

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$		--- Marginal Cost of Losses										--- Marginal Cost of Congestion										12/12/2024			
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	EST	28.42	34.82	37.94	34.18	40.12	42.03	46.70	54.53	42.30	35.28	79.66	55.02	57.53	58.65	94.84	96.77	123.46	114.35	95.63	83.04	81.27	81.45	81.52	61.91
		1.53	1.68	1.79	1.59	1.66	1.99	2.82	3.69	2.91	2.61	3.96	4.41	4.34	4.56	3.41	6.76	7.47	6.75	5.71	6.38	5.99	5.65	5.67	4.10
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-27.77	0.00	-5.01	-4.53	-46.85	-3.90	-30.44	-35.19	-29.77	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1 24260	EST	28.44	34.85	37.98	34.22	40.16	42.09	46.72	54.54	42.31	35.28	79.60	54.99	57.49	58.57	94.76	96.72	123.35	114.26	95.55	83.06	81.27	81.45	81.56	61.96
		1.55	1.70	1.83	1.63	1.70	2.04	2.84	3.70	2.91	2.61	3.95	4.38	4.31	4.49	3.41	6.72	7.42	6.71	5.67	6.41	5.99	5.65	5.71	4.14
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-27.72	0.00	-5.00	-4.52	-46.77	-3.90	-30.39	-35.14	-29.72	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2 24261	EST	28.44	34.85	37.98	34.22	40.16	42.09	46.72	54.54	42.31	35.28	79.60	54.99	57.49	58.57	94.76	96.72	123.35	114.26	95.55	83.06	81.27	81.45	81.56	61.96
		1.55	1.70	1.83	1.63	1.70	2.04	2.84	3.70	2.91	2.61	3.95	4.38	4.31	4.49	3.41	6.72	7.42	6.71	5.67	6.41	5.99	5.65	5.71	4.14
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-27.72	0.00	-5.00	-4.52	-46.77	-3.90	-30.39	-35.14	-29.72	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS 24011	EST	28.72	35.37	38.48	34.68	41.05	43.18	47.64	55.81	43.01	35.25	57.62	54.69	53.35	54.75	58.45	94.80	101.07	88.05	73.32	84.29	82.58	82.83	82.72	62.80
		1.83	2.23	2.33	2.09	2.59	3.13	3.76	4.97	3.61	2.58	3.83	4.08	4.11	4.17	3.78	7.80	8.72	7.75	6.50	7.63	7.30	7.03	6.87	4.99
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.86	0.00	-1.06	-1.01	-10.09	-0.90	-6.81	-7.89	-6.67	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY 23798	EST	28.87	35.54	38.64	34.83	41.27	43.47	47.96	56.31	43.38	35.50	57.89	55.04	53.72	55.04	58.68	95.51	101.93	88.77	73.92	84.97	83.19	83.47	83.34	63.25
		1.98	2.39	2.49	2.25	2.81	3.42	4.08	5.47	3.99	2.83	4.13	4.44	4.48	4.47	4.05	8.51	9.60	8.50	7.12	8.32	7.91	7.67	7.49	5.44
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.84	0.00	-1.06	-1.01	-10.06	-0.89	-6.78	-7.86	-6.65	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS 24028	EST	28.72	35.37	38.48	34.68	41.05	43.18	47.64	55.81	43.01	35.25	57.62	54.69	53.35	54.75	58.45	94.80	101.07	88.05	73.32	84.29	82.58	82.83	82.72	62.80
		1.83	2.23	2.33	2.09	2.59	3.13	3.76	4.97	3.61	2.58	3.83	4.08	4.11	4.17	3.78	7.80	8.72	7.75	6.50	7.63	7.30	7.03	6.87	4.99
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.86	0.00	-1.06	-1.01	-10.09	-0.90	-6.81	-7.89	-6.67	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM 23527	EST	28.37	34.98	38.04	34.20	40.39	42.40	46.69	54.45	41.94	34.55	58.04	53.77	52.84	54.04	59.95	92.84	100.02	87.73	73.15	82.15	80.90	81.31	81.48	61.98
		1.48	1.83	1.89	1.61	1.93	2.35	2.81	3.62	2.54	1.89	2.84	3.16	3.34	3.22	2.82	5.63	6.02	5.52	4.71	5.50	5.62	5.51	5.62	4.17
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.28	0.00	-1.32	-1.26	-12.56	-1.12	-8.46	-9.80	-8.28	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP 24190	EST	27.09	33.42	36.39	32.77	38.63	40.33	44.35	51.62	39.85	33.06	55.08	52.03	50.72	52.06	56.13	88.87	94.77	82.66	68.88	78.68	77.25	77.61	77.63	59.30
		0.20	0.27	0.24	0.18	0.17	0.28	0.47	0.78	0.45	0.39	1.13	1.43	1.45	1.45	1.24	1.85	2.27	2.20	1.92	2.03	1.97	1.82	1.78	1.49
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.02	0.00	-1.09	-1.04	-10.32	-0.92	-6.96	-8.06	-6.80	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK 355683	EST	26.85	33.12	36.19	32.65	38.62	40.18	43.83	50.63	39.32	32.54	43.93	45.95	43.55	44.69	40.24	78.99	78.13	65.53	54.04	73.81	70.70	74.72	75.48	57.72
		-0.04	-0.02	0.04	0.07	0.16	0.14	-0.05	-0.20	-0.08	-0.13	-0.01	-0.14	-0.26	-0.43	-0.19	-0.36	-0.74	-1.04	-1.03	-0.89	-0.87	-0.64	-0.37	-0.09
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.99	4.52	4.37	4.44	4.15	6.75	6.67	5.84	5.08	1.96	3.71	0.44	0.00	0.00
ALBANY_1_SOLAR 323833	EST	27.70	34.20	37.29	33.59	39.61	41.32	45.44	52.78	40.63	33.45	54.60	52.56	50.87	52.12	54.93	90.22	95.23	82.70	68.83	79.99	78.55	78.95	78.97	60.28
		0.81	1.05	1.14	1.00	1.15	1.27	1.56	1.95	1.24	0.78	1.45	1.95	1.75	1.67	1.74	3.36	3.88	3.57	3.04	3.34	3.27	3.16	3.11	2.47
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.22	0.00	-0.95	-0.89	-8.61	-0.76	-5.81	-6.72	-5.63	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR 323834	EST	27.69	34.19	37.29	33.58	39.59	41.29	45.43	52.77	40.62	33.44	54.60	52.53	50.86	52.12	54.93	90.17	95.22	82.68	68.81	79.96	78.54	78.91	78.96	60.26
		0.80	1.05	1.14	0.99	1.14	1.25	1.55	1.94	1.23	0.77	1.45	1.93	1.74	1.66	1.73	3.30	3.87	3.54	3.02	3.31	3.26	3.11	3.10	2.45
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.23	0.00	-0.95	-0.90	-8.62	-0.77	-5.81	-6.73	-5.64	0.00	0.00	0.00	0.00	0.00
ALBANY___1 23571	EST	27.09	33.42	36.39	32.77	38.63	40.33	44.35	51.62	39.85	33.06	55.08	52.03	50.72	52.06	56.13	88.87	94.77	82.66	68.88	78.68	77.25	77.61	77.63	59.30
		0.20	0.27	0.24	0.18	0.17	0.28	0.47	0.78	0.45	0.39	1.13	1.43	1.45	1.45	1.24	1.85	2.27	2.20	1.92	2.03	1.97	1.82	1.78	1.49
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.02	0.00	-1.09	-1.04	-10.32	-0.92	-6.96	-8.06	-6.80	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	27.09 0.20 0.00	33.42 0.27 0.00	36.39 0.24 0.00	32.77 0.18 0.00	38.63 0.17 0.00	40.33 0.28 0.00	44.35 0.47 0.00	51.62 0.78 0.00	39.85 0.45 0.00	33.06 0.39 0.00	55.08 1.13 -6.02	52.03 1.43 0.00	50.72 1.45 -1.09	52.06 1.45 -1.04	56.13 1.24 -10.32	88.87 1.85 -0.92	94.77 2.27 -6.96	82.66 2.20 -8.06	68.88 1.92 -6.80	78.68 2.03 0.00	77.25 1.97 0.00	77.61 1.82 0.00	77.63 1.78 0.00	59.30 1.49 0.00
ALBANY___3 23573	27.09 0.20 0.00	33.42 0.27 0.00	36.39 0.24 0.00	32.77 0.18 0.00	38.63 0.17 0.00	40.33 0.28 0.00	44.35 0.47 0.00	51.62 0.78 0.00	39.85 0.45 0.00	33.06 0.39 0.00	55.08 1.13 -6.02	52.03 1.43 0.00	50.72 1.45 -1.09	52.06 1.45 -1.04	56.13 1.24 -10.32	88.87 1.85 -0.92	94.77 2.27 -6.96	82.66 2.20 -8.06	68.88 1.92 -6.80	78.68 2.03 0.00	77.25 1.97 0.00	77.61 1.82 0.00	77.63 1.78 0.00	59.30 1.49 0.00
