.55 0.00	60.74 3.82 0.00	56.28 3.58 -0.01	95.96 6.16 0.00	412.62 23.61 0.00	226.52 11.98 0.00	63.25 2.62 -14.68	54.19 2.48 -7.04	53.44 2.73 -1.72	44.18 2.63 0.00	39.23 2.22 -1.77
GOWANUS_GT2_2 24115	29.93 1.59 -1.07	36.01 1.75 -0.45	28.92 1.43 0.00	29.68 1.47 0.00	29.01 1.52 0.00	30.36 1.71 0.00	33.23 1.99 -1.16	43.79 2.26 -10.31	40.81 2.57 0.00	42.63 2.53 0.00	42.25 2.66 0.00	45.86 2.97 0.00	46.30 3.10 0.00	53.14 3.55 0.00	60.74 3.82 0.00	56.28 3.58 -0.01	95.96 6.16 0.00	412.62 23.61 0.00	226.52 11.98 0.00	63.25 2.62 -14.68	54.19 2.48 -7.04	53.44 2.73 -1.72	44.18 2.63 0.00	39.23 2.22 -1.77
GOWANUS_GT2_3 24116	29.93 1.59 -1.07	36.01 1.75 -0.45	28.92 1.43 0.00	29.68 1.47 0.00	29.01 1.52 0.00	30.36 1.71 0.00	33.23 1.99 -1.16	43.79 2.26 -10.31	40.81 2.57 0.00	42.63 2.53 0.00	42.25 2.66 0.00	45.86 2.97 0.00	46.30 3.10 0.00	53.14 3.55 0.00	60.74 3.82 0.00	56.28 3.58 -0.01	95.96 6.16 0.00	412.62 23.61 0.00	226.52 11.98 0.00	63.25 2.62 -14.68	54.19 2.48 -7.04	53.44 2.73 -1.72	44.18 2.63 0.00	39.23 2.22 -1.77

GOWANUS_GT2_4 24117	29.93 1.59 -1.07	36.01 1.75 -0.45	28.92 1.43 0.00	29.68 1.47 0.00	29.01 1.52 0.00	30.36 1.71 0.00	33.23 1.99 -1.16	43.79 2.26 -10.31	40.81 2.57 0.00	42.63 2.53 0.00	42.25 2.66 0.00	45.86 2.97 0.00	46.30 3.10 0.00	53.14 3.55 0.00	60.74 3.82 0.00	56.28 3.58 -0.01	95.96 6.16 0.00	412.62 23.61 0.00	226.52 11.98 0.00	63.25 2.62 -14.68	54.19 2.48 -7.04	53.44 2.73 -1.72	44.18 2.63 0.00	39.23 2.22 -1.77
GOWANUS_GT2_5 24118	29.93 1.59 -1.07	36.01 1.75 -0.45	28.92 1.43 0.00	29.68 1.47 0.00	29.01 1.52 0.00	30.36 1.71 0.00	33.23 1.99 -1.16	43.79 2.26 -10.31	40.81 2.57 0.00	42.63 2.53 0.00	42.25 2.66 0.00	45.86 2.97 0.00	46.30 3.10 0.00	53.14 3.55 0.00	60.74 3.82 0.00	56.28 3.58 -0.01	95.96 6.16 0.00	412.62 23.61 0.00	226.52 11.98 0.00	63.25 2.62 -14.68	54.19 2.48 -7.04	53.44 2.73 -1.72	44.18 2.63 0.00	39.23 2.22 -1.77
GOWANUS_GT2_6 24119	29.93 1.59 -1.07	36.01 1.75 -0.45	28.92 1.43 0.00	29.68 1.47 0.00	29.01 1.52 0.00	30.36 1.71 0.00	33.23 1.99 -1.16	43.79 2.26 -10.31	40.81 2.57 0.00	42.63 2.53 0.00	42.25 2.66 0.00	45.86 2.97 0.00	46.30 3.10 0.00	53.14 3.55 0.00	60.74 3.82 0.00	56.28 3.58 -0.01	95.96 6.16 0.00	412.62 23.61 0.00	226.52 11.98 0.00	63.25 2.62 -14.68	54.19 2.48 -7.04	53.44 2.73 -1.72	44.18 2.63 0.00	39.23 2.22 -1.77
GOWANUS_GT2_7 24120	29.93 1.59 -1.07	36.01 1.75 -0.45	28.92 1.43 0.00	29.68 1.47 0.00	29.01 1.52 0.00	30.36 1.71 0.00	33.23 1.99 -1.16	43.79 2.26 -10.31	40.81 2.57 0.00	42.63 2.53 0.00	42.25 2.66 0.00	45.86 2.97 0.00	46.30 3.10 0.00	53.14 3.55 0.00	60.74 3.82 0.00	56.28 3.58 -0.01	95.96 6.16 0.00	412.62 23.61 0.00	226.52 11.98 0.00	63.25 2.62 -14.68	54.19 2.48 -7.04	53.44 2.73 -1.72	44.18 2.63 0.00	39.23 2.22 -1.77
GOWANUS_GT2_8 24121	29.93 1.59 -1.07	36.01 1.75 -0.45	28.92 1.43 0.00	29.68 1.47 0.00	29.01 1.52 0.00	30.36 1.71 0.00	33.23 1.99 -1.16	43.79 2.26 -10.31	40.81 2.57 0.00	42.63 2.53 0.00	42.25 2.66 0.00	45.86 2.97 0.00	46.30 3.10 0.00	53.14 3.55 0.00	60.74 3.82 0.00	56.28 3.58 -0.01	95.96 6.16 0.00	412.62 23.61 0.00	226.52 11.98 0.00	63.25 2.62 -14.68	54.19 2.48 -7.04	53.44 2.73 -1.72	44.18 2.63 0.00	39.23 2.22 -1.77
GOWANUS_GT3_1 24122	29.93 1.59 -1.07	36.01 1.75 -0.45	28.92 1.43 0.00	29.68 1.47 0.00	29.01 1.52 0.00	30.36 1.71 0.00	33.23 1.99 -1.16	43.79 2.26 -10.31	40.81 2.57 0.00	42.63 2.53 0.00	42.25 2.66 0.00	45.86 2.97 0.00	46.30 3.10 0.00	53.14 3.55 0.00	60.74 3.82 0.00	56.28 3.58 -0.01	95.96 6.16 0.00	412.62 23.61 0.00	226.52 11.98 0.00	63.25 2.62 -14.68	54.19 2.48 -7.04	53.44 2.73 -1.72	44.18 2.63 0.00	39.23 2.22 -1.77
GOWANUS_GT3_2 24123	29.93 1.59 -1.07	36.01 1.75 -0.45	28.92 1.43 0.00	29.68 1.47 0.00	29.01 1.52 0.00	30.36 1.71 0.00	33.23 1.99 -1.16	43.79 2.26 -10.31	40.81 2.57 0.00	42.63 2.53 0.00	42.25 2.66 0.00	45.86 2.97 0.00	46.30 3.10 0.00	53.14 3.55 0.00	60.74 3.82 0.00	56.28 3.58 -0.01	95.96 6.16 0.00	412.62 23.61 0.00	226.52 11.98 0.00	63.25 2.62 -14.68	54.19 2.48 -7.04	53.44 2.73 -1.72	44.18 2.63 0.00	39.23 2.22 -1.77
GOWANUS_GT3_3 24124	29.93 1.59 -1.07	36.01 1.75 -0.45	28.92 1.43 0.00	29.68 1.47 0.00	29.01 1.52 0.00	30.36 1.71 0.00	33.23 1.99 -1.16	43.79 2.26 -10.31	40.81 2.57 0.00	42.63 2.53 0.00	42.25 2.66 0.00	45.86 2.97 0.00	46.30 3.10 0.00	53.14 3.55 0.00	60.74 3.82 0.00	56.28 3.58 -0.01	95.96 6.16 0.00	412.62 23.61 0.00	226.52 11.98 0.00	63.25 2.62 -14.68	54.19 2.48 -7.04	53.44 2.73 -1.72	44.18 2.63 0.00	39.23 2.22 -1.77
GOWANUS_GT3_4 24125	29.93 1.59 -1.07	36.01 1.75 -0.45	28.92 1.43 0.00	29.68 1.47 0.00	29.01 1.52 0.00	30.36 1.71 0.00	33.23 1.99 -1.16	43.79 2.26 -10.31	40.81 2.57 0.00	42.63 2.53 0.00	42.25 2.66 0.00	45.86 2.97 0.00	46.30 3.10 0.00	53.14 3.55 0.00	60.74 3.82 0.00	56.28 3.58 -0.01	95.96 6.16 0.00	412.62 23.61 0.00	226.52 11.98 0.00	63.25 2.62 -14.68	54.19 2.48 -7.04	53.44 2.73 -1.72	44.18 2.63 0.00	39.23 2.22 -1.77
GOWANUS_GT3_5 24126	29.93 1.59 -1.07	36.01 1.75 -0.45	28.92 1.43 0.00	29.68 1.47 0.00	29.01 1.52 0.00	30.36 1.71 0.00	33.23 1.99 -1.16	43.79 2.26 -10.31	40.81 2.57 0.00	42.63 2.53 0.00	42.25 2.66 0.00	45.86 2.97 0.00	46.30 3.10 0.00	53.14 3.55 0.00	60.74 3.82 0.00	56.28 3.58 -0.01	95.96 6.16 0.00	412.62 23.61 0.00	226.52 11.98 0.00	63.25 2.62 -14.68	54.19 2.48 -7.04	53.44 2.73 -1.72	44.18 2.63 0.00	39.23 2.22 -1.77
GOWANUS_GT3_6 24127	29.93 1.59 -1.07	36.01 1.75 -0.45	28.92 1.43 0.00	29.68 1.47 0.00	29.01 1.52 0.00	30.36 1.71 0.00	33.23 1.99 -1.16	43.79 2.26 -10.31	40.81 2.57 0.00	42.63 2.53 0.00	42.25 2.66 0.00	45.86 2.97 0.00	46.30 3.10 0.00	53.14 3.55 0.00	60.74 3.82 0.00	56.28 3.58 -0.01	95.96 6.16 0.00	412.62 23.61 0.00	226.52 11.98 0.00	63.25 2.62 -14.68	54.19 2.48 -7.04	53.44 2.73 -1.72	44.18 2.63 0.00	39.23 2.22 -1.77
GOWANUS_GT3_7 24128	29.93 1.59 -1.07	36.01 1.75 -0.45	28.92 1.43 0.00	29.68 1.47 0.00	29.01 1.52 0.00	30.36 1.71 0.00	33.23 1.99 -1.16	43.79 2.26 -10.31	40.81 2.57 0.00	42.63 2.53 0.00	42.25 2.66 0.00	45.86 2.97 0.00	46.30 3.10 0.00	53.14 3.55 0.00	60.74 3.82 0.00	56.28 3.58 -0.01	95.96 6.16 0.00	412.62 23.61 0.00	226.52 11.98 0.00	63.25 2.62 -14.68	54.19 2.48 -7.04	53.44 2.73 -1.72	44.18 2.63 0.00	39.23 2.22 -1.77
GOWANUS_GT3_8 24129	29.93 1.59 -1.07	36.01 1.75 -0.45	28.92 1.43 0.00	29.68 1.47 0.00	29.01 1.52 0.00	30.36 1.71 0.00	33.23 1.99 -1.16	43.79 2.26 -10.31	40.81 2.57 0.00	42.63 2.53 0.00	42.25 2.66 0.00	45.86 2.97 0.00	46.30 3.10 0.00	53.14 3.55 0.00	60.74 3.82 0.00	56.28 3.58 -0.01	95.96 6.16 0.00	412.62 23.61 0.00	226.52 11.98 0.00	63.25 2.62 -14.68	54.19 2.48 -7.04	53.44 2.73 -1.72	44.18 2.63 0.00	39.23 2.22 -1.77
GOWANUS_GT4_1 24130	29.93 1.59 -1.07	36.01 1.75 -0.45	28.92 1.43 0.00	29.68 1.47 0.00	29.01 1.52 0.00	30.36 1.71 0.00	33.23 1.99 -1.16	43.79 2.27 -10.31	40.82 2.58 0.00	42.63 2.52 0.00	42.25 2.65 0.00	45.86 2.97 0.00	46.29 3.10 0.00	53.13 3.55 0.00	60.75 3.83 0.00	56.28 3.58 -0.01	95.95 6.15 0.00	412.62 23.61 0.00	226.52 11.99 0.00	63.25 2.62 -14.68	54.19 2.48 -7.04	53.44 2.73 -1.72	44.18 2.63 0.00	39.23 2.21 -1.77
GOWANUS_GT4_2 24131	29.93 1.59 -1.07	36.01 1.75 -0.45	28.92 1.43 0.00	29.68 1.47 0.00	29.01 1.52 0.00	30.36 1.71 0.00	33.23 1.99 -1.16	43.79 2.27 -10.31	40.82 2.58 0.00	42.63 2.52 0.00	42.25 2.65 0.00	45.86 2.97 0.00	46.29 3.10 0.00	53.13 3.55 0.00	60.75 3.83 0.00	56.28 3.58 -0.01	95.95 6.15 0.00	412.62 23.61 0.00	226.52 11.99 0.00	63.25 2.62 -14.68	54.19 2.48 -7.04	53.44 2.73 -1.72	44.18 2.63 0.00	39.23 2.21 -1.77

GOWANUS_GT4_3 24132	29.93 1.59 -1.07	36.01 1.75 -0.45	28.92 1.43 0.00	29.68 1.47 0.00	29.01 1.52 0.00	30.36 1.71 0.00	33.23 1.99 -1.16	43.79 2.27 -10.31	40.82 2.58 0.00	42.63 2.52 0.00	42.25 2.65 0.00	45.86 2.97 0.00	46.29 3.10 0.00	53.13 3.55 0.00	60.75 3.83 0.00	56.28 3.58 -0.01	95.95 6.15 0.00	412.62 23.61 0.00	226.52 11.99 0.00	63.25 2.62 -14.68	54.19 2.48 -7.04	53.44 2.73 -1.72	44.18 2.63 0.00	39.23 2.21 -1.77
GOWANUS_GT4_4 24133	29.93 1.59 -1.07	36.01 1.75 -0.45	28.92 1.43 0.00	29.68 1.47 0.00	29.01 1.52 0.00	30.36 1.71 0.00	33.23 1.99 -1.16	43.79 2.27 -10.31	40.82 2.58 0.00	42.63 2.52 0.00	42.25 2.65 0.00	45.86 2.97 0.00	46.29 3.10 0.00	53.13 3.55 0.00	60.75 3.83 0.00	56.28 3.58 -0.01	95.95 6.15 0.00	412.62 23.61 0.00	226.52 11.99 0.00	63.25 2.62 -14.68	54.19 2.48 -7.04	53.44 2.73 -1.72	44.18 2.63 0.00	39.23 2.21 -1.77
GOWANUS_GT4_5 24134	29.93 1.59 -1.07	36.01 1.75 -0.45	28.92 1.43 0.00	29.68 1.47 0.00	29.01 1.52 0.00	30.36 1.71 0.00	33.23 1.99 -1.16	43.79 2.27 -10.31	40.82 2.58 0.00	42.63 2.52 0.00	42.25 2.65 0.00	45.86 2.97 0.00	46.29 3.10 0.00	53.13 3.55 0.00	60.75 3.83 0.00	56.28 3.58 -0.01	95.95 6.15 0.00	412.62 23.61 0.00	226.52 11.99 0.00	63.25 2.62 -14.68	54.19 2.48 -7.04	53.44 2.73 -1.72	44.18 2.63 0.00	39.23 2.21 -1.77
GOWANUS_GT4_6 24135	29.93 1.59 -1.07	36.01 1.75 -0.45	28.92 1.43 0.00	29.68 1.47 0.00	29.01 1.52 0.00	30.36 1.71 0.00	33.23 1.99 -1.16	43.79 2.27 -10.31	40.82 2.58 0.00	42.63 2.52 0.00	42.25 2.65 0.00	45.86 2.97 0.00	46.29 3.10 0.00	53.13 3.55 0.00	60.75 3.83 0.00	56.28 3.58 -0.01	95.95 6.15 0.00	412.62 23.61 0.00	226.52 11.99 0.00	63.25 2.62 -14.68	54.19 2.48 -7.04	53.44 2.73 -1.72	44.18 2.63 0.00	39.23 2.21 -1.77
GOWANUS_GT4_7 24136	29.93 1.59 -1.07	36.01 1.75 -0.45	28.92 1.43 0.00	29.68 1.47 0.00	29.01 1.52 0.00	30.36 1.71 0.00	33.23 1.99 -1.16	43.79 2.27 -10.31	40.82 2.58 0.00	42.63 2.52 0.00	42.25 2.65 0.00	45.86 2.97 0.00	46.29 3.10 0.00	53.13 3.55 0.00	60.75 3.83 0.00	56.28 3.58 -0.01	95.95 6.15 0.00	412.62 23.61 0.00	226.52 11.99 0.00	63.25 2.62 -14.68	54.19 2.48 -7.04	53.44 2.73 -1.72	44.18 2.63 0.00	39.23 2.21 -1.77
GOWANUS_GT4_8 24137	29.93 1.59 -1.07	36.01 1.75 -0.45	28.92 1.43 0.00	29.68 1.47 0.00	29.01 1.52 0.00	30.36 1.71 0.00	33.23 1.99 -1.16	43.79 2.27 -10.31	40.82 2.58 0.00	42.63 2.52 0.00	42.25 2.65 0.00	45.86 2.97 0.00	46.29 3.10 0.00	53.13 3.55 0.00	60.75 3.83 0.00	56.28 3.58 -0.01	95.95 6.15 0.00	412.62 23.61 0.00	226.52 11.99 0.00	63.25 2.62 -14.68	54.19 2.48 -7.04	53.44 2.73 -1.72	44.18 2.63 0.00	39.23 2.21 -1.77
GREENBSH_115KV_TB3 55895	27.58 0.32 0.00	34.27 0.38 -0.07	27.90 0.41 0.00	28.64 0.43 0.00	27.95 0.47 0.00	29.11 0.45 0.00	30.86 0.58 -0.19	33.48 0.55 -1.71	38.68 0.45 0.00	40.55 0.45 0.00	40.03 0.44 0.00	43.54 0.65 0.00	43.84 0.64 0.00	50.19 0.60 0.00	57.57 0.65 0.00	53.29 0.59 0.00	90.99 1.20 0.00	395.47 6.46 0.00	218.52 3.99 0.00	83.09 1.03 -36.12	88.20 1.00 -42.52	60.42 1.05 -10.39	42.39 0.84 0.00	36.26 0.73 -0.28
GREENIDGE_115KV_TB5 80291	28.12 0.85 0.00	34.61 0.79 0.00	28.09 0.60 0.00	28.78 0.57 0.00	28.06 0.57 0.00	29.06 0.41 0.00	30.45 0.37 0.00	31.44 0.23 0.00	39.25 0.87 -0.15	41.35 1.03 -0.22	40.93 1.32 -0.03	44.85 1.78 -0.18	45.27 1.87 -0.20	52.69 2.52 -0.58	60.85 2.91 -1.01	56.60 3.13 -0.77	95.96 4.79 -1.38	406.93 15.48 -2.44	225.57 8.66 -2.39	48.61 2.32 -0.35	47.27 2.31 -0.28	52.17 2.53 -0.66	43.79 2.12 -0.12	37.03 1.78 0.00
GREENIDGE___3 23582	28.12 0.85 0.00	34.61 0.79 0.00	28.09 0.60 0.00	28.78 0.57 0.00	28.06 0.57 0.00	29.06 0.41 0.00	30.45 0.37 0.00	31.44 0.23 0.00	39.25 0.87 -0.15	41.35 1.03 -0.22	40.93 1.32 -0.03	44.85 1.78 -0.18	45.27 1.87 -0.20	52.69 2.52 -0.58	60.85 2.91 -1.01	56.60 3.13 -0.77	95.96 4.79 -1.38	406.93 15.48 -2.44	225.57 8.66 -2.39	48.61 2.32 -0.35	47.27 2.31 -0.28	52.17 2.53 -0.66	43.79 2.12 -0.12	37.03 1.78 0.00
GREENIDGE___4 23583	28.12 0.85 0.00	34.61 0.79 0.00	28.09 0.60 0.00	28.79 0.57 0.00	28.05 0.56 0.00	29.06 0.41 0.00	30.45 0.37 0.00	31.44 0.23 0.00	39.25 0.87 -0.15	41.35 1.02 -0.22	40.93 1.31 -0.03	44.83 1.76 -0.18	45.27 1.87 -0.20	52.69 2.52 -0.58	60.85 2.92 -1.01	56.60 3.13 -0.77	95.92 4.75 -1.38	406.84 15.39 -2.44	225.57 8.65 -2.39	48.60 2.31 -0.35	47.26 2.31 -0.28	52.17 2.53 -0.66	43.79 2.12 -0.12	37.02 1.78 0.00
GREENLWN_69_KV_BK 3 55738	28.53 1.26 0.00	35.93 1.67 -0.45	28.90 1.41 0.00	29.65 1.44 0.00	29.00 1.51 0.00	30.41 1.76 0.00	37.21 2.05 -5.08	43.67 2.06 -10.40	40.10 1.86 0.00	41.59 1.49 0.00	41.26 1.67 0.00	45.21 2.32 0.00	45.67 2.47 0.00	52.57 2.98 0.00	53.17 2.65 6.40	55.05 2.42 0.07	72.29 4.30 21.81	326.61 16.61 79.01	222.05 8.38 0.86	50.49 1.80 -2.75	53.37 1.66 -7.03	52.46 1.74 -1.72	43.40 1.85 0.00	38.47 1.50 -1.73
GREENWD_138_KV_38B11_REV_LBMP_J 345004	29.93 1.59 -1.07	36.01 1.75 -0.45	28.92 1.43 0.00	29.68 1.47 0.00	29.01 1.52 0.00	30.36 1.71 0.00	33.23 1.99 -1.16	43.79 2.27 -10.31	40.82 2.58 0.00	42.63 2.52 0.00	42.25 2.65 0.00	45.86 2.97 0.00	46.29 3.10 0.00	53.13 3.55 0.00	60.75 3.83 0.00	56.28 3.58 -0.01	95.95 6.15 0.00	412.62 23.61 0.00	226.52 11.99 0.00	63.25 2.62 -14.68	54.19 2.48 -7.04	53.44 2.73 -1.72	44.18 2.63 0.00	39.23 2.21 -1.77
GRISSOM___SOLAR 323813	30.02 2.75 0.00	37.15 3.33 0.00	30.10 2.61 0.00	30.99 2.78 0.00	30.16 2.67 0.00	31.54 2.89 0.00	33.13 3.04 0.00	34.03 2.82 0.00	40.76 2.52 0.00	40.71 0.60 0.00	40.96 1.37 0.00	43.48 0.58 0.00	43.27 0.08 0.00	51.38 1.79 0.00	58.10 1.19 0.00	55.26 2.56 0.00	95.77 5.98 0.00	416.19 27.18 0.00	243.99 29.46 0.00	114.42 6.74 -61.75	124.04 6.67 -72.70	73.89 7.14 -17.76	47.18 5.63 0.00	39.73 4.48 0.00
GROVEVILLE___HYD 323602	28.71 1.45 0.00	35.44 1.63 0.00	28.83 1.34 0.00	29.59 1.37 0.00	28.91 1.42 0.00	30.21 1.56 0.00	31.88 1.79 0.00	33.22 2.01 0.00	40.51 2.27 0.00	42.43 2.32 0.00	42.00 2.40 0.00	45.63 2.74 0.00	46.02 2.82 0.00	52.90 3.32 0.00	60.76 3.84 0.00	56.43 3.74 0.00	96.42 6.63 0.00	416.84 27.83 0.00	229.17 14.64 0.00	55.32 3.12 -6.26	54.92 2.87 -7.36	53.83 3.04 -1.80	44.20 2.65 0.00	37.42 2.18 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	27.42 0.16 0.00	34.00 0.19 0.00	27.61 0.12 0.00	28.35 0.13 0.00	27.61 0.12 0.00	28.73 0.09 0.00	30.12 0.04 0.00	31.17 -0.05 0.00	38.82 0.10 -0.48	41.04 0.21 -0.73	40.06 0.38 -0.08	44.14 0.67 -0.58	44.62 0.77 -0.65	52.50 1.05 -1.86	61.44 1.28 -3.24	56.46 1.30 -2.46	96.69 2.47 -4.43	406.12 9.32 -7.79	226.59 4.44 -7.62	48.07 1.02 -1.11	46.54 0.98 -0.89	52.06 1.00 -2.07	42.76 0.83 -0.37	35.89 0.64 0.00

HAMLTNNY_34_KV_TB 80303	27.54 0.28 0.00	34.13 0.31 0.00	27.68 0.19 0.00	28.44 0.23 0.00	27.69 0.20 0.00	28.81 0.15 0.00	30.19 0.11 0.00	31.24 0.03 0.00	38.96 0.23 -0.50	41.19 0.34 -0.74	40.18 0.50 -0.09	44.35 0.86 -0.59	44.79 0.93 -0.66	52.78 1.28 -1.91	61.78 1.54 -3.32	56.81 1.59 -2.52	97.37 3.07 -4.51	408.59 11.60 -7.98	228.06 5.72 -7.81	48.42 1.34 -1.14	46.80 1.21 -0.91	52.34 1.22 -2.12	42.97 1.04 -0.38	36.03 0.78 0.00
HAMPSHIRE___PAPER_HYD 323593	27.22 -0.05 0.00	33.63 -0.18 0.00	27.30 -0.19 0.00	27.99 -0.22 0.00	27.23 -0.25 0.00	28.46 -0.19 0.00	29.79 -0.30 0.00	30.99 -0.22 0.00	38.21 -0.19 -0.16	40.13 -0.22 -0.24	39.16 -0.46 -0.03	42.45 -0.63 -0.19	42.77 -0.65 -0.22	49.62 -0.59 -0.62	57.47 -0.53 -1.08	53.17 -0.35 -0.82	90.72 -0.54 -1.46	393.09 1.48 -2.60	218.03 0.95 -2.55	49.54 -0.01 -3.61	45.29 0.31 -0.30	50.44 0.75 -0.69	41.83 0.15 -0.13	35.13 -0.12 0.00
HARDSCRABBLE_WT_PWR 323673	27.67 0.40 0.00	34.30 0.49 0.00	27.93 0.45 0.00	28.69 0.47 0.00	27.98 0.49 0.00	29.18 0.52 0.00	30.78 0.69 0.00	31.80 0.59 0.00	38.59 0.36 0.00	40.26 0.15 0.00	39.94 0.34 0.00	43.38 0.49 0.00	43.69 0.49 0.00	50.14 0.55 0.00	57.50 0.58 0.00	53.38 0.68 0.00	91.21 1.42 0.00	394.44 5.43 0.00	219.34 4.81 0.00	47.49 1.55 0.00	46.22 1.55 0.00	50.53 1.54 0.00	42.65 1.10 0.00	36.01 0.76 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	28.52 1.26 0.00	34.67 1.35 0.50	28.62 1.13 0.00	29.39 1.17 0.00	28.72 1.24 0.00	30.02 1.36 0.00	30.32 1.52 1.28	21.47 1.71 11.45	40.11 1.88 0.00	41.99 1.88 0.00	41.61 2.02 0.00	45.22 2.32 0.00	45.64 2.45 0.00	52.54 2.96 0.00	60.35 3.43 0.00	56.04 3.34 0.00	95.81 6.01 0.00	413.27 24.26 0.00	227.06 12.53 0.00	54.07 2.64 -5.49	53.55 2.41 -6.46	53.13 2.57 -1.58	43.81 2.26 0.00	35.19 1.84 1.90
HARSNRAD_115KV_TB1 81005	28.12 0.85 0.00	34.43 0.61 0.00	27.70 0.21 0.00	28.32 0.10 0.00	27.57 0.09 0.00	28.29 -0.36 0.00	29.23 -0.85 0.00	29.90 -1.31 0.00	37.56 -0.67 0.00	39.84 -0.27 0.00	40.05 0.46 0.00	43.96 1.07 0.00	44.73 1.53 0.00	51.73 2.14 0.00	59.21 2.29 0.00	55.01 2.32 0.00	94.01 4.22 0.00	403.82 14.81 0.00	222.05 7.52 0.00	47.72 1.78 0.00	45.98 1.30 0.00	50.37 1.38 0.00	43.34 1.79 0.00	37.08 1.83 0.00
HARZA MOOSE___RIVER 24016	27.99 0.73 0.00	34.59 0.78 0.00	28.10 0.61 0.00	28.83 0.61 0.00	28.09 0.60 0.00	29.32 0.67 0.00	30.78 0.69 0.00	31.88 0.67 0.00	39.28 0.90 -0.14	41.24 0.93 -0.20	40.54 0.92 -0.02	44.11 1.06 -0.16	44.49 1.12 -0.18	51.49 1.37 -0.52	59.59 1.76 -0.91	55.05 1.66 -0.69	94.10 3.08 -1.23	407.58 16.37 -2.19	225.56 8.89 -2.14	48.98 1.82 -1.22	46.92 2.00 -0.25	51.87 2.29 -0.59	43.27 1.61 -0.11	36.28 1.04 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	27.26 0.00 0.00	33.81 0.00 0.00	27.45 -0.05 0.00	28.17 -0.05 0.00	27.45 -0.03 0.00	28.57 -0.09 0.00	29.93 -0.15 0.00	30.96 -0.25 0.00	38.34 -0.15 -0.26	40.45 -0.05 -0.39	39.78 0.14 -0.05	43.60 0.40 -0.31	44.08 0.53 -0.35	51.35 0.75 -1.01	59.58 0.90 -1.76	54.96 0.93 -1.33	93.86 1.73 -2.33	399.75 6.51 -4.22	221.69 3.03 -4.13	47.22 0.68 -0.60	45.79 0.63 -0.48	50.75 0.65 -1.11	42.30 0.54 -0.20	35.67 0.42 0.00
HELLGATE_13_KV_LD 55870	28.76 1.50 0.00	35.91 1.65 -0.45	28.86 1.37 0.00	29.62 1.41 0.00	28.95 1.47 0.00	30.30 1.65 0.00	33.17 1.93 -1.16	43.69 2.16 -10.31	40.66 2.42 0.00	42.47 2.36 0.00	42.08 2.48 0.00	45.63 2.74 0.00	46.04 2.84 0.00	52.76 3.17 0.00	60.33 3.41 0.00	55.89 3.20 0.00	95.31 5.52 0.00	410.55 21.54 0.00	225.20 10.67 0.00	54.26 2.34 -5.98	53.91 2.19 -7.04	53.11 2.39 -1.72	43.96 2.41 0.00	38.98 2.03 -1.71
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	28.76 1.50 0.00	35.91 1.65 -0.45	28.86 1.37 0.00	29.62 1.41 0.00	28.95 1.47 0.00	30.30 1.65 0.00	33.17 1.93 -1.16	43.69 2.16 -10.31	40.66 2.42 0.00	42.47 2.36 0.00	42.08 2.48 0.00	45.63 2.74 0.00	46.04 2.84 0.00	52.76 3.17 0.00	60.33 3.41 0.00	55.89 3.20 0.00	95.31 5.52 0.00	410.55 21.54 0.00	225.20 10.67 0.00	54.26 2.34 -5.98	53.91 2.19 -7.04	53.11 2.39 -1.72	43.96 2.41 0.00	38.98 2.03 -1.71
HEMPSTEAD____ 23647	28.75 1.48 0.00	36.05 1.78 -0.45	28.96 1.47 0.00	29.70 1.49 0.00	29.05 1.57 0.00	30.44 1.79 0.00	37.27 2.10 -5.08	43.82 2.21 -10.40	40.48 2.25 0.00	42.15 2.04 0.00	41.79 2.19 0.00	45.46 2.56 0.00	45.86 2.66 0.00	52.75 3.16 0.00	45.49 3.20 14.63	55.52 3.06 0.23	81.67 5.25 13.38	350.69 20.80 59.12	221.90 10.47 3.10	52.21 2.27 -4.00	53.89 2.18 -7.03	53.05 2.34 -1.72	44.01 2.46 0.00	38.94 1.97 -1.73
HEWLETT_69_KV_BK3 55828	29.07 1.80 0.00	36.42 2.15 -0.45	29.25 1.76 0.00	30.01 1.79 0.00	29.33 1.84 0.00	30.73 2.07 0.00	37.54 2.37 -5.08	44.10 2.49 -10.40	40.84 2.61 0.00	42.57 2.47 0.00	42.25 2.66 0.00	45.99 3.09 0.00	46.36 3.16 0.00	53.16 3.57 0.00	60.30 3.77 0.39	56.29 3.59 0.00	92.76 5.95 2.98	402.02 23.32 10.31	226.56 12.03 0.00	54.21 2.73 -5.53	54.41 2.70 -7.03	53.71 3.00 -1.72	44.42 2.86 0.00	39.30 2.33 -1.73
HICKLING___1 23621	28.00 0.73 0.00	34.47 0.66 0.00	27.92 0.43 0.00	28.71 0.49 0.00	27.93 0.44 0.00	29.03 0.38 0.00	30.46 0.37 0.00	31.58 0.36 0.00	39.48 1.10 -0.15	41.48 1.15 -0.22	40.99 1.37 -0.03	45.02 1.95 -0.17	45.28 1.89 -0.20	52.77 2.61 -0.57	60.82 2.91 -0.99	55.95 2.50 -0.75	95.76 4.63 -1.34	410.07 18.68 -2.38	226.24 9.39 -2.33	50.05 1.97 -2.14	48.85 1.79 -2.39	52.33 2.18 -1.16	43.59 1.93 -0.12	36.96 1.72 0.00
HICKLING___2 23622	28.00 0.73 0.00	34.47 0.66 0.00	27.92 0.43 0.00	28.71 0.49 0.00	27.93 0.44 0.00	29.03 0.38 0.00	30.46 0.37 0.00	31.58 0.36 0.00	39.48 1.10 -0.15	41.48 1.15 -0.22	40.99 1.37 -0.03	45.02 1.95 -0.17	45.28 1.89 -0.20	52.77 2.61 -0.57	60.82 2.91 -0.99	55.95 2.50 -0.75	95.76 4.63 -1.34	410.07 18.68 -2.38	226.24 9.39 -2.33	50.05 1.97 -2.14	48.85 1.79 -2.39	52.33 2.18 -1.16	43.59 1.93 -0.12	36.96 1.72 0.00
HIGH FALLS___HY 23754	28.55 1.29 0.00	35.20 1.39 0.00	28.61 1.12 0.00	29.38 1.17 0.00	28.70 1.22 0.00	30.01 1.36 0.00	31.63 1.54 0.00	33.00 1.79 0.00	40.24 2.00 0.00	42.13 2.03 0.00	41.77 2.18 0.00	45.32 2.43 0.00	45.68 2.49 0.00	52.73 3.14 0.00	60.59 3.68 0.00	56.29 3.59 0.00	96.18 6.39 0.00	415.44 26.42 0.00	228.42 13.89 0.00	58.13 2.93 -9.26	58.26 2.69 -10.90	54.49 2.84 -2.66	44.04 2.49 0.00	37.24 2.00 0.00
HIGH_RIVER___SOLAR 323847	28.24 0.98 0.00	34.99 1.17 0.00	28.45 0.96 0.00	29.21 1.00 0.00	28.48 1.00 0.00	29.70 1.05 0.00	31.24 1.16 0.00	32.31 1.10 0.00	39.26 1.03 0.00	40.77 0.66 0.00	40.23 0.64 0.00	43.64 0.75 0.00	43.91 0.72 0.00	50.86 1.28 0.00	58.30 1.38 0.00	53.71 1.01 0.00	92.16 2.37 0.00	399.62 10.61 0.00	223.03 8.50 0.00	120.27 2.14 -72.20	131.81 2.13 -85.00	72.08 2.33 -20.76	43.47 1.92 0.00	36.80 1.55 0.00

HILLBURN___GT 23639	28.40 1.14 0.00	34.44 1.21 0.58	28.52 1.03 0.00	29.30 1.08 0.00	28.65 1.16 0.00	29.95 1.30 0.00	30.02 1.43 1.50	19.44 1.59 13.36	39.92 1.69 0.00	41.76 1.65 0.00	41.37 1.78 0.00	44.96 2.06 0.00	45.34 2.15 0.00	52.14 2.55 0.00	59.87 2.95 0.00	55.55 2.86 0.00	94.92 5.13 0.00	409.06 20.05 0.00	224.49 9.96 0.00	53.64 2.11 -5.58	53.19 1.93 -6.57	52.68 2.08 -1.61	43.46 1.90 0.00	34.60 1.58 2.22
HILLSIDE_115KV_TB1 80332	27.45 0.18 0.00	33.86 0.04 0.00	27.46 -0.03 0.00	28.26 0.05 0.00	27.50 0.02 0.00	28.64 -0.01 0.00	30.12 0.03 0.00	31.23 0.01 0.00	38.98 0.60 -0.15	40.92 0.58 -0.23	40.35 0.73 -0.03	44.33 1.26 -0.18	44.54 1.14 -0.20	51.90 1.73 -0.59	59.85 1.91 -1.03	55.00 1.53 -0.78	94.33 3.15 -1.39	402.42 10.94 -2.47	221.68 4.73 -2.42	49.24 1.07 -2.22	48.08 0.92 -2.48	51.45 1.26 -1.20	42.82 1.15 -0.12	36.32 1.07 0.00
HISHELDN_WT_PWR 323625	28.30 1.04 0.00	34.68 0.87 0.00	27.94 0.45 0.00	28.61 0.39 0.00	27.83 0.35 0.00	28.64 -0.02 0.00	29.68 -0.41 0.00	30.56 -0.65 0.00	38.38 0.15 0.00	40.61 0.50 0.00	40.64 1.05 0.00	44.52 1.63 0.00	45.02 1.83 0.00	51.98 2.39 0.00	59.62 2.70 0.00	55.32 2.62 0.00	94.68 4.89 0.00	407.82 18.80 0.00	224.39 9.86 0.00	48.04 2.11 0.00	46.44 1.76 0.00	51.05 2.05 0.00	43.73 2.18 0.00	37.32 2.07 0.00
HOLTSVILLE_IC_1 23690	28.53 1.26 0.00	35.91 1.64 -0.45	28.88 1.39 0.00	29.64 1.43 0.00	28.98 1.50 0.00	30.43 1.78 0.00	37.26 2.10 -5.08	43.71 2.10 -10.40	40.20 1.97 0.00	41.80 1.70 0.00	41.42 1.83 0.00	45.07 2.18 0.00	45.40 2.20 0.00	52.33 2.74 0.00	53.29 2.35 5.98	54.88 2.24 0.06	71.75 4.21 22.25	323.88 14.92 80.06	220.80 7.01 0.74	50.32 1.70 -2.69	53.42 1.71 -7.03	52.47 1.76 -1.72	43.47 1.92 0.00	38.45 1.48 -1.73
HOLTSVILLE_IC_10 23699	28.69 1.42 0.00	36.09 1.83 -0.45	29.02 1.53 0.00	29.78 1.57 0.00	29.12 1.63 0.00	30.59 1.94 0.00	37.45 2.28 -5.08	43.91 2.30 -10.40	40.47 2.24 0.00	42.12 2.02 0.00	41.75 2.16 0.00	45.46 2.57 0.00	45.81 2.61 0.00	52.81 3.22 0.00	53.48 2.76 6.20	55.25 2.62 0.07	72.62 4.95 22.12	326.53 17.36 79.84	222.56 8.83 0.80	50.79 2.14 -2.70	53.82 2.11 -7.03	52.91 2.20 -1.72	43.81 2.25 0.00	38.72 1.75 -1.73
HOLTSVILLE_IC_2 23691	28.53 1.26 0.00	35.91 1.64 -0.45	28.88 1.39 0.00	29.64 1.43 0.00	28.98 1.50 0.00	30.43 1.78 0.00	37.26 2.10 -5.08	43.71 2.10 -10.40	40.20 1.97 0.00	41.80 1.70 0.00	41.42 1.83 0.00	45.07 2.18 0.00	45.40 2.20 0.00	52.33 2.74 0.00	53.29 2.35 5.98	54.88 2.24 0.06	71.75 4.21 22.25	323.88 14.92 80.06	220.80 7.01 0.74	50.32 1.70 -2.69	53.42 1.71 -7.03	52.47 1.76 -1.72	43.47 1.92 0.00	38.45 1.48 -1.73
HOLTSVILLE_IC_3 23692	28.53 1.26 0.00	35.91 1.64 -0.45	28.88 1.39 0.00	29.64 1.43 0.00	28.98 1.50 0.00	30.43 1.78 0.00	37.26 2.10 -5.08	43.71 2.10 -10.40	40.20 1.97 0.00	41.80 1.70 0.00	41.42 1.83 0.00	45.07 2.18 0.00	45.40 2.20 0.00	52.33 2.74 0.00	53.29 2.35 5.98	54.88 2.24 0.06	71.75 4.21 22.25	323.88 14.92 80.06	220.80 7.01 0.74	50.32 1.70 -2.69	53.42 1.71 -7.03	52.47 1.76 -1.72	43.47 1.92 0.00	38.45 1.48 -1.73
HOLTSVILLE_IC_4 23693	28.53 1.26 0.00	35.91 1.64 -0.45	28.88 1.39 0.00	29.64 1.43 0.00	28.98 1.50 0.00	30.43 1.78 0.00	37.26 2.10 -5.08	43.71 2.10 -10.40	40.20 1.97 0.00	41.80 1.70 0.00	41.42 1.83 0.00	45.07 2.18 0.00	45.40 2.20 0.00	52.33 2.74 0.00	53.29 2.35 5.98	54.88 2.24 0.06	71.75 4.21 22.25	323.88 14.92 80.06	220.80 7.01 0.74	50.32 1.70 -2.69	53.42 1.71 -7.03	52.47 1.76 -1.72	43.47 1.92 0.00	38.45 1.48 -1.73
HOLTSVILLE_IC_5 23694	28.53 1.26 0.00	35.91 1.64 -0.45	28.88 1.39 0.00	29.64 1.43 0.00	28.98 1.50 0.00	30.43 1.78 0.00	37.26 2.10 -5.08	43.71 2.10 -10.40	40.20 1.97 0.00	41.80 1.70 0.00	41.42 1.83 0.00	45.07 2.18 0.00	45.40 2.20 0.00	52.33 2.74 0.00	53.29 2.35 5.98	54.88 2.24 0.06	71.75 4.21 22.25	323.88 14.92 80.06	220.80 7.01 0.74	50.32 1.70 -2.69	53.42 1.71 -7.03	52.47 1.76 -1.72	43.47 1.92 0.00	38.45 1.48 -1.73
HOLTSVILLE_IC_6 23695	28.69 1.42 0.00	36.09 1.83 -0.45	29.02 1.53 0.00	29.78 1.57 0.00	29.12 1.63 0.00	30.59 1.94 0.00	37.45 2.28 -5.08	43.91 2.30 -10.40	40.47 2.24 0.00	42.12 2.02 0.00	41.75 2.16 0.00	45.46 2.57 0.00	45.81 2.61 0.00	52.81 3.22 0.00	53.48 2.76 6.20	55.25 2.62 0.07	72.62 4.95 22.12	326.53 17.36 79.84	222.56 8.83 0.80	50.79 2.14 -2.70	53.82 2.11 -7.03	52.91 2.20 -1.72	43.81 2.25 0.00	38.72 1.75 -1.73
HOLTSVILLE_IC_7 23696	28.69 1.42 0.00	36.09 1.83 -0.45	29.02 1.53 0.00	29.78 1.57 0.00	29.12 1.63 0.00	30.59 1.94 0.00	37.45 2.28 -5.08	43.91 2.30 -10.40	40.47 2.24 0.00	42.12 2.02 0.00	41.75 2.16 0.00	45.46 2.57 0.00	45.81 2.61 0.00	52.81 3.22 0.00	53.48 2.76 6.20	55.25 2.62 0.07	72.62 4.95 22.12	326.53 17.36 79.84	222.56 8.83 0.80	50.79 2.14 -2.70	53.82 2.11 -7.03	52.91 2.20 -1.72	43.81 2.25 0.00	38.72 1.75 -1.73
HOLTSVILLE_IC_8 23697	28.69 1.42 0.00	36.09 1.83 -0.45	29.02 1.53 0.00	29.78 1.57 0.00	29.12 1.63 0.00	30.59 1.94 0.00	37.45 2.28 -5.08	43.91 2.30 -10.40	40.47 2.24 0.00	42.12 2.02 0.00	41.75 2.16 0.00	45.46 2.57 0.00	45.81 2.61 0.00	52.81 3.22 0.00	53.48 2.76 6.20	55.25 2.62 0.07	72.62 4.95 22.12	326.53 17.36 79.84	222.56 8.83 0.80	50.79 2.14 -2.70	53.82 2.11 -7.03	52.91 2.20 -1.72	43.81 2.25 0.00	38.72 1.75 -1.73
HOLTSVILLE_IC_9 23698	28.69 1.42 0.00	36.09 1.83 -0.45	29.02 1.53 0.00	29.78 1.57 0.00	29.12 1.63 0.00	30.59 1.94 0.00	37.45 2.28 -5.08	43.91 2.30 -10.40	40.47 2.24 0.00	42.12 2.02 0.00	41.75 2.16 0.00	45.46 2.57 0.00	45.81 2.61 0.00	52.81 3.22 0.00	53.48 2.76 6.20	55.25 2.62 0.07	72.62 4.95 22.12	326.53 17.36 79.84	222.56 8.83 0.80	50.79 2.14 -2.70	53.82 2.11 -7.03	52.91 2.20 -1.72	43.81 2.25 0.00	38.72 1.75 -1.73
HOMER_HL_115KV_TB2 355744	28.20 0.94 0.00	34.58 0.77 0.00	27.82 0.33 0.00	28.57 0.36 0.00	27.88 0.39 0.00	28.91 0.26 0.00	30.24 0.15 0.00	31.41 0.19 0.00	39.33 1.10 0.00	41.45 1.35 0.00	41.12 1.52 0.00	44.75 1.86 0.00	44.89 1.69 0.00	51.82 2.24 0.00	59.53 2.62 0.00	55.20 2.50 0.00	94.27 4.48 0.00	403.39 14.38 0.00	221.05 6.52 0.00	47.58 1.65 0.00	46.04 1.37 0.00	50.91 1.92 0.00	43.85 2.30 0.00	37.57 2.33 0.00
HOWARD_WT_PWR 323690	28.42 1.16 0.00	34.75 0.94 0.00	28.01 0.52 0.00	28.63 0.42 0.00	27.93 0.45 0.00	28.88 0.23 0.00	30.15 0.07 0.00	31.31 0.09 0.00	39.43 1.09 -0.11	41.47 1.20 -0.16	41.05 1.44 -0.02	44.94 1.93 -0.12	45.11 1.77 -0.14	52.09 2.08 -0.41	59.83 2.19 -0.72	55.12 1.88 -0.55	94.80 4.03 -0.97	408.79 18.05 -1.73	225.74 9.52 -1.69	47.52 1.34 -0.25	46.89 2.02 -0.20	52.14 2.68 -0.46	43.98 2.34 -0.08	37.17 1.93 0.00