ALBANY___4 23574	27.09 0.20 0.00	33.42 0.27 0.00	36.39 0.24 0.00	32.77 0.18 0.00	38.63 0.17 0.00	40.33 0.28 0.00	44.35 0.47 0.00	51.62 0.78 0.00	39.85 0.45 0.00	33.06 0.39 0.00	55.08 1.13 -6.02	52.03 1.43 0.00	50.72 1.45 -1.09	52.06 1.45 -1.04	56.13 1.24 -10.32	88.87 1.85 -0.92	94.77 2.27 -6.96	82.66 2.20 -8.06	68.88 1.92 -6.80	78.68 2.03 0.00	77.25 1.97 0.00	77.61 1.82 0.00	77.63 1.78 0.00	59.30 1.49 0.00
ALBANY___LFGE 323615	27.36 0.47 0.00	33.74 0.60 0.00	36.75 0.60 0.00	33.10 0.51 0.00	39.03 0.57 0.00	40.78 0.73 0.00	44.86 0.98 0.00	52.20 1.36 0.00	40.30 0.90 0.00	33.43 0.76 0.00	55.43 1.60 -5.90	52.52 1.91 0.00	51.13 1.88 -1.07	52.56 1.97 -1.02	56.40 1.69 -10.14	89.82 2.82 -0.90	95.64 3.24 -6.85	83.38 3.05 -7.92	69.46 2.62 -6.69	79.54 2.89 0.00	78.06 2.78 0.00	78.41 2.62 0.00	78.40 2.55 0.00	59.83 2.02 0.00
ALCOA_PA_115KV_PL-6C 55860	26.94 0.04 0.00	33.23 0.08 0.00	36.30 0.15 0.00	32.76 0.17 0.00	38.75 0.29 0.00	40.31 0.26 0.00	43.97 0.09 0.00	50.77 -0.06 0.00	39.44 0.04 0.00	32.64 -0.03 0.00	44.09 0.15 3.99	46.11 0.02 4.52	43.70 -0.11 4.37	44.85 -0.27 4.44	40.39 -0.04 4.15	79.28 -0.08 6.75	78.42 -0.45 6.67	65.76 -0.81 5.84	54.24 -0.84 5.08	74.05 -0.64 1.96	70.94 -0.63 3.71	74.95 -0.41 0.44	75.72 -0.13 0.00	57.90 0.09 0.00
ALCOA_RYNLDS___DRP 24188	26.94 0.04 0.00	33.23 0.08 0.00	36.30 0.15 0.00	32.76 0.17 0.00	38.75 0.29 0.00	40.31 0.26 0.00	43.97 0.09 0.00	50.77 -0.06 0.00	39.44 0.04 0.00	32.64 -0.03 0.00	44.09 0.15 3.99	46.11 0.02 4.52	43.70 -0.11 4.37	44.85 -0.27 4.44	40.39 -0.04 4.15	79.28 -0.08 6.75	78.42 -0.45 6.67	65.76 -0.81 5.84	54.24 -0.84 5.08	74.05 -0.64 1.96	70.94 -0.63 3.71	74.95 -0.41 0.44	75.72 -0.13 0.00	57.90 0.09 0.00
ALCOA___DSASP 323711	26.94 0.04 0.00	33.23 0.08 0.00	36.31 0.15 0.00	32.76 0.17 0.00	38.75 0.29 0.00	40.31 0.27 0.00	43.97 0.09 0.00	50.77 -0.06 0.00	39.44 0.04 0.00	32.64 -0.03 0.00	44.08 0.14 3.99	46.11 0.02 4.52	43.70 -0.11 4.37	44.85 -0.27 4.44	40.40 -0.03 4.15	79.28 -0.08 6.75	78.42 -0.45 6.67	65.76 -0.80 5.84	54.24 -0.84 5.08	74.05 -0.64 1.96	70.94 -0.64 3.71	74.95 -0.41 0.44	75.72 -0.13 0.00	57.90 0.09 0.00
ALLEGHENY___COGEN 23514	26.92 0.03 0.00	33.14 -0.01 0.00	36.14 -0.01 0.00	32.65 0.06 0.00	38.78 0.32 0.00	40.41 0.36 0.00	44.11 0.23 0.00	54.13 -0.27 -3.56	39.41 -0.07 -0.09	32.17 -0.51 -0.01	52.75 -2.63 -7.45	47.39 -3.65 -0.44	45.03 -3.00 0.16	44.18 -2.78 2.61	40.67 -2.45 1.46	80.61 -4.04 1.44	81.68 -2.07 1.80	69.57 -0.80 2.04	58.38 -0.23 1.54	75.71 -0.94 0.00	74.06 -1.22 0.00	74.19 -1.60 0.00	74.71 -1.14 0.00	57.13 -0.68 0.00
ALTAMONT_115KV_TB 2 55880	27.41 0.51 0.00	33.82 0.67 0.00	36.85 0.70 0.00	33.19 0.60 0.00	39.12 0.67 0.00	40.81 0.76 0.00	44.87 0.99 0.00	52.19 1.36 0.00	40.33 0.93 0.00	33.41 0.74 0.00	55.07 1.28 -5.87	52.10 1.50 0.00	50.75 1.51 -1.06	52.14 1.57 -1.01	55.98 1.32 -10.08	89.41 2.42 -0.90	95.10 2.76 -6.80	82.87 2.58 -7.87	69.05 2.25 -6.65	79.14 2.49 0.00	77.73 2.44 0.00	78.11 2.31 0.00	78.15 2.30 0.00	59.55 1.74 0.00
ALTONA_WT_PWR 323606	1.04 -1.03 24.82	-13.00 -1.27 44.87	10.68 -1.24 24.24	13.61 -1.01 17.96	37.63 -0.83 0.00	39.25 -0.80 0.00	42.76 -1.12 0.00	49.24 -1.59 0.00	38.33 -1.07 0.00	31.40 -1.27 0.00	-15.33 -1.56 61.70	-21.13 -1.85 69.88	-21.13 -1.78 67.54	-21.18 -2.03 68.71	-21.16 -1.57 64.16	-21.18 -2.96 104.33	-21.18 -3.51 103.21	-21.18 -3.22 90.36	-21.18 -2.83 78.50	43.35 -3.00 30.30	15.35 -2.66 57.27	66.91 -2.16 6.73	75.68 -0.18 0.00	58.14 0.34 0.00
AMERICAN_REF_FUEL 24010	25.20 -1.69 0.00	31.12 -2.03 0.00	34.01 -2.14 0.00	30.77 -1.82 0.00	36.59 -1.87 0.00	37.91 -2.14 0.00	40.48 -3.40 0.00	44.67 -5.29 0.88	35.68 -3.69 0.02	29.97 -2.69 0.00	40.88 -5.11 1.95	44.92 -5.58 0.11	42.39 -5.18 0.61	34.39 -5.33 9.85	36.86 -4.48 3.24	73.08 -8.33 4.69	75.87 -8.12 1.56	63.71 -6.92 1.78	53.14 -5.67 1.34	68.32 -8.33 0.00	66.80 -8.48 0.00	67.19 -8.60 0.00	68.66 -7.19 0.00	52.85 -4.96 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	25.25 -1.65 0.00	31.18 -1.96 0.00	34.01 -2.14 0.00	30.72 -1.87 0.00	36.59 -1.87 0.00	38.00 -2.05 0.00	40.92 -2.96 0.00	45.34 -4.60 0.90	36.13 -3.24 0.02	30.32 -2.34 0.00	41.43 -4.56 1.94	45.42 -4.69 0.49	43.35 -4.27 0.56	36.42 -4.29 8.86	37.96 -3.54 3.08	75.28 -6.51 4.31	77.40 -6.39 1.75	65.45 -4.97 1.99	54.68 -3.97 1.50	70.78 -5.87 0.00	69.53 -5.75 0.00	70.04 -5.76 0.00	71.38 -4.47 0.00	54.69 -3.12 0.00
ARTHUR KILL_GT_1 23520	28.37 1.48 0.00	34.77 1.63 0.00	37.88 1.73 0.00	34.14 1.56 0.00	40.05 1.60 0.00	42.01 1.97 0.00	46.67 2.79 0.00	54.31 3.47 0.00	42.12 2.72 0.00	35.09 2.42 0.00	79.18 3.53 -27.72	54.47 3.86 0.00	56.96 3.78 -5.00	58.05 3.97 -4.52	94.19 2.84 -46.77	95.83 5.84 -3.90	122.69 6.76 -30.39	113.82 6.27 -35.14	95.14 5.27 -29.72	82.60 5.95 0.00	80.74 5.46 0.00	80.95 5.15 0.00	81.16 5.30 0.00	61.67 3.86 0.00
ARTHUR_KILL_2 23512	28.29 1.40 0.00	34.68 1.53 0.00	37.77 1.62 0.00	34.05 1.46 0.00	39.93 1.48 0.00	41.88 1.84 0.00	46.51 2.62 0.00	54.15 3.31 0.00	42.00 2.60 0.00	35.01 2.34 0.00	79.05 3.40 -27.72	54.34 3.73 0.00	56.85 3.67 -5.00	57.95 3.87 -4.52	94.06 2.71 -46.77	95.58 5.58 -3.90	122.39 6.46 -30.39	113.55 6.00 -35.14	94.90 5.03 -29.72	82.29 5.65 0.00	80.46 5.18 0.00	80.68 4.88 0.00	80.89 5.04 0.00	61.47 3.66 0.00
ARTHUR_KILL_3 23513	28.23 1.34 0.00	34.58 1.44 0.00	37.68 1.53 0.00	33.96 1.37 0.00	39.84 1.38 0.00	41.75 1.70 0.00	46.34 2.46 0.00	54.05 3.21 0.00	41.94 2.54 0.00	34.95 2.28 0.00	79.03 3.37 -27.74	54.37 3.76 0.00	56.90 3.72 -5.01	58.00 3.92 -4.52	94.20 2.82 -46.80	95.65 5.65 -3.90	122.27 6.32 -30.40	113.33 5.76 -35.16	94.74 4.86 -29.73	82.01 5.36 0.00	80.27 4.99 0.00	80.47 4.67 0.00	80.60 4.75 0.00	61.25 3.44 0.00

ARTHUR_KILL_COGEN 323718	28.37 1.48 0.00	34.77 1.63 0.00	37.88 1.73 0.00	34.14 1.56 0.00	40.05 1.60 0.00	42.01 1.97 0.00	46.67 2.79 0.00	54.31 3.47 0.00	42.12 2.72 0.00	35.09 2.42 0.00	79.18 3.53 -27.72	54.47 3.86 0.00	56.96 3.78 -5.00	58.05 3.97 -4.52	94.19 2.84 -46.77	95.83 5.84 -3.90	122.69 6.76 -30.39	113.82 6.27 -35.14	95.14 5.27 -29.72	82.60 5.95 0.00	80.74 5.46 0.00	80.95 5.15 0.00	81.16 5.30 0.00	61.67 3.86 0.00
ASHOKAN____ 23654	28.62 1.72 0.00	35.17 2.02 0.00	38.28 2.12 0.00	34.53 1.94 0.00	40.71 2.26 0.00	42.71 2.67 0.00	47.38 3.49 0.00	55.36 4.52 0.00	42.77 3.38 0.00	35.26 2.59 0.00	51.99 4.06 0.00	54.70 4.10 0.00	52.04 3.87 0.01	53.54 4.16 0.18	48.40 3.86 0.03	94.50 8.39 0.00	95.69 10.14 0.00	81.79 9.38 0.00	68.00 7.85 0.00	85.18 8.53 0.00	83.36 8.08 0.00	83.52 7.72 0.00	83.21 7.36 0.00	63.15 5.34 0.00
ASTORIA_EAST_ENERGY_CC1 323581	28.32 1.43 0.00	34.77 1.63 0.00	37.84 1.69 0.00	34.09 1.50 0.00	39.89 1.43 0.00	41.85 1.81 0.00	46.46 2.58 0.00	54.30 3.46 0.00	42.02 2.62 0.00	35.08 2.42 0.00	79.35 3.70 -27.72	54.55 3.95 0.00	57.03 3.84 -5.00	58.15 4.07 -4.52	94.32 2.96 -46.77	95.75 5.76 -3.90	122.55 6.61 -30.39	113.67 6.12 -35.14	94.98 5.11 -29.72	82.60 5.96 0.00	80.78 5.50 0.00	80.95 5.15 0.00	81.18 5.33 0.00	61.60 3.79 0.00
ASTORIA_EAST_ENERGY_CC2 323582	28.32 1.43 0.00	34.77 1.62 0.00	37.84 1.69 0.00	34.09 1.50 0.00	39.89 1.43 0.00	41.85 1.81 0.00	46.46 2.58 0.00	54.30 3.46 0.00	42.02 2.62 0.00	35.08 2.42 0.00	79.33 3.68 -27.72	54.54 3.94 0.00	57.02 3.83 -5.00	58.13 4.05 -4.52	94.32 2.96 -46.77	95.77 5.77 -3.90	122.56 6.62 -30.39	113.68 6.13 -35.14	94.99 5.11 -29.72	82.62 5.97 0.00	80.78 5.50 0.00	80.99 5.19 0.00	81.20 5.34 0.00	61.61 3.80 0.00
ASTORIA_GT2_1 24094	28.33 1.44 0.00	34.78 1.63 0.00	37.86 1.70 0.00	34.10 1.52 0.00	39.91 1.45 0.00	41.87 1.83 0.00	46.50 2.62 0.00	54.34 3.51 0.00	42.05 2.65 0.00	35.10 2.43 0.00	79.36 3.71 -27.72	54.56 3.96 0.00	57.04 3.86 -5.00	58.11 4.03 -4.52	94.34 2.99 -46.77	95.78 5.79 -3.90	122.59 6.66 -30.39	113.71 6.16 -35.14	95.00 5.13 -29.72	82.66 6.01 0.00	80.81 5.53 0.00	81.01 5.21 0.00	81.23 5.38 0.00	61.63 3.82 0.00
ASTORIA_GT2_2 24095	28.33 1.44 0.00	34.78 1.63 0.00	37.86 1.70 0.00	34.10 1.52 0.00	39.91 1.45 0.00	41.87 1.83 0.00	46.50 2.62 0.00	54.34 3.51 0.00	42.05 2.65 0.00	35.10 2.43 0.00	79.36 3.71 -27.72	54.56 3.96 0.00	57.04 3.86 -5.00	58.11 4.03 -4.52	94.34 2.99 -46.77	95.78 5.79 -3.90	122.59 6.66 -30.39	113.71 6.16 -35.14	95.00 5.13 -29.72	82.66 6.01 0.00	80.81 5.53 0.00	81.01 5.21 0.00	81.23 5.38 0.00	61.63 3.82 0.00
ASTORIA_GT2_3 24096	28.33 1.44 0.00	34.78 1.63 0.00	37.86 1.70 0.00	34.10 1.52 0.00	39.91 1.45 0.00	41.87 1.83 0.00	46.50 2.62 0.00	54.34 3.51 0.00	42.05 2.65 0.00	35.10 2.43 0.00	79.36 3.71 -27.72	54.56 3.96 0.00	57.04 3.86 -5.00	58.11 4.03 -4.52	94.34 2.99 -46.77	95.78 5.79 -3.90	122.59 6.66 -30.39	113.71 6.16 -35.14	95.00 5.13 -29.72	82.66 6.01 0.00	80.81 5.53 0.00	81.01 5.21 0.00	81.23 5.38 0.00	61.63 3.82 0.00
ASTORIA_GT2_4 24097	28.33 1.44 0.00	34.78 1.63 0.00	37.86 1.70 0.00	34.10 1.52 0.00	39.91 1.45 0.00	41.87 1.83 0.00	46.50 2.62 0.00	54.34 3.51 0.00	42.05 2.65 0.00	35.10 2.43 0.00	79.36 3.71 -27.72	54.56 3.96 0.00	57.04 3.86 -5.00	58.11 4.03 -4.52	94.34 2.99 -46.77	95.78 5.79 -3.90	122.59 6.66 -30.39	113.71 6.16 -35.14	95.00 5.13 -29.72	82.66 6.01 0.00	80.81 5.53 0.00	81.01 5.21 0.00	81.23 5.38 0.00	61.63 3.82 0.00
ASTORIA_GT3_1 24098	28.33 1.44 0.00	34.78 1.63 0.00	37.86 1.70 0.00	34.10 1.52 0.00	39.91 1.45 0.00	41.87 1.83 0.00	46.50 2.62 0.00	54.34 3.51 0.00	42.05 2.65 0.00	35.10 2.43 0.00	79.36 3.71 -27.72	54.56 3.96 0.00	57.04 3.86 -5.00	58.11 4.03 -4.52	94.34 2.99 -46.77	95.78 5.79 -3.90	122.59 6.66 -30.39	113.71 6.16 -35.14	95.00 5.13 -29.72	82.66 6.01 0.00	80.81 5.53 0.00	81.01 5.21 0.00	81.23 5.38 0.00	61.63 3.82 0.00
ASTORIA_GT3_2 24099	28.33 1.44 0.00	34.78 1.63 0.00	37.86 1.70 0.00	34.10 1.52 0.00	39.91 1.45 0.00	41.87 1.83 0.00	46.50 2.62 0.00	54.34 3.51 0.00	42.05 2.65 0.00	35.10 2.43 0.00	79.36 3.71 -27.72	54.56 3.96 0.00	57.04 3.86 -5.00	58.11 4.03 -4.52	94.34 2.99 -46.77	95.78 5.79 -3.90	122.59 6.66 -30.39	113.71 6.16 -35.14	95.00 5.13 -29.72	82.66 6.01 0.00	80.81 5.53 0.00	81.01 5.21 0.00	81.23 5.38 0.00	61.63 3.82 0.00
ASTORIA_GT3_3 24100	28.33 1.44 0.00	34.78 1.63 0.00	37.86 1.70 0.00	34.10 1.52 0.00	39.91 1.45 0.00	41.87 1.83 0.00	46.50 2.62 0.00	54.34 3.51 0.00	42.05 2.65 0.00	35.10 2.43 0.00	79.36 3.71 -27.72	54.56 3.96 0.00	57.04 3.86 -5.00	58.11 4.03 -4.52	94.34 2.99 -46.77	95.78 5.79 -3.90	122.59 6.66 -30.39	113.71 6.16 -35.14	95.00 5.13 -29.72	82.66 6.01 0.00	80.81 5.53 0.00	81.01 5.21 0.00	81.23 5.38 0.00	61.63 3.82 0.00
ASTORIA_GT3_4 24101	28.33 1.44 0.00	34.78 1.63 0.00	37.86 1.70 0.00	34.10 1.52 0.00	39.91 1.45 0.00	41.87 1.83 0.00	46.50 2.62 0.00	54.34 3.51 0.00	42.05 2.65 0.00	35.10 2.43 0.00	79.36 3.71 -27.72	54.56 3.96 0.00	57.04 3.86 -5.00	58.11 4.03 -4.52	94.34 2.99 -46.77	95.78 5.79 -3.90	122.59 6.66 -30.39	113.71 6.16 -35.14	95.00 5.13 -29.72	82.66 6.01 0.00	80.81 5.53 0.00	81.01 5.21 0.00	81.23 5.38 0.00	61.63 3.82 0.00
ASTORIA_GT4_1 24102	28.33 1.44 0.00	34.78 1.63 0.00	37.86 1.70 0.00	34.10 1.52 0.00	39.91 1.45 0.00	41.87 1.83 0.00	46.50 2.62 0.00	54.34 3.51 0.00	42.05 2.65 0.00	35.10 2.43 0.00	79.36 3.71 -27.72	54.56 3.96 0.00	57.04 3.86 -5.00	58.11 4.03 -4.52	94.34 2.99 -46.77	95.78 5.79 -3.90	122.59 6.66 -30.39	113.71 6.16 -35.14	95.00 5.13 -29.72	82.66 6.01 0.00	80.81 5.53 0.00	81.01 5.21 0.00	81.23 5.38 0.00	61.63 3.82 0.00
ASTORIA_GT4_2 24103	28.33 1.44 0.00	34.78 1.63 0.00	37.86 1.70 0.00	34.10 1.52 0.00	39.91 1.45 0.00	41.87 1.83 0.00	46.50 2.62 0.00	54.34 3.51 0.00	42.05 2.65 0.00	35.10 2.43 0.00	79.36 3.71 -27.72	54.56 3.96 0.00	57.04 3.86 -5.00	58.11 4.03 -4.52	94.34 2.99 -46.77	95.78 5.79 -3.90	122.59 6.66 -30.39	113.71 6.16 -35.14	95.00 5.13 -29.72	82.66 6.01 0.00	80.81 5.53 0.00	81.01 5.21 0.00	81.23 5.38 0.00	61.63 3.82 0.00
ASTORIA_GT4_3 24104	28.33 1.44 0.00	34.78 1.63 0.00	37.86 1.70 0.00	34.10 1.52 0.00	39.91 1.45 0.00	41.87 1.83 0.00	46.50 2.62 0.00	54.34 3.51 0.00	42.05 2.65 0.00	35.10 2.43 0.00	79.36 3.71 -27.72	54.56 3.96 0.00	57.04 3.86 -5.00	58.11 4.03 -4.52	94.34 2.99 -46.77	95.78 5.79 -3.90	122.59 6.66 -30.39	113.71 6.16 -35.14	95.00 5.13 -29.72	82.66 6.01 0.00	80.81 5.53 0.00	81.01 5.21 0.00	81.23 5.38 0.00	61.63 3.82 0.00