HQ_GEN_CEDARS 23644	27.06 -0.20 0.00	33.57 -0.25 0.00	27.25 -0.24 0.00	27.92 -0.29 0.00	27.11 -0.38 0.00	28.35 -0.31 0.00	29.71 -0.38 0.00	31.03 -0.19 0.00	38.13 -0.10 0.00	40.01 -0.09 0.00	39.10 -0.49 0.00	42.09 -0.81 0.00	42.23 -0.97 0.00	48.53 -1.06 0.00	55.68 -1.24 0.00	51.46 -1.23 0.00	87.30 -2.50 0.00	379.46 -9.55 0.00	209.14 -5.39 0.00	45.59 -1.72 -1.37	43.18 -1.50 0.00	47.98 -1.01 0.00	40.51 -1.05 0.00	34.42 -0.82 0.00
HQ_GEN_CEDARS_PROXY 323590	27.06 -0.21 0.00	33.57 -0.25 0.00	27.25 -0.24 0.00	27.92 -0.29 0.00	27.11 -0.38 0.00	28.35 -0.31 0.00	29.71 -0.38 0.00	31.03 -0.19 0.00	38.13 -0.10 0.00	40.01 -0.09 0.00	39.11 -0.49 0.00	42.09 -0.81 0.00	42.23 -0.97 0.00	48.52 -1.07 0.00	55.68 -1.24 0.00	51.46 -1.23 0.00	72.20 -2.50 15.10	321.96 -9.54 57.51	209.14 -5.38 0.00	45.58 -1.73 -1.37	43.18 -1.50 0.00	47.98 -1.01 0.00	40.51 -1.04 0.00	34.43 -0.82 0.00
HQ_GEN_IMPORT 323601	27.00 -0.27 0.00	33.49 -0.32 0.00	27.21 -0.27 0.00	27.90 -0.31 0.00	27.14 -0.35 0.00	28.33 -0.32 0.00	29.73 -0.36 0.00	30.96 -0.26 0.00	38.82 -0.24 -0.82	41.03 -0.25 -1.18	38.98 -0.43 0.18	42.18 -0.72 0.00	42.42 -0.78 0.00	47.23 -0.90 1.46	57.13 -1.04 -1.25	51.66 -1.04 0.00	0.00 -1.99 87.80	380.93 -8.08 0.00	149.77 -4.27 60.48	44.83 -1.11 0.00	43.67 -1.01 0.00	47.97 -1.03 0.00	40.60 -0.95 0.00	34.49 -0.76 0.00
HQ_GEN_WHEEL 23651	27.00 -0.27 0.00	33.49 -0.32 0.00	27.21 -0.27 0.00	27.90 -0.31 0.00	27.14 -0.35 0.00	28.33 -0.32 0.00	29.73 -0.36 0.00	30.96 -0.26 0.00	38.82 -0.24 -0.82	41.03 -0.25 -1.18	38.98 -0.43 0.18	42.18 -0.72 0.00	42.42 -0.78 0.00	47.23 -0.90 1.46	57.13 -1.04 -1.25	51.66 -1.04 0.00	0.00 -1.99 87.80	380.93 -8.08 0.00	149.77 -4.27 60.48	44.83 -1.11 0.00	43.67 -1.01 0.00	47.97 -1.03 0.00	40.60 -0.95 0.00	34.49 -0.76 0.00
HUDSON AVE_GT_3 23810	28.75 1.49 0.00	35.88 1.63 -0.45	28.83 1.34 0.00	29.59 1.38 0.00	28.93 1.44 0.00	30.26 1.61 0.00	33.11 1.86 -1.16	43.65 2.13 -10.30	40.62 2.39 0.00	42.43 2.33 0.00	42.06 2.47 0.00	45.65 2.76 0.00	46.04 2.84 0.00	52.84 3.25 0.00	60.49 3.57 0.00	56.08 3.38 0.00	95.65 5.85 0.00	412.10 23.08 0.00	225.99 11.46 0.00	54.41 2.49 -5.98	54.05 2.34 -7.04	53.22 2.51 -1.72	43.94 2.38 0.00	39.01 2.05 -1.71
HUDSON AVE_GT_4 23540	28.75 1.49 0.00	35.88 1.63 -0.45	28.83 1.34 0.00	29.59 1.38 0.00	28.93 1.44 0.00	30.26 1.61 0.00	33.11 1.86 -1.16	43.65 2.13 -10.30	40.62 2.39 0.00	42.43 2.33 0.00	42.06 2.47 0.00	45.65 2.76 0.00	46.04 2.84 0.00	52.84 3.25 0.00	60.49 3.57 0.00	56.08 3.38 0.00	95.65 5.85 0.00	412.10 23.08 0.00	225.99 11.46 0.00	54.41 2.49 -5.98	54.05 2.34 -7.04	53.22 2.51 -1.72	43.94 2.38 0.00	39.01 2.05 -1.71
HUDSON AVE_GT_5 23657	28.75 1.49 0.00	35.88 1.63 -0.45	28.83 1.34 0.00	29.59 1.38 0.00	28.93 1.44 0.00	30.26 1.61 0.00	33.11 1.86 -1.16	43.65 2.13 -10.30	40.62 2.39 0.00	42.43 2.33 0.00	42.06 2.47 0.00	45.65 2.76 0.00	46.04 2.84 0.00	52.84 3.25 0.00	60.49 3.57 0.00	56.08 3.38 0.00	95.65 5.85 0.00	412.10 23.08 0.00	225.99 11.46 0.00	54.41 2.49 -5.98	54.05 2.34 -7.04	53.22 2.51 -1.72	43.94 2.38 0.00	39.01 2.05 -1.71
HUDSON_AVE_10 24168	28.68 1.42 0.00	35.81 1.55 -0.45	28.78 1.29 0.00	29.52 1.31 0.00	28.86 1.37 0.00	30.19 1.54 0.00	33.01 1.77 -1.16	43.58 2.06 -10.30	40.54 2.31 0.00	42.34 2.24 0.00	41.96 2.37 0.00	45.54 2.65 0.00	45.92 2.72 0.00	52.69 3.10 0.00	60.33 3.41 0.00	55.90 3.20 0.00	95.38 5.58 0.00	411.02 22.00 0.00	225.23 10.70 0.00	54.23 2.31 -5.98	53.87 2.16 -7.04	53.03 2.32 -1.72	43.77 2.22 0.00	38.88 1.93 -1.71
HUDSON___115KV_TB 4 355613	28.32 1.06 0.00	35.13 1.26 -0.06	28.58 1.09 0.00	29.36 1.14 0.00	28.64 1.16 0.00	29.82 1.16 0.00	31.59 1.34 -0.16	33.93 1.28 -1.44	39.56 1.33 0.00	41.44 1.33 0.00	40.78 1.18 0.00	44.35 1.45 0.00	44.56 1.36 0.00	51.05 1.46 0.00	58.63 1.71 0.00	54.32 1.63 0.00	93.42 3.63 0.00	406.42 17.41 0.00	226.03 11.50 0.00	77.89 2.76 -29.20	81.73 2.68 -34.37	60.30 2.91 -8.40	43.81 2.26 0.00	37.42 1.94 -0.24
HUNTER MOUNT___DRP 323613	28.52 1.25 0.00	35.33 1.52 0.00	28.79 1.30 0.00	29.56 1.34 0.00	28.84 1.36 0.00	30.01 1.35 0.00	31.66 1.58 0.00	32.75 1.53 0.00	39.92 1.68 0.00	41.77 1.67 0.00	41.03 1.44 0.00	44.65 1.76 0.00	44.84 1.64 0.00	51.37 1.78 0.00	59.01 2.10 0.00	54.72 2.03 0.00	94.33 4.54 0.00	411.18 22.17 0.00	229.11 14.59 0.00	73.92 3.46 -24.52	76.89 3.35 -28.87	59.69 3.64 -7.05	44.36 2.81 0.00	37.56 2.32 0.00
HUNTINGTON_RES_REC 323705	28.61 1.35 0.00	36.03 1.77 -0.45	28.97 1.48 0.00	29.72 1.51 0.00	29.06 1.58 0.00	30.50 1.85 0.00	37.34 2.18 -5.08	43.80 2.19 -10.40	40.28 2.05 0.00	41.84 1.73 0.00	41.52 1.93 0.00	45.42 2.52 0.00	45.83 2.63 0.00	52.83 3.24 0.00	53.62 2.82 6.12	55.26 2.63 0.06	72.59 4.85 22.05	327.86 18.38 79.53	223.05 9.30 0.78	50.69 2.04 -2.72	53.64 1.93 -7.03	52.74 2.03 -1.72	43.63 2.08 0.00	38.62 1.65 -1.73
HUNTLEY___63 23557	28.49 1.23 0.00	34.88 1.06 0.00	28.06 0.57 0.00	28.69 0.47 0.00	27.92 0.44 0.00	28.66 0.01 0.00	29.63 -0.45 0.00	30.33 -0.88 0.00	38.15 -0.09 0.00	40.55 0.44 0.00	40.82 1.22 0.00	44.85 1.96 0.00	45.51 2.31 0.00	52.63 3.04 0.00	60.22 3.30 0.00	55.91 3.21 0.00	95.41 5.62 0.00	409.73 20.72 0.00	225.03 10.51 0.00	48.35 2.41 0.00	46.55 1.87 0.00	51.08 2.08 0.00	43.94 2.39 0.00	37.65 2.41 0.00
HUNTLEY___64 23558	28.49 1.23 0.00	34.88 1.06 0.00	28.06 0.57 0.00	28.69 0.47 0.00	27.92 0.44 0.00	28.66 0.01 0.00	29.63 -0.45 0.00	30.33 -0.88 0.00	38.15 -0.09 0.00	40.55 0.44 0.00	40.82 1.22 0.00	44.85 1.96 0.00	45.51 2.31 0.00	52.63 3.04 0.00	60.22 3.30 0.00	55.91 3.21 0.00	95.41 5.62 0.00	409.73 20.72 0.00	225.03 10.51 0.00	48.35 2.41 0.00	46.55 1.87 0.00	51.08 2.08 0.00	43.94 2.39 0.00	37.65 2.41 0.00
HUNTLEY___65 23559	28.49 1.23 0.00	34.88 1.06 0.00	28.06 0.57 0.00	28.69 0.47 0.00	27.92 0.44 0.00	28.66 0.01 0.00	29.63 -0.45 0.00	30.33 -0.88 0.00	38.15 -0.09 0.00	40.55 0.44 0.00	40.82 1.22 0.00	44.85 1.96 0.00	45.51 2.31 0.00	52.63 3.04 0.00	60.22 3.30 0.00	55.91 3.21 0.00	95.41 5.62 0.00	409.73 20.72 0.00	225.03 10.51 0.00	48.35 2.41 0.00	46.55 1.87 0.00	51.08 2.08 0.00	43.94 2.39 0.00	37.65 2.41 0.00
HUNTLEY___66 23560	28.49 1.23 0.00	34.88 1.06 0.00	28.06 0.57 0.00	28.69 0.47 0.00	27.92 0.44 0.00	28.66 0.01 0.00	29.63 -0.45 0.00	30.33 -0.88 0.00	38.15 -0.09 0.00	40.55 0.44 0.00	40.82 1.22 0.00	44.85 1.96 0.00	45.51 2.31 0.00	52.63 3.04 0.00	60.22 3.30 0.00	55.91 3.21 0.00	95.41 5.62 0.00	409.73 20.72 0.00	225.03 10.51 0.00	48.35 2.41 0.00	46.55 1.87 0.00	51.08 2.08 0.00	43.94 2.39 0.00	37.65 2.41 0.00



HUNTLEY___67 23561	28.18 0.92 0.00	34.54 0.72 0.00	27.80 0.31 0.00	28.44 0.23 0.00	27.68 0.19 0.00	28.42 -0.23 0.00	29.40 -0.68 0.00	30.12 -1.09 0.00	37.83 -0.40 0.00	40.18 0.07 0.00	40.38 0.78 0.00	44.32 1.43 0.00	45.00 1.80 0.00	52.05 2.46 0.00	59.65 2.74 0.00	55.48 2.78 0.00	94.88 5.09 0.00	407.24 18.23 0.00	223.68 9.15 0.00	48.04 2.09 0.00	46.28 1.60 0.00	50.74 1.75 0.00	43.60 2.05 0.00	37.30 2.05 0.00
HUNTLEY___68 23562	28.18 0.92 0.00	34.54 0.72 0.00	27.80 0.31 0.00	28.44 0.23 0.00	27.68 0.19 0.00	28.42 -0.23 0.00	29.40 -0.68 0.00	30.12 -1.09 0.00	37.83 -0.40 0.00	40.18 0.07 0.00	40.38 0.78 0.00	44.32 1.43 0.00	45.00 1.80 0.00	52.05 2.46 0.00	59.65 2.74 0.00	55.48 2.78 0.00	94.88 5.09 0.00	407.24 18.23 0.00	223.68 9.15 0.00	48.04 2.09 0.00	46.28 1.60 0.00	50.74 1.75 0.00	43.60 2.05 0.00	37.30 2.05 0.00
HYLAND___LFGE 323620	29.63 2.37 0.00	36.29 2.48 0.00	29.22 1.73 0.00	29.92 1.71 0.00	29.14 1.66 0.00	30.17 1.52 0.00	31.49 1.40 0.00	32.49 1.28 0.00	39.81 1.58 0.00	40.63 0.52 0.00	40.45 0.86 0.00	44.06 1.17 0.00	44.67 1.47 0.00	52.20 2.61 0.00	59.51 2.60 0.00	55.00 2.31 0.00	93.47 3.68 0.00	404.01 14.99 0.00	227.48 12.95 0.00	49.40 3.46 0.00	48.07 3.40 0.00	52.88 3.88 0.00	44.89 3.34 0.00	38.05 2.81 0.00
INDECK___CORINTH 23802	28.66 1.39 0.00	35.66 1.77 -0.07	28.91 1.42 0.00	29.66 1.45 0.00	28.96 1.48 0.00	30.19 1.54 0.00	32.24 1.97 -0.18	34.81 1.99 -1.61	40.30 2.06 0.00	42.19 2.08 0.00	41.37 1.78 0.00	45.28 2.39 0.00	45.63 2.43 0.00	52.09 2.51 0.00	59.98 3.06 0.00	55.76 3.06 0.00	95.57 5.77 0.00	418.25 29.24 0.00	232.15 17.62 0.00	116.20 4.04 -66.22	126.59 3.96 -77.96	72.33 4.30 -19.04	44.91 3.36 0.00	38.19 2.67 -0.27
INDECK___ILION 23567	27.54 0.27 0.00	34.15 0.34 0.00	27.79 0.30 0.00	28.54 0.33 0.00	27.84 0.36 0.00	29.03 0.38 0.00	30.56 0.47 0.00	31.62 0.40 0.00	38.52 0.29 0.00	40.26 0.16 0.00	39.88 0.28 0.00	43.29 0.40 0.00	43.61 0.41 0.00	50.04 0.46 0.00	57.47 0.55 0.00	53.29 0.59 0.00	91.01 1.21 0.00	394.32 5.31 0.00	218.48 3.95 0.00	47.06 1.12 0.00	45.77 1.09 0.00	50.12 1.13 0.00	42.43 0.88 0.00	35.88 0.63 0.00
INDECK___OLEAN 23982	28.21 0.94 0.00	34.58 0.76 0.00	27.82 0.33 0.00	28.57 0.36 0.00	27.88 0.39 0.00	28.91 0.26 0.00	30.24 0.15 0.00	31.41 0.19 0.00	39.34 1.10 0.00	41.45 1.34 0.00	41.12 1.52 0.00	44.72 1.83 0.00	44.89 1.70 0.00	51.82 2.23 0.00	59.54 2.62 0.00	55.20 2.50 0.00	94.18 4.39 0.00	403.29 14.28 0.00	221.04 6.51 0.00	47.57 1.64 0.00	46.03 1.36 0.00	50.91 1.92 0.00	43.86 2.30 0.00	37.58 2.33 0.00
INDECK___OSWEGO 23783	26.88 -0.39 0.00	33.35 -0.46 0.00	27.09 -0.40 0.00	27.81 -0.40 0.00	27.10 -0.38 0.00	28.21 -0.44 0.00	29.56 -0.53 0.00	30.54 -0.68 0.00	38.65 -0.74 -1.16	41.12 -0.72 -1.74	39.19 -0.61 -0.20	43.57 -0.70 -1.38	44.02 -0.73 -1.55	53.23 -0.81 -4.45	63.81 -0.86 -7.75	57.90 -0.68 -5.89	99.29 -0.97 -10.46	403.41 -4.23 -18.63	230.05 -2.72 -18.24	48.05 -0.55 -2.66	46.24 -0.57 -2.13	53.34 -0.62 -4.96	42.15 -0.30 -0.90	35.04 -0.20 0.00
INDECK___YERKES 23781	28.52 1.26 0.00	34.92 1.11 0.00	28.09 0.60 0.00	28.72 0.51 0.00	27.96 0.47 0.00	28.69 0.04 0.00	29.67 -0.42 0.00	30.37 -0.85 0.00	38.20 -0.04 0.00	40.59 0.48 0.00	40.86 1.27 0.00	44.88 1.98 0.00	45.57 2.38 0.00	52.70 3.11 0.00	60.28 3.35 0.00	55.95 3.25 0.00	95.32 5.53 0.00	409.63 20.62 0.00	225.03 10.50 0.00	48.37 2.42 0.00	46.55 1.88 0.00	51.12 2.13 0.00	43.99 2.44 0.00	37.69 2.45 0.00
INDIAN POINT_GT_1 24139	28.42 1.15 0.00	35.59 1.25 -0.52	28.55 1.06 0.00	29.31 1.10 0.00	28.66 1.17 0.00	29.95 1.30 0.00	32.92 1.48 -1.36	44.98 1.67 -12.09	40.01 1.78 0.00	41.83 1.72 0.00	41.42 1.83 0.00	45.00 2.10 0.00	45.36 2.16 0.00	52.10 2.51 0.00	59.74 2.82 0.00	55.41 2.72 0.00	94.62 4.83 0.00	408.27 19.25 0.00	224.17 9.64 0.00	53.92 2.08 -5.89	53.55 1.94 -6.94	52.75 2.07 -1.70	43.49 1.93 0.00	38.86 1.61 -2.01
INDIAN POINT_GT_2 23659	28.42 1.15 0.00	35.59 1.25 -0.52	28.55 1.06 0.00	29.31 1.10 0.00	28.66 1.17 0.00	29.95 1.30 0.00	32.92 1.48 -1.36	44.98 1.67 -12.09	40.01 1.78 0.00	41.83 1.72 0.00	41.42 1.83 0.00	45.00 2.10 0.00	45.36 2.16 0.00	52.10 2.51 0.00	59.74 2.82 0.00	55.41 2.72 0.00	94.62 4.83 0.00	408.27 19.25 0.00	224.17 9.64 0.00	53.92 2.08 -5.89	53.55 1.94 -6.94	52.75 2.07 -1.70	43.49 1.93 0.00	38.86 1.61 -2.01
INDIAN POINT_GT_3 24019	28.42 1.15 0.00	35.59 1.25 -0.52	28.55 1.06 0.00	29.31 1.10 0.00	28.66 1.17 0.00	29.95 1.30 0.00	32.92 1.48 -1.36	44.98 1.67 -12.09	40.01 1.78 0.00	41.83 1.72 0.00	41.42 1.83 0.00	45.00 2.10 0.00	45.36 2.16 0.00	52.10 2.51 0.00	59.74 2.82 0.00	55.41 2.72 0.00	94.62 4.83 0.00	408.27 19.25 0.00	224.17 9.64 0.00	53.92 2.08 -5.89	53.55 1.94 -6.94	52.75 2.07 -1.70	43.49 1.93 0.00	38.86 1.61 -2.01
INDIAN POINT___2 23530	28.38 1.11 0.00	35.72 1.19 -0.71	28.51 1.02 0.00	29.28 1.07 0.00	28.63 1.14 0.00	29.92 1.27 0.00	33.35 1.43 -1.83	49.16 1.60 -16.34	39.93 1.69 0.00	41.75 1.64 0.00	41.35 1.75 0.00	44.92 2.03 0.00	45.27 2.07 0.00	52.01 2.42 0.00	59.66 2.74 0.00	55.33 2.64 0.00	94.49 4.70 0.00	407.50 18.49 0.00	223.69 9.16 0.00	53.70 1.98 -5.78	53.31 1.84 -6.80	52.63 1.97 -1.66	43.40 1.85 0.00	39.51 1.55 -2.71
INDIAN POINT___3 23531	28.36 1.10 0.00	35.54 1.19 -0.54	28.51 1.02 0.00	29.28 1.07 0.00	28.62 1.14 0.00	29.92 1.27 0.00	32.90 1.42 -1.39	45.22 1.60 -12.41	39.92 1.69 0.00	41.74 1.63 0.00	41.33 1.74 0.00	44.90 2.00 0.00	45.26 2.06 0.00	51.97 2.39 0.00	59.60 2.68 0.00	55.28 2.59 0.00	94.39 4.59 0.00	407.23 18.22 0.00	223.62 9.09 0.00	53.82 1.98 -5.90	53.45 1.83 -6.94	52.65 1.96 -1.70	43.39 1.84 0.00	38.84 1.53 -2.06
INGHAM_C_115KV_TB7 356103	27.66 0.39 0.00	34.28 0.46 0.00	27.93 0.44 0.00	28.69 0.47 0.00	28.00 0.52 0.00	29.22 0.57 0.00	30.84 0.76 0.00	31.83 0.62 0.00	38.53 0.30 0.00	40.08 -0.03 0.00	39.80 0.20 0.00	43.22 0.33 0.00	43.50 0.30 0.00	49.94 0.35 0.00	57.34 0.42 0.00	53.25 0.55 0.00	91.15 1.35 0.00	394.65 5.63 0.00	220.12 5.59 0.00	47.71 1.78 0.00	46.46 1.78 0.00	50.85 1.86 0.00	42.92 1.37 0.00	36.21 0.96 0.00
IP CORINTH___1 23988	28.82 1.56 0.00	35.84 1.96 -0.07	29.06 1.57 0.00	29.82 1.61 0.00	29.12 1.64 0.00	30.35 1.70 0.00	32.40 2.13 -0.18	35.00 2.17 -1.61	40.53 2.29 0.00	42.43 2.32 0.00	41.61 2.02 0.00	45.54 2.64 0.00	45.88 2.68 0.00	52.39 2.80 0.00	60.32 3.40 0.00	56.07 3.38 0.00	96.10 6.31 0.00	420.48 31.46 0.00	233.42 18.90 0.00	116.46 4.31 -66.22	126.86 4.22 -77.96	72.62 4.59 -19.04	45.17 3.61 0.00	38.40 2.88 -0.27

IP___TICONDEROGA 23804	30.72 3.46 0.00	38.30 4.42 -0.07	30.87 3.38 0.00	31.52 3.31 0.00	30.82 3.33 0.00	32.07 3.42 0.00	34.57 4.31 -0.18	37.33 4.49 -1.62	42.77 4.54 0.00	44.53 4.42 0.00	43.66 4.06 0.00	48.26 5.37 0.00	48.55 5.36 0.00	55.28 5.69 0.00	63.73 6.81 0.00	59.47 6.77 0.00	102.82 13.02 0.00	451.11 62.10 0.00	247.56 33.03 0.00	118.87 7.33 -65.60	128.89 6.98 -77.23	75.77 7.91 -18.86	47.86 6.31 0.00	40.78 5.27 -0.27
ISLIP_RES_REC 323679	28.84 1.58 0.00	36.28 2.01 -0.45	29.16 1.67 0.00	29.92 1.71 0.00	29.26 1.77 0.00	30.75 2.10 0.00	37.62 2.46 -5.08	44.11 2.50 -10.40	40.75 2.51 0.00	42.45 2.35 0.00	42.09 2.50 0.00	45.87 2.98 0.00	46.22 3.02 0.00	53.30 3.71 0.00	53.90 3.35 6.37	55.80 3.17 0.07	73.70 5.94 22.04	330.90 21.61 79.73	224.75 11.07 0.84	51.23 2.58 -2.72	54.23 2.52 -7.03	53.35 2.64 -1.72	44.16 2.60 0.00	38.99 2.02 -1.73
JAMAICA__27_KV_LOAD 355505	28.99 1.72 0.00	36.15 1.89 -0.45	29.03 1.54 0.00	29.80 1.59 0.00	29.13 1.65 0.00	30.46 1.81 0.00	33.27 2.03 -1.16	43.91 2.39 -10.30	40.95 2.72 0.00	42.74 2.64 0.00	42.41 2.82 0.00	46.02 3.13 0.00	46.37 3.17 0.00	53.19 3.61 0.00	61.01 4.09 0.00	56.41 3.72 0.00	96.41 6.62 0.00	415.62 26.60 0.00	227.28 12.75 0.00	54.67 2.76 -5.98	54.25 2.54 -7.04	53.48 2.77 -1.72	44.17 2.61 0.00	39.22 2.26 -1.71
JANIS___SOLAR 323808	28.55 1.29 0.00	35.33 1.52 0.00	28.72 1.23 0.00	29.51 1.30 0.00	28.78 1.30 0.00	30.03 1.38 0.00	31.60 1.52 0.00	32.75 1.54 0.00	40.53 2.07 -0.22	42.64 2.20 -0.33	41.51 1.87 -0.04	45.54 2.38 -0.27	45.78 2.29 -0.30	53.35 2.91 -0.85	61.92 3.52 -1.48	56.97 3.15 -1.12	98.63 6.84 -2.00	419.96 27.40 -3.55	234.06 16.05 -3.48	53.12 3.75 -3.44	52.06 3.56 -3.83	54.46 3.67 -1.80	44.68 2.95 -0.17	37.49 2.24 0.00
JARVIS____ 23743	27.38 0.11 0.00	33.96 0.15 0.00	27.62 0.13 0.00	28.36 0.15 0.00	27.65 0.16 0.00	28.82 0.17 0.00	30.28 0.19 0.00	31.38 0.16 0.00	38.37 0.14 0.00	40.23 0.13 0.00	39.76 0.17 0.00	43.16 0.27 0.00	43.47 0.27 0.00	49.90 0.31 0.00	57.26 0.34 0.00	53.03 0.34 0.00	90.43 0.64 0.00	391.77 2.76 0.00	216.15 1.62 0.00	46.36 0.42 0.00	45.07 0.39 0.00	49.40 0.41 0.00	41.92 0.37 0.00	35.52 0.27 0.00
JENNISON___1 23625	28.10 0.83 0.00	34.80 0.98 0.00	28.54 1.05 0.00	29.38 1.17 0.00	28.69 1.20 0.00	29.99 1.34 0.00	31.59 1.51 0.00	32.76 1.55 0.00	40.51 2.12 -0.16	42.77 2.43 -0.23	42.04 2.42 -0.03	45.90 2.82 -0.19	45.88 2.48 -0.21	53.15 2.96 -0.60	61.26 3.30 -1.04	56.33 2.85 -0.79	96.92 5.72 -1.41	417.69 26.17 -2.51	230.68 13.70 -2.45	54.04 2.95 -5.15	53.27 2.68 -5.92	53.81 2.77 -2.05	43.95 2.27 -0.12	36.84 1.60 0.00
JENNISON___2 23626	28.10 0.83 0.00	34.80 0.98 0.00	28.54 1.05 0.00	29.38 1.17 0.00	28.69 1.20 0.00	29.99 1.34 0.00	31.59 1.51 0.00	32.76 1.55 0.00	40.51 2.12 -0.16	42.77 2.43 -0.23	42.04 2.42 -0.03	45.90 2.82 -0.19	45.88 2.48 -0.21	53.15 2.96 -0.60	61.26 3.30 -1.04	56.33 2.85 -0.79	96.92 5.72 -1.41	417.69 26.17 -2.51	230.68 13.70 -2.45	54.04 2.95 -5.15	53.27 2.68 -5.92	53.81 2.77 -2.05	43.95 2.27 -0.12	36.84 1.60 0.00
JERICHO_RISE_WT_PWR 323719	27.65 0.39 0.00	34.30 0.49 0.00	27.83 0.34 0.00	28.40 0.19 0.00	27.55 0.06 0.00	28.77 0.11 0.00	30.35 0.26 0.00	31.66 0.44 0.00	38.90 0.66 0.00	40.92 0.81 0.00	40.03 0.44 0.00	43.16 0.27 0.00	43.40 0.20 0.00	49.72 0.13 0.00	56.83 -0.09 0.00	52.36 -0.33 0.00	88.52 -1.28 0.00	381.86 -7.15 0.00	210.59 -3.94 0.00	7.68 -2.59 35.67	43.41 -1.27 0.00	47.73 -1.27 0.00	39.55 -2.00 0.00	33.85 -1.40 0.00
KATONAH___115KV_46KV_TB4 355592	28.61 1.34 0.00	35.57 1.49 -0.27	28.73 1.24 0.00	29.48 1.27 0.00	28.81 1.33 0.00	30.12 1.47 0.00	32.50 1.71 -0.71	39.44 1.93 -6.29	40.38 2.15 0.00	42.23 2.13 0.00	41.82 2.23 0.00	45.47 2.58 0.00	45.89 2.69 0.00	52.70 3.11 0.00	60.45 3.53 0.00	56.09 3.40 0.00	95.74 5.95 0.00	413.61 24.60 0.00	227.12 12.59 0.00	54.77 2.71 -6.12	54.38 2.50 -7.20	53.39 2.64 -1.76	43.94 2.39 0.00	38.26 1.97 -1.04
KCE_NY_1 323755	28.80 1.54 0.00	35.80 1.92 -0.07	29.06 1.57 0.00	29.84 1.63 0.00	29.13 1.65 0.00	30.40 1.75 0.00	32.32 2.05 -0.18	34.95 2.08 -1.65	40.47 2.23 0.00	42.50 2.39 0.00	41.81 2.22 0.00	45.57 2.68 0.00	46.01 2.82 0.00	52.78 3.19 0.00	60.62 3.70 0.00	56.18 3.48 0.00	95.97 6.18 0.00	419.00 29.99 0.00	231.90 17.38 0.00	113.39 3.96 -63.48	123.31 3.88 -74.74	71.45 4.20 -18.26	44.91 3.36 0.00	38.23 2.71 -0.28
KCE_NY_6_ESR 323823	28.59 1.33 0.00	35.00 1.19 0.00	28.18 0.69 0.00	28.83 0.62 0.00	28.05 0.56 0.00	28.83 0.18 0.00	29.86 -0.22 0.00	30.68 -0.53 0.00	38.57 0.34 0.00	40.92 0.81 0.00	41.11 1.52 0.00	45.14 2.24 0.00	45.79 2.59 0.00	52.99 3.41 0.00	60.80 3.88 0.00	56.50 3.81 0.00	96.62 6.82 0.00	414.60 25.58 0.00	227.58 13.05 0.00	48.88 2.94 0.00	47.10 2.42 0.00	51.68 2.69 0.00	44.34 2.78 0.00	37.86 2.62 0.00
KEDC_PORT_JEFF_GT2 24210	28.64 1.37 0.00	36.05 1.78 -0.45	28.99 1.50 0.00	29.74 1.53 0.00	29.08 1.59 0.00	30.55 1.90 0.00	37.40 2.23 -5.08	43.85 2.23 -10.40	40.36 2.13 0.00	41.99 1.89 0.00	41.64 2.05 0.00	45.31 2.42 0.00	45.57 2.37 0.00	52.54 2.95 0.00	53.08 2.26 6.11	54.79 2.16 0.06	71.71 4.08 22.17	323.50 14.38 79.90	220.65 6.90 0.78	50.30 1.66 -2.70	53.33 1.62 -7.03	52.49 1.78 -1.72	43.56 2.01 0.00	38.56 1.58 -1.73
KEDC_PORT_JEFF_GT3 24211	28.64 1.37 0.00	36.05 1.78 -0.45	28.99 1.50 0.00	29.74 1.53 0.00	29.08 1.59 0.00	30.55 1.90 0.00	37.40 2.23 -5.08	43.85 2.23 -10.40	40.36 2.13 0.00	41.99 1.89 0.00	41.64 2.05 0.00	45.31 2.42 0.00	45.57 2.37 0.00	52.54 2.95 0.00	53.08 2.26 6.11	54.79 2.16 0.06	71.71 4.08 22.17	323.50 14.38 79.90	220.65 6.90 0.78	50.30 1.66 -2.70	53.33 1.62 -7.03	52.49 1.78 -1.72	43.56 2.01 0.00	38.56 1.58 -1.73
KEDC_GLWD_GT4 24219	28.94 1.67 0.00	36.27 2.01 -0.45	29.13 1.64 0.00	29.87 1.66 0.00	29.22 1.73 0.00	30.60 1.95 0.00	37.44 2.28 -5.08	44.01 2.40 -10.40	40.75 2.52 0.00	42.47 2.37 0.00	42.16 2.57 0.00	45.73 2.83 0.00	46.19 2.99 0.00	53.16 3.57 0.00	51.28 3.74 9.38	56.11 3.56 0.15	86.06 5.93 9.67	370.35 22.90 41.56	224.00 11.42 1.95	52.96 2.47 -4.54	54.02 2.31 -7.03	53.23 2.52 -1.72	44.34 2.79 0.00	39.22 2.25 -1.73
KEDC_GLWD_GT5 24220	28.94 1.67 0.00	36.27 2.01 -0.45	29.13 1.64 0.00	29.87 1.66 0.00	29.22 1.73 0.00	30.60 1.95 0.00	37.44 2.28 -5.08	44.01 2.40 -10.40	40.75 2.52 0.00	42.47 2.37 0.00	42.16 2.57 0.00	45.73 2.83 0.00	46.19 2.99 0.00	53.16 3.57 0.00	51.28 3.74 9.38	56.11 3.56 0.15	86.06 5.93 9.67	370.35 22.90 41.56	224.00 11.42 1.95	52.96 2.47 -4.54	54.02 2.31 -7.03	53.23 2.52 -1.72	44.34 2.79 0.00	39.22 2.25 -1.73

KENSICO____ 23655	28.51 1.24 0.00	35.66 1.37 -0.48	28.64 1.15 0.00	29.39 1.18 0.00	28.74 1.25 0.00	30.05 1.40 0.00	32.92 1.60 -1.23	44.01 1.80 -10.99	40.18 1.95 0.00	42.00 1.90 0.00	41.60 2.01 0.00	45.19 2.30 0.00	45.56 2.36 0.00	52.30 2.71 0.00	59.94 3.02 0.00	55.58 2.89 0.00	94.87 5.08 0.00	409.33 20.32 0.00	224.72 10.20 0.00	54.12 2.22 -5.96	53.76 2.07 -7.02	52.92 2.21 -1.71	43.62 2.06 0.00	38.81 1.74 -1.82
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	28.54 1.28 0.00	35.20 1.39 0.00	28.62 1.13 0.00	29.38 1.17 0.00	28.70 1.21 0.00	29.99 1.34 0.00	31.61 1.53 0.00	32.97 1.75 0.00	40.19 1.96 0.00	42.10 1.99 0.00	41.69 2.10 0.00	45.25 2.35 0.00	45.61 2.41 0.00	52.59 3.01 0.00	60.43 3.51 0.00	56.11 3.41 0.00	95.98 6.19 0.00	414.95 25.94 0.00	228.53 14.00 0.00	56.62 2.98 -7.71	56.51 2.76 -9.07	54.11 2.90 -2.22	44.08 2.52 0.00	37.26 2.02 0.00
KIAC_JFK_GT1 23816	28.77 1.51 0.00	35.90 1.64 -0.45	28.84 1.35 0.00	29.60 1.39 0.00	28.94 1.45 0.00	30.26 1.61 0.00	33.02 1.78 -1.16	43.57 2.05 -10.30	40.52 2.29 0.00	42.30 2.20 0.00	41.97 2.37 0.00	45.53 2.63 0.00	45.87 2.67 0.00	52.62 3.03 0.00	60.33 3.41 0.00	55.81 3.11 0.00	95.34 5.54 0.00	410.78 21.77 0.00	224.81 10.28 0.00	54.11 2.19 -5.98	53.71 2.00 -7.04	52.89 2.18 -1.72	43.65 2.10 0.00	38.80 1.84 -1.71
KIAC_JFK_GT2 23817	28.77 1.51 0.00	35.90 1.64 -0.45	28.84 1.35 0.00	29.60 1.39 0.00	28.94 1.45 0.00	30.26 1.61 0.00	33.02 1.78 -1.16	43.57 2.05 -10.30	40.52 2.29 0.00	42.30 2.20 0.00	41.97 2.37 0.00	45.53 2.63 0.00	45.87 2.67 0.00	52.62 3.03 0.00	60.33 3.41 0.00	55.81 3.11 0.00	95.34 5.54 0.00	410.78 21.77 0.00	224.81 10.28 0.00	54.11 2.19 -5.98	53.71 2.00 -7.04	52.89 2.18 -1.72	43.65 2.10 0.00	38.80 1.84 -1.71
KIAC_JFK____ 323774	28.77 1.51 0.00	35.90 1.64 -0.45	28.84 1.35 0.00	29.60 1.39 0.00	28.94 1.45 0.00	30.26 1.61 0.00	33.02 1.78 -1.16	43.57 2.05 -10.30	40.53 2.30 0.00	42.30 2.20 0.00	41.97 2.37 0.00	45.53 2.64 0.00	45.87 2.67 0.00	52.63 3.04 0.00	60.33 3.41 0.00	55.81 3.11 0.00	95.35 5.56 0.00	410.80 21.79 0.00	224.79 10.26 0.00	54.11 2.19 -5.98	53.71 2.00 -7.04	52.89 2.18 -1.72	43.65 2.10 0.00	38.80 1.84 -1.71
KINTIGH____ 23543	27.92 0.66 0.00	34.29 0.47 0.00	27.63 0.14 0.00	28.28 0.07 0.00	27.55 0.06 0.00	28.36 -0.29 0.00	29.40 -0.69 0.00	30.16 -1.06 0.00	37.71 -0.52 0.00	39.99 -0.12 0.00	40.11 0.51 0.00	43.94 1.05 0.00	44.58 1.38 0.00	51.54 1.95 0.00	59.12 2.21 0.00	54.96 2.26 0.00	93.86 4.07 0.00	403.29 14.28 0.00	221.84 7.31 0.00	47.61 1.67 0.00	45.91 1.24 0.00	50.33 1.34 0.00	43.17 1.62 0.00	36.88 1.64 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	28.66 1.39 0.00	35.63 1.82 0.00	28.84 1.35 0.00	29.29 1.08 0.00	28.44 0.95 0.00	29.65 1.00 0.00	31.49 1.41 0.00	32.78 1.57 0.00	40.19 1.96 0.00	42.33 2.23 0.00	41.45 1.86 0.00	44.85 1.96 0.00	45.12 1.92 0.00	51.52 1.93 0.00	58.60 1.68 0.00	53.77 1.07 0.00	90.64 0.85 0.00	390.11 1.10 0.00	214.20 -0.33 0.00	8.95 -2.87 34.12	43.97 -0.71 0.00	48.46 -0.54 0.00	39.88 -1.67 0.00	34.04 -1.20 0.00
LACHUTE__HYDRO 323717	30.72 3.46 0.00	38.30 4.41 -0.07	30.87 3.38 0.00	31.52 3.31 0.00	30.82 3.33 0.00	32.07 3.41 0.00	34.57 4.31 -0.18	37.32 4.49 -1.62	42.77 4.54 0.00	44.53 4.42 0.00	43.65 4.06 0.00	48.26 5.37 0.00	48.55 5.35 0.00	55.27 5.68 0.00	63.73 6.81 0.00	59.47 6.77 0.00	102.82 13.02 0.00	451.11 62.10 0.00	247.55 33.02 0.00	118.87 7.33 -65.60	128.88 6.98 -77.23	75.77 7.91 -18.86	47.86 6.31 0.00	40.78 5.27 -0.27
LAWRNCV_115KV_TB1 80681	26.85 -0.41 0.00	33.28 -0.53 0.00	27.01 -0.48 0.00	27.67 -0.55 0.00	26.86 -0.63 0.00	28.10 -0.56 0.00	29.40 -0.69 0.00	30.71 -0.50 0.00	37.79 -0.52 -0.07	39.67 -0.54 -0.11	38.64 -0.97 -0.01	41.64 -1.35 -0.09	41.82 -1.48 -0.10	48.21 -1.66 -0.28	55.52 -1.88 -0.49	51.28 -1.78 -0.37	86.93 -3.40 -0.53	377.49 -12.70 -1.17	209.07 -6.61 -1.15	48.04 -2.02 -4.12	43.12 -1.70 -0.14	48.01 -1.30 -0.31	40.20 -1.41 -0.06	34.04 -1.20 0.00
LEDERLE____ 23769	28.49 1.22 0.00	34.46 1.30 0.65	28.60 1.11 0.00	29.38 1.17 0.00	28.73 1.25 0.00	30.03 1.38 0.00	29.91 1.51 1.68	17.88 1.68 15.02	40.04 1.80 0.00	41.88 1.77 0.00	41.49 1.90 0.00	45.09 2.20 0.00	45.49 2.29 0.00	52.32 2.74 0.00	60.06 3.14 0.00	55.74 3.05 0.00	95.21 5.42 0.00	410.50 21.49 0.00	225.26 10.74 0.00	53.88 2.27 -5.66	53.45 2.10 -6.67	52.87 2.25 -1.63	43.58 2.03 0.00	34.43 1.68 2.49
LIGHTHSE_115KV_TB6 355974	27.33 0.07 0.00	33.75 -0.07 0.00	27.46 -0.03 0.00	28.17 -0.04 0.00	27.46 -0.03 0.00	28.62 -0.04 0.00	29.97 -0.12 0.00	30.92 -0.29 0.00	38.64 -0.22 -0.62	40.86 -0.19 -0.94	39.60 -0.11 -0.11	43.61 -0.02 -0.74	44.11 0.08 -0.83	52.16 0.18 -2.39	61.39 0.30 -4.17	56.30 0.44 -3.17	96.37 0.94 -5.63	404.84 5.80 -10.02	227.11 2.77 -9.81	47.94 0.57 -1.43	46.47 0.65 -1.15	52.41 0.75 -2.67	42.61 0.57 -0.48	35.62 0.37 0.00
LINDEN COGEN____ 23786	28.51 1.25 0.00	35.61 1.35 -0.45	28.63 1.14 0.00	29.38 1.17 0.00	28.73 1.25 0.00	30.05 1.40 0.00	32.85 1.61 -1.16	43.40 1.88 -10.30	40.31 2.08 0.00	42.09 1.99 0.00	41.66 2.07 0.00	45.19 2.30 0.00	45.57 2.37 0.00	52.34 2.75 0.00	59.95 3.03 0.00	55.57 2.88 0.00	94.76 4.97 0.00	408.03 19.01 0.00	223.70 9.17 0.00	53.92 2.01 -5.97	53.60 1.89 -7.03	52.73 2.02 -1.72	43.51 1.96 0.00	38.67 1.72 -1.71
LINDHRST_69_KV_BK1 356055	29.05 1.79 0.00	36.49 2.23 -0.45	29.32 1.83 0.00	30.05 1.83 0.00	29.39 1.90 0.00	30.82 2.17 0.00	37.69 2.52 -5.08	44.22 2.60 -10.40	40.90 2.67 0.00	42.52 2.41 0.00	42.12 2.53 0.00	45.87 2.98 0.00	46.27 3.07 0.00	53.25 3.66 0.00	49.73 3.54 10.73	55.96 3.41 0.15	75.86 6.11 20.04	335.94 24.35 77.43	225.34 12.76 1.95	51.73 2.77 -3.01	54.42 2.71 -7.03	53.65 2.94 -1.72	44.52 2.96 0.00	39.33 2.36 -1.73
LIPA_MISC_IPP 23656	28.38 1.11 0.00	35.75 1.49 -0.45	28.73 1.24 0.00	29.49 1.28 0.00	28.83 1.35 0.00	30.32 1.67 0.00	37.18 2.01 -5.08	43.59 1.98 -10.40	40.08 1.85 0.00	41.72 1.62 0.00	41.35 1.76 0.00	45.00 2.11 0.00	45.35 2.16 0.00	52.33 2.75 0.00	53.29 2.38 6.02	54.93 2.30 0.06	71.86 4.30 22.23	324.18 15.20 80.02	221.06 7.28 0.75	50.34 1.71 -2.69	53.44 1.73 -7.03	52.46 1.75 -1.72	43.40 1.85 0.00	38.36 1.39 -1.73
LISF__SOLAR 323691	28.44 1.18 0.00	35.82 1.56 -0.45	28.80 1.30 0.00	29.55 1.34 0.00	28.89 1.41 0.00	30.38 1.73 0.00	37.25 2.08 -5.08	43.66 2.05 -10.40	40.19 1.95 0.00	41.81 1.70 0.00	41.43 1.84 0.00	45.09 2.20 0.00	45.44 2.25 0.00	52.45 2.86 0.00	53.40 2.54 6.06	55.06 2.43 0.06	72.19 4.60 22.21	325.46 16.44 79.98	221.77 8.01 0.76	50.51 1.88 -2.69	53.61 1.91 -7.03	52.63 1.92 -1.72	43.53 1.98 0.00	38.46 1.49 -1.73