ASTORIA_GT4_4 24105	28.33 1.44 0.00	34.78 1.63 0.00	37.86 1.70 0.00	34.10 1.52 0.00	39.91 1.45 0.00	41.87 1.83 0.00	46.50 2.62 0.00	54.34 3.51 0.00	42.05 2.65 0.00	35.10 2.43 0.00	79.36 3.71 -27.72	54.56 3.96 0.00	57.04 3.86 -5.00	58.11 4.03 -4.52	94.34 2.99 -46.77	95.78 5.79 -3.90	122.59 6.66 -30.39	113.71 6.16 -35.14	95.00 5.13 -29.72	82.66 6.01 0.00	80.81 5.53 0.00	81.01 5.21 0.00	81.23 5.38 0.00	61.63 3.82 0.00
ASTORIA_GT_1 23523	28.36 1.47 0.00	34.83 1.69 0.00	37.91 1.76 0.00	34.15 1.57 0.00	39.96 1.51 0.00	41.94 1.90 0.00	46.58 2.70 0.00	54.45 3.61 0.00	42.13 2.73 0.00	35.18 2.51 0.00	79.46 3.81 -27.72	54.67 4.06 0.00	57.15 3.96 -5.00	58.27 4.19 -4.52	94.43 3.09 -46.77	95.98 5.98 -3.90	122.78 6.85 -30.39	113.88 6.33 -35.14	95.15 5.28 -29.72	82.82 6.17 0.00	80.97 5.69 0.00	81.17 5.37 0.00	81.38 5.52 0.00	61.75 3.94 0.00
ASTORIA_GT_10 24110	28.29 1.39 0.00	34.70 1.55 0.00	37.80 1.64 0.00	34.05 1.46 0.00	39.92 1.46 0.00	41.82 1.78 0.00	46.43 2.55 0.00	54.22 3.39 0.00	42.04 2.64 0.00	35.06 2.39 0.00	79.31 3.66 -27.72	54.67 4.07 0.00	57.16 3.98 -5.00	58.24 4.16 -4.52	94.43 3.08 -46.77	96.09 6.10 -3.90	122.73 6.80 -30.39	113.75 6.21 -35.14	95.14 5.27 -29.72	82.60 5.95 0.00	80.79 5.51 0.00	80.97 5.17 0.00	81.11 5.26 0.00	61.60 3.79 0.00
ASTORIA_GT_11 24225	28.29 1.39 0.00	34.70 1.55 0.00	37.80 1.64 0.00	34.05 1.46 0.00	39.92 1.46 0.00	41.82 1.78 0.00	46.43 2.55 0.00	54.22 3.39 0.00	42.04 2.64 0.00	35.06 2.39 0.00	79.31 3.66 -27.72	54.67 4.07 0.00	57.16 3.98 -5.00	58.24 4.16 -4.52	94.43 3.08 -46.77	96.09 6.10 -3.90	122.73 6.80 -30.39	113.75 6.21 -35.14	95.14 5.27 -29.72	82.60 5.95 0.00	80.79 5.51 0.00	80.97 5.17 0.00	81.11 5.26 0.00	61.60 3.79 0.00
ASTORIA_GT_12 24226	28.29 1.39 0.00	34.70 1.55 0.00	37.80 1.64 0.00	34.05 1.46 0.00	39.92 1.46 0.00	41.82 1.78 0.00	46.43 2.55 0.00	54.22 3.39 0.00	42.04 2.64 0.00	35.06 2.39 0.00	79.31 3.66 -27.72	54.67 4.07 0.00	57.16 3.98 -5.00	58.24 4.16 -4.52	94.43 3.08 -46.77	96.09 6.10 -3.90	122.73 6.80 -30.39	113.75 6.21 -35.14	95.14 5.27 -29.72	82.60 5.95 0.00	80.79 5.51 0.00	80.97 5.17 0.00	81.11 5.26 0.00	61.60 3.79 0.00
ASTORIA_GT_13 24227	28.29 1.39 0.00	34.70 1.55 0.00	37.80 1.64 0.00	34.05 1.46 0.00	39.92 1.46 0.00	41.82 1.78 0.00	46.43 2.55 0.00	54.22 3.39 0.00	42.04 2.64 0.00	35.06 2.39 0.00	79.31 3.66 -27.72	54.67 4.07 0.00	57.16 3.98 -5.00	58.24 4.16 -4.52	94.43 3.08 -46.77	96.09 6.10 -3.90	122.73 6.80 -30.39	113.75 6.21 -35.14	95.14 5.27 -29.72	82.60 5.95 0.00	80.79 5.51 0.00	80.97 5.17 0.00	81.11 5.26 0.00	61.60 3.79 0.00
ASTORIA_GT_5 24106	28.37 1.47 0.00	34.83 1.69 0.00	37.91 1.76 0.00	34.15 1.57 0.00	39.96 1.51 0.00	41.94 1.90 0.00	46.58 2.70 0.00	54.45 3.61 0.00	42.13 2.73 0.00	35.17 2.51 0.00	79.46 3.81 -27.72	54.67 4.06 0.00	57.15 3.96 -5.00	58.23 4.15 -4.52	94.44 3.09 -46.77	95.98 5.98 -3.90	122.78 6.85 -30.39	113.88 6.33 -35.14	95.15 5.28 -29.72	82.82 6.17 0.00	80.97 5.69 0.00	81.17 5.37 0.00	81.38 5.53 0.00	61.74 3.93 0.00
ASTORIA_GT_7 24107	28.37 1.47 0.00	34.83 1.69 0.00	37.91 1.76 0.00	34.15 1.57 0.00	39.96 1.51 0.00	41.94 1.90 0.00	46.58 2.70 0.00	54.45 3.61 0.00	42.13 2.73 0.00	35.17 2.51 0.00	79.46 3.81 -27.72	54.67 4.06 0.00	57.15 3.96 -5.00	58.23 4.15 -4.52	94.44 3.09 -46.77	95.98 5.98 -3.90	122.78 6.85 -30.39	113.88 6.33 -35.14	95.15 5.28 -29.72	82.82 6.17 0.00	80.97 5.69 0.00	81.17 5.37 0.00	81.38 5.53 0.00	61.74 3.93 0.00
ASTORIA_GT_8 24108	28.37 1.47 0.00	34.83 1.69 0.00	37.91 1.76 0.00	34.15 1.57 0.00	39.96 1.51 0.00	41.94 1.90 0.00	46.58 2.70 0.00	54.45 3.61 0.00	42.13 2.73 0.00	35.17 2.51 0.00	79.46 3.81 -27.72	54.67 4.06 0.00	57.15 3.96 -5.00	58.23 4.15 -4.52	94.44 3.09 -46.77	95.98 5.98 -3.90	122.78 6.85 -30.39	113.88 6.33 -35.14	95.15 5.28 -29.72	82.82 6.17 0.00	80.97 5.69 0.00	81.17 5.37 0.00	81.38 5.53 0.00	61.74 3.93 0.00
ASTORIA___2 24149	28.33 1.44 0.00	34.78 1.63 0.00	37.86 1.70 0.00	34.11 1.52 0.00	39.91 1.45 0.00	41.87 1.83 0.00	46.50 2.61 0.00	54.34 3.51 0.00	42.05 2.65 0.00	35.10 2.44 0.00	79.36 3.71 -27.72	54.57 3.96 0.00	57.04 3.86 -5.00	58.16 4.08 -4.52	94.35 3.00 -46.77	95.78 5.79 -3.90	122.59 6.66 -30.39	113.70 6.16 -35.14	95.01 5.13 -29.72	82.66 6.01 0.00	80.81 5.53 0.00	81.01 5.21 0.00	81.23 5.37 0.00	61.63 3.82 0.00
ASTORIA___3 23516	28.33 1.44 0.00	34.78 1.63 0.00	37.80 1.64 0.00	34.05 1.46 0.00	39.92 1.46 0.00	41.82 1.78 0.00	46.43 2.55 0.00	54.22 3.39 0.00	42.04 2.64 0.00	35.06 2.39 0.00	79.31 3.66 -27.72	54.67 4.06 0.00	57.16 3.97 -5.00	58.27 4.19 -4.52	94.42 3.07 -46.77	96.08 6.08 -3.90	122.73 6.80 -30.39	113.75 6.20 -35.14	95.14 5.26 -29.72	82.59 5.95 0.00	80.78 5.49 0.00	80.94 5.15 0.00	81.10 5.24 0.00	61.59 3.78 0.00
ASTORIA___4 23517	28.33 1.44 0.00	34.78 1.63 0.00	37.80 1.64 0.00	34.05 1.46 0.00	39.92 1.46 0.00	41.82 1.78 0.00	46.43 2.55 0.00	54.22 3.39 0.00	42.04 2.64 0.00	35.06 2.39 0.00	79.30 3.65 -27.72	54.67 4.07 0.00	57.16 3.97 -5.00	58.24 4.16 -4.52	94.43 3.08 -46.77	96.07 6.08 -3.90	122.72 6.79 -30.39	113.75 6.21 -35.14	95.13 5.26 -29.72	82.59 5.94 0.00	80.77 5.49 0.00	80.94 5.15 0.00	81.10 5.25 0.00	61.59 3.78 0.00
ASTORIA___5 23518	28.29 1.39 0.00	34.70 1.55 0.00	37.80 1.64 0.00	34.05 1.46 0.00	39.92 1.46 0.00	41.82 1.78 0.00	46.43 2.55 0.00	54.22 3.39 0.00	42.04 2.64 0.00	35.06 2.39 0.00	79.31 3.66 -27.72	54.67 4.06 0.00	57.16 3.97 -5.00	58.27 4.19 -4.52	94.42 3.07 -46.77	96.08 6.08 -3.90	122.73 6.79 -30.39	113.75 6.20 -35.14	95.14 5.26 -29.72	82.59 5.95 0.00	80.78 5.49 0.00	80.94 5.15 0.00	81.10 5.24 0.00	61.59 3.78 0.00
AST_ENERGY_2_CC3 323677	28.21 1.32 0.00	34.58 1.43 0.00	37.67 1.52 0.00	33.95 1.36 0.00	39.78 1.32 0.00	41.63 1.59 0.00	46.24 2.36 0.00	53.94 3.11 0.00	41.84 2.44 0.00	34.91 2.24 0.00	79.11 3.45 -27.74	54.49 3.88 0.00	57.00 3.81 -5.01	58.10 4.01 -4.52	94.29 2.91 -46.80	95.77 5.77 -3.90	122.36 6.41 -30.40	113.34 5.78 -35.16	94.78 4.90 -29.73	82.10 5.44 0.00	80.35 5.07 0.00	80.60 4.81 0.00	80.81 4.96 0.00	61.41 3.60 0.00
AST_ENERGY_2_CC4 323678	28.21 1.32 0.00	34.58 1.43 0.00	37.67 1.52 0.00	33.95 1.36 0.00	39.78 1.32 0.00	41.63 1.59 0.00	46.24 2.36 0.00	53.94 3.11 0.00	41.84 2.44 0.00	34.91 2.24 0.00	79.11 3.45 -27.74	54.49 3.88 0.00	57.00 3.81 -5.01	58.10 4.01 -4.52	94.29 2.91 -46.80	95.77 5.77 -3.90	122.36 6.41 -30.40	113.34 5.78 -35.16	94.78 4.90 -29.73	82.10 5.44 0.00	80.35 5.07 0.00	80.60 4.81 0.00	80.81 4.96 0.00	61.41 3.60 0.00