LITTLE FALLS___HYD 24013	27.66 0.39 0.00	34.28 0.46 0.00	27.93 0.44 0.00	28.69 0.47 0.00	28.00 0.52 0.00	29.22 0.57 0.00	30.84 0.76 0.00	31.83 0.62 0.00	38.53 0.30 0.00	40.08 -0.03 0.00	39.80 0.20 0.00	43.22 0.33 0.00	43.50 0.30 0.00	49.94 0.35 0.00	57.34 0.42 0.00	53.25 0.55 0.00	91.15 1.35 0.00	394.65 5.63 0.00	220.12 5.59 0.00	47.71 1.78 0.00	46.46 1.78 0.00	50.85 1.86 0.00	42.92 1.37 0.00	36.21 0.96 0.00
LITTLRIV_115KV_TB1 356100	27.22 -0.04 0.00	33.72 -0.09 0.00	27.35 -0.14 0.00	28.01 -0.20 0.00	27.19 -0.29 0.00	28.47 -0.18 0.00	29.80 -0.28 0.00	31.09 -0.12 0.00	38.15 -0.16 -0.08	40.00 -0.23 -0.12	38.89 -0.72 -0.01	41.87 -1.12 -0.09	42.02 -1.28 -0.11	48.50 -1.39 -0.30	55.89 -1.55 -0.52	51.68 -1.42 -0.40	87.80 -2.70 -0.71	381.34 -8.93 -1.26	213.01 -2.75 -1.23	49.31 -1.18 -4.55	43.89 -0.93 -0.14	48.81 -0.52 -0.33	40.83 -0.78 -0.06	34.54 -0.71 0.00
LI_NEWBRDGE___DRP 323616	28.59 1.33 0.00	35.88 1.62 -0.45	28.84 1.35 0.00	29.59 1.37 0.00	28.93 1.45 0.00	30.32 1.67 0.00	37.11 1.95 -5.08	43.64 2.03 -10.40	40.22 1.99 0.00	41.86 1.75 0.00	41.49 1.90 0.00	45.17 2.27 0.00	45.56 2.37 0.00	52.39 2.80 0.00	56.62 2.74 3.04	55.29 2.60 0.01	70.92 4.51 23.39	325.58 17.47 80.90	223.30 8.77 0.00	50.39 1.93 -2.52	53.56 1.85 -7.03	52.71 2.00 -1.72	43.64 2.09 0.00	38.66 1.69 -1.73
LOCKPORT_115KV_TB60_63_64 80432	28.21 0.95 0.00	34.54 0.73 0.00	27.79 0.30 0.00	28.42 0.20 0.00	27.66 0.18 0.00	28.39 -0.26 0.00	29.34 -0.75 0.00	30.02 -1.19 0.00	37.69 -0.54 0.00	40.01 -0.09 0.00	40.25 0.66 0.00	44.18 1.29 0.00	44.96 1.77 0.00	52.01 2.42 0.00	59.53 2.61 0.00	55.33 2.63 0.00	94.54 4.75 0.00	405.98 16.97 0.00	223.31 8.78 0.00	47.99 2.05 0.00	46.23 1.55 0.00	50.64 1.64 0.00	43.55 1.99 0.00	37.26 2.01 0.00
LOCKPORT___CC1 323769	28.12 0.85 0.00	34.43 0.61 0.00	27.70 0.21 0.00	28.32 0.10 0.00	27.57 0.08 0.00	28.29 -0.36 0.00	29.24 -0.85 0.00	29.91 -1.30 0.00	37.57 -0.67 0.00	39.83 -0.27 0.00	40.04 0.45 0.00	43.94 1.04 0.00	44.73 1.53 0.00	51.72 2.13 0.00	59.22 2.30 0.00	55.02 2.33 0.00	93.92 4.13 0.00	403.66 14.65 0.00	222.09 7.57 0.00	47.72 1.78 0.00	45.98 1.30 0.00	50.38 1.39 0.00	43.34 1.79 0.00	37.08 1.83 0.00
LOCKPORT___CC2 323770	28.12 0.85 0.00	34.43 0.61 0.00	27.70 0.21 0.00	28.32 0.10 0.00	27.57 0.08 0.00	28.29 -0.36 0.00	29.24 -0.85 0.00	29.91 -1.30 0.00	37.57 -0.67 0.00	39.83 -0.27 0.00	40.04 0.45 0.00	43.94 1.04 0.00	44.73 1.53 0.00	51.72 2.13 0.00	59.22 2.30 0.00	55.02 2.33 0.00	93.92 4.13 0.00	403.66 14.65 0.00	222.09 7.57 0.00	47.72 1.78 0.00	45.98 1.30 0.00	50.38 1.39 0.00	43.34 1.79 0.00	37.08 1.83 0.00
LOCKPORT___CC3 323771	28.12 0.85 0.00	34.43 0.61 0.00	27.70 0.21 0.00	28.32 0.10 0.00	27.57 0.08 0.00	28.29 -0.36 0.00	29.24 -0.85 0.00	29.91 -1.30 0.00	37.57 -0.67 0.00	39.83 -0.27 0.00	40.04 0.45 0.00	43.94 1.04 0.00	44.73 1.53 0.00	51.72 2.13 0.00	59.22 2.30 0.00	55.02 2.33 0.00	93.92 4.13 0.00	403.66 14.65 0.00	222.09 7.57 0.00	47.72 1.78 0.00	45.98 1.30 0.00	50.38 1.39 0.00	43.34 1.79 0.00	37.08 1.83 0.00
LONG_LAKE_PHOENIX 24014	27.11 -0.16 0.00	33.64 -0.17 0.00	27.27 -0.22 0.00	27.98 -0.24 0.00	27.27 -0.22 0.00	28.38 -0.27 0.00	29.75 -0.34 0.00	30.75 -0.47 0.00	38.64 -0.47 -0.88	40.95 -0.47 -1.31	39.48 -0.27 -0.15	43.77 -0.17 -1.04	44.25 -0.12 -1.17	52.92 -0.04 -3.37	62.87 0.09 -5.86	57.29 0.14 -4.45	98.25 0.55 -7.91	405.65 2.56 -14.08	229.21 0.89 -13.79	48.14 0.19 -2.01	46.43 0.14 -1.62	52.86 0.12 -3.75	42.36 0.12 -0.68	35.32 0.08 0.00
LOVETT___3 23632	28.28 1.01 0.00	34.21 1.07 0.68	28.44 0.95 0.00	29.22 1.01 0.00	28.58 1.09 0.00	29.87 1.22 0.00	29.65 1.32 1.75	17.04 1.46 15.63	39.73 1.50 0.00	41.54 1.43 0.00	41.14 1.55 0.00	44.69 1.80 0.00	45.07 1.88 0.00	51.79 2.21 0.00	59.43 2.51 0.00	55.15 2.45 0.00	94.19 4.40 0.00	406.00 16.99 0.00	222.92 8.40 0.00	53.43 1.79 -5.70	53.03 1.65 -6.70	52.40 1.77 -1.64	43.20 1.65 0.00	34.03 1.38 2.59
LOVETT___4 23642	28.28 1.01 0.00	34.21 1.07 0.68	28.44 0.95 0.00	29.22 1.01 0.00	28.58 1.09 0.00	29.87 1.22 0.00	29.65 1.32 1.75	17.04 1.46 15.63	39.73 1.50 0.00	41.54 1.43 0.00	41.14 1.55 0.00	44.69 1.80 0.00	45.07 1.88 0.00	51.79 2.21 0.00	59.43 2.51 0.00	55.15 2.45 0.00	94.19 4.40 0.00	406.00 16.99 0.00	222.92 8.40 0.00	53.43 1.79 -5.70	53.03 1.65 -6.70	52.40 1.77 -1.64	43.20 1.65 0.00	34.03 1.38 2.59
LOVETT___5 23593	28.28 1.01 0.00	34.21 1.07 0.68	28.44 0.95 0.00	29.22 1.01 0.00	28.58 1.09 0.00	29.87 1.22 0.00	29.65 1.32 1.75	17.04 1.46 15.63	39.73 1.50 0.00	41.54 1.43 0.00	41.14 1.55 0.00	44.69 1.80 0.00	45.07 1.88 0.00	51.79 2.21 0.00	59.43 2.51 0.00	55.15 2.45 0.00	94.19 4.40 0.00	406.00 16.99 0.00	222.92 8.40 0.00	53.43 1.79 -5.70	53.03 1.65 -6.70	52.40 1.77 -1.64	43.20 1.65 0.00	34.03 1.38 2.59
LOWER RAQUET___HYD 24057	26.79 -0.48 0.00	33.19 -0.62 0.00	26.94 -0.56 0.00	27.59 -0.63 0.00	26.78 -0.71 0.00	28.01 -0.64 0.00	29.30 -0.79 0.00	30.61 -0.61 0.00	37.66 -0.66 -0.08	39.54 -0.69 -0.12	38.49 -1.12 -0.01	41.48 -1.51 -0.10	41.66 -1.65 -0.11	48.07 -1.83 -0.32	55.39 -2.09 -0.56	51.16 -1.96 -0.42	86.86 -3.68 -0.75	376.62 -13.73 -1.34	208.85 -6.99 -1.31	48.79 -2.12 -4.96	43.07 -1.77 -0.15	47.97 -1.38 -0.36	40.09 -1.53 -0.07	33.92 -1.32 0.00
LOWER___HUDSON 24059	28.18 0.92 0.00	35.07 1.18 -0.08	28.54 1.05 0.00	29.29 1.08 0.00	28.60 1.11 0.00	29.78 1.13 0.00	31.61 1.33 -0.20	34.29 1.33 -1.75	39.55 1.31 0.00	41.48 1.38 0.00	40.88 1.29 0.00	44.52 1.62 0.00	44.83 1.63 0.00	51.29 1.70 0.00	58.85 1.93 0.00	54.44 1.75 0.00	92.90 3.11 0.00	405.33 16.32 0.00	224.06 9.53 0.00	103.43 2.28 -55.21	111.92 2.23 -65.01	67.27 2.40 -15.88	43.50 1.95 0.00	37.14 1.60 -0.29
LOWVILLE_115KV_TB2 356335	27.96 0.70 0.00	34.52 0.71 0.00	28.03 0.54 0.00	28.75 0.54 0.00	28.01 0.53 0.00	29.26 0.61 0.00	30.66 0.57 0.00	31.76 0.54 0.00	39.22 0.80 -0.19	41.16 0.77 -0.28	40.33 0.70 -0.03	43.85 0.74 -0.22	44.19 0.75 -0.25	51.28 0.97 -0.72	59.43 1.26 -1.25	54.96 1.31 -0.95	93.84 2.36 -1.69	406.48 14.47 -3.00	225.35 7.88 -2.94	49.30 1.56 -1.79	46.95 1.93 -0.34	52.13 2.34 -0.80	43.25 1.55 -0.14	36.11 0.86 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	28.80 1.54 0.00	35.80 1.91 -0.07	29.07 1.58 0.00	29.85 1.64 0.00	29.13 1.65 0.00	30.38 1.73 0.00	32.31 2.04 -0.18	34.93 2.06 -1.65	40.45 2.21 0.00	42.43 2.33 0.00	41.78 2.19 0.00	45.56 2.67 0.00	45.95 2.75 0.00	52.66 3.07 0.00	60.54 3.62 0.00	56.09 3.40 0.00	95.86 6.07 0.00	418.50 29.49 0.00	231.65 17.12 0.00	113.33 3.90 -63.48	123.23 3.81 -74.74	71.36 4.11 -18.26	44.86 3.31 0.00	38.19 2.67 -0.28

LUTHERNY_35_KV_BK2 355980	28.80 1.54 0.00	35.80 1.92 -0.07	29.06 1.57 0.00	29.84 1.63 0.00	29.13 1.65 0.00	30.40 1.75 0.00	32.32 2.05 -0.18	34.95 2.08 -1.65	40.47 2.23 0.00	42.50 2.39 0.00	41.81 2.22 0.00	45.57 2.68 0.00	46.01 2.82 0.00	52.77 3.18 0.00	60.62 3.70 0.00	56.18 3.48 0.00	95.97 6.18 0.00	419.00 29.99 0.00	231.90 17.37 0.00	113.39 3.96 -63.48	123.31 3.88 -74.74	71.45 4.20 -18.26	44.91 3.35 0.00	38.23 2.71 -0.28
LWR___OSWEGATCHIE_HYD 23850	27.22 -0.05 0.00	33.63 -0.18 0.00	27.30 -0.19 0.00	27.99 -0.22 0.00	27.23 -0.25 0.00	28.46 -0.19 0.00	29.79 -0.30 0.00	30.99 -0.22 0.00	38.21 -0.19 -0.16	40.13 -0.22 -0.24	39.16 -0.46 -0.03	42.45 -0.63 -0.19	42.77 -0.65 -0.22	49.62 -0.59 -0.62	57.47 -0.53 -1.08	53.17 -0.35 -0.82	90.72 -0.54 -1.46	393.08 1.47 -2.60	218.02 0.94 -2.55	49.54 -0.01 -3.61	45.30 0.32 -0.30	50.44 0.75 -0.69	41.83 0.15 -0.13	35.13 -0.12 0.00
LYONS_FALL_HYD 23570	27.99 0.73 0.00	34.59 0.78 0.00	28.10 0.61 0.00	28.83 0.61 0.00	28.09 0.60 0.00	29.32 0.67 0.00	30.77 0.69 0.00	31.88 0.67 0.00	39.28 0.90 -0.14	41.24 0.93 -0.20	40.54 0.92 -0.02	44.11 1.06 -0.16	44.49 1.11 -0.18	51.49 1.37 -0.52	59.59 1.76 -0.91	55.05 1.66 -0.69	94.09 3.07 -1.23	407.54 16.33 -2.19	225.56 8.89 -2.14	48.98 1.82 -1.22	46.92 2.00 -0.25	51.87 2.29 -0.59	43.27 1.61 -0.11	36.28 1.04 0.00
MADISON___COUNTY_LFGE 323628	28.19 0.93 0.00	34.90 1.08 0.00	28.33 0.84 0.00	29.06 0.85 0.00	28.33 0.85 0.00	29.57 0.92 0.00	31.08 1.00 0.00	32.19 0.97 0.00	39.61 1.23 -0.14	41.61 1.29 -0.21	41.00 1.38 -0.03	44.83 1.77 -0.17	45.30 1.91 -0.19	52.44 2.30 -0.55	60.80 2.92 -0.96	55.92 2.49 -0.73	96.00 4.92 -1.28	414.58 23.27 -2.30	229.34 12.56 -2.25	48.96 2.70 -0.33	47.43 2.49 -0.26	52.27 2.66 -0.62	43.73 2.06 -0.11	36.80 1.55 0.00
MALONE___115KV_TB1 356076	27.73 0.47 0.00	34.35 0.54 0.00	27.86 0.37 0.00	28.45 0.23 0.00	27.61 0.12 0.00	28.84 0.19 0.00	30.40 0.31 0.00	31.77 0.55 0.00	39.03 0.80 0.00	41.03 0.93 0.00	40.12 0.53 0.00	43.27 0.38 0.00	43.53 0.33 0.00	49.94 0.35 0.00	57.19 0.27 0.00	52.70 0.01 0.00	89.27 -0.52 0.00	386.51 -2.50 0.00	213.49 -1.04 0.00	65.45 -1.70 -21.21	44.02 -0.66 0.00	48.47 -0.53 0.00	40.26 -1.29 0.00	34.34 -0.90 0.00
MAPLEWOD_115KV_TB3 80458	27.99 0.73 0.00	34.78 0.89 -0.07	28.31 0.82 0.00	29.05 0.84 0.00	28.36 0.88 0.00	29.53 0.88 0.00	31.33 1.05 -0.19	33.98 1.06 -1.71	39.32 1.09 0.00	41.23 1.12 0.00	40.70 1.11 0.00	44.31 1.41 0.00	44.65 1.46 0.00	51.17 1.58 0.00	58.70 1.79 0.00	54.37 1.68 0.00	92.81 3.02 0.00	403.73 14.72 0.00	223.06 8.54 0.00	93.05 2.03 -45.09	99.70 1.94 -53.08	64.02 2.06 -12.97	43.21 1.66 0.00	36.89 1.36 -0.28
MAPLE_RIDGE_WT_1 323574	27.02 -0.25 0.00	33.49 -0.32 0.00	27.21 -0.28 0.00	27.89 -0.32 0.00	27.11 -0.38 0.00	28.25 -0.41 0.00	29.62 -0.47 0.00	30.84 -0.37 0.00	37.95 -0.28 0.00	39.91 -0.20 0.00	39.16 -0.43 0.00	42.30 -0.60 0.00	42.53 -0.67 0.00	48.70 -0.89 0.00	55.90 -1.01 0.00	51.63 -1.07 0.00	87.62 -2.17 0.00	378.13 -10.88 0.00	210.14 -4.39 0.00	44.79 -1.15 0.00	43.82 -0.86 0.00	47.91 -1.09 0.00	40.36 -1.19 0.00	33.92 -1.32 0.00
MAPLE_RIDGE_WT_2 323611	27.02 -0.25 0.00	33.49 -0.32 0.00	27.21 -0.28 0.00	27.89 -0.32 0.00	27.11 -0.38 0.00	28.25 -0.41 0.00	29.62 -0.47 0.00	30.84 -0.37 0.00	37.95 -0.28 0.00	39.91 -0.20 0.00	39.16 -0.43 0.00	42.30 -0.60 0.00	42.53 -0.67 0.00	48.70 -0.89 0.00	55.90 -1.01 0.00	51.63 -1.07 0.00	87.62 -2.17 0.00	378.13 -10.88 0.00	210.14 -4.39 0.00	44.79 -1.15 0.00	43.82 -0.86 0.00	47.91 -1.09 0.00	40.36 -1.19 0.00	33.92 -1.32 0.00
MARBLE_RIVER_WT_PWR 323696	27.89 0.63 0.00	34.59 0.78 0.00	28.06 0.57 0.00	28.59 0.38 0.00	27.76 0.28 0.00	28.97 0.32 0.00	30.62 0.54 0.00	31.90 0.68 0.00	39.18 0.94 0.00	41.21 1.11 0.00	40.35 0.75 0.00	43.56 0.66 0.00	43.80 0.60 0.00	50.12 0.54 0.00	57.23 0.31 0.00	52.70 0.01 0.00	89.04 -0.75 0.00	383.81 -5.21 0.00	211.51 -3.02 0.00	9.89 -2.73 33.32	43.56 -1.12 0.00	47.92 -1.07 0.00	39.60 -1.95 0.00	33.87 -1.38 0.00
MARSHVLE_115KV_TB1 80742	29.11 1.84 0.00	35.97 2.16 0.00	29.14 1.65 0.00	29.92 1.71 0.00	29.11 1.63 0.00	30.37 1.72 0.00	31.86 1.78 0.00	32.96 1.74 0.00	40.28 2.04 0.00	42.01 1.91 0.00	41.64 2.05 0.00	44.97 2.07 0.00	45.21 2.02 0.00	52.41 2.82 0.00	60.18 3.26 0.00	55.99 3.30 0.00	95.52 5.72 0.00	412.40 23.39 0.00	229.77 15.24 0.00	107.72 3.41 -58.37	116.78 3.40 -68.71	69.59 3.82 -16.78	44.62 3.07 0.00	37.72 2.48 0.00
MARSH_HILL_WT_PWR 323713	28.38 1.12 0.00	34.69 0.88 0.00	27.98 0.49 0.00	28.60 0.39 0.00	27.90 0.41 0.00	28.85 0.19 0.00	30.11 0.03 0.00	31.26 0.05 0.00	39.35 1.02 -0.10	41.38 1.13 -0.15	40.97 1.36 -0.02	44.85 1.84 -0.12	45.03 1.70 -0.13	52.01 2.03 -0.39	59.66 2.08 -0.67	54.99 1.78 -0.51	94.59 3.88 -0.91	407.68 17.06 -1.61	225.17 9.06 -1.58	47.44 1.27 -0.23	46.76 1.90 -0.19	52.01 2.58 -0.43	43.90 2.27 -0.08	37.11 1.86 0.00
MCINTYRE_115KV_TB2 80467	27.46 0.20 0.00	34.03 0.22 0.00	27.60 0.11 0.00	28.26 0.05 0.00	27.43 -0.06 0.00	28.73 0.08 0.00	30.09 0.01 0.00	31.35 0.14 0.00	38.31 0.08 0.00	40.09 -0.02 0.00	39.04 -0.56 0.00	41.92 -0.97 0.00	42.06 -1.14 0.00	48.37 -1.22 0.00	55.54 -1.38 0.00	51.44 -1.26 0.00	87.36 -2.43 0.00	381.51 -7.51 0.00	213.75 -0.78 0.00	48.98 -0.69 -3.73	44.17 -0.50 0.00	48.90 -0.09 0.00	41.17 -0.39 0.00	34.89 -0.35 0.00
MECO_____69_KV_BK1 80468	30.02 2.76 0.00	37.15 3.33 0.00	30.10 2.61 0.00	30.99 2.78 0.00	30.16 2.67 0.00	31.54 2.89 0.00	33.12 3.04 0.00	34.03 2.82 0.00	40.75 2.52 0.00	40.71 0.60 0.00	40.96 1.37 0.00	43.47 0.58 0.00	43.27 0.08 0.00	51.37 1.79 0.00	58.10 1.19 0.00	55.26 2.56 0.00	95.77 5.98 0.00	416.21 27.20 0.00	243.99 29.46 0.00	114.43 6.74 -61.75	124.04 6.67 -72.70	73.89 7.14 -17.76	47.18 5.63 0.00	39.72 4.48 0.00
MENANDS___115KV_TB5 355628	27.79 0.52 0.00	34.52 0.64 -0.07	28.11 0.62 0.00	28.85 0.64 0.00	28.17 0.68 0.00	29.33 0.68 0.00	31.11 0.83 -0.19	33.76 0.83 -1.71	39.01 0.78 0.00	40.92 0.81 0.00	40.39 0.79 0.00	43.97 1.08 0.00	44.28 1.08 0.00	50.73 1.14 0.00	58.19 1.27 0.00	53.85 1.15 0.00	91.94 2.14 0.00	399.79 10.78 0.00	220.85 6.32 0.00	90.71 1.51 -43.25	97.06 1.46 -50.92	62.96 1.53 -12.44	42.80 1.24 0.00	36.57 1.04 -0.28
MG INDUSTRY___DRP 24185	27.84 0.58 0.00	34.60 0.72 -0.07	28.16 0.67 0.00	28.94 0.73 0.00	28.23 0.74 0.00	29.39 0.74 0.00	31.10 0.85 -0.17	33.52 0.78 -1.52	38.99 0.75 0.00	40.80 0.70 0.00	40.13 0.54 0.00	43.57 0.68 0.00	43.81 0.61 0.00	50.16 0.57 0.00	57.52 0.60 0.00	53.24 0.54 0.00	91.13 1.34 0.00	395.94 6.92 0.00	219.36 4.84 0.00	73.81 1.36 -26.51	77.24 1.36 -31.21	58.09 1.48 -7.62	42.78 1.23 0.00	36.54 1.04 -0.25

MID___OSWEGATCHIE_HYD 23849	27.22 -0.05 0.00	33.63 -0.18 0.00	27.30 -0.19 0.00	27.99 -0.22 0.00	27.23 -0.25 0.00	28.46 -0.19 0.00	29.79 -0.30 0.00	30.99 -0.22 0.00	38.21 -0.19 -0.16	40.13 -0.22 -0.24	39.16 -0.46 -0.03	42.45 -0.63 -0.19	42.77 -0.65 -0.22	49.62 -0.59 -0.62	57.47 -0.53 -1.08	53.17 -0.35 -0.82	90.72 -0.54 -1.46	393.08 1.47 -2.60	218.02 0.94 -2.55	49.54 -0.01 -3.61	45.30 0.32 -0.30	50.44 0.75 -0.69	41.83 0.15 -0.13	35.13 -0.12 0.00
MID___RAQUETTE_HYD 23851	26.79 -0.48 0.00	33.19 -0.62 0.00	26.94 -0.56 0.00	27.59 -0.63 0.00	26.78 -0.71 0.00	28.01 -0.64 0.00	29.30 -0.79 0.00	30.61 -0.61 0.00	37.66 -0.66 -0.08	39.54 -0.69 -0.12	38.49 -1.12 -0.01	41.48 -1.51 -0.10	41.66 -1.65 -0.11	48.07 -1.83 -0.32	55.39 -2.09 -0.56	51.16 -1.96 -0.42	86.86 -3.68 -0.75	376.62 -13.74 -1.34	208.85 -6.99 -1.31	48.79 -2.12 -4.96	43.07 -1.77 -0.15	47.97 -1.38 -0.36	40.09 -1.53 -0.07	33.92 -1.32 0.00
MILLIKEN___1 23584	28.07 0.80 0.00	34.74 0.93 0.00	28.19 0.70 0.00	28.97 0.76 0.00	28.19 0.71 0.00	29.38 0.72 0.00	30.84 0.75 0.00	31.96 0.74 0.00	39.65 1.12 -0.30	41.79 1.23 -0.45	40.86 1.21 -0.05	44.94 1.69 -0.36	45.32 1.72 -0.40	52.86 2.14 -1.15	61.44 2.53 -1.99	56.66 2.45 -1.51	97.53 5.05 -2.70	413.06 19.27 -4.79	229.91 10.69 -4.68	50.05 2.47 -1.64	47.48 2.24 -0.55	52.67 2.38 -1.29	43.75 1.96 -0.23	36.77 1.53 0.00
MILLIKEN___2 23585	28.07 0.80 0.00	34.74 0.93 0.00	28.19 0.70 0.00	28.97 0.76 0.00	28.19 0.71 0.00	29.38 0.72 0.00	30.84 0.75 0.00	31.96 0.74 0.00	39.65 1.12 -0.30	41.79 1.23 -0.45	40.86 1.21 -0.05	44.94 1.69 -0.36	45.32 1.72 -0.40	52.86 2.14 -1.15	61.44 2.53 -1.99	56.66 2.45 -1.51	97.53 5.05 -2.70	413.06 19.27 -4.79	229.91 10.69 -4.68	50.05 2.47 -1.64	47.48 2.24 -0.55	52.67 2.38 -1.29	43.75 1.96 -0.23	36.77 1.53 0.00
MILLIKEN___DIESEL 23629	28.07 0.80 0.00	34.74 0.93 0.00	28.19 0.70 0.00	28.97 0.76 0.00	28.19 0.71 0.00	29.38 0.72 0.00	30.84 0.75 0.00	31.96 0.74 0.00	39.65 1.12 -0.30	41.79 1.23 -0.45	40.86 1.21 -0.05	44.94 1.69 -0.36	45.32 1.72 -0.40	52.86 2.14 -1.15	61.44 2.53 -1.99	56.66 2.45 -1.51	97.53 5.05 -2.70	413.06 19.27 -4.79	229.91 10.69 -4.68	50.05 2.47 -1.64	47.48 2.24 -0.55	52.67 2.38 -1.29	43.75 1.96 -0.23	36.77 1.53 0.00
MILLSEAT___LFGE 323607	28.80 1.54 0.00	35.27 1.46 0.00	28.38 0.88 0.00	29.01 0.79 0.00	28.24 0.76 0.00	29.06 0.41 0.00	30.12 0.03 0.00	30.93 -0.28 0.00	38.75 0.52 0.00	41.06 0.95 0.00	41.33 1.74 0.00	45.25 2.35 0.00	46.16 2.96 0.00	53.57 3.98 0.00	61.31 4.39 0.00	56.87 4.17 0.00	97.18 7.39 0.00	418.79 29.78 0.00	230.51 15.98 0.00	49.56 3.62 0.00	47.74 3.07 0.00	52.25 3.26 0.00	44.74 3.19 0.00	38.13 2.88 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	28.45 1.18 0.00	35.60 1.29 -0.50	28.58 1.09 0.00	29.34 1.13 0.00	28.68 1.20 0.00	29.98 1.33 0.00	32.89 1.52 -1.29	44.42 1.71 -11.50	40.06 1.83 0.00	41.89 1.78 0.00	41.49 1.90 0.00	45.06 2.17 0.00	45.42 2.22 0.00	52.15 2.57 0.00	59.79 2.87 0.00	55.46 2.76 0.00	94.66 4.87 0.00	408.47 19.46 0.00	224.30 9.77 0.00	54.00 2.12 -5.93	53.64 1.98 -6.98	52.81 2.12 -1.71	43.53 1.98 0.00	38.81 1.66 -1.91
MILLWOOD_13_KV_LOAD 356217	28.54 1.27 0.00	35.71 1.40 -0.50	28.66 1.17 0.00	29.42 1.21 0.00	28.76 1.28 0.00	30.07 1.42 0.00	33.00 1.62 -1.29	44.54 1.82 -11.50	40.22 1.98 0.00	42.05 1.95 0.00	41.65 2.06 0.00	45.25 2.35 0.00	45.64 2.44 0.00	52.41 2.83 0.00	60.09 3.17 0.00	55.74 3.05 0.00	95.18 5.38 0.00	410.63 21.62 0.00	225.44 10.92 0.00	54.23 2.36 -5.93	53.86 2.20 -6.98	53.04 2.34 -1.71	43.70 2.15 0.00	38.96 1.81 -1.91
MODEL_CITY_ENERGY 24167	27.95 0.69 0.00	34.24 0.43 0.00	27.55 0.06 0.00	28.17 -0.04 0.00	27.43 -0.06 0.00	28.14 -0.52 0.00	29.05 -1.04 0.00	29.70 -1.52 0.00	37.27 -0.96 0.00	39.57 -0.53 0.00	39.83 0.23 0.00	43.68 0.79 0.00	44.49 1.30 0.00	51.44 1.85 0.00	58.89 1.97 0.00	54.74 2.05 0.00	93.47 3.67 0.00	401.39 12.38 0.00	220.95 6.43 0.00	47.49 1.55 0.00	45.73 1.05 0.00	50.08 1.09 0.00	43.13 1.58 0.00	36.93 1.68 0.00
MODERN_LFGE___ 323580	27.95 0.69 0.00	34.24 0.43 0.00	27.55 0.06 0.00	28.17 -0.04 0.00	27.43 -0.06 0.00	28.14 -0.52 0.00	29.05 -1.04 0.00	29.70 -1.52 0.00	37.27 -0.96 0.00	39.57 -0.53 0.00	39.83 0.23 0.00	43.68 0.79 0.00	44.49 1.30 0.00	51.44 1.85 0.00	58.89 1.97 0.00	54.74 2.05 0.00	93.47 3.67 0.00	401.39 12.38 0.00	220.95 6.43 0.00	47.49 1.55 0.00	45.73 1.05 0.00	50.08 1.09 0.00	43.13 1.58 0.00	36.93 1.68 0.00
MOHAWK_PAPER___DRP 24187	27.99 0.73 0.00	34.78 0.89 -0.07	28.31 0.82 0.00	29.05 0.84 0.00	28.36 0.88 0.00	29.53 0.88 0.00	31.33 1.05 -0.19	33.98 1.06 -1.71	39.32 1.09 0.00	41.23 1.12 0.00	40.70 1.11 0.00	44.31 1.41 0.00	44.65 1.46 0.00	51.17 1.58 0.00	58.70 1.79 0.00	54.37 1.68 0.00	92.81 3.02 0.00	403.73 14.72 0.00	223.06 8.54 0.00	93.05 2.03 -45.09	99.70 1.94 -53.08	64.02 2.06 -12.97	43.21 1.66 0.00	36.89 1.36 -0.28
MOHICAN___35_KV_115KV_LD 80490	29.08 1.81 0.00	36.15 2.26 -0.07	29.31 1.82 0.00	30.07 1.85 0.00	29.36 1.88 0.00	30.60 1.95 0.00	32.68 2.41 -0.18	35.30 2.46 -1.63	40.82 2.59 0.00	42.75 2.64 0.00	41.98 2.39 0.00	45.93 3.04 0.00	46.27 3.07 0.00	52.87 3.29 0.00	60.87 3.95 0.00	56.57 3.87 0.00	96.98 7.19 0.00	424.42 35.41 0.00	235.12 20.59 0.00	115.86 4.69 -65.24	126.03 4.55 -76.81	72.73 4.97 -18.76	45.49 3.94 0.00	38.71 3.19 -0.27
MONGAUP___HYD 23641	28.55 1.28 0.00	34.82 1.40 0.39	28.64 1.15 0.00	29.39 1.18 0.00	28.70 1.21 0.00	29.98 1.33 0.00	30.57 1.50 1.02	23.72 1.62 9.11	40.06 1.82 0.00	41.82 1.71 0.00	41.31 1.72 0.00	44.71 1.81 0.00	45.07 1.87 0.00	51.76 2.17 0.00	59.53 2.61 0.00	55.54 2.84 0.00	95.00 5.20 0.00	412.62 23.61 0.00	226.65 12.12 0.00	53.98 2.77 -5.27	53.67 2.80 -6.20	53.49 2.98 -1.52	44.08 2.53 0.00	35.75 2.02 1.51
MONTAUK___DIESEL 23721	28.11 0.84 0.00	35.41 1.15 -0.45	28.44 0.95 0.00	29.20 0.99 0.00	28.57 1.09 0.00	30.10 1.45 0.00	37.19 2.02 -5.08	43.83 2.21 -10.40	40.72 2.48 0.00	42.63 2.52 0.00	42.28 2.69 0.00	46.07 3.18 0.00	46.51 3.31 0.00	53.99 4.40 0.00	55.51 4.62 6.03	57.08 4.45 0.06	74.46 6.89 22.23	332.39 23.39 80.01	223.61 9.84 0.76	50.71 2.08 -2.69	54.09 2.38 -7.03	52.90 2.19 -1.72	43.71 2.16 0.00	38.46 1.49 -1.73
MOONROAD_115KV_HARTFLD_TB1-2 355988	29.27 2.01 0.00	35.68 1.86 0.00	28.56 1.07 0.00	29.29 1.08 0.00	28.47 0.99 0.00	29.27 0.62 0.00	30.48 0.39 0.00	31.69 0.48 0.00	40.01 1.78 0.00	42.44 2.33 0.00	42.28 2.69 0.00	46.19 3.29 0.00	46.88 3.68 0.00	54.63 5.04 0.00	62.63 5.71 0.00	58.13 5.44 0.00	100.59 10.79 0.00	430.02 41.01 0.00	234.45 19.92 0.00	50.74 4.80 0.00	48.92 4.25 0.00	53.78 4.79 0.00	45.80 4.24 0.00	38.85 3.60 0.00

MORTIMER_115KV_TB3 55949	28.18 0.92 0.00	34.68 0.87 0.00	27.98 0.49 0.00	28.64 0.43 0.00	27.90 0.41 0.00	28.84 0.19 0.00	30.02 -0.06 0.00	30.92 -0.29 0.00	38.46 0.23 0.00	40.69 0.59 0.00	40.75 1.16 0.00	44.62 1.73 0.00	45.37 2.17 0.00	52.51 2.92 0.00	60.28 3.36 0.00	55.97 3.28 0.00	95.56 5.77 0.00	411.45 22.44 0.00	226.90 12.37 0.00	48.53 2.59 0.00	46.85 2.17 0.00	51.27 2.27 0.00	43.71 2.16 0.00	37.14 1.90 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	28.67 1.41 0.00	35.81 1.56 -0.45	28.78 1.29 0.00	29.53 1.32 0.00	28.87 1.39 0.00	30.20 1.55 0.00	33.03 1.79 -1.16	43.54 2.03 -10.30	40.48 2.24 0.00	42.30 2.19 0.00	41.91 2.32 0.00	45.49 2.60 0.00	45.87 2.67 0.00	52.64 3.05 0.00	60.25 3.33 0.00	55.84 3.14 0.00	95.23 5.44 0.00	410.63 21.61 0.00	225.29 10.76 0.00	54.29 2.38 -5.98	53.96 2.25 -7.04	53.13 2.42 -1.72	43.87 2.32 0.00	38.92 1.96 -1.71
MUNSVILLE_WIND_PWR 323609	29.05 1.79 0.00	35.97 2.16 0.00	29.35 1.86 0.00	30.15 1.94 0.00	29.49 2.00 0.00	30.82 2.17 0.00	32.53 2.44 0.00	33.77 2.56 0.00	41.79 3.37 -0.19	44.07 3.68 -0.28	43.14 3.52 -0.03	47.17 4.05 -0.23	47.37 3.92 -0.25	55.11 4.80 -0.72	63.61 5.43 -1.26	58.46 4.81 -0.96	100.95 9.45 -1.70	432.97 40.93 -3.03	240.62 23.13 -2.97	55.39 5.15 -4.30	54.54 4.99 -4.88	55.87 4.95 -1.93	45.66 3.95 -0.15	38.10 2.85 0.00
N SALMON___HYD 24042	27.73 0.47 0.00	34.35 0.54 0.00	27.87 0.37 0.00	28.45 0.23 0.00	27.61 0.12 0.00	28.84 0.19 0.00	30.40 0.31 0.00	31.77 0.55 0.00	39.03 0.80 0.00	41.03 0.93 0.00	40.12 0.53 0.00	43.27 0.38 0.00	43.53 0.33 0.00	49.94 0.35 0.00	57.19 0.27 0.00	52.70 0.01 0.00	89.28 -0.51 0.00	386.51 -2.50 0.00	213.50 -1.03 0.00	65.44 -1.71 -21.21	44.02 -0.66 0.00	48.47 -0.53 0.00	40.26 -1.29 0.00	34.34 -0.91 0.00
N.AKRON__115KV_KNAPP 355671	28.70 1.43 0.00	35.13 1.31 0.00	28.26 0.77 0.00	28.89 0.68 0.00	28.13 0.64 0.00	28.93 0.27 0.00	29.94 -0.14 0.00	30.73 -0.49 0.00	38.54 0.30 0.00	40.88 0.77 0.00	41.12 1.53 0.00	45.09 2.19 0.00	45.95 2.75 0.00	53.25 3.66 0.00	60.96 4.04 0.00	56.58 3.89 0.00	96.70 6.90 0.00	416.10 27.09 0.00	228.92 14.39 0.00	49.20 3.26 0.00	47.40 2.73 0.00	51.88 2.89 0.00	44.48 2.93 0.00	37.96 2.72 0.00
N.BELMOR_69_KV_BK1 55787	28.89 1.62 0.00	36.23 1.97 -0.45	29.10 1.61 0.00	29.85 1.64 0.00	29.19 1.70 0.00	30.58 1.93 0.00	37.42 2.25 -5.08	43.97 2.36 -10.40	40.63 2.40 0.00	42.32 2.21 0.00	41.96 2.36 0.00	45.65 2.76 0.00	46.00 2.80 0.00	52.91 3.32 0.00	40.15 3.39 20.16	55.61 3.24 0.33	80.25 5.51 15.05	341.81 23.02 70.23	221.93 11.77 4.38	52.23 2.54 -3.75	54.23 2.52 -7.03	53.41 2.70 -1.72	44.27 2.72 0.00	39.15 2.18 -1.73
N.E_GEN_SANDY PD 24062	32.55 0.80 -4.49	34.93 0.98 -0.14	30.69 0.89 -2.31	30.67 0.92 -1.55	31.95 0.96 -3.50	30.56 1.02 -0.89	31.65 1.22 -0.35	36.15 1.29 -3.64	40.45 1.26 -0.96	43.42 1.28 -2.04	41.31 1.24 -0.47	45.60 1.56 -1.15	43.61 1.54 1.14	49.77 1.58 1.40	60.85 1.74 -2.19	53.11 1.53 1.12	92.56 2.76 0.00	405.55 14.16 -2.38	506.06 7.88 -283.66	216.12 1.84 -168.33	455.20 1.77 -408.75	71.95 1.89 -21.07	43.16 1.61 0.00	37.11 1.35 -0.52
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	28.36 1.09 0.00	34.32 1.17 0.66	28.50 1.01 0.00	29.28 1.07 0.00	28.64 1.15 0.00	29.93 1.28 0.00	29.76 1.39 1.72	17.44 1.54 15.32	39.85 1.61 0.00	41.68 1.57 0.00	41.29 1.70 0.00	44.87 1.98 0.00	45.26 2.06 0.00	52.04 2.45 0.00	59.74 2.82 0.00	55.43 2.73 0.00	94.67 4.88 0.00	408.24 19.23 0.00	224.00 9.48 0.00	53.63 2.01 -5.68	53.21 1.85 -6.69	52.60 1.98 -1.63	43.37 1.82 0.00	34.22 1.52 2.54
N.QUEENS_27_KV_LOAD 356247	28.95 1.69 0.00	36.14 1.88 -0.45	29.03 1.54 0.00	29.79 1.58 0.00	29.13 1.64 0.00	30.49 1.84 0.00	33.36 2.12 -1.16	43.81 2.29 -10.31	40.75 2.51 0.00	42.57 2.47 0.00	42.19 2.59 0.00	45.85 2.96 0.00	46.31 3.11 0.00	53.11 3.52 0.00	60.79 3.87 0.00	56.27 3.58 0.00	95.98 6.19 0.00	413.30 24.28 -0.01	226.40 11.87 0.00	54.51 2.58 -5.98	54.11 2.40 -7.04	53.32 2.61 -1.73	44.10 2.55 0.00	38.99 2.04 -1.71
N.TROY___115KV_TB1 355778	28.18 0.92 0.00	35.07 1.18 -0.08	28.54 1.05 0.00	29.29 1.08 0.00	28.60 1.11 0.00	29.78 1.13 0.00	31.61 1.33 -0.20	34.29 1.32 -1.75	39.55 1.31 0.00	41.48 1.37 0.00	40.88 1.29 0.00	44.52 1.62 0.00	44.83 1.63 0.00	51.29 1.70 0.00	58.85 1.93 0.00	54.44 1.75 0.00	92.90 3.10 0.00	405.32 16.31 0.00	224.06 9.53 0.00	103.43 2.28 -55.21	111.92 2.24 -65.01	67.27 2.40 -15.88	43.50 1.95 0.00	37.14 1.60 -0.29
NARROWS_GT1_1 24228	29.93 1.59 -1.07	36.01 1.75 -0.45	28.92 1.43 0.00	29.68 1.47 0.00	29.01 1.52 0.00	30.36 1.71 0.00	33.23 1.99 -1.16	43.79 2.26 -10.31	40.81 2.57 0.00	42.63 2.53 0.00	42.25 2.66 0.00	45.86 2.97 0.00	46.30 3.10 0.00	53.14 3.55 0.00	60.74 3.82 0.00	56.28 3.58 -0.01	95.96 6.16 0.00	412.62 23.61 0.00	226.52 11.98 0.00	63.25 2.62 -14.68	54.19 2.48 -7.04	53.44 2.73 -1.72	44.18 2.63 0.00	39.23 2.22 -1.77
NARROWS_GT1_2 24229	29.93 1.59 -1.07	36.01 1.75 -0.45	28.92 1.43 0.00	29.68 1.47 0.00	29.01 1.52 0.00	30.36 1.71 0.00	33.23 1.99 -1.16	43.79 2.26 -10.31	40.81 2.57 0.00	42.63 2.53 0.00	42.25 2.66 0.00	45.86 2.97 0.00	46.30 3.10 0.00	53.14 3.55 0.00	60.74 3.82 0.00	56.28 3.58 -0.01	95.96 6.16 0.00	412.62 23.61 0.00	226.52 11.98 0.00	63.25 2.62 -14.68	54.19 2.48 -7.04	53.44 2.73 -1.72	44.18 2.63 0.00	39.23 2.22 -1.77
NARROWS_GT1_3 24230	29.93 1.59 -1.07	36.01 1.75 -0.45	28.92 1.43 0.00	29.68 1.47 0.00	29.01 1.52 0.00	30.36 1.71 0.00	33.23 1.99 -1.16	43.79 2.26 -10.31	40.81 2.57 0.00	42.63 2.53 0.00	42.25 2.66 0.00	45.86 2.97 0.00	46.30 3.10 0.00	53.14 3.55 0.00	60.74 3.82 0.00	56.28 3.58 -0.01	95.96 6.16 0.00	412.62 23.61 0.00	226.52 11.98 0.00	63.25 2.62 -14.68	54.19 2.48 -7.04	53.44 2.73 -1.72	44.18 2.63 0.00	39.23 2.22 -1.77
NARROWS_GT1_4 24231	29.93 1.59 -1.07	36.01 1.75 -0.45	28.92 1.43 0.00	29.68 1.47 0.00	29.01 1.52 0.00	30.36 1.71 0.00	33.23 1.99 -1.16	43.79 2.26 -10.31	40.81 2.57 0.00	42.63 2.53 0.00	42.25 2.66 0.00	45.86 2.97 0.00	46.30 3.10 0.00	53.14 3.55 0.00	60.74 3.82 0.00	56.28 3.58 -0.01	95.96 6.16 0.00	412.62 23.61 0.00	226.52 11.98 0.00	63.25 2.62 -14.68	54.19 2.48 -7.04	53.44 2.73 -1.72	44.18 2.63 0.00	39.23 2.22 -1.77
NARROWS_GT1_5 24232	29.93 1.59 -1.07	36.01 1.75 -0.45	28.92 1.43 0.00	29.68 1.47 0.00	29.01 1.52 0.00	30.36 1.71 0.00	33.23 1.99 -1.16	43.79 2.26 -10.31	40.81 2.57 0.00	42.63 2.53 0.00	42.25 2.66 0.00	45.86 2.97 0.00	46.30 3.10 0.00	53.14 3.55 0.00	60.74 3.82 0.00	56.28 3.58 -0.01	95.96 6.16 0.00	412.62 23.61 0.00	226.52 11.98 0.00	63.25 2.62 -14.68	54.19 2.48 -7.04	53.44 2.73 -1.72	44.18 2.63 0.00	39.23 2.22 -1.77

NARROWS_GT1_6 24233	29.93 1.59 -1.07	36.01 1.75 -0.45	28.92 1.43 0.00	29.68 1.47 0.00	29.01 1.52 0.00	30.36 1.71 0.00	33.23 1.99 -1.16	43.79 2.26 -10.31	40.81 2.57 0.00	42.63 2.53 0.00	42.25 2.66 0.00	45.86 2.97 0.00	46.30 3.10 0.00	53.14 3.55 0.00	60.74 3.82 0.00	56.28 3.58 -0.01	95.96 6.16 0.00	412.62 23.61 0.00	226.52 11.98 0.00	63.25 2.62 -14.68	54.19 2.48 -7.04	53.44 2.73 -1.72	44.18 2.63 0.00	39.23 2.22 -1.77
NARROWS_GT1_7 24234	29.93 1.59 -1.07	36.01 1.75 -0.45	28.92 1.43 0.00	29.68 1.47 0.00	29.01 1.52 0.00	30.36 1.71 0.00	33.23 1.99 -1.16	43.79 2.26 -10.31	40.81 2.57 0.00	42.63 2.53 0.00	42.25 2.66 0.00	45.86 2.97 0.00	46.30 3.10 0.00	53.14 3.55 0.00	60.74 3.82 0.00	56.28 3.58 -0.01	95.96 6.16 0.00	412.62 23.61 0.00	226.52 11.98 0.00	63.25 2.62 -14.68	54.19 2.48 -7.04	53.44 2.73 -1.72	44.18 2.63 0.00	39.23 2.22 -1.77
NARROWS_GT1_8 24235	29.93 1.59 -1.07	36.01 1.75 -0.45	28.92 1.43 0.00	29.68 1.47 0.00	29.01 1.52 0.00	30.36 1.71 0.00	33.23 1.99 -1.16	43.79 2.26 -10.31	40.81 2.57 0.00	42.63 2.53 0.00	42.25 2.66 0.00	45.86 2.97 0.00	46.30 3.10 0.00	53.14 3.55 0.00	60.74 3.82 0.00	56.28 3.58 -0.01	95.96 6.16 0.00	412.62 23.61 0.00	226.52 11.98 0.00	63.25 2.62 -14.68	54.19 2.48 -7.04	53.44 2.73 -1.72	44.18 2.63 0.00	39.23 2.22 -1.77
NARROWS_GT2_1 24236	29.93 1.59 -1.07	36.01 1.75 -0.45	28.92 1.43 0.00	29.68 1.47 0.00	29.01 1.52 0.00	30.36 1.71 0.00	33.23 1.99 -1.16	43.79 2.26 -10.31	40.81 2.57 0.00	42.63 2.53 0.00	42.25 2.66 0.00	45.86 2.97 0.00	46.30 3.10 0.00	53.14 3.55 0.00	60.74 3.82 0.00	56.28 3.58 -0.01	95.96 6.16 0.00	412.62 23.61 0.00	226.52 11.98 0.00	63.25 2.62 -14.68	54.19 2.48 -7.04	53.44 2.73 -1.72	44.18 2.63 0.00	39.23 2.22 -1.77
NARROWS_GT2_2 24237	29.93 1.59 -1.07	36.01 1.75 -0.45	28.92 1.43 0.00	29.68 1.47 0.00	29.01 1.52 0.00	30.36 1.71 0.00	33.23 1.99 -1.16	43.79 2.26 -10.31	40.81 2.57 0.00	42.63 2.53 0.00	42.25 2.66 0.00	45.86 2.97 0.00	46.30 3.10 0.00	53.14 3.55 0.00	60.74 3.82 0.00	56.28 3.58 -0.01	95.96 6.16 0.00	412.62 23.61 0.00	226.52 11.98 0.00	63.25 2.62 -14.68	54.19 2.48 -7.04	53.44 2.73 -1.72	44.18 2.63 0.00	39.23 2.22 -1.77
NARROWS_GT2_3 24238	29.93 1.59 -1.07	36.01 1.75 -0.45	28.92 1.43 0.00	29.68 1.47 0.00	29.01 1.52 0.00	30.36 1.71 0.00	33.23 1.99 -1.16	43.79 2.26 -10.31	40.81 2.57 0.00	42.63 2.53 0.00	42.25 2.66 0.00	45.86 2.97 0.00	46.30 3.10 0.00	53.14 3.55 0.00	60.74 3.82 0.00	56.28 3.58 -0.01	95.96 6.16 0.00	412.62 23.61 0.00	226.52 11.98 0.00	63.25 2.62 -14.68	54.19 2.48 -7.04	53.44 2.73 -1.72	44.18 2.63 0.00	39.23 2.22 -1.77
NARROWS_GT2_4 24239	29.93 1.59 -1.07	36.01 1.75 -0.45	28.92 1.43 0.00	29.68 1.47 0.00	29.01 1.52 0.00	30.36 1.71 0.00	33.23 1.99 -1.16	43.79 2.26 -10.31	40.81 2.57 0.00	42.63 2.53 0.00	42.25 2.66 0.00	45.86 2.97 0.00	46.30 3.10 0.00	53.14 3.55 0.00	60.74 3.82 0.00	56.28 3.58 -0.01	95.96 6.16 0.00	412.62 23.61 0.00	226.52 11.98 0.00	63.25 2.62 -14.68	54.19 2.48 -7.04	53.44 2.73 -1.72	44.18 2.63 0.00	39.23 2.22 -1.77
NARROWS_GT2_5 24240	29.93 1.59 -1.07	36.01 1.75 -0.45	28.92 1.43 0.00	29.68 1.47 0.00	29.01 1.52 0.00	30.36 1.71 0.00	33.23 1.99 -1.16	43.79 2.26 -10.31	40.81 2.57 0.00	42.63 2.53 0.00	42.25 2.66 0.00	45.86 2.97 0.00	46.30 3.10 0.00	53.14 3.55 0.00	60.74 3.82 0.00	56.28 3.58 -0.01	95.96 6.16 0.00	412.62 23.61 0.00	226.52 11.98 0.00	63.25 2.62 -14.68	54.19 2.48 -7.04	53.44 2.73 -1.72	44.18 2.63 0.00	39.23 2.22 -1.77
NARROWS_GT2_6 24241	29.93 1.59 -1.07	36.01 1.75 -0.45	28.92 1.43 0.00	29.68 1.47 0.00	29.01 1.52 0.00	30.36 1.71 0.00	33.23 1.99 -1.16	43.79 2.26 -10.31	40.81 2.57 0.00	42.63 2.53 0.00	42.25 2.66 0.00	45.86 2.97 0.00	46.30 3.10 0.00	53.14 3.55 0.00	60.74 3.82 0.00	56.28 3.58 -0.01	95.96 6.16 0.00	412.62 23.61 0.00	226.52 11.98 0.00	63.25 2.62 -14.68	54.19 2.48 -7.04	53.44 2.73 -1.72	44.18 2.63 0.00	39.23 2.22 -1.77
NARROWS_GT2_7 24242	29.93 1.59 -1.07	36.01 1.75 -0.45	28.92 1.43 0.00	29.68 1.47 0.00	29.01 1.52 0.00	30.36 1.71 0.00	33.23 1.99 -1.16	43.79 2.26 -10.31	40.81 2.57 0.00	42.63 2.53 0.00	42.25 2.66 0.00	45.86 2.97 0.00	46.30 3.10 0.00	53.14 3.55 0.00	60.74 3.82 0.00	56.28 3.58 -0.01	95.96 6.16 0.00	412.62 23.61 0.00	226.52 11.98 0.00	63.25 2.62 -14.68	54.19 2.48 -7.04	53.44 2.73 -1.72	44.18 2.63 0.00	39.23 2.22 -1.77
NARROWS_GT2_8 24243	29.93 1.59 -1.07	36.01 1.75 -0.45	28.92 1.43 0.00	29.68 1.47 0.00	29.01 1.52 0.00	30.36 1.71 0.00	33.23 1.99 -1.16	43.79 2.26 -10.31	40.81 2.57 0.00	42.63 2.53 0.00	42.25 2.66 0.00	45.86 2.97 0.00	46.30 3.10 0.00	53.14 3.55 0.00	60.74 3.82 0.00	56.28 3.58 -0.01	95.96 6.16 0.00	412.62 23.61 0.00	226.52 11.98 0.00	63.25 2.62 -14.68	54.19 2.48 -7.04	53.44 2.73 -1.72	44.18 2.63 0.00	39.23 2.22 -1.77
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	28.52 1.25 0.00	35.33 1.52 0.00	28.79 1.30 0.00	29.56 1.34 0.00	28.84 1.36 0.00	30.01 1.35 0.00	31.66 1.58 0.00	32.75 1.53 0.00	39.92 1.68 0.00	41.77 1.67 0.00	41.03 1.44 0.00	44.65 1.76 0.00	44.84 1.64 0.00	51.37 1.78 0.00	59.01 2.10 0.00	54.72 2.03 0.00	94.33 4.54 0.00	411.18 22.17 0.00	229.11 14.59 0.00	73.92 3.46 -24.52	76.89 3.35 -28.87	59.69 3.64 -7.05	44.36 2.81 0.00	37.56 2.32 0.00
NCHELSEA_115KV_TR2 355582	28.66 1.40 0.00	35.37 1.56 0.00	28.77 1.29 0.00	29.55 1.34 0.00	28.86 1.38 0.00	30.16 1.51 0.00	31.82 1.73 0.00	33.16 1.95 0.00	40.43 2.19 0.00	42.33 2.23 0.00	41.89 2.30 0.00	45.52 2.63 0.00	45.90 2.70 0.00	52.77 3.18 0.00	60.59 3.67 0.00	56.27 3.58 0.00	96.15 6.36 0.00	415.75 26.74 0.00	228.57 14.04 0.00	55.21 3.01 -6.26	54.82 2.77 -7.37	53.72 2.93 -1.80	44.11 2.56 0.00	37.35 2.10 0.00
NEG CAPITAL____MECHNVIL 23645	28.79 1.52 0.00	35.78 1.89 -0.07	29.08 1.59 0.00	29.83 1.62 0.00	29.12 1.64 0.00	30.36 1.71 0.00	32.27 2.00 -0.19	34.94 2.04 -1.68	40.43 2.20 0.00	42.46 2.36 0.00	41.85 2.26 0.00	45.66 2.77 0.00	46.03 2.83 0.00	52.77 3.18 0.00	60.61 3.70 0.00	56.15 3.46 0.00	95.96 6.17 0.00	419.07 30.05 0.00	231.85 17.33 0.00	111.38 3.94 -61.50	120.92 3.83 -72.41	70.77 4.10 -17.69	44.86 3.30 0.00	38.19 2.67 -0.28
NEG CENTRAL_HIGH_ACRES 23767	27.63 0.37 0.00	34.03 0.22 0.00	27.49 0.00 0.00	28.14 -0.07 0.00	27.43 -0.05 0.00	28.39 -0.26 0.00	29.61 -0.47 0.00	30.56 -0.66 0.00	38.01 -0.22 0.00	40.21 0.10 0.00	40.15 0.55 0.00	43.87 0.98 0.00	44.58 1.38 0.00	51.60 2.01 0.00	59.21 2.29 0.00	55.02 2.32 0.00	93.65 3.85 0.00	403.73 14.72 0.00	222.70 8.17 0.00	47.65 1.71 0.00	46.01 1.34 0.00	50.31 1.32 0.00	42.81 1.26 0.00	36.33 1.08 0.00



NEG CENTRAL___DRP 24199	27.93 0.66 0.00	34.48 0.67 0.00	27.95 0.46 0.00	28.67 0.46 0.00	27.92 0.44 0.00	28.99 0.34 0.00	30.40 0.31 0.00	31.43 0.21 0.00	39.18 0.65 -0.30	41.37 0.81 -0.45	40.73 1.09 -0.05	44.78 1.52 -0.36	45.23 1.62 -0.41	52.98 2.23 -1.17	61.54 2.59 -2.03	56.98 2.74 -1.55	97.11 4.55 -2.77	410.41 16.50 -4.89	228.35 9.03 -4.79	48.91 2.28 -0.70	47.25 2.01 -0.56	52.41 2.12 -1.30	43.57 1.78 -0.24	36.68 1.43 0.00
NEG CENTRAL___INDECK 23768	29.27 2.00 0.00	35.88 2.07 0.00	28.91 1.42 0.00	29.60 1.39 0.00	28.83 1.35 0.00	29.83 1.18 0.00	31.10 1.01 0.00	32.08 0.87 0.00	39.67 1.44 0.00	40.76 0.65 0.00	40.60 1.01 0.00	44.22 1.33 0.00	44.84 1.64 0.00	52.22 2.63 0.00	59.72 2.80 0.00	55.22 2.52 0.00	93.84 4.04 0.00	405.59 16.58 0.00	226.83 12.30 0.00	48.78 2.84 0.00	47.32 2.65 0.00	51.97 2.98 0.00	44.19 2.64 0.00	37.50 2.25 0.00
NEG CENTRAL___SENECA 23627	28.16 0.90 0.00	34.70 0.88 0.00	28.12 0.63 0.00	28.82 0.61 0.00	28.09 0.61 0.00	29.13 0.47 0.00	30.54 0.45 0.00	31.56 0.35 0.00	39.35 0.96 -0.16	41.50 1.15 -0.24	41.07 1.45 -0.03	45.03 1.95 -0.19	45.49 2.07 -0.22	53.04 2.83 -0.62	61.25 3.25 -1.08	56.96 3.44 -0.82	96.57 5.31 -1.48	411.25 19.64 -2.60	228.28 11.20 -2.55	49.01 2.70 -0.37	47.43 2.45 -0.30	52.31 2.62 -0.69	43.90 2.22 -0.13	37.10 1.85 0.00
NEG CENTRAL___STATE_STREET 24147	27.84 0.57 0.00	34.47 0.66 0.00	27.97 0.48 0.00	28.73 0.52 0.00	27.90 0.42 0.00	29.01 0.36 0.00	30.42 0.34 0.00	31.47 0.25 0.00	39.17 0.53 -0.40	41.37 0.66 -0.61	40.47 0.80 -0.07	44.65 1.28 -0.48	44.99 1.26 -0.54	52.92 1.78 -1.55	61.74 2.11 -2.71	56.98 2.22 -2.06	97.94 4.47 -3.67	412.09 16.58 -6.50	228.85 7.96 -6.37	48.86 1.99 -0.93	47.25 1.82 -0.74	52.60 1.87 -1.73	43.45 1.58 -0.31	36.36 1.12 0.00
NEG MILLWOOD___DRP 24198	28.74 1.48 0.00	35.60 1.65 -0.15	28.84 1.35 0.00	29.61 1.39 0.00	28.92 1.44 0.00	30.24 1.59 0.00	32.29 1.83 -0.38	36.67 2.08 -3.38	40.58 2.35 0.00	42.47 2.36 0.00	42.05 2.47 0.00	45.73 2.84 0.00	46.13 2.93 0.00	53.05 3.47 0.00	60.88 3.96 0.00	56.52 3.83 0.00	96.54 6.75 0.00	417.26 28.25 0.00	229.25 14.72 0.00	55.32 3.16 -6.22	54.89 2.90 -7.32	53.84 3.06 -1.79	44.25 2.70 0.00	38.02 2.22 -0.56
NEG NORTH_FLCN_SEA 23793	28.59 1.33 0.00	35.45 1.64 0.00	28.74 1.25 0.00	29.18 0.97 0.00	28.36 0.88 0.00	29.55 0.90 0.00	31.40 1.32 0.00	32.62 1.41 0.00	40.05 1.82 0.00	42.18 2.07 0.00	41.30 1.71 0.00	44.67 1.77 0.00	44.90 1.70 0.00	51.21 1.62 0.00	58.21 1.29 0.00	53.46 0.76 0.00	89.94 0.15 0.00	387.43 -1.59 0.00	213.07 -1.46 0.00	8.97 -3.13 33.83	43.90 -0.78 0.00	48.29 -0.71 0.00	39.67 -1.88 0.00	33.97 -1.27 0.00
NEG NORTH_KES_CHATEGAY 23792	27.67 0.40 0.00	34.32 0.50 0.00	27.84 0.35 0.00	28.41 0.20 0.00	27.56 0.07 0.00	28.78 0.13 0.00	30.37 0.28 0.00	31.72 0.51 0.00	38.93 0.70 0.00	40.93 0.83 0.00	40.04 0.45 0.00	43.18 0.29 0.00	43.43 0.23 0.00	49.74 0.15 0.00	56.86 -0.05 0.00	52.38 -0.32 0.00	88.54 -1.26 0.00	382.23 -6.78 0.00	211.21 -3.32 0.00	7.89 -2.42 35.63	43.65 -1.03 0.00	47.96 -1.03 0.00	39.72 -1.84 0.00	34.04 -1.21 0.00
NEG NORTH___ALICE_FALLS 23915	28.66 1.39 0.00	35.63 1.82 0.00	28.84 1.35 0.00	29.29 1.08 0.00	28.44 0.95 0.00	29.65 1.00 0.00	31.49 1.41 0.00	32.78 1.57 0.00	40.19 1.96 0.00	42.33 2.23 0.00	41.45 1.86 0.00	44.85 1.96 0.00	45.12 1.92 0.00	51.52 1.93 0.00	58.60 1.68 0.00	53.77 1.07 0.00	90.64 0.85 0.00	390.11 1.10 0.00	214.20 -0.33 0.00	8.95 -2.87 34.12	43.97 -0.71 0.00	48.46 -0.54 0.00	39.88 -1.67 0.00	34.04 -1.20 0.00
NEG NORTH___LWR_SARANAC 23913	28.66 1.39 0.00	35.63 1.82 0.00	28.84 1.35 0.00	29.29 1.08 0.00	28.44 0.95 0.00	29.65 1.00 0.00	31.49 1.41 0.00	32.78 1.57 0.00	40.19 1.96 0.00	42.33 2.23 0.00	41.45 1.86 0.00	44.85 1.96 0.00	45.12 1.92 0.00	51.52 1.93 0.00	58.60 1.68 0.00	53.77 1.07 0.00	90.64 0.85 0.00	390.11 1.10 0.00	214.20 -0.33 0.00	8.95 -2.87 34.12	43.97 -0.71 0.00	48.46 -0.54 0.00	39.88 -1.67 0.00	34.04 -1.20 0.00
NEG NORTH___PLATTSBURG 23628	28.66 1.39 0.00	35.63 1.82 0.00	28.84 1.35 0.00	29.29 1.08 0.00	28.44 0.95 0.00	29.65 1.00 0.00	31.49 1.41 0.00	32.78 1.57 0.00	40.19 1.96 0.00	42.33 2.22 0.00	41.45 1.86 0.00	44.85 1.95 0.00	45.12 1.92 0.00	51.51 1.93 0.00	58.60 1.68 0.00	53.77 1.07 0.00	90.64 0.85 0.00	390.12 1.11 0.00	214.20 -0.33 0.00	8.95 -2.87 34.12	43.97 -0.71 0.00	48.46 -0.54 0.00	39.88 -1.68 0.00	34.04 -1.20 0.00
NEG WEST_LEA_LOCKPORT 23791	28.12 0.85 0.00	34.43 0.61 0.00	27.70 0.21 0.00	28.32 0.10 0.00	27.57 0.09 0.00	28.29 -0.36 0.00	29.23 -0.85 0.00	29.90 -1.31 0.00	37.56 -0.67 0.00	39.84 -0.27 0.00	40.05 0.46 0.00	43.96 1.07 0.00	44.73 1.53 0.00	51.73 2.14 0.00	59.21 2.29 0.00	55.01 2.32 0.00	94.01 4.22 0.00	403.82 14.81 0.00	222.05 7.52 0.00	47.72 1.78 0.00	45.98 1.30 0.00	50.37 1.38 0.00	43.34 1.79 0.00	37.08 1.83 0.00
NEG WEST___LANCASTR 23811	28.27 1.00 0.00	34.65 0.84 0.00	27.91 0.42 0.00	28.60 0.39 0.00	27.82 0.34 0.00	28.69 0.04 0.00	29.80 -0.28 0.00	30.67 -0.54 0.00	38.49 0.25 0.00	40.79 0.68 0.00	40.85 1.26 0.00	44.82 1.93 0.00	45.39 2.19 0.00	52.52 2.93 0.00	60.25 3.33 0.00	55.96 3.26 0.00	95.75 5.96 0.00	410.67 21.66 0.00	225.33 10.81 0.00	48.36 2.42 0.00	46.62 1.95 0.00	51.21 2.22 0.00	43.90 2.35 0.00	37.49 2.24 0.00
NEG_PENN_ALLEGHNY 23528	27.75 0.48 0.00	34.31 0.50 0.00	27.86 0.37 0.00	28.64 0.42 0.00	27.90 0.42 0.00	29.07 0.42 0.00	30.54 0.45 0.00	31.67 0.45 0.00	39.25 0.84 -0.18	41.29 0.91 -0.27	40.65 1.03 -0.03	44.50 1.39 -0.21	44.85 1.41 -0.24	52.11 1.82 -0.70	60.21 2.08 -1.21	55.51 1.89 -0.92	95.06 3.63 -1.64	405.93 14.01 -2.91	224.35 6.97 -2.85	50.41 1.55 -2.93	49.34 1.38 -3.28	52.09 1.60 -1.50	43.10 1.40 -0.14	36.45 1.21 0.00
NEG___GEN_MONROE 24207	28.61 1.34 0.00	35.13 1.32 0.00	28.26 0.77 0.00	28.91 0.70 0.00	28.16 0.68 0.00	29.09 0.44 0.00	30.28 0.19 0.00	31.17 -0.04 0.00	38.80 0.56 0.00	41.05 0.95 0.00	41.17 1.58 0.00	45.07 2.18 0.00	45.86 2.66 0.00	53.30 3.71 0.00	61.05 4.13 0.00	56.70 4.01 0.00	96.93 7.13 0.00	416.84 27.82 0.00	230.33 15.80 0.00	49.36 3.42 0.00	47.80 3.12 0.00	52.30 3.31 0.00	44.54 2.99 0.00	37.88 2.63 0.00
NEPA___ENERGY 23901	28.38 1.11 0.00	34.75 0.94 0.00	28.03 0.54 0.00	28.81 0.60 0.00	28.01 0.53 0.00	28.97 0.32 0.00	30.21 0.12 0.00	31.21 0.00 0.00	39.20 0.96 0.00	41.40 1.29 0.00	41.28 1.69 0.00	45.31 2.41 0.00	45.76 2.57 0.00	53.22 3.63 0.00	61.06 4.14 0.00	56.45 3.76 0.00	97.21 7.41 0.00	415.83 26.82 0.00	227.00 12.47 0.00	48.79 2.85 0.00	47.12 2.44 0.00	51.90 2.90 0.00	44.32 2.77 0.00	37.79 2.55 0.00

NEVERSINK___HYD 23608	27.96 0.69 0.00	34.39 0.67 0.09	28.03 0.55 0.00	28.78 0.56 0.00	28.10 0.62 0.00	29.36 0.71 0.00	30.69 0.85 0.25	30.04 1.03 2.20	39.33 1.10 0.00	41.20 1.10 0.00	40.77 1.18 0.00	44.26 1.37 0.00	44.61 1.42 0.00	51.42 1.83 0.00	59.06 2.15 0.00	54.85 2.15 0.00	93.84 4.05 0.00	405.85 16.84 0.00	223.74 9.21 0.00	54.37 1.96 -6.47	54.08 1.79 -7.62	52.70 1.85 -1.86	43.14 1.59 0.00	36.11 1.23 0.36
NEWKRMKL_115KV_TB1 55635	27.67 0.41 0.00	34.37 0.49 -0.07	27.98 0.49 0.00	28.72 0.51 0.00	28.03 0.55 0.00	29.20 0.55 0.00	30.96 0.69 -0.19	33.58 0.68 -1.68	38.87 0.63 0.00	40.76 0.65 0.00	40.24 0.65 0.00	43.80 0.90 0.00	44.11 0.92 0.00	50.54 0.96 0.00	57.99 1.08 0.00	53.68 0.99 0.00	91.68 1.89 0.00	398.48 9.46 0.00	220.02 5.49 0.00	88.96 1.34 -41.68	95.02 1.28 -49.07	62.31 1.33 -11.98	42.62 1.07 0.00	36.42 0.89 -0.28
NEWTON___FALLS_HYD 23847	27.22 -0.05 0.00	33.63 -0.18 0.00	27.30 -0.19 0.00	27.99 -0.22 0.00	27.23 -0.25 0.00	28.46 -0.19 0.00	29.79 -0.30 0.00	30.99 -0.22 0.00	38.21 -0.19 -0.16	40.13 -0.22 -0.24	39.16 -0.46 -0.03	42.45 -0.63 -0.19	42.77 -0.65 -0.22	49.62 -0.59 -0.62	57.47 -0.53 -1.08	53.17 -0.35 -0.82	90.72 -0.54 -1.46	393.08 1.47 -2.60	218.02 0.94 -2.55	49.54 -0.01 -3.61	45.30 0.32 -0.30	50.44 0.75 -0.69	41.83 0.15 -0.13	35.13 -0.12 0.00
NGRID_A1_DSASP 323792	27.74 0.48 0.00	34.00 0.19 0.00	27.37 -0.12 0.00	27.99 -0.22 0.00	27.25 -0.23 0.00	27.92 -0.73 0.00	28.81 -1.27 0.00	29.41 -1.81 0.00	36.93 -1.31 0.00	39.24 -0.87 0.00	39.52 -0.07 0.00	43.34 0.44 0.00	43.93 0.74 0.00	50.71 1.12 0.00	58.02 1.10 0.00	53.95 1.25 0.00	92.05 2.26 0.00	394.85 5.83 0.00	217.35 2.82 0.00	46.76 0.82 0.00	45.02 0.34 0.00	49.31 0.32 0.00	42.57 1.01 0.00	36.65 1.41 0.00
NGRID_A2_DSASP 323793	27.74 0.48 0.00	34.00 0.19 0.00	27.37 -0.12 0.00	27.99 -0.22 0.00	27.25 -0.23 0.00	27.92 -0.73 0.00	28.81 -1.27 0.00	29.41 -1.81 0.00	36.93 -1.31 0.00	39.24 -0.87 0.00	39.52 -0.07 0.00	43.34 0.44 0.00	43.93 0.74 0.00	50.71 1.12 0.00	58.02 1.10 0.00	53.95 1.25 0.00	92.05 2.26 0.00	394.85 5.83 0.00	217.35 2.82 0.00	46.76 0.82 0.00	45.02 0.34 0.00	49.31 0.32 0.00	42.57 1.01 0.00	36.65 1.41 0.00
NGRID_A4_DSASP 323807	27.74 0.48 0.00	34.00 0.19 0.00	27.37 -0.12 0.00	27.99 -0.22 0.00	27.25 -0.23 0.00	27.92 -0.73 0.00	28.81 -1.27 0.00	29.41 -1.81 0.00	36.93 -1.31 0.00	39.24 -0.87 0.00	39.52 -0.07 0.00	43.34 0.44 0.00	43.93 0.74 0.00	50.71 1.12 0.00	58.02 1.10 0.00	53.95 1.25 0.00	92.05 2.26 0.00	394.85 5.83 0.00	217.35 2.82 0.00	46.76 0.82 0.00	45.02 0.34 0.00	49.31 0.32 0.00	42.57 1.01 0.00	36.65 1.41 0.00
NIAGARA_115E_LBMP 323715	27.81 0.55 0.00	34.08 0.27 0.00	27.43 -0.06 0.00	28.05 -0.16 0.00	27.31 -0.18 0.00	28.00 -0.66 0.00	28.90 -1.19 0.00	29.51 -1.71 0.00	37.05 -1.18 0.00	39.34 -0.76 0.00	39.61 0.01 0.00	43.44 0.54 0.00	44.25 1.05 0.00	51.14 1.55 0.00	58.53 1.62 0.00	54.44 1.74 0.00	92.94 3.14 0.00	398.97 9.96 0.00	219.64 5.12 0.00	47.22 1.28 0.00	45.47 0.79 0.00	49.79 0.80 0.00	42.92 1.37 0.00	36.76 1.51 0.00
NIAGARA_115W_LBMP 323714	27.68 0.41 0.00	33.92 0.11 0.00	27.31 -0.18 0.00	27.93 -0.28 0.00	27.19 -0.30 0.00	27.87 -0.78 0.00	28.75 -1.33 0.00	29.34 -1.87 0.00	36.83 -1.40 0.00	39.14 -0.96 0.00	39.41 -0.18 0.00	43.23 0.34 0.00	43.80 0.60 0.00	50.54 0.95 0.00	57.83 0.92 0.00	53.78 1.08 0.00	91.77 1.97 0.00	393.61 4.60 0.00	216.69 2.17 0.00	46.62 0.68 0.00	44.89 0.21 0.00	49.16 0.17 0.00	42.45 0.89 0.00	36.56 1.32 0.00
NIAGARA_230_LBMP 323716	27.81 0.55 0.00	34.10 0.28 0.00	27.46 -0.03 0.00	28.09 -0.12 0.00	27.35 -0.14 0.00	28.06 -0.59 0.00	28.98 -1.11 0.00	29.61 -1.61 0.00	37.16 -1.08 0.00	39.45 -0.66 0.00	39.68 0.09 0.00	43.52 0.62 0.00	44.25 1.05 0.00	51.13 1.54 0.00	58.59 1.67 0.00	54.50 1.80 0.00	93.03 3.24 0.00	399.56 10.55 0.00	219.89 5.36 0.00	47.23 1.29 0.00	45.50 0.82 0.00	49.85 0.86 0.00	42.92 1.37 0.00	36.77 1.53 0.00
NIAGARA___115KV_198_GIBSON 55903	27.68 0.41 0.00	33.92 0.11 0.00	27.31 -0.18 0.00	27.93 -0.28 0.00	27.19 -0.30 0.00	27.87 -0.78 0.00	28.75 -1.34 0.00	29.33 -1.88 0.00	36.84 -1.40 0.00	39.15 -0.96 0.00	39.42 -0.17 0.00	43.25 0.36 0.00	43.79 0.59 0.00	50.54 0.95 0.00	57.83 0.91 0.00	53.78 1.08 0.00	91.85 2.06 0.00	393.77 4.76 0.00	216.67 2.15 0.00	46.62 0.68 0.00	44.89 0.21 0.00	49.15 0.16 0.00	42.44 0.89 0.00	36.57 1.32 0.00
NIAGARA____ 23760	27.81 0.55 0.00	34.10 0.28 0.00	27.46 -0.03 0.00	28.09 -0.12 0.00	27.35 -0.14 0.00	28.06 -0.59 0.00	28.98 -1.11 0.00	29.61 -1.61 0.00	37.16 -1.08 0.00	39.45 -0.66 0.00	39.68 0.09 0.00	43.52 0.62 0.00	44.25 1.05 0.00	51.13 1.54 0.00	58.59 1.67 0.00	54.50 1.80 0.00	93.03 3.24 0.00	399.56 10.55 0.00	219.89 5.36 0.00	47.23 1.29 0.00	45.50 0.82 0.00	49.85 0.86 0.00	42.92 1.37 0.00	36.77 1.53 0.00
NINE_MILE_1 23575	26.66 -0.60 0.00	33.12 -0.69 0.00	26.90 -0.60 0.00	27.60 -0.61 0.00	26.89 -0.59 0.00	27.99 -0.66 0.00	29.32 -0.76 0.00	30.30 -0.92 0.00	34.48 -1.03 2.72	35.01 -1.02 4.08	38.23 -0.88 0.48	38.85 -0.81 3.24	38.82 -0.74 3.63	38.38 -0.76 10.45	37.88 -0.84 18.20	38.15 -0.71 13.83	64.14 -1.09 24.56	339.97 -5.30 43.74	168.53 -3.16 42.84	39.05 -0.64 6.24	38.97 -0.69 5.02	36.54 -0.78 11.67	38.81 -0.63 2.12	34.69 -0.55 0.00
NINE_MILE_2 23744	26.66 -0.60 0.00	33.12 -0.69 0.00	26.90 -0.59 0.00	27.60 -0.61 0.00	26.89 -0.59 0.00	28.00 -0.66 0.00	29.32 -0.76 0.00	30.30 -0.92 0.00	34.44 -1.03 2.77	34.94 -1.02 4.14	38.22 -0.88 0.49	38.80 -0.81 3.28	38.77 -0.74 3.69	38.22 -0.76 10.61	37.61 -0.84 18.48	37.94 -0.71 14.04	63.77 -1.09 24.93	339.26 -5.34 44.41	167.89 -3.16 43.49	38.95 -0.64 6.34	38.89 -0.69 5.09	36.36 -0.78 11.85	38.77 -0.63 2.15	34.69 -0.56 0.00
NM_CAPITAL___DRP 24208	27.69 0.42 0.00	34.41 0.52 -0.07	28.02 0.53 0.00	28.76 0.55 0.00	28.07 0.59 0.00	29.24 0.59 0.00	31.01 0.73 -0.19	33.64 0.72 -1.71	38.90 0.66 0.00	40.79 0.69 0.00	40.27 0.67 0.00	43.83 0.94 0.00	44.14 0.94 0.00	50.54 0.95 0.00	57.98 1.06 0.00	53.67 0.98 0.00	91.65 1.85 0.00	398.45 9.43 0.00	220.02 5.49 0.00	88.37 1.34 -41.09	94.33 1.29 -48.37	62.16 1.35 -11.81	42.64 1.09 0.00	36.43 0.90 -0.28
NM_CENTRAL___DRP 24181	27.31 0.05 0.00	33.86 0.05 0.00	27.49 0.00 0.00	28.20 -0.01 0.00	27.49 0.00 0.00	28.61 -0.04 0.00	29.99 -0.10 0.00	31.02 -0.20 0.00	38.41 -0.08 -0.26	40.53 0.03 -0.40	39.87 0.23 -0.05	43.70 0.49 -0.32	44.18 0.63 -0.35	51.48 0.88 -1.02	59.74 1.05 -1.77	55.11 1.07 -1.34	94.16 2.00 -2.36	401.02 7.76 -4.25	222.39 3.70 -4.16	47.36 0.81 -0.61	45.90 0.74 -0.48	50.87 0.76 -1.12	42.38 0.62 -0.20	35.74 0.49 0.00