ATHENS_STG_1 23668	27.61 0.72 0.00	34.06 0.91 0.00	37.11 0.96 0.00	33.42 0.83 0.00	39.36 0.90 0.00	41.03 0.99 0.00	45.24 1.36 0.00	52.66 1.82 0.00	40.73 1.33 0.00	33.81 1.14 0.00	59.71 1.80 -9.98	52.66 2.05 0.00	52.04 2.06 -1.79	53.44 2.15 -1.73	63.53 1.68 -17.27	90.84 3.20 -1.54	100.77 3.58 -11.65	89.21 3.33 -13.48	74.45 2.91 -11.38	79.82 3.17 0.00	78.38 3.09 0.00	78.72 2.93 0.00	78.82 2.96 0.00	59.99 2.18 0.00
ATHENS_STG_2 23670	27.61 0.72 0.00	34.06 0.91 0.00	37.11 0.96 0.00	33.42 0.83 0.00	39.36 0.90 0.00	41.03 0.99 0.00	45.24 1.36 0.00	52.66 1.82 0.00	40.73 1.33 0.00	33.81 1.14 0.00	59.71 1.80 -9.98	52.66 2.05 0.00	52.04 2.06 -1.79	53.44 2.15 -1.73	63.53 1.68 -17.27	90.84 3.20 -1.54	100.77 3.58 -11.65	89.21 3.33 -13.48	74.45 2.91 -11.38	79.82 3.17 0.00	78.38 3.09 0.00	78.72 2.93 0.00	78.82 2.96 0.00	59.99 2.18 0.00
ATHENS_STG_3 23677	27.61 0.72 0.00	34.06 0.91 0.00	37.11 0.96 0.00	33.42 0.83 0.00	39.36 0.90 0.00	41.03 0.99 0.00	45.24 1.36 0.00	52.66 1.82 0.00	40.73 1.33 0.00	33.81 1.14 0.00	59.71 1.80 -9.98	52.66 2.05 0.00	52.04 2.06 -1.79	53.44 2.15 -1.73	63.53 1.68 -17.27	90.84 3.20 -1.54	100.77 3.58 -11.65	89.21 3.33 -13.48	74.45 2.91 -11.38	79.82 3.17 0.00	78.38 3.09 0.00	78.72 2.93 0.00	78.82 2.96 0.00	59.99 2.18 0.00
AUBURN___LFGE 323710	26.89 -0.01 0.00	33.04 -0.11 0.00	36.04 -0.11 0.00	32.63 0.04 0.00	38.57 0.11 0.00	40.11 0.07 0.00	43.96 0.07 0.00	50.77 -0.07 0.00	39.42 0.02 0.00	32.79 0.12 0.00	47.43 -0.50 0.00	50.07 -0.53 0.00	47.80 -0.38 0.00	49.24 -0.28 0.05	43.81 -0.23 0.54	85.74 -0.20 0.16	84.64 0.34 1.24	71.53 0.64 1.53	59.52 0.47 1.10	77.18 0.52 0.00	75.68 0.40 0.00	75.95 0.16 0.00	76.12 0.26 0.00	57.93 0.12 0.00
BABYLON_RES_REC 323704	28.60 1.70 0.00	34.92 1.78 0.00	38.01 1.86 0.00	34.23 1.65 0.00	40.25 1.79 0.00	42.31 2.26 0.00	46.91 3.03 0.00	54.87 4.04 0.00	42.05 2.65 0.00	35.04 2.37 0.00	79.50 3.90 -27.68	54.77 4.16 0.00	57.27 4.09 -4.99	58.49 4.41 -4.51	94.35 3.07 -46.70	95.97 5.97 -3.89	122.80 6.92 -30.34	113.96 6.47 -35.09	95.82 6.00 -29.68	83.66 7.01 0.00	81.94 6.66 0.00	82.11 6.31 0.00	82.71 6.85 0.00	62.59 4.78 0.00
BABYLON__69_KV_BK2 356345	28.87 1.98 0.00	35.24 2.10 0.00	38.35 2.19 0.00	34.55 1.96 0.00	40.63 2.17 0.00	42.73 2.68 0.00	47.41 3.52 0.00	55.44 4.60 0.00	42.45 3.05 0.00	35.36 2.69 0.00	80.01 4.41 -27.68	55.29 4.69 0.00	57.76 4.59 -4.99	58.98 4.90 -4.51	95.02 3.75 -46.70	97.55 7.56 -3.89	124.48 8.59 -30.34	115.56 8.07 -35.09	97.18 7.35 -29.68	85.44 8.79 0.00	83.67 8.39 0.00	83.64 7.84 0.00	83.71 7.86 0.00	63.32 5.51 0.00
BALL_HILL_WT_PWR 323825	25.78 -1.11 0.00	31.83 -1.32 0.00	34.75 -1.41 0.00	31.42 -1.17 0.00	37.37 -1.08 0.00	38.75 -1.30 0.00	41.69 -2.19 0.00	45.90 -3.75 1.19	36.78 -2.59 0.03	30.87 -1.80 0.00	41.57 -3.81 2.55	46.48 -3.92 0.21	44.03 -3.56 0.59	36.62 -3.55 9.39	38.40 -2.99 3.19	76.20 -5.36 4.54	78.54 -5.32 1.68	66.18 -4.32 1.91	55.28 -3.43 1.44	71.56 -5.09 0.00	70.11 -5.17 0.00	70.52 -5.28 0.00	71.74 -4.11 0.00	55.01 -2.80 0.00
BARON_WINDS___WT_PWR 323822	25.42 -1.48 0.00	31.30 -1.85 0.00	34.10 -2.05 0.00	30.74 -1.85 0.00	36.47 -1.99 0.00	37.81 -2.24 0.00	41.34 -2.54 0.00	41.34 -3.61 5.89	36.58 -2.68 0.15	30.40 -2.25 0.02	31.38 -4.18 12.37	45.64 -4.23 0.73	44.05 -3.83 0.30	41.14 -3.59 4.83	39.25 -3.04 2.28	78.35 -5.23 2.52	78.31 -4.88 2.36	66.24 -3.50 2.67	55.70 -2.43 2.02	73.42 -3.24 0.00	72.19 -3.09 0.00	72.43 -3.36 0.00	73.23 -2.63 0.00	56.12 -1.69 0.00
BARRETT_IC_1 23704	28.41 1.52 0.00	34.76 1.61 0.00	37.84 1.69 0.00	34.07 1.48 0.00	39.98 1.53 0.00	41.95 1.91 0.00	46.46 2.58 0.00	54.26 3.42 0.00	41.73 2.33 0.00	34.80 2.13 0.00	79.03 3.42 -27.68	54.41 3.80 0.00	56.94 3.77 -4.99	58.09 4.01 -4.51	94.05 2.77 -46.70	95.50 5.50 -3.89	122.33 6.44 -30.34	113.68 6.18 -35.09	95.25 5.42 -29.68	83.00 6.35 0.00	81.40 6.12 0.00	81.53 5.74 0.00	81.52 5.66 0.00	61.81 4.01 0.00
BARRETT_IC_10 23701	28.41 1.52 0.00	34.76 1.61 0.00	37.84 1.69 0.00	34.07 1.48 0.00	39.98 1.53 0.00	41.95 1.91 0.00	46.46 2.58 0.00	54.26 3.42 0.00	41.73 2.33 0.00	34.80 2.13 0.00	79.03 3.42 -27.68	54.41 3.80 0.00	56.94 3.77 -4.99	58.09 4.01 -4.51	94.05 2.77 -46.70	95.50 5.50 -3.89	122.33 6.44 -30.34	113.68 6.18 -35.09	95.25 5.42 -29.68	83.00 6.35 0.00	81.40 6.12 0.00	81.53 5.74 0.00	81.52 5.66 0.00	61.81 4.01 0.00
BARRETT_IC_11 23702	28.41 1.52 0.00	34.76 1.61 0.00	37.84 1.69 0.00	34.07 1.48 0.00	39.98 1.53 0.00	41.95 1.91 0.00	46.46 2.58 0.00	54.26 3.42 0.00	41.73 2.33 0.00	34.80 2.13 0.00	79.03 3.42 -27.68	54.41 3.80 0.00	56.94 3.77 -4.99	58.09 4.01 -4.51	94.05 2.77 -46.70	95.50 5.50 -3.89	122.33 6.44 -30.34	113.68 6.18 -35.09	95.25 5.42 -29.68	83.00 6.35 0.00	81.40 6.12 0.00	81.53 5.74 0.00	81.52 5.66 0.00	61.81 4.01 0.00
BARRETT_IC_12 23703	28.41 1.52 0.00	34.76 1.61 0.00	37.84 1.69 0.00	34.07 1.48 0.00	39.98 1.53 0.00	41.95 1.91 0.00	46.46 2.58 0.00	54.26 3.42 0.00	41.73 2.33 0.00	34.80 2.13 0.00	79.03 3.42 -27.68	54.41 3.80 0.00	56.94 3.77 -4.99	58.09 4.01 -4.51	94.05 2.77 -46.70	95.50 5.50 -3.89	122.33 6.44 -30.34	113.68 6.18 -35.09	95.25 5.42 -29.68	83.00 6.35 0.00	81.40 6.12 0.00	81.53 5.74 0.00	81.52 5.66 0.00	61.81 4.01 0.00
BARRETT_IC_2 23705	28.41 1.52 0.00	34.76 1.61 0.00	37.84 1.69 0.00	34.07 1.48 0.00	39.98 1.53 0.00	41.95 1.91 0.00	46.46 2.58 0.00	54.26 3.42 0.00	41.73 2.33 0.00	34.80 2.13 0.00	79.03 3.42 -27.68	54.41 3.80 0.00	56.94 3.77 -4.99	58.09 4.01 -4.51	94.05 2.77 -46.70	95.50 5.50 -3.89	122.33 6.44 -30.34	113.68 6.18 -35.09	95.25 5.42 -29.68	83.00 6.35 0.00	81.40 6.12 0.00	81.53 5.74 0.00	81.52 5.66 0.00	61.81 4.01 0.00
BARRETT_IC_3 23706	28.41 1.52 0.00	34.76 1.61 0.00	37.84 1.69 0.00	34.07 1.48 0.00	39.98 1.53 0.00	41.95 1.91 0.00	46.46 2.58 0.00	54.26 3.42 0.00	41.73 2.33 0.00	34.80 2.13 0.00	79.03 3.42 -27.68	54.41 3.80 0.00	56.94 3.77 -4.99	58.09 4.01 -4.51	94.05 2.77 -46.70	95.50 5.50 -3.89	122.33 6.44 -30.34	113.68 6.18 -35.09	95.25 5.42 -29.68	83.00 6.35 0.00	81.40 6.12 0.00	81.53 5.74 0.00	81.52 5.66 0.00	61.81 4.01 0.00