NM_FRONTIER___DRP 24179	27.68 0.41 0.00	33.92 0.11 0.00	27.31 -0.18 0.00	27.93 -0.28 0.00	27.19 -0.30 0.00	27.87 -0.78 0.00	28.75 -1.34 0.00	29.33 -1.88 0.00	36.84 -1.40 0.00	39.15 -0.96 0.00	39.42 -0.17 0.00	43.25 0.36 0.00	43.79 0.59 0.00	50.54 0.95 0.00	57.83 0.91 0.00	53.78 1.08 0.00	91.85 2.06 0.00	393.77 4.76 0.00	216.67 2.15 0.00	46.62 0.68 0.00	44.89 0.21 0.00	49.15 0.16 0.00	42.44 0.89 0.00	36.57 1.32 0.00
NM_ST_REGIS___HYD 24053	27.05 -0.21 0.00	33.51 -0.30 0.00	27.19 -0.30 0.00	27.82 -0.39 0.00	27.01 -0.48 0.00	28.24 -0.41 0.00	29.59 -0.49 0.00	30.93 -0.28 0.00	38.07 -0.24 -0.07	39.99 -0.23 -0.11	38.94 -0.67 -0.01	41.99 -0.99 -0.09	42.19 -1.11 -0.10	48.64 -1.23 -0.29	55.99 -1.43 -0.50	51.65 -1.42 -0.38	87.63 -2.84 -0.68	379.55 -10.68 -1.21	210.35 -5.37 -1.19	52.25 -2.01 -8.33	43.35 -1.47 -0.14	48.16 -1.15 -0.32	40.14 -1.47 -0.06	34.03 -1.21 0.00
NORTHPORT___1 23551	28.47 1.20 0.00	35.91 1.64 -0.45	28.89 1.40 0.00	29.65 1.43 0.00	29.01 1.53 0.00	30.40 1.75 0.00	37.20 2.03 -5.08	43.60 1.99 -10.40	39.94 1.70 0.00	41.36 1.25 0.00	40.26 1.33 0.66	44.48 1.60 0.01	44.87 1.67 0.00	51.65 2.06 0.00	45.41 1.61 13.12	36.43 1.56 17.83	38.63 2.96 54.12	313.02 10.68 86.66	214.97 5.52 5.09	48.96 1.17 -1.85	51.97 1.15 -6.14	51.08 1.19 -0.89	42.93 1.47 0.09	38.14 1.17 -1.73
NORTHPORT___2 23552	28.47 1.20 0.00	35.91 1.64 -0.45	28.89 1.40 0.00	29.65 1.43 0.00	29.01 1.53 0.00	30.40 1.75 0.00	37.20 2.03 -5.08	43.60 1.99 -10.40	39.94 1.70 0.00	41.36 1.25 0.00	40.26 1.33 0.66	44.48 1.60 0.01	44.87 1.67 0.00	51.65 2.06 0.00	45.41 1.61 13.12	36.13 1.56 18.12	38.63 2.96 54.12	123.29 10.68 276.39	67.90 5.52 152.16	22.36 1.17 24.75	22.29 1.15 23.54	23.80 1.19 26.39	40.07 1.47 2.95	38.14 1.17 -1.73
NORTHPORT___3 23553	28.42 1.15 0.00	35.82 1.56 -0.45	28.82 1.33 0.00	29.58 1.36 0.00	28.91 1.43 0.00	30.32 1.67 0.00	37.13 1.97 -5.08	43.55 1.94 -10.40	39.90 1.67 0.00	41.31 1.21 0.00	-293.74 1.40 334.73	35.00 2.11 10.00	34.51 2.24 10.93	34.36 2.71 17.93	41.99 2.19 17.12	36.51 1.93 18.11	39.29 3.48 53.98	126.48 13.06 275.59	68.93 6.49 152.08	22.62 1.41 24.73	22.47 1.33 23.54	23.98 1.38 26.39	40.15 1.55 2.95	38.25 1.28 -1.73
NORTHPORT___4 23650	28.42 1.15 0.00	35.82 1.56 -0.45	28.82 1.33 0.00	29.58 1.36 0.00	28.91 1.43 0.00	30.32 1.67 0.00	37.13 1.97 -5.08	43.55 1.94 -10.40	39.90 1.67 0.00	41.31 1.21 0.00	-293.74 1.40 334.73	35.00 2.11 10.00	34.51 2.24 10.93	34.36 2.71 17.93	41.99 2.19 17.12	36.51 1.93 18.11	39.29 3.48 53.98	126.48 13.06 275.59	68.93 6.49 152.08	22.62 1.41 24.73	22.47 1.33 23.54	23.98 1.38 26.39	40.15 1.55 2.95	38.25 1.28 -1.73
NORTHPORT___IC 23718	28.47 1.20 0.00	35.91 1.64 -0.45	28.89 1.40 0.00	29.65 1.43 0.00	29.02 1.53 0.00	30.40 1.75 0.00	37.20 2.03 -5.08	43.61 2.00 -10.40	39.92 1.68 0.00	41.36 1.25 0.00	40.27 1.33 0.66	44.48 1.59 0.01	44.87 1.67 0.00	51.65 2.06 0.00	45.42 1.63 13.12	36.14 1.56 18.12	38.61 2.94 54.12	123.25 10.63 276.39	67.92 5.55 152.16	22.37 1.18 24.75	22.29 1.16 23.54	23.80 1.20 26.39	40.07 1.47 2.95	38.14 1.17 -1.73
NORTH___COUNTRY_ESR 323785	27.65 0.39 0.00	34.30 0.49 0.00	27.83 0.34 0.00	28.40 0.19 0.00	27.55 0.06 0.00	28.77 0.11 0.00	30.35 0.26 0.00	31.66 0.44 0.00	38.90 0.66 0.00	40.92 0.81 0.00	40.03 0.44 0.00	43.16 0.27 0.00	43.40 0.20 0.00	49.72 0.13 0.00	56.83 -0.09 0.00	52.36 -0.33 0.00	88.52 -1.28 0.00	381.86 -7.15 0.00	210.59 -3.94 0.00	7.68 -2.59 35.67	43.41 -1.27 0.00	47.73 -1.27 0.00	39.55 -2.00 0.00	33.85 -1.40 0.00
NPX_GEN_1385_PROXY 323591	28.44 1.17 0.00	36.08 1.82 -0.45	29.02 1.53 0.00	29.85 1.64 0.00	29.34 1.86 0.00	30.54 1.89 0.00	37.57 2.40 -5.08	43.64 2.03 -10.40	39.91 1.68 0.00	41.47 1.36 0.00	40.47 1.54 0.66	45.16 2.27 0.01	45.83 2.63 0.00	52.88 3.29 0.00	46.01 2.20 13.12	37.34 2.53 17.88	40.32 4.65 54.12	290.46 22.67 121.22	194.19 11.54 31.87	45.54 2.60 3.00	47.95 2.54 -0.73	47.62 2.71 4.08	43.65 2.70 0.61	39.00 2.03 -1.73
NPX_GEN_CSC 323557	28.21 0.95 0.00	35.58 1.32 -0.45	28.56 1.07 0.00	29.31 1.09 0.00	28.66 1.17 0.00	30.18 1.53 0.00	37.05 1.88 -5.08	43.43 1.82 -10.40	39.91 1.68 0.00	41.56 1.45 0.00	41.19 1.60 0.00	44.86 1.96 0.00	45.22 2.02 0.00	52.20 2.61 0.00	53.14 2.23 6.02	54.81 2.18 0.06	71.66 4.09 22.23	323.17 14.18 80.02	220.43 6.65 0.75	50.20 1.58 -2.69	53.30 1.59 -7.03	52.29 1.57 -1.72	43.23 1.68 0.00	38.19 1.22 -1.73
NSINS_S_GLNS_FALLS 23858	29.03 1.76 0.00	36.10 2.21 -0.07	29.28 1.79 0.00	30.03 1.82 0.00	29.33 1.84 0.00	30.57 1.91 0.00	32.65 2.38 -0.18	35.26 2.43 -1.62	40.80 2.57 0.00	42.73 2.62 0.00	41.94 2.35 0.00	45.89 3.00 0.00	46.24 3.04 0.00	52.84 3.25 0.00	60.84 3.92 0.00	56.55 3.85 0.00	96.95 7.15 0.00	424.19 35.17 0.00	235.20 20.67 0.00	116.24 4.69 -65.61	126.48 4.56 -77.25	72.83 4.97 -18.87	45.48 3.93 0.00	38.69 3.18 -0.27
NUCOR_STEEL___DRP 24197	27.79 0.52 0.00	34.41 0.60 0.00	27.93 0.44 0.00	28.70 0.49 0.00	27.85 0.37 0.00	28.97 0.32 0.00	30.37 0.28 0.00	31.41 0.19 0.00	39.12 0.45 -0.43	41.32 0.57 -0.65	40.38 0.71 -0.08	44.60 1.19 -0.51	44.93 1.15 -0.58	52.90 1.65 -1.66	61.78 1.97 -2.89	56.92 2.02 -2.20	97.76 4.03 -3.93	411.11 15.15 -6.95	228.47 7.14 -6.81	48.71 1.77 -0.99	47.13 1.66 -0.80	52.56 1.72 -1.85	43.36 1.47 -0.34	36.27 1.03 0.00
NUMBER_THREE_WT_PWR 323818	27.93 0.66 0.00	34.48 0.66 0.00	27.99 0.50 0.00	28.72 0.50 0.00	27.97 0.49 0.00	29.22 0.57 0.00	30.60 0.52 0.00	31.71 0.49 0.00	39.16 0.74 -0.19	41.10 0.71 -0.29	40.27 0.64 -0.03	43.79 0.67 -0.23	44.14 0.68 -0.26	51.22 0.89 -0.74	59.36 1.15 -1.29	54.89 1.22 -0.98	93.73 2.21 -1.73	405.70 13.60 -3.09	224.91 7.35 -3.03	49.25 1.46 -1.85	46.89 1.86 -0.35	52.07 2.25 -0.82	43.17 1.47 -0.15	36.04 0.79 0.00
NYISO_LBMP_REFERENCE 24008	27.27 0.00 0.00	33.81 0.00 0.00	27.49 0.00 0.00	28.21 0.00 0.00	27.49 0.00 0.00	28.65 0.00 0.00	30.09 0.00 0.00	31.21 0.00 0.00	38.23 0.00 0.00	40.11 0.00 0.00	39.59 0.00 0.00	42.89 0.00 0.00	43.20 0.00 0.00	49.59 0.00 0.00	56.92 0.00 0.00	52.70 0.00 0.00	89.79 0.00 0.00	389.01 0.00 0.00	214.53 0.00 0.00	45.94 0.00 0.00	44.68 0.00 0.00	48.99 0.00 0.00	41.55 0.00 0.00	35.25 0.00 0.00
NYPA_BRENTWD____GT 24164	28.89 1.63 0.00	36.36 2.10 -0.45	29.23 1.74 0.00	29.99 1.78 0.00	29.33 1.85 0.00	30.76 2.11 0.00	37.61 2.45 -5.08	44.11 2.49 -10.40	40.66 2.43 0.00	42.25 2.15 0.00	41.85 2.26 0.00	45.55 2.66 0.00	45.81 2.62 0.00	52.72 3.13 0.00	52.80 2.46 6.57	55.05 2.42 0.07	72.42 4.56 21.93	326.56 17.11 79.56	222.47 8.84 0.90	50.64 1.96 -2.73	53.90 2.19 -7.03	53.05 2.34 -1.72	44.14 2.58 -0.01	38.97 2.00 -1.73

NYPA_GOWANUS____GT5 24156	29.93 1.59 -1.07	36.01 1.75 -0.45	28.92 1.43 0.00	29.68 1.47 0.00	29.01 1.52 0.00	30.36 1.71 0.00	33.23 1.99 -1.16	43.79 2.26 -10.31	40.81 2.57 0.00	42.63 2.53 0.00	42.24 2.65 0.00	45.86 2.96 0.00	46.28 3.09 0.00	53.12 3.53 0.00	60.73 3.81 0.00	56.27 3.56 -0.01	95.93 6.13 0.00	412.52 23.50 0.00	226.42 11.89 0.00	63.23 2.60 -14.68	54.18 2.47 -7.04	53.41 2.70 -1.72	44.17 2.62 0.00	39.23 2.21 -1.77
NYPA_GOWANUS____GT6 24157	29.93 1.59 -1.07	36.01 1.75 -0.45	28.92 1.43 0.00	29.68 1.47 0.00	29.01 1.52 0.00	30.36 1.71 0.00	33.23 1.99 -1.16	43.79 2.26 -10.31	40.81 2.57 0.00	42.63 2.53 0.00	42.24 2.65 0.00	45.86 2.96 0.00	46.28 3.09 0.00	53.12 3.53 0.00	60.73 3.81 0.00	56.27 3.56 -0.01	95.93 6.13 0.00	412.52 23.50 0.00	226.42 11.89 0.00	63.23 2.60 -14.68	54.18 2.47 -7.04	53.41 2.70 -1.72	44.17 2.62 0.00	39.23 2.21 -1.77
NYPA_HARLEM__RVR__GT1 24160	28.85 1.58 0.00	36.02 1.76 -0.45	28.95 1.46 0.00	29.70 1.49 0.00	29.04 1.56 0.00	30.40 1.75 0.00	33.26 2.02 -1.16	43.70 2.18 -10.31	40.60 2.37 0.00	42.42 2.31 0.00	42.02 2.43 0.00	45.66 2.77 0.00	46.11 2.91 0.00	52.88 3.29 0.00	60.52 3.60 0.00	56.04 3.34 0.00	95.61 5.81 0.00	411.67 22.66 -0.01	225.56 11.02 0.00	54.34 2.42 -5.98	53.98 2.26 -7.04	53.18 2.46 -1.73	43.97 2.42 0.00	38.89 1.94 -1.71
NYPA_HARLEM__RVR__GT2 24161	28.85 1.58 0.00	36.02 1.76 -0.45	28.95 1.46 0.00	29.70 1.49 0.00	29.04 1.56 0.00	30.40 1.75 0.00	33.26 2.02 -1.16	43.70 2.18 -10.31	40.60 2.37 0.00	42.42 2.31 0.00	42.02 2.43 0.00	45.66 2.77 0.00	46.11 2.91 0.00	52.88 3.29 0.00	60.52 3.60 0.00	56.04 3.34 0.00	95.61 5.81 0.00	411.67 22.66 -0.01	225.56 11.02 0.00	54.34 2.42 -5.98	53.98 2.26 -7.04	53.18 2.46 -1.73	43.97 2.42 0.00	38.89 1.94 -1.71
NYPA_KENT____GT 24152	29.45 1.56 -0.63	35.98 1.72 -0.45	28.90 1.41 0.00	29.65 1.44 0.00	28.99 1.50 0.00	30.34 1.69 0.00	33.21 1.97 -1.16	43.76 2.23 -10.31	40.76 2.52 0.00	42.57 2.47 0.00	42.17 2.57 0.00	45.77 2.88 0.00	46.18 2.98 0.00	52.97 3.38 0.00	60.56 3.64 0.00	56.11 3.41 0.00	95.66 5.87 0.00	411.70 22.69 0.00	225.89 11.36 0.00	54.86 2.48 -6.44	54.06 2.35 -7.04	53.27 2.56 -1.72	44.06 2.51 0.00	39.13 2.14 -1.74
NYPA_POUCH1____GT 24155	29.84 1.50 -1.07	35.91 1.65 -0.45	28.85 1.36 0.00	29.60 1.38 0.00	28.92 1.44 0.00	30.27 1.62 0.00	33.13 1.89 -1.16	43.68 2.16 -10.31	40.68 2.44 0.00	42.47 2.36 0.00	42.11 2.52 0.00	45.72 2.83 0.00	46.16 2.96 0.00	53.01 3.42 0.00	60.58 3.66 0.00	56.14 3.44 -0.01	95.71 5.92 0.00	412.16 23.15 0.00	226.38 11.85 0.00	63.17 2.54 -14.68	54.04 2.33 -7.04	53.28 2.57 -1.72	44.06 2.50 0.00	39.11 2.10 -1.77
NYPA_VERNON____GT2 24162	28.98 1.53 -0.19	35.95 1.69 -0.45	28.88 1.39 0.00	29.63 1.41 0.00	28.97 1.48 0.00	30.32 1.67 0.00	33.19 1.95 -1.16	43.73 2.20 -10.31	40.70 2.47 0.00	42.51 2.41 0.00	42.13 2.54 0.00	45.72 2.82 0.00	46.10 2.90 0.00	52.85 3.26 0.00	60.43 3.51 0.00	55.99 3.29 0.00	95.48 5.69 0.00	411.20 22.19 0.00	225.52 10.99 0.00	54.46 2.40 -6.11	53.96 2.25 -7.04	53.17 2.46 -1.72	43.99 2.44 0.00	39.03 2.07 -1.72
NYPA_VERNON____GT3 24163	28.98 1.53 -0.19	35.95 1.69 -0.45	28.88 1.39 0.00	29.63 1.41 0.00	28.97 1.48 0.00	30.32 1.67 0.00	33.19 1.95 -1.16	43.73 2.20 -10.31	40.70 2.47 0.00	42.51 2.41 0.00	42.13 2.54 0.00	45.72 2.82 0.00	46.10 2.90 0.00	52.85 3.26 0.00	60.43 3.51 0.00	55.99 3.29 0.00	95.48 5.69 0.00	411.20 22.19 0.00	225.52 10.99 0.00	54.46 2.40 -6.11	53.96 2.25 -7.04	53.17 2.46 -1.72	43.99 2.44 0.00	39.03 2.07 -1.72
NYPA____ASTORIA_CC1 323568	28.75 1.48 0.00	35.88 1.62 -0.45	28.83 1.34 0.00	29.59 1.38 0.00	28.93 1.45 0.00	30.28 1.63 0.00	33.14 1.90 -1.16	43.66 2.14 -10.31	40.63 2.39 0.00	42.43 2.33 0.00	42.06 2.46 0.00	45.61 2.72 0.00	46.00 2.80 0.00	52.71 3.12 0.00	60.26 3.34 0.00	55.83 3.13 0.00	95.21 5.41 0.00	410.06 21.05 0.00	224.92 10.39 0.00	54.20 2.28 -5.98	53.86 2.15 -7.04	53.05 2.33 -1.72	43.92 2.36 0.00	38.96 2.00 -1.71
NYPA____ASTORIA_CC2 323569	28.75 1.48 0.00	35.88 1.62 -0.45	28.83 1.34 0.00	29.59 1.38 0.00	28.93 1.45 0.00	30.28 1.63 0.00	33.14 1.90 -1.16	43.66 2.14 -10.31	40.63 2.39 0.00	42.43 2.33 0.00	42.06 2.46 0.00	45.61 2.72 0.00	46.00 2.80 0.00	52.71 3.12 0.00	60.26 3.34 0.00	55.83 3.13 0.00	95.21 5.41 0.00	410.06 21.05 0.00	224.92 10.39 0.00	54.20 2.28 -5.98	53.86 2.15 -7.04	53.05 2.33 -1.72	43.92 2.36 0.00	38.96 2.00 -1.71
NYPA____HOLTSVILL 23794	28.52 1.25 0.00	35.89 1.63 -0.45	28.87 1.38 0.00	29.62 1.41 0.00	28.97 1.49 0.00	30.42 1.77 0.00	37.25 2.09 -5.08	43.70 2.09 -10.40	40.19 1.96 0.00	41.78 1.68 0.00	41.41 1.82 0.00	45.05 2.16 0.00	45.39 2.19 0.00	52.32 2.73 0.00	53.26 2.32 5.98	54.86 2.22 0.06	71.71 4.17 22.25	323.68 14.72 80.06	220.76 6.97 0.74	50.31 1.68 -2.69	53.41 1.70 -7.03	52.46 1.75 -1.72	43.45 1.89 0.00	38.45 1.47 -1.73
NYPA____HELLGATE_GT1 24158	28.85 1.58 0.00	36.02 1.76 -0.45	28.95 1.46 0.00	29.70 1.49 0.00	29.04 1.56 0.00	30.40 1.75 0.00	33.26 2.02 -1.16	43.70 2.18 -10.31	40.60 2.37 0.00	42.42 2.31 0.00	42.02 2.43 0.00	45.66 2.77 0.00	46.11 2.91 0.00	52.88 3.29 0.00	60.52 3.60 0.00	56.04 3.34 0.00	95.61 5.81 0.00	411.67 22.66 -0.01	225.56 11.02 0.00	54.34 2.42 -5.98	53.98 2.26 -7.04	53.18 2.46 -1.73	43.97 2.42 0.00	38.89 1.94 -1.71
NYPA____HELLGATE_GT2 24159	28.85 1.58 0.00	36.02 1.76 -0.45	28.95 1.46 0.00	29.70 1.49 0.00	29.04 1.56 0.00	30.40 1.75 0.00	33.26 2.02 -1.16	43.70 2.18 -10.31	40.60 2.37 0.00	42.42 2.31 0.00	42.02 2.43 0.00	45.66 2.77 0.00	46.11 2.91 0.00	52.88 3.29 0.00	60.52 3.60 0.00	56.04 3.34 0.00	95.61 5.81 0.00	411.67 22.66 -0.01	225.56 11.02 0.00	54.34 2.42 -5.98	53.98 2.26 -7.04	53.18 2.46 -1.73	43.97 2.42 0.00	38.89 1.94 -1.71
NYS_BARGE____HYD 23848	28.21 0.95 0.00	34.54 0.73 0.00	27.79 0.30 0.00	28.42 0.21 0.00	27.66 0.18 0.00	28.39 -0.26 0.00	29.34 -0.75 0.00	30.03 -1.19 0.00	37.70 -0.54 0.00	40.00 -0.10 0.00	40.24 0.65 0.00	44.15 1.25 0.00	44.96 1.76 0.00	52.01 2.42 0.00	59.54 2.62 0.00	55.33 2.64 0.00	94.45 4.66 0.00	405.83 16.82 0.00	223.32 8.80 0.00	47.99 2.05 0.00	46.22 1.54 0.00	50.64 1.64 0.00	43.55 2.00 0.00	37.26 2.01 0.00
OAK ORCHARD____HYD 24046	28.18 0.92 0.00	34.68 0.87 0.00	27.98 0.49 0.00	28.64 0.43 0.00	27.90 0.41 0.00	28.84 0.19 0.00	30.03 -0.06 0.00	30.93 -0.29 0.00	38.46 0.23 0.00	40.69 0.58 0.00	40.74 1.15 0.00	44.62 1.72 0.00	45.36 2.17 0.00	52.50 2.92 0.00	60.29 3.37 0.00	55.98 3.29 0.00	95.51 5.72 0.00	411.33 22.32 0.00	226.94 12.41 0.00	48.54 2.60 0.00	46.85 2.18 0.00	51.27 2.28 0.00	43.71 2.16 0.00	37.14 1.90 0.00

OAKDALE___35_KV_LOAD 356122	27.64 0.38 0.00	34.18 0.37 0.00	27.75 0.26 0.00	28.54 0.33 0.00	27.80 0.32 0.00	28.97 0.32 0.00	30.43 0.34 0.00	31.54 0.33 0.00	39.07 0.66 -0.18	41.10 0.73 -0.26	40.45 0.83 -0.03	44.29 1.19 -0.21	44.61 1.18 -0.23	51.81 1.55 -0.68	59.87 1.77 -1.18	55.16 1.57 -0.89	94.44 3.06 -1.59	403.51 11.67 -2.83	222.97 5.67 -2.77	50.25 1.29 -3.02	49.19 1.13 -3.39	51.83 1.33 -1.51	42.88 1.19 -0.14	36.27 1.02 0.00
OCC_CHEM___DRP 24175	27.74 0.48 0.00	34.00 0.19 0.00	27.37 -0.12 0.00	27.99 -0.22 0.00	27.25 -0.23 0.00	27.92 -0.73 0.00	28.81 -1.28 0.00	29.40 -1.82 0.00	36.92 -1.31 0.00	39.25 -0.86 0.00	39.52 -0.07 0.00	43.36 0.47 0.00	43.93 0.73 0.00	50.71 1.13 0.00	58.01 1.09 0.00	53.94 1.25 0.00	92.13 2.33 0.00	395.05 6.04 0.00	217.34 2.81 0.00	46.76 0.81 0.00	45.02 0.34 0.00	49.30 0.31 0.00	42.56 1.01 0.00	36.66 1.41 0.00
OH_GEN_PROXY 24063	27.79 0.53 0.00	34.07 0.26 0.00	27.45 -0.04 0.00	28.08 -0.13 0.00	27.34 -0.14 0.00	28.07 -0.58 0.00	29.02 -1.07 0.00	12.75 -1.53 16.93	37.23 -1.00 0.00	39.52 -0.59 0.00	39.74 0.14 0.00	43.57 0.67 0.00	44.28 1.08 0.00	51.18 1.59 0.00	58.68 1.76 0.00	54.56 1.86 0.00	93.17 3.38 0.00	400.16 11.15 0.00	220.13 5.60 0.00	47.28 1.34 0.00	45.55 0.88 0.00	49.92 0.93 0.00	42.94 1.39 0.00	36.76 1.51 0.00
OLIN_CORP_DRP 24177	27.85 0.58 0.00	34.12 0.31 0.00	27.46 -0.03 0.00	28.09 -0.12 0.00	27.34 -0.14 0.00	28.04 -0.61 0.00	28.93 -1.15 0.00	29.55 -1.66 0.00	37.10 -1.13 0.00	39.41 -0.69 0.00	39.67 0.07 0.00	43.54 0.64 0.00	44.31 1.11 0.00	51.22 1.63 0.00	58.61 1.69 0.00	54.51 1.81 0.00	93.14 3.35 0.00	399.86 10.84 0.00	219.92 5.39 0.00	47.27 1.33 0.00	45.53 0.86 0.00	49.85 0.86 0.00	42.96 1.41 0.00	36.80 1.56 0.00
OLIN_CORP_DSASP 323712	27.74 0.48 0.00	34.00 0.19 0.00	27.37 -0.12 0.00	27.99 -0.22 0.00	27.25 -0.23 0.00	27.92 -0.73 0.00	28.81 -1.27 0.00	29.41 -1.81 0.00	36.93 -1.31 0.00	39.24 -0.87 0.00	39.52 -0.07 0.00	43.34 0.44 0.00	43.93 0.74 0.00	50.71 1.12 0.00	58.02 1.10 0.00	53.95 1.25 0.00	92.05 2.26 0.00	394.85 5.83 0.00	217.35 2.82 0.00	46.76 0.82 0.00	45.02 0.34 0.00	49.31 0.32 0.00	42.57 1.01 0.00	36.65 1.41 0.00
ONEIDA_HERK_LFGE 323681	28.01 0.75 0.00	34.64 0.83 0.00	28.14 0.65 0.00	28.87 0.65 0.00	28.14 0.66 0.00	29.37 0.72 0.00	30.84 0.76 0.00	31.95 0.74 0.00	39.30 0.96 -0.10	41.27 1.00 -0.16	40.64 1.03 -0.02	44.23 1.22 -0.12	44.62 1.28 -0.14	51.54 1.55 -0.40	59.61 2.00 -0.70	55.03 1.80 -0.53	94.11 3.37 -0.94	407.90 17.21 -1.68	225.48 9.31 -1.65	48.77 1.94 -0.89	46.88 2.01 -0.19	51.68 2.24 -0.45	43.28 1.64 -0.08	36.37 1.12 0.00
ONEIDA___115KV_TB4 55905	28.19 0.93 0.00	34.90 1.08 0.00	28.33 0.84 0.00	29.06 0.85 0.00	28.33 0.85 0.00	29.57 0.92 0.00	31.08 1.00 0.00	32.19 0.97 0.00	39.61 1.23 -0.14	41.61 1.29 -0.21	41.00 1.38 -0.03	44.83 1.77 -0.17	45.30 1.91 -0.19	52.44 2.30 -0.55	60.80 2.92 -0.96	55.92 2.49 -0.73	96.00 4.92 -1.28	414.58 23.27 -2.30	229.34 12.56 -2.25	48.96 2.70 -0.33	47.43 2.49 -0.26	52.27 2.66 -0.62	43.73 2.06 -0.11	36.80 1.55 0.00
ONONDAGA_REF_OCCRA 23987	27.41 0.15 0.00	33.99 0.18 0.00	27.59 0.10 0.00	28.32 0.10 0.00	27.60 0.11 0.00	28.72 0.07 0.00	30.10 0.02 0.00	31.15 -0.07 0.00	38.66 0.09 -0.33	40.82 0.22 -0.49	40.05 0.40 -0.06	43.99 0.71 -0.39	44.50 0.87 -0.44	51.99 1.15 -1.25	60.46 1.36 -2.18	55.74 1.39 -1.66	95.30 2.22 -3.29	401.63 7.37 -5.24	223.32 3.66 -5.13	47.54 0.86 -0.74	46.33 1.07 -0.58	51.45 1.11 -1.35	42.71 0.92 -0.25	35.98 0.73 0.00
ONONDAGA___COGEN 23986	27.42 0.16 0.00	34.00 0.19 0.00	27.61 0.12 0.00	28.35 0.13 0.00	27.61 0.12 0.00	28.73 0.09 0.00	30.12 0.04 0.00	31.17 -0.05 0.00	38.82 0.10 -0.48	41.04 0.21 -0.73	40.06 0.38 -0.08	44.14 0.67 -0.58	44.62 0.77 -0.65	52.50 1.05 -1.86	61.44 1.28 -3.24	56.46 1.30 -2.46	96.69 2.47 -4.43	406.12 9.32 -7.79	226.59 4.44 -7.62	48.07 1.02 -1.11	46.54 0.98 -0.89	52.06 1.00 -2.07	42.76 0.83 -0.37	35.89 0.64 0.00
ONTARIO___LFGE 23819	28.16 0.90 0.00	34.70 0.88 0.00	28.12 0.63 0.00	28.82 0.61 0.00	28.09 0.60 0.00	29.13 0.48 0.00	30.54 0.45 0.00	31.56 0.34 0.00	39.35 0.96 -0.16	41.49 1.14 -0.24	41.06 1.44 -0.03	45.03 1.94 -0.19	45.49 2.07 -0.22	53.04 2.82 -0.62	61.25 3.25 -1.08	56.96 3.44 -0.82	96.54 5.27 -1.48	411.15 19.54 -2.60	228.27 11.20 -2.55	49.01 2.70 -0.37	47.43 2.45 -0.30	52.31 2.62 -0.69	43.90 2.22 -0.13	37.09 1.85 0.00
ORANGEVILLE_WT_PWR 323706	28.27 1.01 0.00	34.66 0.85 0.00	27.94 0.45 0.00	28.61 0.40 0.00	27.83 0.34 0.00	28.65 0.00 0.00	29.71 -0.38 0.00	30.64 -0.57 0.00	38.47 0.24 0.00	40.66 0.55 0.00	40.63 1.03 0.00	44.48 1.59 0.00	44.91 1.72 0.00	51.83 2.24 0.00	59.46 2.54 0.00	55.11 2.41 0.00	94.38 4.58 0.00	406.97 17.96 0.00	224.01 9.49 0.00	47.93 1.99 0.00	46.36 1.69 0.00	51.00 2.01 0.00	43.66 2.11 0.00	37.23 1.98 0.00
ORANGEVILLE___ESR 323794	28.27 1.01 0.00	34.66 0.85 0.00	27.94 0.45 0.00	28.61 0.40 0.00	27.83 0.34 0.00	28.65 0.00 0.00	29.71 -0.38 0.00	30.64 -0.57 0.00	38.47 0.24 0.00	40.66 0.55 0.00	40.63 1.03 0.00	44.48 1.59 0.00	44.91 1.72 0.00	51.83 2.24 0.00	59.46 2.54 0.00	55.11 2.41 0.00	94.38 4.58 0.00	406.97 17.96 0.00	224.01 9.49 0.00	47.93 1.99 0.00	46.36 1.69 0.00	51.00 2.01 0.00	43.66 2.11 0.00	37.23 1.98 0.00
OSWEGATCHIE___HYD 24044	27.22 -0.05 0.00	33.63 -0.18 0.00	27.30 -0.19 0.00	27.99 -0.22 0.00	27.23 -0.25 0.00	28.46 -0.19 0.00	29.79 -0.30 0.00	30.99 -0.22 0.00	38.21 -0.19 -0.16	40.13 -0.22 -0.24	39.16 -0.46 -0.03	42.45 -0.63 -0.19	42.77 -0.65 -0.22	49.62 -0.59 -0.62	57.47 -0.53 -1.08	53.17 -0.35 -0.82	90.72 -0.54 -1.46	393.09 1.48 -2.60	218.03 0.95 -2.55	49.54 -0.01 -3.61	45.29 0.31 -0.30	50.44 0.75 -0.69	41.83 0.15 -0.13	35.13 -0.12 0.00
OSWEGO___5 23606	26.89 -0.38 0.00	33.37 -0.44 0.00	27.10 -0.38 0.00	27.81 -0.40 0.00	27.10 -0.39 0.00	28.20 -0.45 0.00	29.55 -0.53 0.00	30.55 -0.66 0.00	39.55 -0.71 -2.03	42.47 -0.67 -3.04	39.42 -0.53 -0.36	44.88 -0.42 -2.41	45.55 -0.36 -2.71	57.07 -0.30 -7.79	70.16 -0.32 -13.56	62.76 -0.24 -10.30	107.83 -0.26 -18.30	419.93 -1.66 -32.59	245.22 -1.22 -31.91	50.36 -0.23 -4.65	48.14 -0.28 -3.74	57.35 -0.33 -8.69	42.88 -0.25 -1.58	35.02 -0.23 0.00
OSWEGO___6 23613	26.89 -0.38 0.00	33.37 -0.44 0.00	27.10 -0.38 0.00	27.81 -0.40 0.00	27.10 -0.39 0.00	28.20 -0.45 0.00	29.55 -0.53 0.00	30.55 -0.66 0.00	39.55 -0.71 -2.03	42.47 -0.67 -3.04	39.42 -0.53 -0.36	44.88 -0.42 -2.41	45.55 -0.36 -2.71	57.07 -0.30 -7.79	70.16 -0.32 -13.56	62.76 -0.24 -10.30	107.83 -0.26 -18.30	419.93 -1.66 -32.59	245.22 -1.22 -31.91	50.36 -0.23 -4.65	48.14 -0.28 -3.74	57.35 -0.33 -8.69	42.88 -0.25 -1.58	35.02 -0.23 0.00

OUTOKUMPU-AB___DRP 24206	28.49 1.23 0.00	34.88 1.06 0.00	28.06 0.57 0.00	28.69 0.47 0.00	27.92 0.44 0.00	28.66 0.01 0.00	29.63 -0.45 0.00	30.33 -0.88 0.00	38.15 -0.09 0.00	40.55 0.44 0.00	40.82 1.22 0.00	44.85 1.96 0.00	45.51 2.31 0.00	52.63 3.04 0.00	60.22 3.30 0.00	55.91 3.21 0.00	95.41 5.62 0.00	409.73 20.72 0.00	225.03 10.51 0.00	48.35 2.41 0.00	46.55 1.87 0.00	51.08 2.08 0.00	43.94 2.39 0.00	37.65 2.41 0.00
OXBOW___BTM 323836	28.16 0.89 0.00	34.47 0.66 0.00	27.75 0.25 0.00	28.37 0.16 0.00	27.61 0.12 0.00	28.32 -0.33 0.00	29.25 -0.84 0.00	29.90 -1.31 0.00	37.58 -0.65 0.00	39.94 -0.16 0.00	40.24 0.65 0.00	44.16 1.27 0.00	44.82 1.63 0.00	51.80 2.21 0.00	59.27 2.35 0.00	55.07 2.38 0.00	93.94 4.14 0.00	403.30 14.29 0.00	221.78 7.26 0.00	47.66 1.72 0.00	45.87 1.19 0.00	50.29 1.30 0.00	43.33 1.78 0.00	37.21 1.96 0.00
OXBOW___ 24026	28.16 0.89 0.00	34.47 0.66 0.00	27.75 0.25 0.00	28.37 0.16 0.00	27.61 0.12 0.00	28.32 -0.33 0.00	29.25 -0.84 0.00	29.89 -1.32 0.00	37.58 -0.65 0.00	39.96 -0.15 0.00	40.25 0.65 0.00	44.19 1.30 0.00	44.82 1.62 0.00	51.80 2.21 0.00	59.26 2.34 0.00	55.07 2.38 0.00	94.02 4.23 0.00	403.48 14.46 0.00	221.74 7.22 0.00	47.66 1.72 0.00	45.88 1.20 0.00	50.28 1.29 0.00	43.33 1.78 0.00	37.21 1.96 0.00
OXY_CHEM_DSASP 323612	27.74 0.48 0.00	34.00 0.19 0.00	27.37 -0.12 0.00	27.99 -0.22 0.00	27.25 -0.23 0.00	27.92 -0.73 0.00	28.81 -1.28 0.00	29.40 -1.82 0.00	36.92 -1.31 0.00	39.25 -0.86 0.00	39.52 -0.07 0.00	43.36 0.47 0.00	43.93 0.73 0.00	50.71 1.13 0.00	58.01 1.09 0.00	53.94 1.25 0.00	92.13 2.33 0.00	395.05 6.04 0.00	217.34 2.81 0.00	46.76 0.81 0.00	45.02 0.34 0.00	49.30 0.31 0.00	42.56 1.01 0.00	36.66 1.41 0.00
OZONE_PARK_ESR 323760	29.08 1.81 0.00	36.28 2.02 -0.45	29.14 1.65 0.00	29.90 1.68 0.00	29.22 1.73 0.00	30.57 1.92 0.00	33.44 2.20 -1.16	44.00 2.48 -10.30	41.07 2.83 0.00	42.89 2.79 0.00	42.53 2.94 0.00	46.19 3.30 0.00	46.57 3.37 0.00	53.49 3.90 0.00	61.25 4.34 0.00	56.80 4.10 0.00	96.91 7.11 0.00	417.62 28.61 0.00	228.99 14.46 0.00	55.05 3.13 -5.98	54.67 2.96 -7.04	53.91 3.20 -1.72	44.52 2.96 0.00	39.48 2.52 -1.71
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	27.74 0.48 0.00	34.00 0.19 0.00	27.37 -0.12 0.00	27.99 -0.22 0.00	27.25 -0.23 0.00	27.92 -0.73 0.00	28.81 -1.28 0.00	29.40 -1.82 0.00	36.92 -1.31 0.00	39.25 -0.86 0.00	39.52 -0.07 0.00	43.36 0.47 0.00	43.93 0.73 0.00	50.71 1.13 0.00	58.01 1.09 0.00	53.94 1.25 0.00	92.13 2.33 0.00	395.05 6.04 0.00	217.34 2.81 0.00	46.76 0.81 0.00	45.02 0.34 0.00	49.30 0.31 0.00	42.56 1.01 0.00	36.66 1.41 0.00
PACKARD__115KV_DUPONT_184 80571	27.74 0.48 0.00	34.00 0.19 0.00	27.37 -0.12 0.00	27.99 -0.22 0.00	27.25 -0.23 0.00	27.92 -0.73 0.00	28.81 -1.28 0.00	29.40 -1.82 0.00	36.92 -1.31 0.00	39.25 -0.86 0.00	39.52 -0.07 0.00	43.36 0.47 0.00	43.93 0.73 0.00	50.71 1.13 0.00	58.01 1.09 0.00	53.94 1.25 0.00	92.13 2.33 0.00	395.05 6.04 0.00	217.34 2.81 0.00	46.76 0.81 0.00	45.02 0.34 0.00	49.30 0.31 0.00	42.56 1.01 0.00	36.66 1.41 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	28.76 1.50 0.00	35.93 1.67 -0.45	28.88 1.39 0.00	29.64 1.43 0.00	28.98 1.49 0.00	30.32 1.67 0.00	33.18 1.93 -1.16	43.62 2.09 -10.31	40.55 2.31 0.00	42.36 2.25 0.00	41.96 2.37 0.00	45.58 2.68 0.00	46.03 2.83 0.00	52.79 3.20 0.00	60.44 3.52 0.00	55.99 3.30 0.00	95.52 5.72 0.00	411.65 22.63 -0.01	225.85 11.32 0.00	54.41 2.49 -5.98	54.06 2.34 -7.04	53.28 2.56 -1.73	44.05 2.50 0.00	38.95 1.99 -1.71
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	29.05 1.79 0.00	36.29 2.03 -0.45	29.14 1.65 0.00	29.92 1.71 0.00	29.27 1.78 0.00	30.63 1.98 0.00	33.51 2.26 -1.16	43.93 2.40 -10.31	40.91 2.68 0.00	42.74 2.63 0.00	42.34 2.74 0.00	46.02 3.12 0.00	46.47 3.27 0.00	53.36 3.78 0.00	61.20 4.28 0.00	56.72 4.02 0.00	96.67 6.88 0.00	415.90 26.88 -0.01	228.22 13.69 0.00	54.87 2.95 -5.98	54.49 2.77 -7.04	53.78 3.06 -1.73	44.46 2.91 0.00	39.27 2.32 -1.71
PATROON__115KV_TB1 80586	27.77 0.51 0.00	34.50 0.61 -0.07	28.09 0.60 0.00	28.83 0.61 0.00	28.14 0.66 0.00	29.31 0.66 0.00	31.08 0.81 -0.19	33.70 0.81 -1.68	39.02 0.79 0.00	40.92 0.82 0.00	40.42 0.83 0.00	44.00 1.10 0.00	44.31 1.12 0.00	50.79 1.20 0.00	58.27 1.35 0.00	53.95 1.25 0.00	92.12 2.33 0.00	400.34 11.32 0.00	221.07 6.54 0.00	92.54 1.56 -45.04	99.20 1.49 -53.03	63.49 1.55 -12.95	42.80 1.25 0.00	36.56 1.04 -0.28
PATTRSNVILLE___SOLAR 323815	28.17 0.90 0.00	34.89 1.08 0.00	28.38 0.89 0.00	29.15 0.93 0.00	28.42 0.93 0.00	29.62 0.97 0.00	31.18 1.10 0.00	32.29 1.07 0.00	39.29 1.05 0.00	40.96 0.85 0.00	40.43 0.84 0.00	43.90 1.01 0.00	44.21 1.01 0.00	50.97 1.39 0.00	58.60 1.68 0.00	54.08 1.39 0.00	92.44 2.65 0.00	400.84 11.83 0.00	222.67 8.15 0.00	120.88 2.02 -72.92	132.52 1.99 -85.86	72.12 2.16 -20.97	43.35 1.79 0.00	36.70 1.46 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	28.51 1.25 0.00	34.92 1.10 0.00	28.11 0.62 0.00	28.77 0.56 0.00	28.00 0.51 0.00	28.83 0.18 0.00	29.92 -0.16 0.00	30.79 -0.43 0.00	38.67 0.44 0.00	41.02 0.92 0.00	41.17 1.58 0.00	45.22 2.33 0.00	45.87 2.67 0.00	53.07 3.48 0.00	60.88 3.96 0.00	56.58 3.89 0.00	96.85 7.05 0.00	415.30 26.29 0.00	227.92 13.39 0.00	48.87 2.93 0.00	47.08 2.40 0.00	51.67 2.68 0.00	44.29 2.74 0.00	37.80 2.55 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	28.74 1.48 0.00	35.60 1.65 -0.15	28.84 1.35 0.00	29.61 1.39 0.00	28.92 1.44 0.00	30.24 1.59 0.00	32.29 1.83 -0.38	36.67 2.08 -3.38	40.58 2.35 0.00	42.47 2.36 0.00	42.05 2.47 0.00	45.73 2.84 0.00	46.13 2.93 0.00	53.05 3.47 0.00	60.88 3.96 0.00	56.52 3.83 0.00	96.54 6.75 0.00	417.26 28.25 0.00	229.25 14.72 0.00	55.32 3.16 -6.22	54.89 2.90 -7.32	53.84 3.06 -1.79	44.25 2.70 0.00	38.02 2.22 -0.56
PEEKSKILL___ 23653	28.42 1.15 0.00	35.59 1.25 -0.52	28.55 1.06 0.00	29.31 1.10 0.00	28.66 1.17 0.00	29.95 1.30 0.00	32.92 1.48 -1.36	44.98 1.67 -12.09	40.01 1.78 0.00	41.83 1.72 0.00	41.42 1.83 0.00	45.01 2.12 0.00	45.35 2.16 0.00	52.10 2.51 0.00	59.74 2.82 0.00	55.42 2.72 0.00	94.63 4.83 0.00	408.26 19.25 0.00	224.13 9.60 0.00	53.92 2.09 -5.89	53.55 1.94 -6.94	52.75 2.07 -1.70	43.49 1.93 0.00	38.86 1.61 -2.01
PGE MADISON___WINDPWR 24146	29.05 1.79 0.00	35.97 2.16 0.00	29.35 1.86 0.00	30.15 1.94 0.00	29.49 2.00 0.00	30.82 2.17 0.00	32.53 2.44 0.00	33.77 2.56 0.00	41.79 3.37 -0.19	44.07 3.68 -0.28	43.14 3.52 -0.03	47.17 4.05 -0.23	47.37 3.92 -0.25	55.11 4.80 -0.72	63.61 5.43 -1.26	58.46 4.81 -0.96	100.95 9.45 -1.70	432.97 40.93 -3.03	240.62 23.13 -2.97	55.39 5.15 -4.30	54.54 4.99 -4.88	55.87 4.95 -1.93	45.66 3.95 -0.15	38.10 2.85 0.00

PIERCEFIELD___HYD 23852	26.79 -0.48 0.00	33.19 -0.62 0.00	26.94 -0.56 0.00	27.59 -0.63 0.00	26.78 -0.71 0.00	28.01 -0.64 0.00	29.30 -0.79 0.00	30.61 -0.61 0.00	37.66 -0.66 -0.08	39.54 -0.69 -0.12	38.49 -1.12 -0.01	41.48 -1.51 -0.10	41.66 -1.65 -0.11	48.07 -1.83 -0.32	55.39 -2.09 -0.56	51.16 -1.96 -0.42	86.86 -3.68 -0.75	376.62 -13.74 -1.34	208.85 -6.99 -1.31	48.79 -2.12 -4.96	43.07 -1.77 -0.15	47.97 -1.38 -0.36	40.09 -1.53 -0.07	33.92 -1.32 0.00
PINELAWN_CC_1 323563	28.83 1.56 0.00	36.22 1.96 -0.45	29.12 1.63 0.00	29.85 1.64 0.00	29.20 1.72 0.00	30.62 1.97 0.00	37.48 2.32 -5.08	44.00 2.39 -10.40	40.60 2.36 0.00	41.96 1.85 0.00	41.44 1.85 0.00	45.07 2.17 0.00	45.48 2.28 0.00	52.28 2.69 0.00	49.95 2.27 9.24	54.78 2.21 0.12	73.54 4.12 20.38	327.37 15.41 77.06	220.80 7.86 1.59	50.63 1.74 -2.96	53.43 1.72 -7.03	52.80 2.09 -1.72	44.10 2.54 0.00	38.98 2.02 -1.73
PJM_GEN_HTTP_PROXY 323702	28.63 1.37 0.00	35.76 1.50 -0.45	28.74 1.26 0.00	29.49 1.28 0.00	28.83 1.35 0.00	30.16 1.51 0.00	33.00 1.75 -1.16	43.53 2.01 -10.31	41.28 2.22 -0.82	43.45 2.17 -1.18	41.71 2.29 0.18	45.48 2.58 0.00	45.84 2.65 0.00	51.14 3.01 1.46	61.48 3.31 -1.25	55.84 3.14 0.00	95.23 5.44 0.00	410.56 21.55 0.00	225.15 10.62 0.00	54.22 2.30 -5.98	53.88 2.16 -7.04	53.02 2.31 -1.72	43.76 2.20 0.00	38.85 1.89 -1.71
PJM_GEN_KEystone 24065	27.91 0.64 0.00	33.63 0.53 0.71	27.85 0.36 0.00	28.62 0.41 0.00	27.94 0.46 0.00	29.10 0.45 0.00	28.69 0.44 1.83	15.35 0.45 16.32	39.83 0.77 -0.82	42.10 0.82 -1.18	40.19 1.03 0.43	45.22 1.40 -0.92	43.86 1.43 0.77	50.02 1.89 1.46	60.37 2.20 -1.25	54.76 2.06 0.00	93.65 3.85 0.00	402.39 13.38 0.00	220.61 6.08 0.00	51.03 1.37 -3.71	50.20 1.16 -4.37	51.45 1.39 -1.07	42.99 1.44 0.00	14.35 1.34 22.23
PJM_GEN_NEPTUNE_PROXY 323594	28.57 1.30 0.00	35.86 1.60 -0.45	28.82 1.33 0.00	29.56 1.35 0.00	28.91 1.43 0.00	30.30 1.65 0.00	35.42 1.93 -3.40	43.62 2.01 -10.40	41.02 1.96 -0.82	43.01 1.73 -1.18	41.29 1.87 0.18	45.14 2.24 0.00	45.53 2.34 0.00	50.89 2.76 1.46	57.83 2.69 1.78	55.25 2.56 0.01	70.86 4.46 23.39	325.38 17.27 80.90	223.11 8.58 0.00	50.35 1.89 -2.52	53.53 1.82 -7.03	52.68 1.97 -1.72	43.61 2.05 0.00	38.63 1.66 -1.73
PJM_GEN_VFT_PROXY 323633	28.51 1.25 0.00	35.61 1.35 -0.45	28.63 1.14 0.00	29.38 1.17 0.00	28.73 1.25 0.00	30.05 1.40 0.00	32.85 1.61 -1.16	43.40 1.88 -10.30	41.13 2.08 -0.82	43.27 1.99 -1.18	41.48 2.07 0.18	45.19 2.30 0.00	45.57 2.37 0.00	50.88 2.75 1.46	61.20 3.03 -1.25	55.57 2.88 0.00	94.76 4.97 0.00	408.03 19.01 0.00	223.70 9.17 0.00	53.92 2.01 -5.97	53.60 1.89 -7.03	52.73 2.02 -1.72	43.51 1.96 0.00	38.67 1.72 -1.71
PLATSBURG_115KV_PMLD1 355749	28.57 1.30 0.00	35.41 1.60 0.00	28.71 1.22 0.00	29.15 0.94 0.00	28.34 0.85 0.00	29.53 0.88 0.00	31.37 1.29 0.00	32.59 1.37 0.00	40.01 1.78 0.00	42.12 2.02 0.00	41.25 1.66 0.00	44.62 1.73 0.00	44.86 1.67 0.00	51.20 1.61 0.00	58.26 1.34 0.00	53.55 0.85 0.00	90.18 0.39 0.00	388.51 -0.50 0.00	213.69 -0.83 0.00	9.10 -3.01 33.83	43.96 -0.72 0.00	48.34 -0.65 0.00	39.72 -1.84 0.00	34.01 -1.24 0.00
PLEASANTVLY___LBMP 24000	28.23 0.97 0.00	35.08 1.08 -0.19	28.41 0.92 0.00	29.16 0.95 0.00	28.50 1.02 0.00	29.77 1.12 0.00	31.89 1.32 -0.49	37.07 1.48 -4.38	39.80 1.57 0.00	41.63 1.53 0.00	41.19 1.60 0.00	44.74 1.85 0.00	45.08 1.88 0.00	51.70 2.11 0.00	59.29 2.37 0.00	54.96 2.27 0.00	93.83 4.04 0.00	405.81 16.79 0.00	223.21 8.68 0.00	54.23 1.91 -6.38	53.97 1.78 -7.51	52.73 1.90 -1.83	43.29 1.74 0.00	37.42 1.45 -0.73
PLSNTVLE_13_KV_13.8KVDIST 80602	28.53 1.26 0.00	35.56 1.40 -0.34	28.66 1.17 0.00	29.42 1.20 0.00	28.74 1.26 0.00	30.05 1.40 0.00	32.59 1.62 -0.89	40.96 1.82 -7.93	40.22 1.99 0.00	42.07 1.97 0.00	41.66 2.07 0.00	45.25 2.36 0.00	45.60 2.41 0.00	52.37 2.78 0.00	60.04 3.12 0.00	55.70 3.01 0.00	95.10 5.31 0.00	410.48 21.47 0.00	225.48 10.95 0.00	54.32 2.36 -6.03	53.97 2.20 -7.09	53.09 2.36 -1.73	43.73 2.18 0.00	38.37 1.81 -1.32
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	28.53 1.26 0.00	35.56 1.40 -0.34	28.66 1.17 0.00	29.42 1.20 0.00	28.74 1.26 0.00	30.05 1.40 0.00	32.59 1.62 -0.89	40.96 1.82 -7.93	40.22 1.99 0.00	42.07 1.97 0.00	41.66 2.07 0.00	45.25 2.36 0.00	45.60 2.41 0.00	52.37 2.78 0.00	60.04 3.12 0.00	55.70 3.01 0.00	95.10 5.31 0.00	410.48 21.47 0.00	225.48 10.95 0.00	54.32 2.36 -6.03	53.97 2.20 -7.09	53.09 2.36 -1.73	43.73 2.18 0.00	38.37 1.81 -1.32
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	28.50 1.24 0.00	35.27 1.37 -0.08	28.62 1.13 0.00	29.38 1.17 0.00	28.70 1.22 0.00	29.99 1.34 0.00	31.86 1.56 -0.21	34.91 1.78 -1.91	40.21 1.98 0.00	42.09 1.98 0.00	41.67 2.08 0.00	45.29 2.39 0.00	45.65 2.45 0.00	52.44 2.85 0.00	60.22 3.30 0.00	55.91 3.22 0.00	95.58 5.78 0.00	413.52 24.51 0.00	227.50 12.97 0.00	55.55 2.79 -6.82	55.27 2.56 -8.03	53.66 2.71 -1.96	43.91 2.36 0.00	37.48 1.91 -0.32
POLETTI_____ 23519	28.62 1.36 0.00	35.75 1.49 -0.45	28.73 1.24 0.00	29.48 1.27 0.00	28.82 1.34 0.00	30.15 1.50 0.00	32.98 1.74 -1.16	43.52 2.00 -10.30	40.44 2.21 0.00	42.25 2.15 0.00	41.87 2.28 0.00	45.44 2.55 0.00	45.82 2.63 0.00	52.59 3.00 0.00	60.19 3.27 0.00	55.80 3.11 0.00	95.17 5.38 0.00	410.14 21.12 0.00	224.90 10.37 0.00	54.17 2.25 -5.98	53.83 2.12 -7.04	52.97 2.26 -1.72	43.72 2.17 0.00	38.83 1.87 -1.71
POMONA___ESR 323819	28.36 1.09 0.00	34.32 1.17 0.66	28.50 1.02 0.00	29.28 1.07 0.00	28.64 1.16 0.00	29.92 1.27 0.00	29.76 1.39 1.72	17.44 1.54 15.32	39.85 1.61 0.00	41.68 1.57 0.00	41.29 1.70 0.00	44.87 1.98 0.00	45.26 2.06 0.00	52.04 2.45 0.00	59.73 2.81 0.00	55.42 2.73 0.00	94.68 4.89 0.00	408.25 19.24 0.00	224.01 9.49 0.00	53.63 2.01 -5.68	53.21 1.85 -6.69	52.60 1.98 -1.63	43.37 1.82 0.00	34.22 1.52 2.54
PORT_JEFF_3 23555	28.61 1.35 0.00	36.01 1.75 -0.45	28.96 1.47 0.00	29.71 1.50 0.00	29.06 1.58 0.00	30.51 1.86 0.00	37.36 2.19 -5.08	43.80 2.19 -10.40	40.30 2.06 0.00	41.91 1.81 0.00	41.54 1.95 0.00	45.16 2.26 0.00	45.37 2.17 0.00	52.28 2.69 0.00	53.11 2.20 6.02	54.72 2.09 0.06	71.52 3.96 22.23	322.83 13.83 80.02	220.34 6.56 0.75	50.22 1.59 -2.69	53.28 1.58 -7.03	52.37 1.66 -1.72	43.41 1.85 0.00	38.44 1.47 -1.73
PORT_JEFF_4 23616	28.61 1.35 0.00	36.01 1.75 -0.45	28.96 1.47 0.00	29.71 1.50 0.00	29.06 1.58 0.00	30.51 1.86 0.00	37.36 2.19 -5.08	43.80 2.19 -10.40	40.30 2.06 0.00	41.91 1.81 0.00	41.54 1.95 0.00	45.16 2.26 0.00	45.37 2.17 0.00	52.28 2.69 0.00	53.11 2.20 6.02	54.72 2.09 0.06	71.52 3.96 22.23	322.83 13.83 80.02	220.34 6.56 0.75	50.22 1.59 -2.69	53.28 1.58 -7.03	52.37 1.66 -1.72	43.41 1.85 0.00	38.44 1.47 -1.73

PORT_JEFF_IC 23713	28.64 1.38 0.00	36.05 1.79 -0.45	28.99 1.50 0.00	29.74 1.53 0.00	29.08 1.60 0.00	30.55 1.90 0.00	37.40 2.23 -5.08	43.85 2.23 -10.40	40.36 2.12 0.00	41.99 1.89 0.00	41.64 2.05 0.00	45.30 2.41 0.00	45.58 2.38 0.00	52.54 2.95 0.00	53.08 2.27 6.11	54.79 2.15 0.06	71.71 4.08 22.17	323.55 14.43 79.90	220.65 6.90 0.78	50.30 1.66 -2.70	53.33 1.63 -7.03	52.49 1.78 -1.72	43.57 2.01 0.00	38.55 1.58 -1.73
PPL PILGRIM_ST_GT1 24216	28.89 1.63 0.00	36.36 2.10 -0.45	29.23 1.74 0.00	29.99 1.78 0.00	29.33 1.85 0.00	30.76 2.11 0.00	37.61 2.45 -5.08	44.11 2.49 -10.40	40.66 2.43 0.00	42.25 2.15 0.00	41.85 2.26 0.00	45.55 2.66 0.00	45.81 2.62 0.00	52.72 3.13 0.00	52.80 2.46 6.57	55.05 2.42 0.07	72.42 4.56 21.93	326.56 17.11 79.56	222.47 8.84 0.90	50.64 1.96 -2.73	53.90 2.19 -7.03	53.05 2.34 -1.72	44.14 2.58 -0.01	38.97 2.00 -1.73
PPL PILGRIM_ST_GT2 24217	28.89 1.63 0.00	36.36 2.10 -0.45	29.23 1.74 0.00	29.99 1.78 0.00	29.33 1.85 0.00	30.76 2.11 0.00	37.61 2.45 -5.08	44.11 2.49 -10.40	40.66 2.43 0.00	42.25 2.15 0.00	41.85 2.26 0.00	45.55 2.66 0.00	45.81 2.62 0.00	52.72 3.13 0.00	52.80 2.46 6.57	55.05 2.42 0.07	72.42 4.56 21.93	326.56 17.11 79.56	222.47 8.84 0.90	50.64 1.96 -2.73	53.90 2.19 -7.03	53.05 2.34 -1.72	44.14 2.58 -0.01	38.97 2.00 -1.73
PPL_SHRM_GT3 24213	28.23 0.97 0.00	35.60 1.33 -0.45	28.59 1.10 0.00	29.33 1.12 0.00	28.68 1.20 0.00	30.21 1.56 0.00	37.06 1.90 -5.08	43.45 1.84 -10.40	39.93 1.70 0.00	41.57 1.47 0.00	41.21 1.61 0.00	44.86 1.96 0.00	45.21 2.02 0.00	52.22 2.63 0.00	53.18 2.32 6.06	54.90 2.26 0.06	71.85 4.26 22.20	323.96 14.91 79.97	220.76 7.00 0.76	50.28 1.65 -2.69	53.38 1.67 -7.03	52.35 1.64 -1.72	43.27 1.71 0.00	38.22 1.25 -1.73
PPL_SHRM_GT4 24214	28.23 0.97 0.00	35.60 1.33 -0.45	28.59 1.10 0.00	29.33 1.12 0.00	28.68 1.20 0.00	30.21 1.56 0.00	37.06 1.90 -5.08	43.45 1.84 -10.40	39.93 1.70 0.00	41.57 1.47 0.00	41.21 1.61 0.00	44.86 1.96 0.00	45.21 2.02 0.00	52.22 2.63 0.00	53.18 2.32 6.06	54.90 2.26 0.06	71.85 4.26 22.20	323.96 14.91 79.97	220.76 7.00 0.76	50.28 1.65 -2.69	53.38 1.67 -7.03	52.35 1.64 -1.72	43.27 1.71 0.00	38.22 1.25 -1.73
PROJECT___ORANGE 1 24174	27.33 0.06 0.00	33.88 0.07 0.00	27.50 0.01 0.00	28.22 0.01 0.00	27.51 0.02 0.00	28.62 -0.03 0.00	30.01 -0.08 0.00	31.03 -0.19 0.00	38.44 -0.05 -0.26	40.56 0.06 -0.39	39.89 0.26 -0.05	43.74 0.53 -0.31	44.22 0.67 -0.35	51.53 0.93 -1.01	59.78 1.10 -1.76	55.16 1.12 -1.34	94.20 2.05 -2.35	401.22 7.96 -4.24	222.47 3.80 -4.15	47.39 0.84 -0.60	45.92 0.76 -0.48	50.91 0.79 -1.12	42.41 0.66 -0.20	35.77 0.52 0.00
PROJECT___ORANGE 2 24166	27.33 0.06 0.00	33.88 0.07 0.00	27.50 0.01 0.00	28.22 0.01 0.00	27.51 0.02 0.00	28.62 -0.03 0.00	30.01 -0.08 0.00	31.03 -0.19 0.00	38.44 -0.05 -0.26	40.56 0.06 -0.39	39.89 0.26 -0.05	43.74 0.53 -0.31	44.22 0.67 -0.35	51.53 0.93 -1.01	59.78 1.10 -1.76	55.16 1.12 -1.34	94.20 2.05 -2.35	401.22 7.96 -4.24	222.47 3.80 -4.15	47.39 0.84 -0.60	45.92 0.76 -0.48	50.91 0.79 -1.12	42.41 0.66 -0.20	35.77 0.52 0.00
PUCKETT___SOLAR 323809	27.89 0.63 0.00	34.50 0.69 0.00	28.11 0.62 0.00	28.91 0.70 0.00	28.18 0.70 0.00	29.40 0.75 0.00	30.91 0.82 0.00	32.03 0.81 0.00	39.59 1.18 -0.17	41.65 1.29 -0.26	40.93 1.31 -0.03	44.77 1.67 -0.21	45.10 1.67 -0.23	52.15 1.90 -0.67	60.34 2.26 -1.16	55.51 1.94 -0.88	95.27 3.91 -1.57	408.74 16.94 -2.79	226.51 9.26 -2.73	51.61 2.05 -3.62	50.65 1.88 -4.10	52.73 2.06 -1.67	43.43 1.74 -0.14	36.62 1.38 0.00
PYRITES___HYD 24023	27.40 0.13 0.00	33.93 0.12 0.00	27.52 0.03 0.00	28.18 -0.03 0.00	27.36 -0.13 0.00	28.66 0.01 0.00	30.01 -0.08 0.00	31.28 0.07 0.00	38.34 0.03 -0.08	40.15 -0.07 -0.11	39.01 -0.59 -0.01	41.97 -1.01 -0.09	42.10 -1.20 -0.10	48.60 -1.28 -0.30	56.01 -1.42 -0.51	51.83 -1.26 -0.39	88.07 -2.42 -0.69	382.80 -7.44 -1.23	214.56 -1.17 -1.21	49.54 -0.83 -4.43	44.23 -0.59 -0.14	49.17 -0.15 -0.33	41.11 -0.50 -0.06	34.78 -0.46 0.00
QUAKERRD_115KV_BK1 80622	27.47 0.21 0.00	33.85 0.04 0.00	27.35 -0.14 0.00	28.00 -0.22 0.00	27.28 -0.20 0.00	28.23 -0.42 0.00	29.45 -0.64 0.00	30.35 -0.87 0.00	37.67 -0.56 0.00	39.85 -0.26 0.00	39.83 0.24 0.00	43.56 0.67 0.00	44.23 1.03 0.00	51.15 1.56 0.00	58.71 1.79 0.00	54.56 1.86 0.00	93.02 3.22 0.00	400.95 11.94 0.00	220.99 6.46 0.00	47.30 1.37 0.00	45.69 1.01 0.00	49.99 1.00 0.00	42.56 1.00 0.00	36.13 0.89 0.00
QUENSBRY_115KV_TB8 356137	29.09 1.83 0.00	36.17 2.29 -0.07	29.32 1.82 0.00	30.06 1.85 0.00	29.36 1.88 0.00	30.59 1.94 0.00	32.71 2.44 -0.18	35.33 2.50 -1.62	40.87 2.64 0.00	42.79 2.68 0.00	41.98 2.39 0.00	45.99 3.10 0.00	46.34 3.14 0.00	52.92 3.33 0.00	60.95 4.03 0.00	56.68 3.98 0.00	97.26 7.46 0.00	425.65 36.64 0.00	235.86 21.34 0.00	116.69 4.81 -65.94	126.98 4.67 -77.63	73.05 5.10 -18.96	45.59 4.03 0.00	38.77 3.26 -0.27
RAMAPO___LBMP 323565	28.28 1.01 0.00	34.24 1.06 0.64	28.40 0.92 0.00	29.19 0.97 0.00	28.54 1.05 0.00	29.82 1.17 0.00	29.73 1.30 1.65	17.95 1.45 14.72	39.74 1.50 0.00	41.56 1.45 0.00	41.15 1.56 0.00	44.70 1.81 0.00	45.07 1.87 0.00	51.80 2.21 0.00	59.46 2.54 0.00	55.16 2.47 0.00	94.22 4.43 0.00	406.28 17.26 0.00	222.99 8.46 0.00	53.41 1.82 -5.65	53.00 1.67 -6.65	52.43 1.81 -1.62	43.23 1.68 0.00	34.20 1.40 2.44
RANKINE____ 23646	28.56 1.30 0.00	34.98 1.16 0.00	28.16 0.67 0.00	28.81 0.60 0.00	28.03 0.54 0.00	28.81 0.16 0.00	29.84 -0.24 0.00	30.64 -0.57 0.00	38.53 0.29 0.00	40.89 0.79 0.00	41.09 1.49 0.00	45.11 2.22 0.00	45.77 2.57 0.00	52.97 3.38 0.00	60.75 3.83 0.00	56.46 3.76 0.00	96.62 6.83 0.00	414.69 25.67 0.00	227.56 13.04 0.00	48.84 2.90 0.00	47.05 2.38 0.00	51.62 2.63 0.00	44.29 2.73 0.00	37.83 2.58 0.00
RAVENSWOOD_GT2_1 24244	28.68 1.41 0.00	35.81 1.56 -0.45	28.78 1.29 0.00	29.53 1.32 0.00	28.87 1.38 0.00	30.20 1.55 0.00	33.04 1.80 -1.16	43.56 2.04 -10.30	40.50 2.27 0.00	42.31 2.21 0.00	41.93 2.33 0.00	45.51 2.62 0.00	45.88 2.68 0.00	52.64 3.06 0.00	60.26 3.34 0.00	55.83 3.13 0.00	95.22 5.43 0.00	410.32 21.31 0.00	225.20 10.67 0.00	54.27 2.35 -5.98	53.95 2.24 -7.04	53.12 2.41 -1.72	43.86 2.31 0.00	38.93 1.97 -1.71
RAVENSWOOD_GT2_2 24245	28.68 1.41 0.00	35.81 1.56 -0.45	28.78 1.29 0.00	29.53 1.32 0.00	28.87 1.38 0.00	30.20 1.55 0.00	33.04 1.80 -1.16	43.56 2.04 -10.30	40.50 2.27 0.00	42.31 2.21 0.00	41.93 2.33 0.00	45.51 2.62 0.00	45.88 2.68 0.00	52.64 3.06 0.00	60.26 3.34 0.00	55.83 3.13 0.00	95.22 5.43 0.00	410.32 21.31 0.00	225.20 10.67 0.00	54.27 2.35 -5.98	53.95 2.24 -7.04	53.12 2.41 -1.72	43.86 2.31 0.00	38.93 1.97 -1.71



RAVENSWOOD_GT2_3 24246	28.70 1.43 0.00	35.83 1.57 -0.45	28.79 1.30 0.00	29.55 1.33 0.00	28.88 1.40 0.00	30.21 1.56 0.00	33.05 1.81 -1.16	43.58 2.06 -10.30	40.52 2.29 0.00	42.34 2.24 0.00	41.96 2.36 0.00	45.54 2.65 0.00	45.91 2.72 0.00	52.69 3.10 0.00	60.30 3.38 0.00	55.88 3.19 0.00	95.29 5.50 0.00	410.67 21.66 0.00	225.33 10.80 0.00	54.30 2.38 -5.98	53.99 2.28 -7.04	53.16 2.45 -1.72	43.89 2.34 0.00	38.95 2.00 -1.71
RAVENSWOOD_GT2_4 24247	28.70 1.43 0.00	35.83 1.57 -0.45	28.79 1.30 0.00	29.55 1.33 0.00	28.88 1.40 0.00	30.21 1.56 0.00	33.05 1.81 -1.16	43.58 2.06 -10.30	40.52 2.29 0.00	42.34 2.24 0.00	41.96 2.36 0.00	45.54 2.65 0.00	45.91 2.72 0.00	52.69 3.10 0.00	60.30 3.38 0.00	55.88 3.19 0.00	95.29 5.50 0.00	410.67 21.66 0.00	225.33 10.80 0.00	54.30 2.38 -5.98	53.99 2.28 -7.04	53.16 2.45 -1.72	43.89 2.34 0.00	38.95 2.00 -1.71
RAVENSWOOD_GT3_1 24248	28.68 1.41 0.00	35.81 1.56 -0.45	28.78 1.29 0.00	29.53 1.32 0.00	28.87 1.38 0.00	30.20 1.55 0.00	33.04 1.80 -1.16	43.56 2.04 -10.30	40.50 2.27 0.00	42.31 2.21 0.00	41.93 2.33 0.00	45.51 2.62 0.00	45.88 2.69 0.00	52.64 3.06 0.00	60.26 3.34 0.00	55.83 3.13 0.00	95.23 5.43 0.00	410.32 21.31 0.00	225.20 10.67 0.00	54.27 2.35 -5.98	53.95 2.24 -7.04	53.12 2.41 -1.72	43.87 2.31 0.00	38.93 1.97 -1.71
RAVENSWOOD_GT3_2 24249	28.68 1.41 0.00	35.81 1.56 -0.45	28.78 1.29 0.00	29.53 1.32 0.00	28.87 1.38 0.00	30.20 1.55 0.00	33.04 1.80 -1.16	43.56 2.04 -10.30	40.50 2.27 0.00	42.31 2.21 0.00	41.93 2.33 0.00	45.51 2.62 0.00	45.88 2.69 0.00	52.64 3.06 0.00	60.26 3.34 0.00	55.83 3.13 0.00	95.23 5.43 0.00	410.32 21.31 0.00	225.20 10.67 0.00	54.27 2.35 -5.98	53.95 2.24 -7.04	53.12 2.41 -1.72	43.87 2.31 0.00	38.93 1.97 -1.71
RAVENSWOOD_GT3_3 24250	28.73 1.47 0.00	35.88 1.62 -0.45	28.83 1.34 0.00	29.59 1.38 0.00	28.92 1.44 0.00	30.26 1.61 0.00	33.10 1.86 -1.16	43.63 2.11 -10.30	40.59 2.36 0.00	42.42 2.31 0.00	42.03 2.44 0.00	45.62 2.73 0.00	46.00 2.80 0.00	52.79 3.20 0.00	60.42 3.50 0.00	55.99 3.29 0.00	95.49 5.69 0.00	411.45 22.44 0.00	225.76 11.23 0.00	54.39 2.47 -5.98	54.06 2.35 -7.04	53.23 2.52 -1.72	43.96 2.41 0.00	39.01 2.06 -1.71
RAVENSWOOD_GT3_4 24251	28.73 1.47 0.00	35.88 1.62 -0.45	28.83 1.34 0.00	29.59 1.38 0.00	28.92 1.44 0.00	30.26 1.61 0.00	33.10 1.86 -1.16	43.63 2.11 -10.30	40.59 2.36 0.00	42.42 2.31 0.00	42.03 2.44 0.00	45.62 2.73 0.00	46.00 2.80 0.00	52.79 3.20 0.00	60.42 3.50 0.00	55.99 3.29 0.00	95.49 5.69 0.00	411.45 22.44 0.00	225.76 11.23 0.00	54.39 2.47 -5.98	54.06 2.35 -7.04	53.23 2.52 -1.72	43.96 2.41 0.00	39.01 2.06 -1.71
RAVENSWOOD_GT_1 23729	28.98 1.53 -0.19	35.95 1.69 -0.45	28.88 1.39 0.00	29.63 1.42 0.00	28.97 1.48 0.00	30.32 1.67 0.00	33.19 1.95 -1.16	43.72 2.20 -10.31	40.70 2.46 0.00	42.51 2.40 0.00	42.13 2.54 0.00	45.71 2.82 0.00	46.10 2.90 0.00	52.84 3.26 0.00	60.43 3.51 0.00	55.99 3.29 0.00	95.47 5.67 0.00	411.16 22.15 0.00	225.52 11.00 0.00	54.46 2.40 -6.11	53.97 2.25 -7.04	53.17 2.46 -1.72	43.99 2.44 0.00	39.03 2.07 -1.72
RAVENSWOOD_GT_10 24258	28.70 1.41 -0.02	35.81 1.55 -0.45	28.78 1.29 0.00	29.53 1.32 0.00	28.86 1.38 0.00	30.20 1.55 0.00	33.03 1.79 -1.16	43.56 2.04 -10.30	40.49 2.26 0.00	42.31 2.21 0.00	41.92 2.33 0.00	45.51 2.61 0.00	45.88 2.68 0.00	52.64 3.06 0.00	60.26 3.34 0.00	55.84 3.14 0.00	95.23 5.43 0.00	410.36 21.34 0.00	225.24 10.72 0.00	54.29 2.35 -5.99	53.96 2.25 -7.04	53.12 2.41 -1.72	43.86 2.31 0.00	38.93 1.97 -1.71
RAVENSWOOD_GT_11 24259	28.70 1.41 -0.02	35.81 1.55 -0.45	28.78 1.29 0.00	29.53 1.32 0.00	28.86 1.38 0.00	30.20 1.55 0.00	33.03 1.79 -1.16	43.56 2.04 -10.30	40.49 2.26 0.00	42.31 2.21 0.00	41.92 2.33 0.00	45.51 2.61 0.00	45.88 2.68 0.00	52.64 3.06 0.00	60.26 3.34 0.00	55.84 3.14 0.00	95.23 5.43 0.00	410.36 21.34 0.00	225.24 10.72 0.00	54.29 2.35 -5.99	53.96 2.25 -7.04	53.12 2.41 -1.72	43.86 2.31 0.00	38.93 1.97 -1.71
RAVENSWOOD_GT_4 24252	28.81 1.40 -0.14	35.80 1.54 -0.45	28.78 1.29 0.00	29.52 1.31 0.00	28.86 1.37 0.00	30.18 1.53 0.00	33.01 1.77 -1.15	43.54 2.03 -10.29	40.47 2.24 0.00	42.29 2.19 0.00	41.90 2.32 0.00	45.49 2.60 0.00	45.86 2.66 0.00	52.64 3.06 0.00	60.26 3.34 0.00	55.86 3.16 0.00	95.25 5.46 0.00	410.54 21.53 0.00	225.29 10.76 0.00	54.40 2.38 -6.08	53.99 2.28 -7.04	53.14 2.43 -1.72	43.86 2.31 0.00	38.93 1.97 -1.72
RAVENSWOOD_GT_5 24254	28.81 1.40 -0.14	35.80 1.54 -0.45	28.78 1.29 0.00	29.52 1.31 0.00	28.86 1.37 0.00	30.18 1.53 0.00	33.01 1.77 -1.15	43.54 2.03 -10.29	40.47 2.24 0.00	42.29 2.19 0.00	41.90 2.32 0.00	45.49 2.60 0.00	45.86 2.66 0.00	52.64 3.06 0.00	60.26 3.34 0.00	55.86 3.16 0.00	95.25 5.46 0.00	410.54 21.53 0.00	225.29 10.76 0.00	54.40 2.38 -6.08	53.99 2.28 -7.04	53.14 2.43 -1.72	43.86 2.31 0.00	38.93 1.97 -1.72
RAVENSWOOD_GT_6 24253	28.81 1.40 -0.14	35.80 1.54 -0.45	28.78 1.29 0.00	29.52 1.31 0.00	28.86 1.37 0.00	30.18 1.53 0.00	33.01 1.77 -1.15	43.54 2.03 -10.29	40.47 2.24 0.00	42.29 2.19 0.00	41.90 2.32 0.00	45.49 2.60 0.00	45.86 2.66 0.00	52.64 3.06 0.00	60.26 3.34 0.00	55.86 3.16 0.00	95.25 5.46 0.00	410.54 21.53 0.00	225.29 10.76 0.00	54.40 2.38 -6.08	53.99 2.28 -7.04	53.14 2.43 -1.72	43.86 2.31 0.00	38.93 1.97 -1.72
RAVENSWOOD_GT_7 24255	28.81 1.40 -0.14	35.80 1.54 -0.45	28.78 1.29 0.00	29.52 1.31 0.00	28.86 1.37 0.00	30.18 1.53 0.00	33.01 1.77 -1.15	43.54 2.03 -10.29	40.47 2.24 0.00	42.29 2.19 0.00	41.90 2.32 0.00	45.49 2.60 0.00	45.86 2.66 0.00	52.64 3.06 0.00	60.26 3.34 0.00	55.86 3.16 0.00	95.25 5.46 0.00	410.54 21.53 0.00	225.29 10.76 0.00	54.40 2.38 -6.08	53.99 2.28 -7.04	53.14 2.43 -1.72	43.86 2.31 0.00	38.93 1.97 -1.72
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	28.70 1.41 -0.02	35.81 1.55 -0.45	28.78 1.29 0.00	29.53 1.32 0.00	28.86 1.38 0.00	30.20 1.55 0.00	33.03 1.79 -1.16	43.56 2.04 -10.30	40.49 2.26 0.00	42.31 2.21 0.00	41.92 2.33 0.00	45.51 2.61 0.00	45.88 2.68 0.00	52.64 3.06 0.00	60.26 3.34 0.00	55.84 3.14 0.00	95.23 5.43 0.00	410.36 21.34 0.00	225.24 10.72 0.00	54.29 2.35 -5.99	53.96 2.25 -7.04	53.12 2.41 -1.72	43.86 2.31 0.00	38.93 1.97 -1.71
RAVENSWOOD_GT_9 24257	28.70 1.41 -0.02	35.81 1.55 -0.45	28.78 1.29 0.00	29.53 1.32 0.00	28.86 1.38 0.00	30.20 1.55 0.00	33.03 1.79 -1.16	43.56 2.04 -10.30	40.49 2.26 0.00	42.31 2.21 0.00	41.92 2.33 0.00	45.51 2.61 0.00	45.88 2.68 0.00	52.64 3.06 0.00	60.26 3.34 0.00	55.84 3.14 0.00	95.23 5.43 0.00	410.36 21.34 0.00	225.24 10.72 0.00	54.29 2.35 -5.99	53.96 2.25 -7.04	53.12 2.41 -1.72	43.86 2.31 0.00	38.93 1.97 -1.71

RAVENSWOOD___1 23533	28.55 1.47 0.18	35.88 1.62 -0.45	28.83 1.34 0.00	29.59 1.38 0.00	28.92 1.44 0.00	30.27 1.62 0.00	33.13 1.89 -1.16	43.66 2.14 -10.31	40.63 2.39 0.00	42.44 2.34 0.00	42.07 2.47 0.00	45.64 2.75 0.00	46.02 2.83 0.00	52.75 3.17 0.00	60.31 3.39 0.00	55.87 3.18 0.00	95.27 5.48 0.00	410.42 21.40 0.00	225.11 10.58 0.00	54.10 2.32 -5.84	53.88 2.17 -7.04	53.09 2.38 -1.72	43.93 2.38 0.00	38.95 2.01 -1.70
RAVENSWOOD___2 23534	28.70 1.44 0.00	35.83 1.57 -0.45	28.79 1.30 0.00	29.54 1.33 0.00	28.88 1.40 0.00	30.23 1.58 0.00	33.09 1.85 -1.16	43.62 2.10 -10.31	40.58 2.34 0.00	42.38 2.27 0.00	42.00 2.41 0.00	45.57 2.68 0.00	45.95 2.75 0.00	52.56 2.97 0.00	59.87 2.95 0.00	55.44 2.75 0.00	94.53 4.74 0.00	407.17 18.16 0.00	223.38 8.85 0.00	53.88 1.96 -5.98	53.52 1.81 -7.04	52.76 2.05 -1.72	43.82 2.27 0.00	38.91 1.95 -1.71
RAVENSWOOD___3 23535	28.68 1.41 0.00	35.81 1.56 -0.45	28.78 1.29 0.00	29.54 1.32 0.00	28.87 1.38 0.00	30.20 1.55 0.00	33.04 1.80 -1.16	43.56 2.04 -10.30	40.50 2.27 0.00	42.31 2.21 0.00	41.93 2.33 0.00	45.52 2.63 0.00	45.89 2.69 0.00	52.65 3.06 0.00	60.26 3.34 0.00	55.84 3.14 0.00	95.23 5.43 0.00	410.34 21.33 0.00	225.18 10.65 0.00	54.27 2.35 -5.98	53.95 2.24 -7.04	53.12 2.41 -1.72	43.86 2.31 0.00	38.93 1.97 -1.71
RAVENSWOOD___4 23820	28.55 1.47 0.18	35.88 1.62 -0.45	28.83 1.34 0.00	29.59 1.38 0.00	28.92 1.44 0.00	30.27 1.62 0.00	33.13 1.89 -1.16	43.66 2.14 -10.31	40.63 2.39 0.00	42.44 2.34 0.00	42.07 2.47 0.00	45.64 2.75 0.00	46.02 2.83 0.00	52.75 3.17 0.00	60.31 3.39 0.00	55.87 3.18 0.00	95.27 5.48 0.00	410.42 21.40 0.00	225.11 10.58 0.00	54.10 2.32 -5.84	53.88 2.17 -7.04	53.09 2.38 -1.72	43.93 2.38 0.00	38.95 2.01 -1.70
RCPL_TRUST___DRP 24196	28.67 1.40 0.00	35.80 1.54 -0.45	28.77 1.28 0.00	29.52 1.31 0.00	28.86 1.37 0.00	30.19 1.54 0.00	33.03 1.79 -1.16	43.58 2.05 -10.31	40.52 2.29 0.00	42.35 2.24 0.00	41.96 2.37 0.00	45.56 2.67 0.00	45.93 2.74 0.00	52.69 3.10 0.00	60.34 3.42 0.00	55.94 3.24 0.00	95.40 5.61 0.00	411.16 22.15 0.00	225.51 10.98 0.00	54.28 2.37 -5.98	53.94 2.23 -7.04	53.09 2.38 -1.72	43.81 2.26 0.00	38.89 1.94 -1.71
RED___ROCHESTER 323720	28.42 1.16 0.00	34.96 1.14 0.00	28.19 0.70 0.00	28.85 0.64 0.00	28.10 0.61 0.00	29.05 0.40 0.00	30.26 0.17 0.00	31.17 -0.05 0.00	38.78 0.55 0.00	41.06 0.95 0.00	41.15 1.56 0.00	45.10 2.21 0.00	45.91 2.71 0.00	53.16 3.58 0.00	61.03 4.11 0.00	56.68 3.99 0.00	96.72 6.93 0.00	416.44 27.43 0.00	229.79 15.26 0.00	49.15 3.21 0.00	47.40 2.72 0.00	51.86 2.87 0.00	44.17 2.62 0.00	37.50 2.25 0.00
REGAN___SOLAR 323812	30.02 2.75 0.00	37.15 3.33 0.00	30.10 2.61 0.00	30.99 2.78 0.00	30.16 2.67 0.00	31.54 2.89 0.00	33.13 3.04 0.00	34.03 2.82 0.00	40.76 2.52 0.00	40.71 0.60 0.00	40.96 1.37 0.00	43.48 0.58 0.00	43.27 0.08 0.00	51.38 1.79 0.00	58.10 1.19 0.00	55.26 2.56 0.00	95.77 5.98 0.00	416.19 27.18 0.00	243.99 29.46 0.00	114.42 6.74 -61.75	124.04 6.67 -72.70	73.89 7.14 -17.76	47.18 5.63 0.00	39.73 4.48 0.00
RENSSELAER___COGEN 23796	27.58 0.32 0.00	34.27 0.38 -0.07	27.90 0.41 0.00	28.64 0.43 0.00	27.95 0.47 0.00	29.11 0.46 0.00	30.86 0.58 -0.19	33.48 0.55 -1.71	38.69 0.45 0.00	40.56 0.45 0.00	40.03 0.44 0.00	43.55 0.66 0.00	43.84 0.64 0.00	50.19 0.60 0.00	57.57 0.65 0.00	53.29 0.60 0.00	91.00 1.20 0.00	395.52 6.50 0.00	218.49 3.97 0.00	83.09 1.03 -36.12	88.20 1.00 -42.52	60.42 1.05 -10.39	42.39 0.84 0.00	36.26 0.73 -0.28
REPUBLIC_115KV_BARTNBRK 55605	31.00 3.73 0.00	38.67 4.79 -0.07	31.17 3.68 0.00	31.82 3.61 0.00	31.13 3.65 0.00	32.39 3.74 0.00	34.93 4.66 -0.18	37.70 4.87 -1.62	43.26 5.03 0.00	45.06 4.96 0.00	44.20 4.61 0.00	48.86 5.97 0.00	49.18 5.98 0.00	56.03 6.44 0.00	64.61 7.69 0.00	60.28 7.58 0.00	104.28 14.48 0.00	457.39 68.38 0.00	250.92 36.39 0.00	119.57 8.03 -65.60	129.55 7.64 -77.23	76.48 8.62 -18.86	48.44 6.88 0.00	41.25 5.73 -0.27
REVERE_CPPR_DRP 24186	28.44 1.18 0.00	35.17 1.36 0.00	28.55 1.07 0.00	29.29 1.08 0.00	28.56 1.07 0.00	29.81 1.16 0.00	31.34 1.26 0.00	32.46 1.25 0.00	39.94 1.58 -0.13	41.97 1.67 -0.20	41.34 1.73 -0.02	45.16 2.10 -0.16	45.64 2.27 -0.18	52.82 2.72 -0.51	61.39 3.59 -0.89	56.38 3.01 -0.67	96.85 5.86 -1.19	419.19 28.05 -2.13	231.80 15.18 -2.09	49.45 3.20 -0.30	47.96 3.04 -0.25	52.87 3.30 -0.57	44.18 2.52 -0.10	37.14 1.89 0.00
REYNOLDS_115KV_TB3 80639	27.79 0.53 0.00	34.56 0.67 -0.08	28.16 0.67 0.00	28.89 0.68 0.00	28.21 0.72 0.00	29.36 0.71 0.00	31.14 0.86 -0.20	33.84 0.84 -1.78	39.01 0.77 0.00	40.90 0.80 0.00	40.36 0.76 0.00	43.93 1.03 0.00	44.22 1.02 0.00	50.60 1.01 0.00	58.03 1.12 0.00	53.69 0.99 0.00	91.62 1.82 0.00	398.80 9.79 0.00	220.23 5.71 0.00	87.34 1.42 -39.98	93.13 1.38 -47.07	61.96 1.47 -11.50	42.75 1.20 0.00	36.55 1.01 -0.29
RIVERBAY____ 323610	29.05 1.79 0.00	36.29 2.03 -0.45	29.14 1.65 0.00	29.92 1.71 0.00	29.27 1.78 0.00	30.63 1.98 0.00	33.51 2.26 -1.16	43.93 2.40 -10.31	40.91 2.68 0.00	42.74 2.63 0.00	42.34 2.74 0.00	46.02 3.12 0.00	46.47 3.27 0.00	53.36 3.78 0.00	61.20 4.28 0.00	56.72 4.02 0.00	96.67 6.88 0.00	415.90 26.88 -0.01	228.22 13.69 0.00	54.87 2.95 -5.98	54.49 2.77 -7.04	53.78 3.06 -1.73	44.46 2.91 0.00	39.27 2.32 -1.71
RIVERSIDE_115KV_TB3 55908	27.69 0.42 0.00	34.41 0.52 -0.07	28.02 0.53 0.00	28.76 0.55 0.00	28.07 0.59 0.00	29.24 0.59 0.00	31.01 0.73 -0.19	33.64 0.72 -1.71	38.90 0.66 0.00	40.79 0.69 0.00	40.27 0.67 0.00	43.83 0.94 0.00	44.14 0.94 0.00	50.54 0.95 0.00	57.98 1.06 0.00	53.67 0.98 0.00	91.65 1.85 0.00	398.45 9.43 0.00	220.02 5.49 0.00	88.37 1.34 -41.09	94.33 1.29 -48.37	62.16 1.35 -11.81	42.64 1.09 0.00	36.43 0.90 -0.28
ROARING___BROOK_WT_PWR 323790	27.02 -0.25 0.00	33.49 -0.32 0.00	27.21 -0.28 0.00	27.89 -0.32 0.00	27.11 -0.38 0.00	28.25 -0.41 0.00	29.62 -0.47 0.00	30.84 -0.37 0.00	37.95 -0.28 0.00	39.91 -0.20 0.00	39.16 -0.43 0.00	42.30 -0.60 0.00	42.53 -0.67 0.00	48.70 -0.89 0.00	55.90 -1.01 0.00	51.63 -1.07 0.00	87.62 -2.17 0.00	378.13 -10.88 0.00	210.14 -4.39 0.00	44.79 -1.15 0.00	43.82 -0.86 0.00	47.91 -1.09 0.00	40.36 -1.19 0.00	33.92 -1.32 0.00
ROCHESRG_115KV_T4 355643	28.02 0.76 0.00	34.49 0.68 0.00	27.84 0.35 0.00	28.50 0.29 0.00	27.76 0.28 0.00	28.70 0.04 0.00	29.87 -0.21 0.00	30.75 -0.46 0.00	38.24 0.01 0.00	40.46 0.35 0.00	40.50 0.91 0.00	44.34 1.45 0.00	45.03 1.84 0.00	52.09 2.50 0.00	59.80 2.88 0.00	55.54 2.84 0.00	94.82 5.03 0.00	408.26 19.24 0.00	225.03 10.50 0.00	48.16 2.22 0.00	46.51 1.83 0.00	50.90 1.91 0.00	43.42 1.87 0.00	36.92 1.67 0.00