BARRETT_IC_4 23707	28.41 1.52 0.00	34.76 1.61 0.00	37.84 1.69 0.00	34.07 1.48 0.00	39.98 1.53 0.00	41.95 1.91 0.00	46.46 2.58 0.00	54.26 3.42 0.00	41.73 2.33 0.00	34.80 2.13 0.00	79.03 3.42 -27.68	54.41 3.80 0.00	56.94 3.77 -4.99	58.09 4.01 -4.51	94.05 2.77 -46.70	95.50 5.50 -3.89	122.33 6.44 -30.34	113.68 6.18 -35.09	95.25 5.42 -29.68	83.00 6.35 0.00	81.40 6.12 0.00	81.53 5.74 0.00	81.52 5.66 0.00	61.81 4.01 0.00

BARRETT_IC_5 23708	28.41 1.52 0.00	34.76 1.61 0.00	37.84 1.69 0.00	34.07 1.48 0.00	39.98 1.53 0.00	41.95 1.91 0.00	46.46 2.58 0.00	54.26 3.42 0.00	41.73 2.33 0.00	34.80 2.13 0.00	79.03 3.42 -27.68	54.41 3.80 0.00	56.94 3.77 -4.99	58.09 4.01 -4.51	94.05 2.77 -46.70	95.50 5.50 -3.89	122.33 6.44 -30.34	113.68 6.18 -35.09	95.25 5.42 -29.68	83.00 6.35 0.00	81.40 6.12 0.00	81.53 5.74 0.00	81.52 5.66 0.00	61.81 4.01 0.00
BARRETT_IC_6 23709	28.41 1.52 0.00	34.76 1.61 0.00	37.84 1.69 0.00	34.07 1.48 0.00	39.98 1.53 0.00	41.95 1.91 0.00	46.46 2.58 0.00	54.26 3.42 0.00	41.73 2.33 0.00	34.80 2.13 0.00	79.03 3.42 -27.68	54.41 3.80 0.00	56.94 3.77 -4.99	58.09 4.01 -4.51	94.05 2.77 -46.70	95.50 5.50 -3.89	122.33 6.44 -30.34	113.68 6.18 -35.09	95.25 5.42 -29.68	83.00 6.35 0.00	81.40 6.12 0.00	81.53 5.74 0.00	81.52 5.66 0.00	61.81 4.01 0.00
BARRETT_IC_7 23710	28.41 1.52 0.00	34.76 1.61 0.00	37.84 1.69 0.00	34.07 1.48 0.00	39.99 1.53 0.00	41.95 1.91 0.00	46.46 2.58 0.00	54.26 3.43 0.00	41.73 2.33 0.00	34.80 2.13 0.00	79.03 3.43 -27.68	54.41 3.80 0.00	56.93 3.76 -4.99	58.04 3.97 -4.51	94.05 2.78 -46.70	95.50 5.50 -3.89	122.33 6.44 -30.34	113.67 6.18 -35.09	95.25 5.42 -29.68	83.00 6.35 0.00	81.40 6.11 0.00	81.53 5.74 0.00	81.52 5.67 0.00	61.82 4.01 0.00
BARRETT_IC_8 23711	28.41 1.52 0.00	34.76 1.61 0.00	37.84 1.69 0.00	34.07 1.48 0.00	39.98 1.53 0.00	41.95 1.91 0.00	46.46 2.58 0.00	54.26 3.42 0.00	41.73 2.33 0.00	34.80 2.13 0.00	79.03 3.42 -27.68	54.41 3.80 0.00	56.94 3.77 -4.99	58.09 4.01 -4.51	94.05 2.77 -46.70	95.50 5.50 -3.89	122.33 6.44 -30.34	113.68 6.18 -35.09	95.25 5.42 -29.68	83.00 6.35 0.00	81.40 6.12 0.00	81.53 5.74 0.00	81.52 5.66 0.00	61.81 4.01 0.00
BARRETT_IC_9 23700	28.41 1.52 0.00	34.76 1.61 0.00	37.84 1.69 0.00	34.07 1.48 0.00	39.98 1.53 0.00	41.95 1.91 0.00	46.46 2.58 0.00	54.26 3.42 0.00	41.73 2.33 0.00	34.80 2.13 0.00	79.03 3.42 -27.68	54.41 3.80 0.00	56.94 3.77 -4.99	58.09 4.01 -4.51	94.05 2.77 -46.70	95.50 5.50 -3.89	122.33 6.44 -30.34	113.68 6.18 -35.09	95.25 5.42 -29.68	83.00 6.35 0.00	81.40 6.12 0.00	81.53 5.74 0.00	81.52 5.66 0.00	61.81 4.01 0.00
BARRETT___1 23545	28.41 1.52 0.00	34.76 1.61 0.00	37.84 1.69 0.00	34.07 1.48 0.00	39.98 1.53 0.00	41.95 1.91 0.00	46.46 2.58 0.00	54.26 3.42 0.00	41.73 2.33 0.00	34.80 2.13 0.00	79.03 3.42 -27.68	54.41 3.80 0.00	56.94 3.77 -4.99	58.09 4.01 -4.51	94.05 2.77 -46.70	95.50 5.50 -3.89	122.33 6.44 -30.34	113.68 6.18 -35.09	95.25 5.42 -29.68	83.00 6.35 0.00	81.40 6.12 0.00	81.53 5.74 0.00	81.52 5.66 0.00	61.81 4.01 0.00
BARRETT___2 23546	28.41 1.52 0.00	34.76 1.61 0.00	37.84 1.69 0.00	34.07 1.48 0.00	39.98 1.53 0.00	41.95 1.91 0.00	46.46 2.58 0.00	54.26 3.42 0.00	41.73 2.33 0.00	34.80 2.13 0.00	79.03 3.42 -27.68	54.41 3.80 0.00	56.94 3.77 -4.99	58.09 4.01 -4.51	94.05 2.77 -46.70	95.50 5.50 -3.89	122.33 6.44 -30.34	113.68 6.18 -35.09	95.25 5.42 -29.68	83.00 6.35 0.00	81.40 6.12 0.00	81.53 5.74 0.00	81.52 5.66 0.00	61.81 4.01 0.00
BATAVIA__115KV_TB1 55881	26.54 -0.35 0.00	32.73 -0.42 0.00	35.75 -0.40 0.00	32.34 -0.25 0.00	38.45 0.00 0.00	39.97 -0.07 0.00	43.15 -0.74 0.00	48.40 -1.84 0.60	38.37 -1.02 0.02	32.13 -0.53 0.00	44.69 -1.89 1.34	48.43 -2.10 0.08	45.84 -2.00 0.34	42.10 -1.77 5.68	41.15 -1.37 2.06	81.06 -2.40 2.64	82.10 -2.03 1.42	69.20 -1.59 1.62	57.65 -1.29 1.21	74.05 -2.60 0.00	72.35 -2.93 0.00	72.53 -3.27 0.00	73.41 -2.44 0.00	56.07 -1.74 0.00
BAYONEEC___CTG1 323682	28.28 1.39 0.00	34.66 1.51 0.00	37.76 1.61 0.00	34.02 1.43 0.00	39.91 1.45 0.00	41.82 1.78 0.00	46.42 2.54 0.00	54.17 3.33 0.00	42.02 2.63 0.00	35.03 2.36 0.00	79.22 3.56 -27.74	54.58 3.98 0.00	57.11 3.92 -5.01	58.21 4.12 -4.52	94.12 3.00 -46.54	92.36 5.96 -0.30	113.07 6.62 -20.90	102.30 6.04 -23.85	85.63 5.11 -20.36	74.88 5.68 7.46	74.43 5.31 6.15	76.84 5.00 3.96	80.94 5.08 0.00	61.51 3.70 0.00
BAYONEEC___CTG10 323750	28.28 1.39 0.00	34.66 1.51 0.00	37.76 1.61 0.00	34.02 1.43 0.00	39.91 1.45 0.00	41.82 1.78 0.00	46.42 2.54 0.00	54.17 3.33 0.00	42.02 2.63 0.00	35.03 2.36 0.00	79.22 3.56 -27.74	54.58 3.98 0.00	57.11 3.92 -5.01	58.21 4.12 -4.52	94.12 3.00 -46.54	92.36 5.96 -0.30	113.07 6.62 -20.90	102.30 6.04 -23.85	85.63 5.11 -20.36	74.88 5.68 7.46	74.43 5.31 6.15	76.84 5.00 3.96	80.94 5.08 0.00	61.51 3.70 0.00
BAYONEEC___CTG2 323683	28.28 1.39 0.00	34.66 1.51 0.00	37.76 1.61 0.00	34.02 1.43 0.00	39.91 1.45 0.00	41.82 1.78 0.00	46.42 2.54 0.00	54.17 3.33 0.00	42.02 2.63 0.00	35.03 2.36 0.00	79.22 3.56 -27.74	54.58 3.98 0.00	57.11 3.92 -5.01	58.21 4.12 -4.52	94.12 3.00 -46.54	92.36 5.96 -0.30	113.07 6.62 -20.90	102.30 6.04 -23.85	85.63 5.11 -20.36	74.88 5.68 7.46	74.43 5.31 6.15	76.84 5.00 3.96	80.94 5.08 0.00	61.51 3.70 0.00
BAYONEEC___CTG3 323684	28.28 1.39 0.00	34.66 1.51 0.00	37.76 1.61 0.00	34.02 1.43 0.00	39.91 1.45 0.00	41.82 1.78 0.00	46.42 2.54 0.00	54.17 3.33 0.00	42.02 2.63 0.00	35.03 2.36 0.00	79.22 3.56 -27.74	54.58 3.98 0.00	57.11 3.92 -5.01	58.21 4.12 -4.52	94.12 3.00 -46.54	92.36 5.96 -0.30	113.07 6.62 -20.90	102.30 6.04 -23.85	85.63 5.11 -20.36	74.88 5.68 7.46	74.43 5.31 6.15	76.84 5.00 3.96	80.94 5.08 0.00	61.51 3.70 0.00
BAYONEEC___CTG4 323685	28.28 1.39 0.00	34.66 1.51 0.00	37.76 1.61 0.00	34.02 1.43 0.00	39.91 1.45 0.00	41.82 1.78 0.00	46.42 2.54 0.00	54.17 3.33 0.00	42.02 2.63 0.00	35.03 2.36 0.00	79.22 3.56 -27.74	54.58 3.98 0.00	57.11 3.92 -5.01	58.21 4.12 -4.52	94.12 3.00 -46.54	92.36 5.96 -0.30	113.07 6.62 -20.90	102.30 6.04 -23.85	85.63 5.11 -20.36	74.88 5.68 7.46	74.43 5.31 6.15	76.84 5.00 3.96	80.94 5.08 0.00	61.51 3.70 0.00