ROCHESTER_9_IC 23652	28.23 0.97 0.00	34.74 0.93 0.00	28.03 0.54 0.00	28.69 0.47 0.00	27.95 0.47 0.00	28.89 0.24 0.00	30.08 -0.01 0.00	30.98 -0.24 0.00	38.54 0.30 0.00	40.78 0.68 0.00	40.86 1.26 0.00	44.75 1.86 0.00	45.50 2.30 0.00	52.67 3.08 0.00	60.46 3.54 0.00	56.14 3.44 0.00	95.84 6.05 0.00	412.62 23.61 0.00	227.52 13.00 0.00	48.67 2.73 0.00	46.97 2.29 0.00	51.40 2.41 0.00	43.81 2.26 0.00	37.23 1.98 0.00
ROCKVIEW_13_KV_LD 356306	28.73 1.46 0.00	35.89 1.63 -0.45	28.81 1.32 0.00	29.57 1.35 0.00	28.90 1.42 0.00	30.22 1.57 0.00	33.07 1.83 -1.16	43.54 2.03 -10.29	40.49 2.26 0.00	42.31 2.21 0.00	41.92 2.33 0.00	45.55 2.65 0.00	45.92 2.72 0.00	52.73 3.14 0.00	60.41 3.49 0.00	56.04 3.34 0.00	95.72 5.93 0.00	412.60 23.58 0.00	226.44 11.91 0.00	54.48 2.57 -5.98	54.10 2.39 -7.04	53.34 2.62 -1.72	43.98 2.43 0.00	38.96 2.01 -1.71
ROME____115KV_TB2 80656	28.44 1.18 0.00	35.17 1.36 0.00	28.55 1.07 0.00	29.29 1.08 0.00	28.56 1.07 0.00	29.81 1.16 0.00	31.34 1.26 0.00	32.46 1.25 0.00	39.94 1.58 -0.13	41.97 1.67 -0.20	41.34 1.73 -0.02	45.16 2.10 -0.16	45.64 2.27 -0.18	52.82 2.72 -0.51	61.39 3.59 -0.89	56.38 3.01 -0.67	96.85 5.86 -1.19	419.19 28.05 -2.13	231.80 15.18 -2.09	49.45 3.20 -0.30	47.96 3.04 -0.25	52.87 3.30 -0.57	44.18 2.52 -0.10	37.14 1.89 0.00
ROSETON____1 23587	28.22 0.96 0.00	34.86 1.05 0.00	28.38 0.89 0.00	29.14 0.93 0.00	28.48 0.99 0.00	29.75 1.10 0.00	31.36 1.27 0.00	32.64 1.42 0.00	39.74 1.50 0.00	41.56 1.46 0.00	41.11 1.52 0.00	44.64 1.74 0.00	44.94 1.75 0.00	51.53 1.95 0.00	59.15 2.24 0.00	54.87 2.18 0.00	93.70 3.90 0.00	404.80 15.79 0.00	222.63 8.11 0.00	53.53 1.79 -5.80	53.16 1.66 -6.82	52.43 1.78 -1.67	43.21 1.66 0.00	36.65 1.40 0.00
ROSETON____2 23588	28.22 0.96 0.00	34.86 1.05 0.00	28.38 0.89 0.00	29.14 0.93 0.00	28.48 0.99 0.00	29.75 1.10 0.00	31.36 1.27 0.00	32.64 1.42 0.00	39.74 1.50 0.00	41.56 1.46 0.00	41.11 1.52 0.00	44.64 1.74 0.00	44.94 1.75 0.00	51.53 1.95 0.00	59.15 2.24 0.00	54.87 2.18 0.00	93.70 3.90 0.00	404.80 15.79 0.00	222.63 8.11 0.00	53.53 1.79 -5.80	53.16 1.66 -6.82	52.43 1.78 -1.67	43.21 1.66 0.00	36.65 1.40 0.00
ROTTDAM_115KV_TB3 80664	27.95 0.69 0.00	34.71 0.83 -0.06	28.21 0.72 0.00	28.96 0.75 0.00	28.25 0.77 0.00	29.44 0.79 0.00	31.17 0.92 -0.17	33.62 0.92 -1.48	39.18 0.95 0.00	41.02 0.92 0.00	40.51 0.91 0.00	44.05 1.16 0.00	44.40 1.20 0.00	50.96 1.37 0.00	58.51 1.59 0.00	54.08 1.39 0.00	92.29 2.50 0.00	400.49 11.47 0.00	221.38 6.86 0.00	122.30 1.64 -74.73	134.24 1.59 -87.98	72.21 1.73 -21.49	43.01 1.45 0.00	36.68 1.19 -0.25
RUSSELL____1 23602	28.42 1.16 0.00	34.96 1.14 0.00	28.19 0.70 0.00	28.85 0.64 0.00	28.10 0.61 0.00	29.05 0.40 0.00	30.26 0.17 0.00	31.17 -0.05 0.00	38.79 0.55 0.00	41.06 0.96 0.00	41.15 1.56 0.00	45.13 2.23 0.00	45.91 2.71 0.00	53.16 3.58 0.00	61.03 4.11 0.00	56.68 3.98 0.00	96.76 6.97 0.00	416.59 27.58 0.00	229.77 15.24 0.00	49.15 3.21 0.00	47.40 2.72 0.00	51.85 2.86 0.00	44.17 2.62 0.00	37.51 2.26 0.00
RUSSELL____2 23532	28.42 1.16 0.00	34.96 1.14 0.00	28.19 0.70 0.00	28.85 0.64 0.00	28.10 0.61 0.00	29.05 0.40 0.00	30.26 0.17 0.00	31.17 -0.05 0.00	38.79 0.55 0.00	41.06 0.96 0.00	41.15 1.56 0.00	45.13 2.23 0.00	45.91 2.71 0.00	53.16 3.58 0.00	61.03 4.11 0.00	56.68 3.98 0.00	96.76 6.97 0.00	416.59 27.58 0.00	229.77 15.24 0.00	49.15 3.21 0.00	47.40 2.72 0.00	51.85 2.86 0.00	44.17 2.62 0.00	37.51 2.26 0.00
RUSSELL____3 23549	28.42 1.16 0.00	34.96 1.14 0.00	28.19 0.70 0.00	28.85 0.64 0.00	28.10 0.61 0.00	29.05 0.40 0.00	30.26 0.17 0.00	31.17 -0.05 0.00	38.79 0.55 0.00	41.06 0.96 0.00	41.15 1.56 0.00	45.13 2.23 0.00	45.91 2.71 0.00	53.16 3.58 0.00	61.03 4.11 0.00	56.68 3.98 0.00	96.76 6.97 0.00	416.59 27.58 0.00	229.77 15.24 0.00	49.15 3.21 0.00	47.40 2.72 0.00	51.85 2.86 0.00	44.17 2.62 0.00	37.51 2.26 0.00
RUSSELL____4 23556	28.42 1.16 0.00	34.96 1.14 0.00	28.19 0.70 0.00	28.85 0.64 0.00	28.10 0.61 0.00	29.05 0.40 0.00	30.26 0.17 0.00	31.17 -0.05 0.00	38.79 0.55 0.00	41.06 0.96 0.00	41.15 1.56 0.00	45.13 2.23 0.00	45.91 2.71 0.00	53.16 3.58 0.00	61.03 4.11 0.00	56.68 3.98 0.00	96.76 6.97 0.00	416.59 27.58 0.00	229.77 15.24 0.00	49.15 3.21 0.00	47.40 2.72 0.00	51.85 2.86 0.00	44.17 2.62 0.00	37.51 2.26 0.00
RUSSELL____STATION 23914	28.42 1.16 0.00	34.96 1.14 0.00	28.19 0.70 0.00	28.85 0.64 0.00	28.10 0.61 0.00	29.05 0.40 0.00	30.26 0.17 0.00	31.17 -0.05 0.00	38.79 0.55 0.00	41.06 0.96 0.00	41.15 1.56 0.00	45.13 2.23 0.00	45.91 2.71 0.00	53.16 3.58 0.00	61.03 4.11 0.00	56.68 3.98 0.00	96.76 6.97 0.00	416.59 27.58 0.00	229.77 15.24 0.00	49.15 3.21 0.00	47.40 2.72 0.00	51.85 2.86 0.00	44.17 2.62 0.00	37.51 2.26 0.00
S SALMON____HYD 24043	27.33 0.07 0.00	33.75 -0.07 0.00	27.46 -0.03 0.00	28.17 -0.04 0.00	27.46 -0.03 0.00	28.62 -0.04 0.00	29.97 -0.12 0.00	30.92 -0.29 0.00	38.64 -0.21 -0.62	40.86 -0.18 -0.94	39.60 -0.11 -0.11	43.61 -0.02 -0.74	44.12 0.08 -0.83	52.16 0.18 -2.39	61.39 0.30 -4.17	56.30 0.44 -3.17	96.35 0.93 -5.63	404.83 5.79 -10.02	227.11 2.77 -9.81	47.94 0.57 -1.43	46.47 0.65 -1.15	52.41 0.75 -2.67	42.61 0.57 -0.48	35.62 0.37 0.00
S.PERRY__115KV_TB1 80734	29.26 2.00 0.00	35.88 2.07 0.00	28.91 1.42 0.00	29.60 1.39 0.00	28.83 1.34 0.00	29.83 1.18 0.00	31.09 1.01 0.00	32.08 0.87 0.00	39.67 1.43 0.00	40.77 0.66 0.00	40.60 1.01 0.00	44.24 1.35 0.00	44.84 1.64 0.00	52.22 2.63 0.00	59.72 2.80 0.00	55.22 2.52 0.00	93.89 4.10 0.00	405.68 16.67 0.00	226.85 12.32 0.00	48.77 2.83 0.00	47.33 2.66 0.00	51.97 2.98 0.00	44.19 2.63 0.00	37.50 2.25 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	28.28 1.01 0.00	34.65 0.83 0.00	27.89 0.40 0.00	28.54 0.33 0.00	27.78 0.29 0.00	28.52 -0.13 0.00	29.50 -0.59 0.00	30.22 -0.99 0.00	37.96 -0.27 0.00	40.32 0.22 0.00	40.54 0.95 0.00	44.51 1.61 0.00	45.19 2.00 0.00	52.27 2.68 0.00	59.93 3.01 0.00	55.73 3.03 0.00	95.33 5.53 0.00	409.19 20.18 0.00	224.72 10.19 0.00	48.24 2.30 0.00	46.49 1.82 0.00	50.96 1.97 0.00	43.79 2.24 0.00	37.45 2.20 0.00
SAWYER____23_KV_LOAD 55526	28.28 1.01 0.00	34.65 0.83 0.00	27.89 0.40 0.00	28.54 0.33 0.00	27.78 0.29 0.00	28.52 -0.13 0.00	29.50 -0.59 0.00	30.22 -0.99 0.00	37.96 -0.27 0.00	40.32 0.22 0.00	40.54 0.95 0.00	44.51 1.61 0.00	45.19 2.00 0.00	52.27 2.68 0.00	59.93 3.01 0.00	55.73 3.03 0.00	95.33 5.53 0.00	409.19 20.18 0.00	224.72 10.19 0.00	48.24 2.30 0.00	46.49 1.82 0.00	50.96 1.97 0.00	43.79 2.24 0.00	37.45 2.20 0.00

SELKIRK___I 23801	27.84 0.58 0.00	34.60 0.72 -0.07	28.16 0.67 0.00	28.94 0.73 0.00	28.23 0.75 0.00	29.39 0.74 0.00	31.10 0.85 -0.17	33.52 0.78 -1.52	38.98 0.75 0.00	40.81 0.70 0.00	40.13 0.54 0.00	43.58 0.69 0.00	43.80 0.61 0.00	50.17 0.57 0.00	57.52 0.60 0.00	53.24 0.54 0.00	91.14 1.35 0.00	395.97 6.96 0.00	219.36 4.84 0.00	73.81 1.37 -26.51	77.24 1.36 -31.21	58.09 1.48 -7.62	42.78 1.23 0.00	36.54 1.04 -0.25
SELKIRK___II 23799	27.68 0.41 0.00	34.38 0.49 -0.07	27.97 0.48 0.00	28.73 0.51 0.00	28.03 0.55 0.00	29.19 0.54 0.00	30.94 0.67 -0.18	33.50 0.65 -1.64	38.82 0.59 0.00	40.68 0.58 0.00	40.15 0.55 0.00	43.65 0.75 0.00	43.93 0.73 0.00	50.31 0.72 0.00	57.70 0.78 0.00	53.42 0.73 0.00	91.20 1.40 0.00	395.96 6.95 0.00	218.71 4.18 0.00	75.67 1.07 -28.66	79.47 1.05 -33.74	58.35 1.12 -8.24	42.49 0.94 0.00	36.32 0.80 -0.27
SENECA OSWGO___HYD 24041	27.11 -0.16 0.00	33.64 -0.17 0.00	27.27 -0.22 0.00	27.97 -0.24 0.00	27.27 -0.22 0.00	28.38 -0.27 0.00	29.75 -0.34 0.00	30.75 -0.47 0.00	38.64 -0.47 -0.88	40.95 -0.47 -1.31	39.48 -0.27 -0.15	43.76 -0.18 -1.04	44.25 -0.12 -1.17	52.92 -0.04 -3.37	62.87 0.09 -5.86	57.29 0.14 -4.45	98.24 0.54 -7.91	405.66 2.57 -14.08	229.24 0.92 -13.79	48.14 0.20 -2.01	46.42 0.13 -1.62	52.86 0.12 -3.75	42.36 0.13 -0.68	35.32 0.08 0.00
SENECA___115KV_TB3 355854	28.63 1.36 0.00	35.05 1.23 0.00	28.21 0.73 0.00	28.86 0.65 0.00	28.08 0.60 0.00	28.87 0.21 0.00	29.90 -0.18 0.00	30.72 -0.50 0.00	38.61 0.38 0.00	40.99 0.89 0.00	41.18 1.59 0.00	45.24 2.34 0.00	45.89 2.69 0.00	53.11 3.53 0.00	60.92 4.00 0.00	56.61 3.91 0.00	96.89 7.10 0.00	415.83 26.81 0.00	228.13 13.60 0.00	48.95 3.01 0.00	47.17 2.50 0.00	51.75 2.76 0.00	44.39 2.84 0.00	37.90 2.65 0.00
SENECA___ENERGY 23797	27.80 0.53 0.00	34.32 0.50 0.00	27.81 0.32 0.00	28.51 0.30 0.00	27.77 0.28 0.00	28.82 0.17 0.00	30.22 0.14 0.00	31.23 0.02 0.00	38.98 0.40 -0.35	41.21 0.58 -0.52	40.57 0.91 -0.06	44.68 1.37 -0.41	45.15 1.49 -0.47	53.00 2.07 -1.34	61.68 2.42 -2.33	57.07 2.60 -1.77	97.17 4.21 -3.17	409.45 14.82 -5.61	228.07 8.05 -5.49	48.96 2.22 -0.80	47.15 1.83 -0.64	52.38 1.89 -1.49	43.42 1.59 -0.27	36.49 1.25 0.00
SHOEMAKER___GT 23640	28.18 0.91 0.00	34.41 1.00 0.39	28.33 0.84 0.00	29.09 0.87 0.00	28.41 0.92 0.00	29.66 1.01 0.00	30.22 1.15 1.02	23.38 1.27 9.11	39.62 1.39 0.00	41.44 1.34 0.00	41.00 1.41 0.00	44.50 1.61 0.00	44.83 1.64 0.00	51.49 1.90 0.00	59.13 2.21 0.00	54.89 2.20 0.00	93.77 3.98 0.00	405.14 16.13 0.00	223.07 8.54 0.00	53.10 1.89 -5.27	52.66 1.78 -6.20	52.41 1.90 -1.52	43.25 1.70 0.00	35.13 1.40 1.51
SHOEMAKR_138KV_BK 111 55601	28.16 0.90 0.00	34.41 0.96 0.37	28.31 0.82 0.00	29.07 0.86 0.00	28.40 0.91 0.00	29.66 1.00 0.00	30.25 1.14 0.97	23.81 1.26 8.66	39.60 1.36 0.00	41.43 1.32 0.00	40.99 1.40 0.00	44.49 1.60 0.00	44.84 1.64 0.00	51.49 1.90 0.00	59.13 2.21 0.00	54.88 2.19 0.00	93.74 3.95 0.00	404.86 15.85 0.00	222.80 8.28 0.00	52.99 1.83 -5.22	52.53 1.72 -6.14	52.32 1.83 -1.50	43.20 1.65 0.00	35.17 1.36 1.44
SHOREHAM_IC_1 23715	28.23 0.97 0.00	35.60 1.33 -0.45	28.59 1.10 0.00	29.33 1.12 0.00	28.68 1.20 0.00	30.21 1.56 0.00	37.06 1.90 -5.08	43.45 1.84 -10.40	39.93 1.70 0.00	41.57 1.47 0.00	41.21 1.61 0.00	44.86 1.96 0.00	45.21 2.02 0.00	52.22 2.63 0.00	53.18 2.32 6.06	54.90 2.26 0.06	71.85 4.26 22.20	323.96 14.91 79.97	220.76 7.00 0.76	50.28 1.65 -2.69	53.38 1.67 -7.03	52.35 1.64 -1.72	43.27 1.71 0.00	38.22 1.25 -1.73
SHOREHAM_IC_2 23716	28.23 0.97 0.00	35.60 1.33 -0.45	28.59 1.10 0.00	29.33 1.12 0.00	28.68 1.20 0.00	30.21 1.56 0.00	37.06 1.90 -5.08	43.45 1.84 -10.40	39.93 1.70 0.00	41.57 1.47 0.00	41.21 1.61 0.00	44.86 1.96 0.00	45.21 2.02 0.00	52.22 2.63 0.00	53.18 2.32 6.06	54.90 2.26 0.06	71.85 4.26 22.20	323.96 14.91 79.97	220.76 7.00 0.76	50.28 1.65 -2.69	53.38 1.67 -7.03	52.35 1.64 -1.72	43.27 1.71 0.00	38.22 1.25 -1.73
SISSONVILLE____ 23735	26.79 -0.48 0.00	33.19 -0.62 0.00	26.94 -0.56 0.00	27.59 -0.63 0.00	26.78 -0.71 0.00	28.01 -0.64 0.00	29.30 -0.79 0.00	30.61 -0.61 0.00	37.66 -0.66 -0.08	39.54 -0.69 -0.12	38.49 -1.12 -0.01	41.48 -1.51 -0.10	41.66 -1.65 -0.11	48.07 -1.83 -0.32	55.39 -2.09 -0.56	51.16 -1.96 -0.42	86.86 -3.68 -0.75	376.62 -13.74 -1.34	208.85 -6.99 -1.31	48.79 -2.12 -4.96	43.07 -1.77 -0.15	47.97 -1.38 -0.36	40.09 -1.53 -0.07	33.92 -1.32 0.00
SITHE_IND_GS1 24169	26.66 -0.61 0.00	33.13 -0.68 0.00	26.91 -0.58 0.00	27.61 -0.60 0.00	26.90 -0.58 0.00	28.00 -0.65 0.00	29.31 -0.77 0.00	30.28 -0.93 0.00	34.64 -1.05 2.54	35.26 -1.04 3.81	38.24 -0.90 0.45	39.05 -0.83 3.02	39.05 -0.75 3.39	39.06 -0.77 9.76	39.06 -0.86 17.00	39.05 -0.73 12.91	65.75 -1.12 22.93	342.73 -5.44 40.85	171.29 -3.24 40.00	39.46 -0.65 5.83	39.29 -0.70 4.69	37.29 -0.80 10.90	38.92 -0.66 1.98	34.68 -0.57 0.00
SITHE_IND_GS2 24170	26.66 -0.61 0.00	33.13 -0.68 0.00	26.91 -0.58 0.00	27.61 -0.60 0.00	26.90 -0.58 0.00	28.00 -0.65 0.00	29.31 -0.77 0.00	30.28 -0.93 0.00	34.64 -1.05 2.54	35.26 -1.04 3.81	38.24 -0.90 0.45	39.05 -0.83 3.02	39.05 -0.75 3.39	39.06 -0.77 9.76	39.06 -0.86 17.00	39.05 -0.73 12.91	65.75 -1.12 22.93	342.73 -5.44 40.85	171.29 -3.24 40.00	39.46 -0.65 5.83	39.29 -0.70 4.69	37.29 -0.80 10.90	38.92 -0.66 1.98	34.68 -0.57 0.00
SITHE_IND_GS3 24171	26.66 -0.61 0.00	33.13 -0.68 0.00	26.91 -0.58 0.00	27.61 -0.60 0.00	26.90 -0.58 0.00	28.00 -0.65 0.00	29.31 -0.77 0.00	30.28 -0.93 0.00	34.64 -1.05 2.54	35.26 -1.04 3.81	38.24 -0.90 0.45	39.05 -0.83 3.02	39.05 -0.75 3.39	39.06 -0.77 9.76	39.06 -0.86 17.00	39.05 -0.73 12.91	65.75 -1.12 22.93	342.73 -5.44 40.85	171.29 -3.24 40.00	39.46 -0.65 5.83	39.29 -0.70 4.69	37.29 -0.80 10.90	38.92 -0.66 1.98	34.68 -0.57 0.00
SITHE_IND_GS4 24172	26.66 -0.61 0.00	33.13 -0.68 0.00	26.91 -0.58 0.00	27.61 -0.60 0.00	26.90 -0.58 0.00	28.00 -0.65 0.00	29.31 -0.77 0.00	30.28 -0.93 0.00	34.64 -1.05 2.54	35.26 -1.04 3.81	38.24 -0.90 0.45	39.05 -0.83 3.02	39.05 -0.75 3.39	39.06 -0.77 9.76	39.06 -0.86 17.00	39.05 -0.73 12.91	65.75 -1.12 22.93	342.73 -5.44 40.85	171.29 -3.24 40.00	39.46 -0.65 5.83	39.29 -0.70 4.69	37.29 -0.80 10.90	38.92 -0.66 1.98	34.68 -0.57 0.00
SITHE___BATAVIA 24024	29.10 1.84 0.00	35.63 1.81 0.00	28.67 1.18 0.00	29.31 1.10 0.00	28.54 1.06 0.00	29.41 0.76 0.00	30.53 0.44 0.00	31.40 0.18 0.00	39.29 1.05 0.00	41.58 1.48 0.00	41.88 2.28 0.00	45.77 2.88 0.00	46.72 3.53 0.00	54.31 4.72 0.00	62.16 5.24 0.00	57.61 4.91 0.00	98.51 8.71 0.00	425.05 36.04 0.00	234.03 19.51 0.00	50.32 4.38 0.00	48.50 3.82 0.00	53.05 4.06 0.00	45.33 3.77 0.00	38.56 3.32 0.00

SITHE___INDEPEND 23800	26.66 -0.61 0.00	33.13 -0.68 0.00	26.91 -0.58 0.00	27.61 -0.60 0.00	26.90 -0.58 0.00	28.00 -0.66 0.00	29.31 -0.77 0.00	30.28 -0.94 0.00	34.64 -1.06 2.54	35.26 -1.04 3.81	38.25 -0.90 0.45	39.05 -0.82 3.02	39.06 -0.75 3.39	39.06 -0.77 9.76	39.06 -0.86 17.00	39.05 -0.73 12.91	65.75 -1.12 22.93	342.73 -5.44 40.85	171.27 -3.26 40.00	39.46 -0.65 5.83	39.29 -0.70 4.69	37.29 -0.80 10.90	38.92 -0.66 1.98	34.68 -0.57 0.00
SITHE___MASSENA 23902	27.10 -0.16 0.00	33.63 -0.18 0.00	27.29 -0.20 0.00	27.97 -0.24 0.00	27.16 -0.33 0.00	28.40 -0.25 0.00	29.77 -0.32 0.00	31.09 -0.13 0.00	38.20 -0.03 0.00	40.10 -0.01 0.00	39.20 -0.39 0.00	42.19 -0.70 0.00	42.37 -0.83 0.00	48.68 -0.91 0.00	55.87 -1.05 0.00	51.66 -1.04 0.00	87.58 -2.21 0.00	380.59 -8.42 0.00	209.96 -4.57 0.00	45.36 -1.45 -0.88	43.42 -1.26 0.00	48.04 -0.95 0.00	40.60 -0.95 0.00	34.50 -0.74 0.00
SITHE___OGDNSBRG 24021	27.43 0.16 0.00	33.99 0.17 0.00	27.57 0.08 0.00	28.23 0.02 0.00	27.40 -0.08 0.00	28.69 0.05 0.00	30.06 -0.02 0.00	31.32 0.11 0.00	38.30 0.07 0.00	40.09 -0.01 0.00	39.07 -0.52 0.00	41.97 -0.93 0.00	42.11 -1.09 0.00	48.43 -1.16 0.00	55.61 -1.30 0.00	51.49 -1.21 0.00	87.42 -2.38 0.00	381.54 -7.48 0.00	213.36 -1.17 0.00	48.44 -0.76 -3.26	44.11 -0.57 0.00	48.82 -0.18 0.00	41.10 -0.45 0.00	34.86 -0.38 0.00
SITHE___STERLING 23777	28.19 0.93 0.00	34.90 1.08 0.00	28.33 0.84 0.00	29.06 0.85 0.00	28.34 0.85 0.00	29.57 0.92 0.00	31.08 1.00 0.00	32.19 0.97 0.00	39.61 1.23 -0.14	41.61 1.29 -0.21	40.99 1.38 -0.03	44.83 1.77 -0.17	45.29 1.90 -0.19	52.44 2.30 -0.55	60.80 2.92 -0.96	55.92 2.50 -0.73	95.99 4.92 -1.28	414.58 23.27 -2.30	229.34 12.55 -2.25	48.96 2.70 -0.33	47.43 2.49 -0.26	52.27 2.66 -0.62	43.73 2.06 -0.11	36.80 1.55 0.00
SLEIGHT___34_KV_TB1 80719	27.89 0.63 0.00	34.39 0.58 0.00	27.81 0.32 0.00	28.48 0.27 0.00	27.73 0.25 0.00	28.75 0.10 0.00	30.05 -0.03 0.00	31.03 -0.18 0.00	38.56 0.23 -0.10	40.81 0.56 -0.14	40.61 1.00 -0.02	44.53 1.52 -0.11	45.14 1.82 -0.13	52.46 2.50 -0.37	60.50 2.94 -0.65	56.13 2.94 -0.49	95.74 5.06 -0.88	409.83 19.27 -1.55	226.42 10.37 -1.52	48.41 2.25 -0.22	46.77 1.92 -0.18	51.38 1.97 -0.41	43.37 1.75 -0.07	36.67 1.43 0.00
SOUTH CAIRO___GT 23612	28.86 1.59 0.00	35.73 1.92 0.00	29.10 1.61 0.00	29.87 1.66 0.00	29.14 1.66 0.00	30.34 1.69 0.00	32.03 1.95 0.00	33.15 1.94 0.00	40.43 2.19 0.00	42.26 2.16 0.00	41.47 1.88 0.00	45.10 2.20 0.00	45.27 2.08 0.00	51.91 2.32 0.00	59.65 2.73 0.00	55.42 2.72 0.00	95.81 6.02 0.00	417.87 28.86 0.00	233.52 18.99 0.00	74.87 4.41 -24.52	77.81 4.26 -28.87	60.67 4.62 -7.05	45.13 3.58 0.00	38.16 2.91 0.00
SOUTH HAMPTN___IC 23720	28.44 1.18 0.00	35.83 1.56 -0.45	28.77 1.28 0.00	29.53 1.32 0.00	28.88 1.40 0.00	30.42 1.77 0.00	37.35 2.18 -5.08	43.83 2.21 -10.40	40.53 2.29 0.00	42.30 2.19 0.00	41.97 2.38 0.00	45.74 2.85 0.00	46.16 2.96 0.00	53.36 3.77 0.00	54.58 3.69 6.03	56.19 3.56 0.06	73.80 6.24 22.23	331.67 22.67 80.01	224.52 10.75 0.76	51.00 2.37 -2.69	54.08 2.37 -7.03	53.05 2.33 -1.72	43.84 2.28 0.00	38.66 1.68 -1.73
SOUTHDOW___115KV_TB1 355954	29.67 2.40 0.00	36.20 2.39 0.00	29.01 1.52 0.00	29.75 1.54 0.00	28.93 1.44 0.00	29.82 1.17 0.00	31.11 1.03 0.00	32.36 1.15 0.00	40.84 2.60 0.00	43.32 3.21 0.00	43.21 3.62 0.00	47.27 4.37 0.00	47.89 4.69 0.00	55.73 6.15 0.00	63.88 6.96 0.00	59.35 6.66 0.00	102.27 12.48 0.00	436.76 47.74 0.00	238.24 23.71 0.00	51.39 5.45 0.00	49.52 4.85 0.00	54.44 5.45 0.00	46.40 4.85 0.00	39.42 4.18 0.00
SOUTHOLD_69_KV_BK 2 55809	28.40 1.14 0.00	35.77 1.51 -0.45	28.72 1.23 0.00	29.49 1.28 0.00	28.85 1.37 0.00	30.39 1.74 0.00	37.43 2.27 -5.08	44.03 2.42 -10.40	40.93 2.70 0.00	42.84 2.73 0.00	42.54 2.95 0.00	46.36 3.47 0.00	46.81 3.61 0.00	54.28 4.69 0.00	55.79 4.90 6.03	57.34 4.70 0.06	74.31 6.74 22.23	330.68 21.67 80.01	223.21 9.44 0.76	50.63 2.01 -2.69	54.44 2.73 -7.03	53.43 2.72 -1.72	44.14 2.58 0.00	38.83 1.86 -1.73
SOUTHOLD___IC 23719	28.40 1.14 0.00	35.77 1.51 -0.45	28.72 1.23 0.00	29.49 1.28 0.00	28.85 1.37 0.00	30.40 1.74 0.00	37.43 2.27 -5.08	44.03 2.42 -10.40	40.94 2.71 0.00	42.84 2.73 0.00	42.54 2.95 0.00	46.37 3.47 0.00	46.81 3.61 0.00	54.28 4.69 0.00	55.79 4.90 6.03	57.34 4.71 0.06	74.32 6.75 22.23	330.68 21.68 80.01	223.17 9.40 0.76	50.63 2.00 -2.69	54.44 2.73 -7.03	53.43 2.72 -1.72	44.14 2.58 0.00	38.83 1.86 -1.73
SOUTH_FORK_WT_PWR 323839	28.02 0.75 0.00	35.30 1.04 -0.45	28.36 0.87 0.00	29.11 0.90 0.00	28.49 1.01 0.00	30.02 1.37 0.00	37.11 1.95 -5.08	43.75 2.14 -10.40	40.65 2.42 0.00	42.55 2.44 0.00	42.22 2.63 0.00	46.01 3.11 0.00	46.44 3.24 0.00	53.91 4.33 0.00	55.44 4.54 6.03	57.00 4.36 0.06	74.38 6.81 22.23	331.86 22.86 80.01	223.22 9.44 0.76	50.62 1.99 -2.69	54.00 2.29 -7.03	52.77 2.06 -1.72	43.58 2.03 0.00	38.35 1.38 -1.73
SPIERFLS_115KV_TB 1 80737	28.82 1.56 0.00	35.84 1.96 -0.07	29.06 1.57 0.00	29.82 1.61 0.00	29.12 1.64 0.00	30.35 1.70 0.00	32.40 2.13 -0.18	35.00 2.17 -1.61	40.53 2.29 0.00	42.43 2.32 0.00	41.61 2.02 0.00	45.54 2.64 0.00	45.88 2.68 0.00	52.39 2.80 0.00	60.32 3.40 0.00	56.07 3.38 0.00	96.10 6.31 0.00	420.48 31.46 0.00	233.42 18.90 0.00	116.46 4.31 -66.22	126.86 4.22 -77.96	72.62 4.59 -19.04	45.17 3.61 0.00	38.40 2.88 -0.27
ST LAWRENCE____ 23600	26.86 -0.40 0.00	33.34 -0.48 0.00	27.07 -0.42 0.00	27.74 -0.47 0.00	26.94 -0.54 0.00	28.16 -0.49 0.00	29.53 -0.55 0.00	30.84 -0.38 0.00	37.90 -0.34 0.00	39.78 -0.32 0.00	38.94 -0.65 0.00	41.94 -0.96 0.00	42.17 -1.03 0.00	48.44 -1.15 0.00	55.58 -1.33 0.00	51.36 -1.34 0.00	87.14 -2.66 0.00	378.19 -10.82 0.00	208.83 -5.69 0.00	44.38 -1.56 0.00	43.30 -1.38 0.00	47.59 -1.40 0.00	40.24 -1.32 0.00	34.21 -1.04 0.00
STATE_CA_115KV_115_LB 55624	27.78 0.51 0.00	34.50 0.61 -0.07	28.09 0.60 0.00	28.83 0.61 0.00	28.14 0.66 0.00	29.31 0.66 0.00	31.08 0.81 -0.19	33.70 0.81 -1.68	39.03 0.79 0.00	40.93 0.83 0.00	40.42 0.83 0.00	44.00 1.11 0.00	44.31 1.12 0.00	50.79 1.20 0.00	58.28 1.36 0.00	53.95 1.25 0.00	92.13 2.34 0.00	400.43 11.41 0.00	221.11 6.58 0.00	92.82 1.57 -45.31	99.52 1.49 -53.35	63.58 1.55 -13.03	42.81 1.25 0.00	36.56 1.04 -0.28
STATE_ST_34_KV_LOAD 55959	27.84 0.57 0.00	34.47 0.66 0.00	27.97 0.48 0.00	28.73 0.52 0.00	27.90 0.42 0.00	29.01 0.36 0.00	30.42 0.34 0.00	31.47 0.25 0.00	39.17 0.53 -0.40	41.37 0.66 -0.61	40.47 0.80 -0.07	44.65 1.28 -0.48	44.99 1.26 -0.54	52.92 1.78 -1.55	61.74 2.11 -2.71	56.98 2.22 -2.06	97.94 4.47 -3.67	412.09 16.58 -6.50	228.85 7.96 -6.37	48.86 1.99 -0.93	47.25 1.82 -0.74	52.60 1.87 -1.73	43.45 1.58 -0.31	36.36 1.12 0.00

STATION 5_MISC_HYD 23604	28.23 0.97 0.00	34.74 0.93 0.00	28.03 0.54 0.00	28.69 0.47 0.00	27.95 0.46 0.00	28.89 0.24 0.00	30.08 0.00 0.00	30.98 -0.24 0.00	38.54 0.31 0.00	40.77 0.67 0.00	40.85 1.26 0.00	44.74 1.85 0.00	45.50 2.30 0.00	52.67 3.08 0.00	60.46 3.54 0.00	56.15 3.45 0.00	95.80 6.01 0.00	412.51 23.49 0.00	227.55 13.02 0.00	48.67 2.73 0.00	46.97 2.29 0.00	51.41 2.41 0.00	43.81 2.26 0.00	37.23 1.98 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	28.24 0.97 0.00	34.78 0.97 0.00	28.12 0.62 0.00	28.78 0.57 0.00	28.04 0.56 0.00	29.06 0.41 0.00	30.37 0.28 0.00	31.37 0.16 0.00	39.07 0.74 -0.10	41.32 1.06 -0.15	41.13 1.52 -0.02	45.11 2.09 -0.12	45.79 2.46 -0.14	53.23 3.25 -0.40	61.38 3.77 -0.69	56.86 3.64 -0.52	96.95 6.21 -0.94	415.35 24.68 -1.66	229.85 13.69 -1.62	49.08 2.90 -0.24	47.39 2.52 -0.19	52.07 2.63 -0.44	43.94 2.31 -0.08	37.19 1.95 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	28.06 0.79 0.00	34.53 0.72 0.00	27.87 0.38 0.00	28.52 0.31 0.00	27.78 0.29 0.00	28.73 0.08 0.00	29.93 -0.15 0.00	30.85 -0.36 0.00	38.36 0.13 0.00	40.60 0.50 0.00	40.66 1.06 0.00	44.53 1.63 0.00	45.27 2.08 0.00	52.41 2.82 0.00	60.17 3.25 0.00	55.89 3.19 0.00	95.37 5.57 0.00	410.82 21.81 0.00	226.49 11.96 0.00	48.43 2.49 0.00	46.72 2.05 0.00	51.11 2.11 0.00	43.53 1.98 0.00	36.97 1.73 0.00
STA_56___34_KV_BUS2 355983	28.06 0.79 0.00	34.53 0.72 0.00	27.87 0.38 0.00	28.52 0.31 0.00	27.78 0.29 0.00	28.73 0.08 0.00	29.93 -0.15 0.00	30.85 -0.36 0.00	38.36 0.13 0.00	40.60 0.50 0.00	40.66 1.06 0.00	44.53 1.63 0.00	45.27 2.08 0.00	52.41 2.82 0.00	60.17 3.25 0.00	55.89 3.19 0.00	95.37 5.57 0.00	410.82 21.81 0.00	226.49 11.96 0.00	48.43 2.49 0.00	46.72 2.05 0.00	51.11 2.11 0.00	43.53 1.98 0.00	36.97 1.73 0.00
STA_67___115KV_BK2 355882	28.16 0.89 0.00	34.65 0.84 0.00	27.96 0.47 0.00	28.61 0.40 0.00	27.88 0.39 0.00	28.81 0.16 0.00	30.00 -0.08 0.00	30.90 -0.31 0.00	38.43 0.19 0.00	40.65 0.55 0.00	40.72 1.13 0.00	44.59 1.70 0.00	45.32 2.13 0.00	52.45 2.86 0.00	60.21 3.29 0.00	55.91 3.22 0.00	95.47 5.67 0.00	411.05 22.04 0.00	226.61 15.28 0.00	48.48 2.54 0.00	46.79 2.12 0.00	51.21 2.22 0.00	43.67 2.12 0.00	37.11 1.86 0.00
STA_7___115KV_9TRANS 80674	28.42 1.16 0.00	34.96 1.14 0.00	28.19 0.70 0.00	28.85 0.64 0.00	28.10 0.61 0.00	29.05 0.40 0.00	30.26 0.17 0.00	31.17 -0.05 0.00	38.79 0.55 0.00	41.06 0.96 0.00	41.15 1.56 0.00	45.13 2.23 0.00	45.91 2.71 0.00	53.16 3.58 0.00	61.03 4.11 0.00	56.68 3.98 0.00	96.76 6.97 0.00	416.59 27.58 0.00	229.77 15.24 0.00	49.15 3.21 0.00	47.40 2.72 0.00	51.85 2.86 0.00	44.17 2.62 0.00	37.51 2.26 0.00
STA_82___115KV_TB1 80780	28.18 0.91 0.00	34.66 0.85 0.00	27.97 0.48 0.00	28.63 0.42 0.00	27.90 0.41 0.00	28.83 0.18 0.00	30.02 -0.07 0.00	30.91 -0.30 0.00	38.44 0.21 0.00	40.67 0.57 0.00	40.74 1.15 0.00	44.61 1.72 0.00	45.35 2.15 0.00	52.48 2.89 0.00	60.25 3.33 0.00	55.95 3.26 0.00	95.53 5.73 0.00	411.34 22.33 0.00	226.77 12.24 0.00	48.51 2.58 0.00	46.84 2.16 0.00	51.25 2.26 0.00	43.69 2.14 0.00	37.13 1.88 0.00
STEEL___WIND 323596	28.59 1.33 0.00	35.00 1.19 0.00	28.18 0.69 0.00	28.83 0.62 0.00	28.05 0.56 0.00	28.83 0.18 0.00	29.86 -0.22 0.00	30.68 -0.53 0.00	38.57 0.34 0.00	40.92 0.81 0.00	41.11 1.52 0.00	45.14 2.24 0.00	45.79 2.59 0.00	52.99 3.41 0.00	60.80 3.88 0.00	56.50 3.81 0.00	96.62 6.82 0.00	414.60 25.58 0.00	227.58 13.05 0.00	48.88 2.94 0.00	47.10 2.42 0.00	51.68 2.69 0.00	44.34 2.78 0.00	37.86 2.62 0.00
STEPHTWN_115KV_BK_2 55603	27.87 0.61 0.00	34.58 0.69 -0.07	28.11 0.62 0.00	28.88 0.67 0.00	28.19 0.70 0.00	29.42 0.76 0.00	31.21 0.93 -0.19	33.90 0.98 -1.71	39.19 0.96 0.00	41.09 0.99 0.00	40.49 0.90 0.00	44.15 1.26 0.00	44.42 1.23 0.00	50.97 1.38 0.00	58.46 1.55 0.00	54.10 1.40 0.00	92.73 2.93 0.00	402.82 13.81 0.00	222.55 8.02 0.00	84.02 1.96 -36.12	89.08 1.87 -42.52	61.21 1.82 -10.39	42.98 1.42 0.00	36.79 1.26 -0.28
STEUBEN_REC_LFGE 323667	28.59 1.32 0.00	34.96 1.15 0.00	28.17 0.67 0.00	28.78 0.57 0.00	28.10 0.61 0.00	29.05 0.40 0.00	30.35 0.26 0.00	31.50 0.29 0.00	39.68 1.32 -0.13	41.76 1.46 -0.19	41.31 1.70 -0.02	45.27 2.22 -0.15	45.48 2.12 -0.17	52.63 2.55 -0.50	60.61 2.82 -0.86	55.86 2.50 -0.66	95.93 4.97 -1.17	412.52 21.43 -2.08	227.88 11.32 -2.03	48.12 1.88 -0.30	47.33 2.42 -0.24	52.59 3.04 -0.56	44.32 2.66 -0.10	37.48 2.23 0.00
STILLWATER___SOLAR 323814	28.75 1.48 0.00	35.74 1.85 -0.07	29.03 1.54 0.00	29.79 1.58 0.00	29.08 1.60 0.00	30.33 1.68 0.00	32.25 1.98 -0.19	34.87 1.99 -1.66	40.33 2.10 0.00	42.30 2.19 0.00	41.64 2.05 0.00	45.40 2.51 0.00	45.77 2.57 0.00	52.44 2.85 0.00	60.30 3.38 0.00	55.89 3.20 0.00	95.47 5.67 0.00	417.01 28.00 0.00	230.82 16.29 0.00	112.46 3.75 -62.76	122.23 3.66 -73.89	71.00 3.96 -18.05	44.74 3.19 0.00	38.10 2.58 -0.28
STONY___BROOK 24151	28.69 1.43 0.00	36.11 1.85 -0.45	29.04 1.55 0.00	29.78 1.57 0.00	29.13 1.65 0.00	30.60 1.95 0.00	37.45 2.29 -5.08	43.92 2.31 -10.40	40.47 2.23 0.00	42.11 2.00 0.00	41.76 2.17 0.00	45.50 2.61 0.00	45.80 2.61 0.00	52.81 3.22 0.00	53.45 2.65 6.12	55.15 2.52 0.06	72.39 4.74 22.15	326.35 17.19 79.85	222.19 8.44 0.78	50.61 1.97 -2.70	53.63 1.92 -7.03	52.76 2.05 -1.72	43.73 2.18 0.00	38.69 1.72 -1.73
STURGEON_POOL_HYD 23609	28.33 1.07 0.00	34.97 1.16 0.00	28.45 0.96 0.00	29.20 0.99 0.00	28.53 1.04 0.00	29.81 1.16 0.00	31.43 1.34 0.00	32.76 1.54 0.00	39.93 1.70 0.00	41.84 1.73 0.00	41.46 1.87 0.00	45.02 2.13 0.00	45.34 2.14 0.00	52.06 2.48 0.00	59.75 2.83 0.00	55.51 2.81 0.00	94.71 4.92 0.00	408.81 19.80 0.00	224.48 9.95 0.00	58.23 2.07 -10.22	58.57 1.86 -12.03	53.95 2.02 -2.94	43.43 1.88 0.00	36.78 1.53 0.00
ST_LAW_115_BK7_LBMP 345037	26.83 -0.44 0.00	33.29 -0.52 0.00	27.03 -0.46 0.00	27.70 -0.51 0.00	26.89 -0.59 0.00	28.12 -0.53 0.00	29.49 -0.59 0.00	30.79 -0.42 0.00	37.85 -0.38 0.00	39.73 -0.37 0.00	38.87 -0.72 0.00	41.84 -1.05 0.00	42.06 -1.14 0.00	48.32 -1.27 0.00	55.44 -1.48 0.00	51.24 -1.46 0.00	86.88 -2.91 0.00	377.24 -11.77 0.00	208.33 -6.20 0.00	44.26 -1.68 0.00	43.18 -1.50 0.00	47.50 -1.50 0.00	40.16 -1.39 0.00	34.14 -1.11 0.00
ST_LAW_115_BK8_LBMP 345038	26.83 -0.44 0.00	33.29 -0.52 0.00	27.03 -0.46 0.00	27.70 -0.51 0.00	26.89 -0.59 0.00	28.12 -0.53 0.00	29.49 -0.59 0.00	30.79 -0.42 0.00	37.85 -0.38 0.00	39.73 -0.37 0.00	38.87 -0.72 0.00	41.84 -1.05 0.00	42.06 -1.14 0.00	48.32 -1.27 0.00	55.44 -1.48 0.00	51.24 -1.46 0.00	86.88 -2.91 0.00	377.24 -11.77 0.00	208.33 -6.20 0.00	44.26 -1.68 0.00	43.18 -1.50 0.00	47.50 -1.50 0.00	40.16 -1.39 0.00	34.14 -1.11 0.00

ST_LAW_230_BK5_LBMP 345035	26.86 -0.40 0.00	33.34 -0.48 0.00	27.07 -0.42 0.00	27.74 -0.47 0.00	26.94 -0.54 0.00	28.16 -0.49 0.00	29.53 -0.55 0.00	30.84 -0.38 0.00	37.90 -0.34 0.00	39.78 -0.32 0.00	38.94 -0.65 0.00	41.94 -0.96 0.00	42.17 -1.03 0.00	48.44 -1.15 0.00	55.58 -1.33 0.00	51.36 -1.34 0.00	87.14 -2.66 0.00	378.19 -10.82 0.00	208.83 -5.69 0.00	44.38 -1.56 0.00	43.30 -1.38 0.00	47.59 -1.40 0.00	40.24 -1.32 0.00	34.21 -1.04 0.00
ST_LAW_230_BK6_LBMP 345036	26.86 -0.40 0.00	33.34 -0.48 0.00	27.07 -0.42 0.00	27.74 -0.47 0.00	26.94 -0.54 0.00	28.16 -0.49 0.00	29.53 -0.55 0.00	30.84 -0.38 0.00	37.90 -0.34 0.00	39.78 -0.32 0.00	38.94 -0.65 0.00	41.94 -0.96 0.00	42.17 -1.03 0.00	48.44 -1.15 0.00	55.58 -1.33 0.00	51.36 -1.34 0.00	87.14 -2.66 0.00	378.19 -10.82 0.00	208.83 -5.69 0.00	44.38 -1.56 0.00	43.30 -1.38 0.00	47.59 -1.40 0.00	40.24 -1.32 0.00	34.21 -1.04 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	28.27 1.00 0.00	34.42 1.07 0.46	28.40 0.91 0.00	29.16 0.95 0.00	28.51 1.02 0.00	29.77 1.12 0.00	30.16 1.27 1.19	22.02 1.42 10.61	39.75 1.52 0.00	41.59 1.48 0.00	41.18 1.59 0.00	44.72 1.83 0.00	45.08 1.88 0.00	51.82 2.24 0.00	59.51 2.59 0.00	55.23 2.54 0.00	94.36 4.56 0.00	407.17 18.15 0.00	223.81 9.28 0.00	53.37 1.99 -5.44	52.91 1.83 -6.41	52.51 1.95 -1.56	43.32 1.77 0.00	34.95 1.46 1.76
SWANROAD_115KV_TB1 355699	27.88 0.61 0.00	34.15 0.34 0.00	27.49 -0.01 0.00	28.11 -0.10 0.00	27.36 -0.13 0.00	28.05 -0.60 0.00	28.95 -1.13 0.00	29.57 -1.64 0.00	37.14 -1.10 0.00	39.45 -0.66 0.00	39.70 0.11 0.00	43.57 0.68 0.00	44.35 1.15 0.00	51.26 1.68 0.00	58.67 1.75 0.00	54.56 1.86 0.00	93.23 3.44 0.00	400.29 11.28 0.00	220.13 5.60 0.00	47.33 1.39 0.00	45.58 0.90 0.00	49.91 0.92 0.00	43.02 1.46 0.00	36.84 1.60 0.00
SYNERGY___BIOGAS 323694	29.10 1.84 0.00	35.63 1.81 0.00	28.67 1.18 0.00	29.31 1.10 0.00	28.54 1.06 0.00	29.41 0.76 0.00	30.53 0.44 0.00	31.40 0.18 0.00	39.29 1.05 0.00	41.58 1.48 0.00	41.88 2.28 0.00	45.77 2.88 0.00	46.72 3.53 0.00	54.31 4.72 0.00	62.16 5.24 0.00	57.61 4.91 0.00	98.51 8.71 0.00	425.05 36.04 0.00	234.03 19.51 0.00	50.32 4.38 0.00	48.50 3.82 0.00	53.05 4.06 0.00	45.33 3.77 0.00	38.56 3.32 0.00
SYRACUSE___ENERGY_ST1 323597	27.42 0.16 0.00	34.00 0.19 0.00	27.61 0.12 0.00	28.35 0.13 0.00	27.61 0.12 0.00	28.73 0.09 0.00	30.12 0.04 0.00	31.17 -0.05 0.00	38.82 0.10 -0.48	41.04 0.21 -0.73	40.06 0.38 -0.08	44.14 0.67 -0.58	44.62 0.77 -0.65	52.50 1.05 -1.86	61.44 1.28 -3.24	56.46 1.30 -2.46	96.69 2.47 -4.43	406.12 9.32 -7.79	226.59 4.44 -7.62	48.07 1.02 -1.11	46.54 0.98 -0.89	52.06 1.00 -2.07	42.76 0.83 -0.37	35.89 0.64 0.00
SYRACUSE___ENERGY_ST2 323598	27.42 0.16 0.00	34.00 0.19 0.00	27.61 0.12 0.00	28.35 0.13 0.00	27.61 0.12 0.00	28.73 0.09 0.00	30.12 0.04 0.00	31.17 -0.05 0.00	38.82 0.10 -0.48	41.04 0.21 -0.73	40.06 0.38 -0.08	44.14 0.67 -0.58	44.62 0.77 -0.65	52.50 1.05 -1.86	61.44 1.28 -3.24	56.46 1.30 -2.46	96.69 2.47 -4.43	406.12 9.32 -7.79	226.59 4.44 -7.62	48.07 1.02 -1.11	46.54 0.98 -0.89	52.06 1.00 -2.07	42.76 0.83 -0.37	35.89 0.64 0.00
SYRACUSE___POWER 24017	27.38 0.11 0.00	33.95 0.13 0.00	27.56 0.06 0.00	28.28 0.07 0.00	27.56 0.07 0.00	28.68 0.03 0.00	30.07 -0.02 0.00	31.11 -0.11 0.00	38.59 0.03 -0.33	40.74 0.14 -0.49	39.98 0.33 -0.06	43.90 0.62 -0.39	44.40 0.77 -0.44	51.87 1.03 -1.25	60.33 1.23 -2.18	55.62 1.26 -1.66	95.28 2.20 -3.29	401.61 7.36 -5.24	223.32 3.66 -5.13	47.53 0.85 -0.74	46.26 1.00 -0.58	51.40 1.05 -1.36	42.66 0.86 -0.25	35.93 0.68 0.00
TALLMAN___138KV_BK151 55660	28.35 1.09 0.00	34.34 1.15 0.62	28.48 0.99 0.00	29.26 1.05 0.00	28.62 1.13 0.00	29.91 1.26 0.00	29.85 1.38 1.62	18.34 1.53 14.40	39.84 1.61 0.00	41.66 1.56 0.00	41.29 1.69 0.00	44.86 1.97 0.00	45.23 2.03 0.00	52.03 2.44 0.00	59.70 2.78 0.00	55.41 2.72 0.00	94.67 4.88 0.00	407.94 18.93 0.00	223.83 9.30 0.00	53.55 1.98 -5.64	53.13 1.82 -6.63	52.58 1.96 -1.62	43.36 1.81 0.00	34.36 1.50 2.39
TEALLAVE_115KV_TB7 355573	27.31 0.05 0.00	33.86 0.05 0.00	27.49 0.00 0.00	28.20 -0.01 0.00	27.49 0.00 0.00	28.61 -0.04 0.00	29.99 -0.10 0.00	31.02 -0.20 0.00	38.41 -0.08 -0.26	40.53 0.03 -0.40	39.87 0.23 -0.05	43.70 0.49 -0.32	44.18 0.63 -0.35	51.48 0.88 -1.02	59.74 1.05 -1.77	55.11 1.07 -1.34	94.16 2.00 -2.36	401.02 7.76 -4.25	222.39 3.70 -4.16	47.36 0.81 -0.61	45.90 0.74 -0.48	50.87 0.76 -1.12	42.38 0.62 -0.20	35.74 0.49 0.00
TELGRAPH_34_KV_EAST 80808	28.49 1.23 0.00	34.89 1.08 0.00	28.08 0.59 0.00	28.71 0.50 0.00	27.95 0.47 0.00	28.73 0.08 0.00	29.74 -0.35 0.00	30.49 -0.73 0.00	38.25 0.02 0.00	40.57 0.46 0.00	40.81 1.21 0.00	44.75 1.86 0.00	45.58 2.38 0.00	52.79 3.20 0.00	60.44 3.53 0.00	56.15 3.45 0.00	95.87 6.08 0.00	412.35 23.33 0.00	226.79 12.26 0.00	48.73 2.79 0.00	46.95 2.27 0.00	51.39 2.40 0.00	44.10 2.55 0.00	37.65 2.41 0.00
TEMPLE___115KV_TB 2 55572	27.33 0.06 0.00	33.88 0.07 0.00	27.50 0.01 0.00	28.22 0.01 0.00	27.51 0.02 0.00	28.62 -0.03 0.00	30.01 -0.08 0.00	31.03 -0.19 0.00	38.44 -0.05 -0.26	40.56 0.06 -0.39	39.89 0.26 -0.05	43.74 0.53 -0.31	44.22 0.67 -0.35	51.53 0.93 -1.01	59.78 1.10 -1.76	55.16 1.12 -1.34	94.20 2.05 -2.35	401.22 7.96 -4.24	222.47 3.80 -4.15	47.39 0.84 -0.60	45.92 0.76 -0.48	50.91 0.79 -1.12	42.41 0.66 -0.20	35.77 0.52 0.00
TIANA___69_KV_BK 1 55817	28.47 1.21 0.00	35.86 1.60 -0.45	28.81 1.32 0.00	29.56 1.35 0.00	28.90 1.42 0.00	30.44 1.79 0.00	37.34 2.17 -5.08	43.80 2.19 -10.40	40.44 2.21 0.00	42.19 2.09 0.00	41.87 2.28 0.00	45.62 2.72 0.00	46.03 2.83 0.00	53.20 3.61 0.00	54.35 3.46 6.03	55.97 3.34 0.06	73.54 5.97 22.23	330.72 21.72 80.01	224.27 10.50 0.76	50.97 2.34 -2.69	54.03 2.32 -7.03	53.02 2.31 -1.72	43.83 2.28 0.00	38.66 1.69 -1.73
TILDEN___115KV_TB1 80814	27.38 0.11 0.00	33.95 0.13 0.00	27.56 0.06 0.00	28.28 0.07 0.00	27.56 0.07 0.00	28.68 0.03 0.00	30.07 -0.02 0.00	31.11 -0.11 0.00	38.59 0.03 -0.33	40.74 0.14 -0.49	39.98 0.33 -0.06	43.90 0.62 -0.39	44.40 0.77 -0.44	51.87 1.03 -1.25	60.33 1.23 -2.18	55.62 1.26 -1.66	95.28 2.20 -3.29	401.61 7.36 -5.24	223.32 3.66 -5.13	47.53 0.85 -0.74	46.26 1.00 -0.58	51.40 1.05 -1.36	42.66 0.86 -0.25	35.93 0.68 0.00
TRIGEN___CC 323695	28.74 1.47 0.00	36.04 1.78 -0.45	28.96 1.47 0.00	29.70 1.49 0.00	29.05 1.57 0.00	30.43 1.78 0.00	37.24 2.07 -5.08	43.79 2.18 -10.40	40.45 2.22 0.00	42.14 2.04 0.00	41.78 2.19 0.00	45.45 2.56 0.00	45.85 2.65 0.00	52.72 3.14 0.00	53.90 3.23 6.25	55.64 3.05 0.10	88.64 5.30 6.45	382.23 20.94 27.72	223.83 10.61 1.30	53.27 2.30 -5.02	53.92 2.21 -7.03	53.11 2.40 -1.72	43.98 2.42 0.00	38.94 1.97 -1.73

TRINITY__115KV__4 BK 55933	27.62 0.36 0.00	34.31 0.43 -0.07	27.94 0.45 0.00	28.68 0.46 0.00	27.99 0.50 0.00	29.16 0.50 0.00	30.92 0.64 -0.19	33.53 0.62 -1.70	38.78 0.55 0.00	40.66 0.56 0.00	40.14 0.55 0.00	43.69 0.80 0.00	43.98 0.79 0.00	50.38 0.79 0.00	57.79 0.87 0.00	53.49 0.80 0.00	91.32 1.53 0.00	396.97 7.95 0.00	219.23 4.71 0.00	84.86 1.17 -37.74	90.25 1.14 -44.44	61.03 1.19 -10.85	42.51 0.96 0.00	36.32 0.79 -0.28
UNION__PROCESSING_DRP 323587	28.18 0.92 0.00	34.68 0.87 0.00	27.98 0.49 0.00	28.64 0.43 0.00	27.90 0.41 0.00	28.84 0.19 0.00	30.02 -0.06 0.00	30.92 -0.29 0.00	38.46 0.23 0.00	40.69 0.59 0.00	40.75 1.16 0.00	44.62 1.73 0.00	45.37 2.17 0.00	52.51 2.92 0.00	60.28 3.36 0.00	55.97 3.28 0.00	95.56 5.77 0.00	411.45 22.44 0.00	226.90 12.37 0.00	48.53 2.59 0.00	46.85 2.17 0.00	51.27 2.27 0.00	43.71 2.16 0.00	37.14 1.90 0.00
UPPER HUDSON__HYD 24058	28.82 1.56 0.00	35.84 1.96 -0.07	29.06 1.57 0.00	29.82 1.61 0.00	29.12 1.63 0.00	30.35 1.70 0.00	32.40 2.13 -0.18	35.00 2.17 -1.61	40.53 2.29 0.00	42.43 2.33 0.00	41.61 2.01 0.00	45.54 2.65 0.00	45.88 2.68 0.00	52.39 2.80 0.00	60.32 3.40 0.00	56.07 3.38 0.00	96.10 6.31 0.00	420.48 31.46 0.00	233.42 18.90 0.00	116.46 4.31 -66.22	126.86 4.23 -77.96	72.63 4.59 -19.04	45.16 3.61 0.00	38.40 2.88 -0.27
UPPER RAQUET__HYD 24056	26.79 -0.48 0.00	33.19 -0.62 0.00	26.94 -0.56 0.00	27.59 -0.63 0.00	26.78 -0.71 0.00	28.01 -0.64 0.00	29.30 -0.79 0.00	30.61 -0.61 0.00	37.66 -0.66 -0.08	39.54 -0.69 -0.12	38.49 -1.12 -0.01	41.48 -1.51 -0.10	41.66 -1.65 -0.11	48.07 -1.83 -0.32	55.39 -2.09 -0.56	51.16 -1.96 -0.42	86.86 -3.68 -0.75	376.62 -13.73 -1.34	208.85 -6.99 -1.31	48.79 -2.12 -4.96	43.07 -1.77 -0.15	47.97 -1.38 -0.36	40.09 -1.53 -0.07	33.92 -1.32 0.00
VALLEY44_115KV_TB2 355964	28.23 0.97 0.00	34.61 0.80 0.00	27.87 0.38 0.00	28.60 0.39 0.00	27.89 0.41 0.00	28.90 0.24 0.00	30.19 0.11 0.00	31.33 0.11 0.00	39.22 0.99 0.00	41.39 1.28 0.00	41.16 1.57 0.00	44.93 2.03 0.00	45.13 1.93 0.00	52.14 2.55 0.00	59.93 3.01 0.00	55.56 2.86 0.00	94.95 5.16 0.00	406.36 17.35 0.00	222.69 8.16 0.00	47.88 1.94 0.00	46.29 1.62 0.00	51.14 2.15 0.00	43.91 2.36 0.00	37.58 2.34 0.00
VALLEY__115KV_TB 1-4 80826	27.70 0.43 0.00	34.33 0.52 0.00	27.94 0.45 0.00	28.69 0.48 0.00	27.98 0.49 0.00	29.17 0.52 0.00	30.75 0.66 0.00	31.80 0.58 0.00	38.67 0.43 0.00	40.41 0.30 0.00	40.07 0.47 0.00	43.53 0.64 0.00	43.84 0.64 0.00	50.31 0.72 0.00	57.72 0.80 0.00	53.55 0.86 0.00	91.51 1.71 0.00	396.00 6.99 0.00	219.69 5.16 0.00	47.43 1.50 0.00	46.16 1.48 0.00	50.47 1.48 0.00	42.64 1.09 0.00	36.03 0.78 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	28.30 1.03 0.00	35.03 1.22 0.00	28.50 1.01 0.00	29.33 1.11 0.00	28.58 1.09 0.00	29.79 1.14 0.00	31.34 1.25 0.00	32.49 1.27 0.00	39.93 1.61 -0.08	41.94 1.71 -0.12	41.40 1.80 -0.01	45.09 2.10 -0.10	45.46 2.15 -0.11	52.37 2.47 -0.31	60.27 2.80 -0.54	55.79 2.68 -0.42	95.19 4.66 -0.74	410.22 19.90 -1.31	225.59 9.78 -1.28	56.83 2.17 -8.73	56.91 2.04 -10.20	54.04 2.24 -2.81	43.54 1.92 -0.06	36.87 1.63 0.00
VISCHER__FERRY HYD 24020	28.18 0.92 0.00	35.07 1.18 -0.08	28.54 1.05 0.00	29.29 1.08 0.00	28.60 1.11 0.00	29.78 1.13 0.00	31.61 1.33 -0.20	34.29 1.33 -1.75	39.55 1.31 0.00	41.48 1.38 0.00	40.88 1.29 0.00	44.52 1.62 0.00	44.83 1.63 0.00	51.29 1.70 0.00	58.85 1.93 0.00	54.44 1.75 0.00	92.90 3.11 0.00	405.33 16.32 0.00	224.06 9.53 0.00	103.43 2.28 -55.21	111.92 2.23 -65.01	67.27 2.40 -15.88	43.50 1.95 0.00	37.14 1.60 -0.29
V_A_10_SYNC_DSASP 323832	27.92 0.66 0.00	34.29 0.47 0.00	27.63 0.14 0.00	28.28 0.07 0.00	27.55 0.06 0.00	28.36 -0.29 0.00	29.40 -0.68 0.00	30.16 -1.05 0.00	37.72 -0.52 0.00	39.98 -0.13 0.00	40.10 0.51 0.00	43.92 1.03 0.00	44.59 1.39 0.00	51.54 1.95 0.00	59.13 2.21 0.00	54.96 2.26 0.00	93.82 4.02 0.00	403.17 14.16 0.00	221.86 7.33 0.00	47.61 1.67 0.00	45.91 1.23 0.00	50.33 1.34 0.00	43.17 1.62 0.00	36.88 1.63 0.00
V_CMM_10_SYNC_DSASP 323787	26.95 -0.32 0.00	33.44 -0.37 0.00	27.15 -0.34 0.00	27.83 -0.39 0.00	27.02 -0.46 0.00	28.25 -0.40 0.00	29.62 -0.46 0.00	30.95 -0.27 0.00	38.04 -0.19 0.00	39.94 -0.17 0.00	39.07 -0.52 0.00	42.06 -0.83 0.00	42.29 -0.91 0.00	48.59 -1.00 0.00	55.75 -1.16 0.00	51.51 -1.18 0.00	87.38 -2.42 0.00	379.36 -9.65 0.00	209.46 -5.07 0.00	44.50 -1.44 0.00	43.40 -1.27 0.00	47.73 -1.26 0.00	40.36 -1.20 0.00	34.31 -0.93 0.00
V_CMP_10_SYNC_DSASP 323788	28.57 1.30 0.00	35.41 1.60 0.00	28.71 1.22 0.00	29.15 0.94 0.00	28.34 0.85 0.00	29.53 0.88 0.00	31.37 1.29 0.00	32.59 1.37 0.00	40.01 1.78 0.00	42.12 2.02 0.00	41.26 1.66 0.00	44.62 1.73 0.00	44.86 1.67 0.00	51.20 1.61 0.00	58.26 1.34 0.00	53.55 0.85 0.00	90.19 0.40 0.00	388.52 -0.49 0.00	213.69 -0.83 0.00	9.09 -3.02 33.83	43.96 -0.72 0.00	48.34 -0.65 0.00	39.72 -1.84 0.00	34.01 -1.24 0.00
V_D_10_SYNC_DSASP 323841	27.11 -0.16 0.00	33.63 -0.18 0.00	27.30 -0.19 0.00	27.98 -0.23 0.00	27.16 -0.32 0.00	28.40 -0.25 0.00	29.77 -0.31 0.00	31.09 -0.13 0.00	38.21 -0.03 0.00	40.10 -0.01 0.00	39.20 -0.39 0.00	42.20 -0.69 0.00	42.38 -0.82 0.00	48.69 -0.90 0.00	55.90 -1.02 0.00	51.66 -1.03 0.00	87.63 -2.17 0.00	380.71 -8.30 0.00	210.04 -4.49 0.00	45.33 -1.43 -0.82	43.44 -1.24 0.00	48.05 -0.95 0.00	40.60 -0.95 0.00	34.51 -0.73 0.00
V_E_10_SYNC_DSASP 323830	29.05 1.79 0.00	35.97 2.16 0.00	29.35 1.86 0.00	30.15 1.94 0.00	29.49 2.00 0.00	30.82 2.17 0.00	32.53 2.44 0.00	33.77 2.56 0.00	41.79 3.37 -0.19	44.07 3.68 -0.28	43.14 3.52 -0.03	47.17 4.05 -0.23	47.37 3.92 -0.25	55.11 4.80 -0.72	63.61 5.43 -1.26	58.46 4.81 -0.96	100.95 9.45 -1.70	432.97 40.93 -3.03	240.62 23.13 -2.97	55.39 5.15 -4.30	54.54 4.99 -4.88	55.87 4.95 -1.93	45.66 3.95 -0.15	38.10 2.85 0.00
V_F_30_NSYNC__DSASP 323816	28.80 1.54 0.00	35.80 1.91 -0.07	29.07 1.58 0.00	29.85 1.64 0.00	29.13 1.65 0.00	30.38 1.73 0.00	32.31 2.04 -0.18	34.93 2.06 -1.65	40.44 2.21 0.00	42.43 2.33 0.00	41.78 2.18 0.00	45.57 2.67 0.00	45.95 2.76 0.00	52.66 3.07 0.00	60.54 3.62 0.00	56.09 3.40 0.00	95.86 6.07 0.00	418.50 29.49 0.00	231.64 17.12 0.00	113.33 3.91 -63.48	123.23 3.81 -74.74	71.36 4.11 -18.26	44.86 3.31 0.00	38.19 2.67 -0.28
V_F_30_SYNC_DSASP 323786	27.77 0.51 0.00	34.50 0.61 -0.07	28.09 0.60 0.00	28.83 0.61 0.00	28.14 0.66 0.00	29.31 0.66 0.00	31.08 0.81 -0.19	33.70 0.81 -1.68	39.02 0.79 0.00	40.92 0.82 0.00	40.42 0.83 0.00	44.00 1.10 0.00	44.31 1.12 0.00	50.79 1.20 0.00	58.27 1.35 0.00	53.95 1.25 0.00	92.12 2.33 0.00	400.34 11.32 0.00	221.07 6.54 0.00	92.54 1.56 -45.04	99.20 1.49 -53.03	63.49 1.55 -12.95	42.80 1.25 0.00	36.56 1.04 -0.28



V_XM10_SYNC_DSASP 323789	28.57 1.30 0.00	35.41 1.60 0.00	28.71 1.22 0.00	29.15 0.94 0.00	28.34 0.85 0.00	29.53 0.88 0.00	31.37 1.29 0.00	32.59 1.37 0.00	40.01 1.78 0.00	42.12 2.02 0.00	41.26 1.66 0.00	44.62 1.73 0.00	44.86 1.67 0.00	51.20 1.61 0.00	58.26 1.34 0.00	53.55 0.85 0.00	90.19 0.40 0.00	388.52 -0.49 0.00	213.69 -0.83 0.00	9.09 -3.02 33.83	43.96 -0.72 0.00	48.34 -0.65 0.00	39.72 -1.84 0.00	34.01 -1.24 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	28.43 1.17 0.00	34.39 1.24 0.67	28.56 1.07 0.00	29.35 1.14 0.00	28.70 1.22 0.00	29.99 1.34 0.00	29.83 1.47 1.72	17.47 1.63 15.37	39.96 1.73 0.00	41.80 1.69 0.00	41.41 1.82 0.00	45.00 2.11 0.00	45.39 2.20 0.00	52.21 2.62 0.00	59.93 3.01 0.00	55.61 2.91 0.00	94.99 5.20 0.00	409.45 20.43 0.00	224.70 10.18 0.00	53.80 2.18 -5.68	53.37 2.00 -6.69	52.76 2.14 -1.63	43.50 1.94 0.00	34.30 1.61 2.55
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	28.68 1.41 0.00	35.80 1.55 -0.45	28.78 1.29 0.00	29.53 1.32 0.00	28.86 1.38 0.00	30.20 1.55 0.00	33.04 1.80 -1.16	43.60 2.07 -10.31	40.55 2.32 0.00	42.37 2.26 0.00	41.98 2.39 0.00	45.57 2.68 0.00	45.95 2.75 0.00	52.72 3.13 0.00	60.36 3.44 0.00	55.95 3.26 0.00	95.47 5.67 0.00	411.41 22.39 0.00	225.58 11.05 0.00	54.30 2.39 -5.98	53.95 2.24 -7.04	53.09 2.38 -1.72	43.82 2.26 0.00	38.91 1.95 -1.71
W50THST__13_KV_LOAD 356117	28.82 1.56 0.00	35.98 1.72 -0.45	28.91 1.42 0.00	29.67 1.46 0.00	29.00 1.52 0.00	30.36 1.71 0.00	33.25 2.01 -1.16	43.84 2.32 -10.31	40.88 2.65 0.00	42.74 2.63 0.00	42.37 2.78 0.00	46.00 3.11 0.00	46.38 3.18 0.00	53.20 3.61 0.00	60.88 3.96 0.00	56.47 3.77 0.00	96.30 6.51 0.00	414.80 25.79 0.00	227.20 12.68 0.00	54.62 2.70 -5.98	54.24 2.53 -7.04	53.39 2.68 -1.72	44.10 2.55 0.00	39.16 2.20 -1.71
WADING RIVER_IC_1 23522	28.20 0.93 0.00	35.57 1.31 -0.45	28.55 1.06 0.00	29.29 1.08 0.00	28.64 1.16 0.00	30.18 1.53 0.00	37.04 1.88 -5.08	43.42 1.81 -10.40	39.90 1.67 0.00	41.55 1.44 0.00	41.19 1.59 0.00	44.86 1.96 0.00	45.21 2.01 0.00	52.20 2.61 0.00	53.14 2.23 6.02	54.81 2.18 0.06	71.66 4.09 22.23	323.17 14.18 80.02	220.46 6.68 0.75	50.20 1.58 -2.69	53.30 1.59 -7.03	52.28 1.57 -1.72	43.23 1.67 0.00	38.18 1.21 -1.73
WADING RIVER_IC_2 23547	28.20 0.93 0.00	35.57 1.31 -0.45	28.55 1.06 0.00	29.29 1.08 0.00	28.64 1.16 0.00	30.18 1.53 0.00	37.04 1.88 -5.08	43.42 1.81 -10.40	39.90 1.67 0.00	41.55 1.44 0.00	41.19 1.59 0.00	44.86 1.96 0.00	45.21 2.01 0.00	52.20 2.61 0.00	53.14 2.23 6.02	54.81 2.18 0.06	71.66 4.09 22.23	323.17 14.18 80.02	220.46 6.68 0.75	50.20 1.58 -2.69	53.30 1.59 -7.03	52.28 1.57 -1.72	43.23 1.67 0.00	38.18 1.21 -1.73
WADING RIVER_IC_3 23601	28.20 0.93 0.00	35.57 1.31 -0.45	28.55 1.06 0.00	29.29 1.08 0.00	28.64 1.16 0.00	30.18 1.53 0.00	37.04 1.88 -5.08	43.42 1.81 -10.40	39.90 1.67 0.00	41.55 1.44 0.00	41.19 1.59 0.00	44.86 1.96 0.00	45.21 2.01 0.00	52.20 2.61 0.00	53.14 2.23 6.02	54.81 2.18 0.06	71.66 4.09 22.23	323.17 14.18 80.02	220.46 6.68 0.75	50.20 1.58 -2.69	53.30 1.59 -7.03	52.28 1.57 -1.72	43.23 1.67 0.00	38.18 1.21 -1.73
WALDENNY_12_KV_BK2 80841	28.64 1.38 0.00	35.08 1.26 0.00	28.22 0.73 0.00	28.88 0.67 0.00	28.10 0.61 0.00	28.88 0.22 0.00	29.91 -0.18 0.00	30.70 -0.51 0.00	38.61 0.38 0.00	41.02 0.91 0.00	41.24 1.65 0.00	45.32 2.42 0.00	45.99 2.79 0.00	53.22 3.63 0.00	61.03 4.11 0.00	56.72 4.03 0.00	97.09 7.30 0.00	416.51 27.49 0.00	228.52 13.99 0.00	49.02 3.08 0.00	47.22 2.55 0.00	51.78 2.79 0.00	44.43 2.88 0.00	37.93 2.68 0.00
WALDEN__HYDRO 24148	28.43 1.16 0.00	34.95 1.27 0.13	28.55 1.06 0.00	29.32 1.11 0.00	28.64 1.16 0.00	29.93 1.28 0.00	31.19 1.45 0.34	29.76 1.62 3.08	40.02 1.78 0.00	41.88 1.78 0.00	41.46 1.87 0.00	45.02 2.12 0.00	45.38 2.18 0.00	52.16 2.57 0.00	59.92 3.00 0.00	55.62 2.92 0.00	95.00 5.21 0.00	410.50 21.49 0.00	225.74 11.21 0.00	54.38 2.42 -6.02	54.00 2.24 -7.08	53.10 2.38 -1.73	43.67 2.12 0.00	36.47 1.73 0.51
WARRENSBURG____ 23737	28.82 1.56 0.00	35.84 1.96 -0.07	29.06 1.57 0.00	29.82 1.61 0.00	29.12 1.63 0.00	30.35 1.70 0.00	32.40 2.13 -0.18	35.00 2.17 -1.61	40.53 2.29 0.00	42.43 2.33 0.00	41.61 2.01 0.00	45.54 2.65 0.00	45.88 2.68 0.00	52.39 2.80 0.00	60.32 3.40 0.00	56.07 3.38 0.00	96.10 6.31 0.00	420.48 31.46 0.00	233.42 18.90 0.00	116.46 4.31 -66.22	126.86 4.23 -77.96	72.63 4.59 -19.04	45.16 3.61 0.00	38.40 2.88 -0.27
WATERSIDE____6 8 9 23538	28.55 1.47 0.18	35.88 1.62 -0.45	28.83 1.34 0.00	29.59 1.38 0.00	28.92 1.44 0.00	30.27 1.62 0.00	33.13 1.89 -1.16	43.66 2.14 -10.31	40.62 2.39 0.00	42.43 2.33 0.00	42.06 2.47 0.00	45.63 2.74 0.00	46.03 2.83 0.00	52.76 3.16 0.00	60.31 3.39 0.00	55.88 3.18 0.00	95.26 5.46 0.00	410.37 21.35 0.00	225.13 10.61 0.00	54.11 2.33 -5.84	53.88 2.17 -7.04	53.09 2.38 -1.72	43.93 2.38 0.00	38.96 2.01 -1.70
WATKINRD_115KV_LN8_ILLION 55919	27.54 0.27 0.00	34.15 0.34 0.00	27.79 0.30 0.00	28.54 0.33 0.00	27.84 0.36 0.00	29.03 0.38 0.00	30.56 0.47 0.00	31.62 0.40 0.00	38.52 0.29 0.00	40.26 0.16 0.00	39.88 0.28 0.00	43.29 0.40 0.00	43.61 0.41 0.00	50.04 0.46 0.00	57.47 0.55 0.00	53.29 0.59 0.00	91.01 1.21 0.00	394.32 5.31 0.00	218.48 3.95 0.00	47.06 1.12 0.00	45.77 1.09 0.00	50.12 1.13 0.00	42.43 0.88 0.00	35.88 0.63 0.00
WATSON__69_KV_BK 1 55734	29.13 1.87 0.00	36.60 2.34 -0.45	29.42 1.93 0.00	30.17 1.96 0.00	29.51 2.03 0.00	30.98 2.33 0.00	37.87 2.70 -5.08	44.37 2.76 -10.40	41.05 2.82 0.00	42.73 2.62 0.00	42.34 2.75 0.00	46.12 3.23 0.00	46.50 3.30 0.00	53.58 3.99 0.00	53.45 3.69 7.16	56.14 3.53 0.08	74.62 6.46 21.63	335.11 25.25 79.16	226.76 13.28 1.05	51.62 2.90 -2.78	54.62 2.92 -7.03	53.81 3.11 -1.72	44.65 3.09 0.00	39.40 2.43 -1.73
WDELAWARE__HYD 323627	27.70 0.43 0.00	34.07 0.35 0.09	27.79 0.30 0.00	28.51 0.30 0.00	27.85 0.37 0.00	29.11 0.46 0.00	30.43 0.59 0.24	29.82 0.76 2.15	38.99 0.75 0.00	40.84 0.73 0.00	40.41 0.82 0.00	43.87 0.98 0.00	44.22 1.02 0.00	50.96 1.37 0.00	58.54 1.62 0.00	54.35 1.66 0.00	92.97 3.17 0.00	402.32 13.30 0.00	221.74 7.22 0.00	54.02 1.54 -6.53	53.75 1.38 -7.69	52.27 1.40 -1.88	42.75 1.20 0.00	35.78 0.90 0.36
WEST BABYLON__IC 23714	29.11 1.84 0.00	36.56 2.30 -0.45	29.38 1.89 0.00	30.13 1.92 0.00	29.46 1.98 0.00	30.90 2.25 0.00	37.78 2.62 -5.08	44.31 2.70 -10.40	41.00 2.76 0.00	42.60 2.49 0.00	42.18 2.59 0.00	45.93 3.03 0.00	46.33 3.14 0.00	53.33 3.74 0.00	50.80 3.52 9.65	55.95 3.39 0.13	75.61 6.17 20.35	335.95 24.32 77.38	225.66 12.81 1.68	51.70 2.79 -2.97	54.47 2.76 -7.03	53.73 3.02 -1.72	44.62 3.06 0.00	39.40 2.42 -1.73

WEST CANADA___HYD 24049	27.38 0.11 0.00	33.96 0.15 0.00	27.62 0.13 0.00	28.36 0.15 0.00	27.65 0.16 0.00	28.82 0.17 0.00	30.28 0.19 0.00	31.38 0.16 0.00	38.37 0.14 0.00	40.23 0.13 0.00	39.76 0.17 0.00	43.16 0.27 0.00	43.47 0.27 0.00	49.90 0.31 0.00	57.26 0.34 0.00	53.03 0.34 0.00	90.43 0.64 0.00	391.77 2.76 0.00	216.15 1.62 0.00	46.36 0.42 0.00	45.07 0.39 0.00	49.40 0.41 0.00	41.92 0.37 0.00	35.52 0.27 0.00
WESTERN_NY_WIND 24143	29.07 1.80 0.00	35.59 1.78 0.00	28.64 1.15 0.00	29.28 1.07 0.00	28.52 1.03 0.00	29.37 0.72 0.00	30.48 0.39 0.00	31.34 0.12 0.00	39.22 0.99 0.00	41.53 1.43 0.00	41.82 2.23 0.00	45.73 2.84 0.00	46.67 3.47 0.00	54.23 4.64 0.00	62.06 5.14 0.00	57.52 4.82 0.00	98.42 8.63 0.00	424.48 35.47 0.00	233.59 19.06 0.00	50.24 4.30 0.00	48.42 3.75 0.00	52.96 3.97 0.00	45.26 3.71 0.00	38.52 3.27 0.00
WESTOVER___LESR 323668	27.73 0.46 0.00	34.28 0.47 0.00	27.83 0.34 0.00	28.62 0.41 0.00	27.88 0.39 0.00	29.05 0.40 0.00	30.53 0.44 0.00	31.65 0.43 0.00	39.22 0.81 -0.18	41.27 0.89 -0.27	40.61 0.99 -0.03	44.49 1.38 -0.21	44.80 1.37 -0.24	52.04 1.76 -0.69	60.15 2.02 -1.20	55.40 1.79 -0.91	94.93 3.51 -1.63	405.22 13.31 -2.89	223.94 6.58 -2.83	50.34 1.49 -2.90	49.26 1.33 -3.26	52.03 1.54 -1.49	43.06 1.36 -0.14	36.43 1.19 0.00
WETHRSFD_WT_PWR 323626	28.27 1.01 0.00	34.65 0.84 0.00	27.94 0.45 0.00	28.61 0.40 0.00	27.83 0.34 0.00	28.66 0.01 0.00	29.73 -0.36 0.00	30.67 -0.54 0.00	38.51 0.27 0.00	40.68 0.57 0.00	40.63 1.03 0.00	44.48 1.59 0.00	44.90 1.70 0.00	51.80 2.22 0.00	59.43 2.51 0.00	55.07 2.38 0.00	94.32 4.52 0.00	406.68 17.67 0.00	223.98 9.46 0.00	47.89 1.95 0.00	46.36 1.68 0.00	51.00 2.00 0.00	43.63 2.08 0.00	37.20 1.95 0.00
WHAVSTOR_138KV_BK127 55557	28.28 1.01 0.00	34.22 1.08 0.67	28.44 0.95 0.00	29.22 1.01 0.00	28.58 1.10 0.00	29.87 1.22 0.00	29.66 1.32 1.75	17.11 1.46 15.56	39.73 1.50 0.00	41.54 1.44 0.00	41.14 1.55 0.00	44.70 1.81 0.00	45.07 1.88 0.00	51.80 2.22 0.00	59.45 2.53 0.00	55.15 2.46 0.00	94.20 4.41 0.00	406.16 17.15 0.00	222.93 8.40 0.00	53.44 1.80 -5.69	53.03 1.65 -6.70	52.40 1.77 -1.64	43.21 1.66 0.00	34.06 1.39 2.58
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	28.28 1.01 0.00	34.22 1.08 0.67	28.44 0.95 0.00	29.22 1.01 0.00	28.58 1.10 0.00	29.87 1.22 0.00	29.66 1.32 1.75	17.11 1.46 15.56	39.73 1.50 0.00	41.54 1.44 0.00	41.14 1.55 0.00	44.70 1.81 0.00	45.07 1.88 0.00	51.80 2.22 0.00	59.45 2.53 0.00	55.15 2.46 0.00	94.20 4.41 0.00	406.16 17.15 0.00	222.93 8.40 0.00	53.44 1.80 -5.69	53.03 1.65 -6.70	52.40 1.77 -1.64	43.21 1.66 0.00	34.06 1.39 2.58
WHITEHAL_115KV_TB1 80871	29.99 2.73 0.00	37.36 3.48 -0.07	30.14 2.65 0.00	30.73 2.52 0.00	30.03 2.54 0.00	31.23 2.58 0.00	33.69 3.42 -0.18	36.39 3.56 -1.62	41.70 3.47 0.00	43.39 3.29 0.00	42.53 2.94 0.00	46.96 4.07 0.00	47.21 4.02 0.00	53.71 4.12 0.00	61.87 4.96 0.00	57.70 5.00 0.00	99.40 9.60 0.00	436.42 47.41 0.00	238.91 24.38 0.00	117.03 5.50 -65.60	127.13 5.23 -77.23	73.90 6.04 -18.86	46.40 4.84 0.00	39.59 4.08 -0.27
WHITEPLN_13_KV_LOAD 356215	28.86 1.60 0.00	36.07 1.78 -0.48	28.94 1.45 0.00	29.70 1.49 0.00	29.04 1.55 0.00	30.37 1.72 0.00	33.29 1.97 -1.23	44.43 2.22 -10.99	40.76 2.52 0.00	42.64 2.53 0.00	42.27 2.68 0.00	45.95 3.06 0.00	46.38 3.18 0.00	53.27 3.69 0.00	61.08 4.16 0.00	56.69 3.99 0.00	96.83 7.03 0.00	417.66 28.65 0.00	229.07 14.54 0.00	54.98 3.08 -5.96	54.55 2.86 -7.02	53.77 3.06 -1.71	44.30 2.75 0.00	39.34 2.27 -1.82
WM_FLOYD_69_KV_BK2 356380	28.52 1.26 0.00	35.92 1.65 -0.45	28.87 1.38 0.00	29.62 1.41 0.00	28.96 1.48 0.00	30.47 1.81 0.00	37.34 2.18 -5.08	43.77 2.16 -10.40	40.31 2.08 0.00	41.95 1.84 0.00	41.57 1.98 0.00	45.25 2.35 0.00	45.61 2.41 0.00	52.65 3.06 0.00	53.60 2.76 6.08	55.28 2.64 0.06	72.58 4.98 22.20	326.98 17.93 79.96	222.65 8.89 0.77	50.71 2.08 -2.69	53.79 2.08 -7.03	52.83 2.12 -1.72	43.69 2.13 0.00	38.59 1.62 -1.73
WOODARD__115KV_TB2 355635	27.24 -0.03 0.00	33.78 -0.03 0.00	27.42 -0.07 0.00	28.15 -0.07 0.00	27.43 -0.06 0.00	28.55 -0.10 0.00	29.92 -0.16 0.00	30.94 -0.27 0.00	38.39 -0.19 -0.35	40.53 -0.10 -0.53	39.74 0.08 -0.06	43.63 0.32 -0.42	44.11 0.45 -0.47	51.57 0.64 -1.34	60.07 0.81 -2.34	55.32 0.85 -1.78	94.58 1.62 -3.16	400.85 6.21 -5.63	222.89 2.85 -5.51	47.38 0.64 -0.80	45.89 0.57 -0.64	51.05 0.57 -1.49	42.30 0.47 -0.27	35.61 0.36 0.00
YORK___WARBASSE 23770	29.93 1.59 -1.07	36.01 1.75 -0.45	28.92 1.43 0.00	29.68 1.47 0.00	29.01 1.52 0.00	30.36 1.71 0.00	33.23 1.99 -1.16	43.79 2.27 -10.31	40.82 2.58 0.00	42.63 2.52 0.00	42.25 2.65 0.00	45.86 2.97 0.00	46.29 3.10 0.00	53.13 3.55 0.00	60.75 3.83 0.00	56.28 3.58 -0.01	95.95 6.15 0.00	412.62 23.61 0.00	226.52 11.99 0.00	63.25 2.62 -14.68	54.19 2.48 -7.04	53.44 2.73 -1.72	44.18 2.63 0.00	39.23 2.21 -1.77