BAYONEEC___CTG5 323686	28.28 1.39 0.00	34.66 1.51 0.00	37.76 1.61 0.00	34.02 1.43 0.00	39.91 1.45 0.00	41.82 1.78 0.00	46.42 2.54 0.00	54.17 3.33 0.00	42.02 2.63 0.00	35.03 2.36 0.00	79.22 3.56 -27.74	54.58 3.98 0.00	57.11 3.92 -5.01	58.21 4.12 -4.52	94.12 3.00 -46.54	92.36 5.96 -0.30	113.07 6.62 -20.90	102.30 6.04 -23.85	85.63 5.11 -20.36	74.88 5.68 7.46	74.43 5.31 6.15	76.84 5.00 3.96	80.94 5.08 0.00	61.51 3.70 0.00
BAYONEEC___CTG6 323687	28.28 1.39 0.00	34.66 1.51 0.00	37.76 1.61 0.00	34.02 1.43 0.00	39.91 1.45 0.00	41.82 1.78 0.00	46.42 2.54 0.00	54.17 3.33 0.00	42.02 2.63 0.00	35.03 2.36 0.00	79.22 3.56 -27.74	54.58 3.98 0.00	57.11 3.92 -5.01	58.21 4.12 -4.52	94.12 3.00 -46.54	92.36 5.96 -0.30	113.07 6.62 -20.90	102.30 6.04 -23.85	85.63 5.11 -20.36	74.88 5.68 7.46	74.43 5.31 6.15	76.84 5.00 3.96	80.94 5.08 0.00	61.51 3.70 0.00

BAYONEEC___CTG7 323688	28.28 1.39 0.00	34.66 1.51 0.00	37.76 1.61 0.00	34.02 1.43 0.00	39.91 1.45 0.00	41.82 1.78 0.00	46.42 2.54 0.00	54.17 3.33 0.00	42.02 2.63 0.00	35.03 2.36 0.00	79.22 3.56 -27.74	54.58 3.98 0.00	57.11 3.92 -5.01	58.21 4.12 -4.52	94.12 3.00 -46.54	92.36 5.96 -0.30	113.07 6.62 -20.90	102.30 6.04 -23.85	85.63 5.11 -20.36	74.88 5.68 7.46	74.43 5.31 6.15	76.84 5.00 3.96	80.94 5.08 0.00	61.51 3.70 0.00
BAYONEEC___CTG8 323689	28.28 1.39 0.00	34.66 1.51 0.00	37.76 1.61 0.00	34.02 1.43 0.00	39.91 1.45 0.00	41.82 1.78 0.00	46.42 2.54 0.00	54.17 3.33 0.00	42.02 2.63 0.00	35.03 2.36 0.00	79.22 3.56 -27.74	54.58 3.98 0.00	57.11 3.92 -5.01	58.21 4.12 -4.52	94.12 3.00 -46.54	92.36 5.96 -0.30	113.07 6.62 -20.90	102.30 6.04 -23.85	85.63 5.11 -20.36	74.88 5.68 7.46	74.43 5.31 6.15	76.84 5.00 3.96	80.94 5.08 0.00	61.51 3.70 0.00
BAYONEEC___CTG9 323749	28.28 1.39 0.00	34.66 1.51 0.00	37.76 1.61 0.00	34.02 1.43 0.00	39.91 1.45 0.00	41.82 1.78 0.00	46.42 2.54 0.00	54.17 3.33 0.00	42.02 2.63 0.00	35.03 2.36 0.00	79.22 3.56 -27.74	54.58 3.98 0.00	57.11 3.92 -5.01	58.21 4.12 -4.52	94.12 3.00 -46.54	92.36 5.96 -0.30	113.07 6.62 -20.90	102.30 6.04 -23.85	85.63 5.11 -20.36	74.88 5.68 7.46	74.43 5.31 6.15	76.84 5.00 3.96	80.94 5.08 0.00	61.51 3.70 0.00
BEACON___LESR 323632	27.59 0.70 0.00	34.01 0.86 0.00	37.01 0.86 0.00	33.32 0.73 0.00	39.34 0.88 0.00	41.13 1.09 0.00	45.39 1.51 0.00	52.73 1.89 0.00	40.60 1.21 0.00	33.67 1.00 0.00	55.94 1.96 -6.05	52.85 2.24 0.00	51.38 2.10 -1.10	52.84 2.23 -1.05	56.93 1.98 -10.37	90.37 3.35 -0.92	96.55 4.02 -6.99	84.38 3.88 -8.10	70.22 3.23 -6.83	80.47 3.82 0.00	78.85 3.56 0.00	79.17 3.37 0.00	79.15 3.29 0.00	60.27 2.46 0.00
BEAVER RIVER___HYD 24048	25.25 -1.64 0.00	31.24 -1.91 0.00	34.55 -1.61 0.00	30.68 -1.91 0.00	36.15 -2.31 0.00	37.38 -2.66 0.00	41.07 -2.81 0.00	47.66 -3.17 0.00	37.25 -2.15 0.00	31.04 -1.63 0.00	62.12 -1.47 -15.66	66.77 -1.57 -17.74	63.71 -1.62 -17.15	65.23 -1.77 -17.44	59.45 -1.40 -16.27	110.07 -2.49 -26.46	108.67 -3.05 -26.18	93.82 -1.51 -22.92	78.21 -1.85 -19.91	82.96 -1.38 -7.69	89.42 -0.41 -14.54	77.62 0.11 -1.71	77.39 1.54 0.00	59.14 1.33 0.00
BEEBEE_GT_13 23619	26.21 -0.68 0.00	32.31 -0.84 0.00	35.26 -0.89 0.00	31.87 -0.72 0.00	37.81 -0.65 0.00	39.31 -0.73 0.00	42.66 -1.22 0.00	48.75 -2.08 0.00	38.06 -1.34 0.00	31.81 -0.86 0.00	45.87 -2.05 0.00	48.42 -2.20 0.00	46.19 -2.06 -0.06	48.62 -1.75 -0.81	42.78 -1.49 0.31	83.56 -2.73 -0.19	81.61 -2.72 1.21	68.97 -2.24 1.20	58.28 -1.87 0.00	73.75 -2.90 0.00	72.18 -3.10 0.00	72.49 -3.31 0.00	73.11 -2.75 0.00	55.81 -2.00 0.00
BENSHRST_27_KV_BENSHRST_1 355998	28.53 1.64 0.00	34.96 1.82 0.00	38.07 1.92 0.00	34.31 1.72 0.00	40.24 1.78 0.00	42.20 2.16 0.00	46.90 3.02 0.00	54.70 3.86 0.00	42.44 3.04 0.00	35.39 2.72 0.00	79.70 4.05 -27.72	55.05 4.45 0.00	57.54 4.36 -5.00	58.62 4.54 -4.52	94.73 3.38 -46.77	96.73 6.73 -3.90	123.45 7.52 -30.39	114.43 6.88 -35.14	95.68 5.80 -29.72	83.26 6.61 0.00	81.41 6.13 0.00	81.59 5.79 0.00	81.73 5.87 0.00	62.06 4.25 0.00
BETHLEHEM___GRP 23843	27.09 0.20 0.00	33.42 0.27 0.00	36.39 0.24 0.00	32.77 0.18 0.00	38.63 0.17 0.00	40.33 0.28 0.00	44.35 0.47 0.00	51.62 0.78 0.00	39.85 0.45 0.00	33.06 0.39 0.00	55.08 1.13 -6.02	52.03 1.43 0.00	50.72 1.45 -1.09	52.06 1.45 -1.04	56.13 1.24 -10.32	88.87 1.85 -0.92	94.77 2.27 -6.96	82.66 2.20 -8.06	68.88 1.92 -6.80	78.68 2.03 0.00	77.25 1.97 0.00	77.61 1.82 0.00	77.63 1.78 0.00	59.30 1.49 0.00
BETHLEHEM___GS1 323560	27.09 0.20 0.00	33.42 0.27 0.00	36.39 0.24 0.00	32.77 0.18 0.00	38.63 0.17 0.00	40.33 0.29 0.00	44.35 0.47 0.00	51.62 0.78 0.00	39.85 0.45 0.00	33.06 0.39 0.00	55.08 1.14 -6.02	52.03 1.43 0.00	50.72 1.45 -1.09	52.09 1.48 -1.04	56.13 1.23 -10.32	88.88 1.86 -0.92	94.77 2.27 -6.96	82.66 2.20 -8.06	68.88 1.92 -6.80	78.68 2.03 0.00	77.26 1.97 0.00	77.62 1.82 0.00	77.63 1.78 0.00	59.30 1.49 0.00
BETHLEHEM___GS2 323561	27.09 0.20 0.00	33.42 0.27 0.00	36.39 0.24 0.00	32.77 0.18 0.00	38.63 0.17 0.00	40.33 0.29 0.00	44.35 0.47 0.00	51.62 0.78 0.00	39.85 0.45 0.00	33.06 0.39 0.00	55.08 1.14 -6.02	52.03 1.43 0.00	50.72 1.45 -1.09	52.09 1.48 -1.04	56.13 1.23 -10.32	88.88 1.86 -0.92	94.77 2.27 -6.96	82.66 2.20 -8.06	68.88 1.92 -6.80	78.68 2.03 0.00	77.26 1.97 0.00	77.62 1.82 0.00	77.63 1.78 0.00	59.30 1.49 0.00
BETHLEHEM___GS3 323562	27.09 0.20 0.00	33.42 0.27 0.00	36.39 0.24 0.00	32.77 0.18 0.00	38.63 0.17 0.00	40.33 0.29 0.00	44.35 0.47 0.00	51.62 0.78 0.00	39.85 0.45 0.00	33.06 0.39 0.00	55.08 1.14 -6.02	52.03 1.43 0.00	50.72 1.45 -1.09	52.09 1.48 -1.04	56.13 1.23 -10.32	88.88 1.86 -0.92	94.77 2.27 -6.96	82.66 2.20 -8.06	68.88 1.92 -6.80	78.68 2.03 0.00	77.26 1.97 0.00	77.62 1.82 0.00	77.63 1.78 0.00	59.30 1.49 0.00
BETHLEHEM___STEEL 23779	26.07 -0.82 0.00	32.19 -0.95 0.00	35.15 -1.01 0.00	31.77 -0.81 0.00	37.79 -0.67 0.00	39.15 -0.90 0.00	42.10 -1.78 0.00	46.41 -3.30 1.12	37.11 -2.26 0.03	31.13 -1.54 0.00	42.06 -3.45 2.41	46.93 -3.53 0.14	44.42 -3.18 0.58	37.37 -2.85 9.34	38.86 -2.56 3.17	76.85 -4.75 4.50	79.09 -4.78 1.67	66.52 -3.99 1.90	55.53 -3.19 1.44	71.94 -4.72 0.00	70.42 -4.87 0.00	70.79 -5.00 0.00	72.04 -3.82 0.00	55.24 -2.57 0.00
BETHLHEM_115KV_TB1 79974	27.16 0.27 0.00	33.49 0.35 0.00	36.50 0.35 0.00	32.86 0.27 0.00	38.72 0.26 0.00	40.41 0.37 0.00	44.45 0.57 0.00	51.72 0.89 0.00	39.95 0.55 0.00	33.14 0.47 0.00	55.11 1.18 -6.00	52.06 1.46 0.00	50.72 1.46 -1.09	52.07 1.47 -1.04	56.12 1.25 -10.29	88.97 1.95 -0.92	94.85 2.37 -6.94	82.72 2.27 -8.04	68.93 1.99 -6.79	78.77 2.12 0.00	77.34 2.06 0.00	77.71 1.91 0.00	77.74 1.88 0.00	59.35 1.54 0.00
BETHPAGE_CC_5 323564	28.46 1.56 0.00	34.78 1.63 0.00	37.85 1.69 0.00	34.10 1.51 0.00	40.07 1.61 0.00	42.09 2.04 0.00	46.62 2.74 0.00	54.47 3.63 0.00	41.85 2.45 0.00	34.87 2.20 0.00	79.18 3.58 -27.68	54.51 3.90 0.00	57.02 3.84 -4.99	58.21 4.13 -4.51	94.30 3.03 -46.70	96.01 6.02 -3.89	122.96 7.07 -30.34	114.26 6.77 -35.09	95.83 6.01 -29.68	83.64 6.99 0.00	81.90 6.62 0.00	81.97 6.17 0.00	81.99 6.14 0.00	62.11 4.30 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	26.26 -0.64 0.00	32.42 -0.73 0.00	35.39 -0.76 0.00	32.00 -0.58 0.00	38.05 -0.41 0.00	39.43 -0.62 0.00	42.43 -1.45 0.00	46.87 -2.90 1.06	37.38 -2.00 0.03	31.35 -1.31 0.00	42.51 -3.14 2.28	47.31 -3.16 0.13	44.78 -2.83 0.58	37.89 -2.49 9.18	39.20 -2.24 3.13	77.54 -4.13 4.44	79.68 -4.17 1.69	67.02 -3.46 1.93	55.96 -2.74 1.45	72.54 -4.11 0.00	70.98 -4.30 0.00	71.37 -4.43 0.00	72.58 -3.28 0.00	55.64 -2.17 0.00

BINGHAMTON___COGEN 23790	26.79 -0.11 0.00	32.97 -0.18 0.00	35.98 -0.17 0.00	32.44 -0.14 0.00	38.32 -0.14 0.00	39.83 -0.22 0.00	43.82 -0.06 0.00	50.74 -0.23 -0.14	39.23 -0.16 0.00	32.57 -0.10 0.00	44.15 -0.60 3.18	50.04 -0.57 0.00	47.09 -0.41 0.68	47.21 -0.23 2.13	38.57 -0.09 5.91	84.87 0.00 1.23	81.84 -0.01 3.69	68.60 0.27 4.08	57.67 0.52 3.00	76.96 0.31 0.00	75.65 0.37 0.00	75.96 0.16 0.00	76.14 0.28 0.00	57.96 0.15 0.00
BIXINCNT_115KV_LOAD 355685	26.29 -0.60 0.00	32.44 -0.70 0.00	35.45 -0.70 0.00	32.09 -0.49 0.00	38.09 -0.37 0.00	39.49 -0.56 0.00	42.60 -1.29 0.00	47.69 -2.42 0.72	37.12 -2.26 0.02	31.14 -1.53 0.00	43.00 -3.36 1.57	47.20 -3.35 0.06	44.56 -3.09 0.54	38.43 -2.70 8.43	39.06 -2.52 2.99	77.77 -4.21 4.12	79.96 -3.79 1.80	67.31 -3.05 2.05	56.63 -1.98 1.54	73.90 -2.75 0.00	72.44 -2.85 0.00	72.80 -2.99 0.00	74.06 -1.79 0.00	56.70 -1.11 0.00
BLACK RIVER___HYD 24047	25.41 -1.48 0.00	31.41 -1.74 0.00	34.85 -1.31 0.00	30.98 -1.60 0.00	36.45 -2.01 0.00	37.85 -2.20 0.00	41.65 -2.23 0.00	48.33 -2.51 0.00	37.75 -1.65 0.00	31.42 -1.25 0.00	57.36 -1.51 -10.94	61.45 -1.56 -12.40	58.92 -1.24 -11.98	60.54 -1.21 -12.18	55.11 -0.84 -11.37	103.13 -1.45 -18.48	101.79 -2.04 -18.28	87.92 -0.49 -16.00	73.17 -0.88 -13.90	81.94 -0.08 -5.37	85.83 0.40 -10.15	77.86 0.87 -1.19	77.76 1.90 0.00	59.21 1.40 0.00
BLACKRVR_115KV_TB2 79977	25.41 -1.48 0.00	31.41 -1.73 0.00	34.85 -1.31 0.00	30.98 -1.60 0.00	36.45 -2.01 0.00	37.85 -2.20 0.00	41.65 -2.23 0.00	48.33 -2.51 0.00	37.75 -1.65 0.00	31.42 -1.25 0.00	57.36 -1.51 -10.94	61.45 -1.56 -12.40	58.92 -1.24 -11.98	60.55 -1.19 -12.18	55.10 -0.84 -11.37	103.13 -1.45 -18.48	101.78 -2.04 -18.28	87.92 -0.49 -16.00	73.17 -0.89 -13.90	81.95 -0.07 -5.37	85.85 0.42 -10.15	77.86 0.87 -1.19	77.76 1.90 0.00	59.21 1.40 0.00
BLISS_WT_PWR 323608	26.19 -0.70 0.00	32.32 -0.83 0.00	35.31 -0.84 0.00	31.97 -0.61 0.00	37.94 -0.52 0.00	39.34 -0.70 0.00	42.43 -1.45 0.00	47.51 -2.60 0.72	36.73 -2.65 0.02	30.80 -1.87 0.00	42.51 -3.85 1.57	46.65 -3.90 0.06	44.04 -3.60 0.54	37.61 -3.51 8.43	38.53 -3.05 2.99	77.12 -4.87 4.12	79.46 -4.28 1.80	66.87 -3.49 2.05	56.40 -2.21 1.54	73.71 -2.94 0.00	72.24 -3.04 0.00	72.63 -3.17 0.00	73.93 -1.92 0.00	56.60 -1.21 0.00
BLUESTONE___WT_PWR 323821	26.67 -0.23 0.00	32.89 -0.26 0.00	35.98 -0.17 0.00	32.83 0.24 0.00	38.30 -0.16 0.00	39.56 -0.49 0.00	44.40 0.52 0.00	52.83 1.99 0.00	40.97 1.57 0.00	33.16 0.49 0.00	39.57 0.18 8.53	50.79 0.18 0.00	47.18 0.61 1.61	47.92 0.75 2.40	30.22 0.77 15.12	86.79 2.44 1.76	78.84 3.23 9.94	64.67 1.83 9.57	59.40 2.40 3.15	79.51 2.86 0.00	78.64 3.36 0.00	79.03 3.23 0.00	79.61 3.76 0.00	60.80 2.98 0.00
BLUE_CIRC_CHEM_DRP 24182	27.48 0.58 0.00	33.93 0.79 0.00	37.00 0.84 0.00	33.31 0.72 0.00	39.28 0.82 0.00	40.95 0.90 0.00	45.01 1.12 0.00	52.28 1.44 0.00	40.32 0.92 0.00	33.31 0.64 0.00	54.52 1.23 -5.36	52.22 1.61 0.00	50.67 1.52 -0.97	51.96 1.48 -0.92	54.92 1.43 -8.91	89.47 2.58 -0.79	94.51 2.96 -6.00	82.11 2.75 -6.95	68.35 2.37 -5.83	79.22 2.57 0.00	77.80 2.52 0.00	78.21 2.42 0.00	78.28 2.42 0.00	59.74 1.93 0.00
BOC_GAS_DRP 24189	27.32 0.42 0.00	33.71 0.56 0.00	36.73 0.57 0.00	33.08 0.49 0.00	38.98 0.52 0.00	40.64 0.59 0.00	44.69 0.81 0.00	51.96 1.12 0.00	40.16 0.76 0.00	33.31 0.64 0.00	55.01 1.17 -5.92	52.00 1.39 0.00	50.65 1.40 -1.07	52.01 1.42 -1.02	55.92 1.17 -10.17	89.08 2.08 -0.90	94.78 2.38 -6.86	82.60 2.26 -7.94	68.84 1.99 -6.70	78.78 2.13 0.00	77.37 2.09 0.00	77.78 1.98 0.00	77.84 1.99 0.00	59.35 1.54 0.00
BOONVILLE_115KV_TB1 79983	26.69 -0.20 0.00	32.95 -0.20 0.00	36.15 -0.01 0.00	32.35 -0.24 0.00	38.18 -0.27 0.00	39.72 -0.32 0.00	43.75 -0.13 0.00	50.71 -0.12 0.00	39.41 0.01 0.00	32.76 0.09 0.00	54.35 0.49 -5.93	57.96 0.63 -6.72	55.16 0.48 -6.49	56.62 0.46 -6.61	51.20 0.47 -6.16	97.11 0.99 -10.02	96.45 1.00 -9.91	82.58 1.50 -8.68	68.68 1.00 -7.54	81.16 1.60 -2.91	82.76 1.97 -5.51	78.55 2.11 -0.65	78.34 2.48 0.00	59.64 1.84 0.00
BORALEX_4TH_BRANCH 23824	28.37 1.48 0.00	34.98 1.83 0.00	38.04 1.89 0.00	34.20 1.62 0.00	40.39 1.93 0.00	42.40 2.35 0.00	46.69 2.81 0.00	54.45 3.62 0.00	41.94 2.54 0.00	34.56 1.89 0.00	58.03 2.83 -7.28	53.77 3.17 0.00	52.84 3.34 -1.32	54.02 3.20 -1.26	59.96 2.83 -12.56	92.84 5.63 -1.12	100.02 6.02 -8.46	87.74 5.52 -9.80	73.14 4.70 -8.28	82.15 5.50 0.00	80.90 5.62 0.00	81.31 5.52 0.00	81.48 5.62 0.00	61.97 4.16 0.00
BOWLINE___1 23526	27.90 1.01 0.00	34.20 1.06 0.00	37.26 1.11 0.00	33.60 1.02 0.00	39.46 1.00 0.00	41.35 1.31 0.00	45.81 1.93 0.00	53.34 2.51 0.00	41.28 1.88 0.00	34.39 1.72 0.00	2.23 2.60 48.29	53.52 2.92 0.00	42.29 2.87 8.76	43.91 3.02 8.67	-37.29 2.19 84.06	82.64 4.37 7.83	32.09 5.04 58.49	9.44 4.71 67.68	6.23 4.01 57.93	81.04 4.39 0.00	79.34 4.06 0.00	79.57 3.77 0.00	79.65 3.80 0.00	60.47 2.66 0.00
BOWLINE___2 23595	27.93 1.04 0.00	34.24 1.09 0.00	37.31 1.16 0.00	33.64 1.05 0.00	39.51 1.05 0.00	41.41 1.37 0.00	45.87 1.98 0.00	53.38 2.55 0.00	41.30 1.90 0.00	34.40 1.73 0.00	2.21 2.59 48.30	53.49 2.89 0.00	42.27 2.85 8.76	43.90 3.01 8.67	-37.31 2.20 84.09	82.59 4.32 7.83	32.00 4.97 58.52	9.39 4.69 67.71	6.22 4.03 57.96	81.05 4.40 0.00	79.34 4.06 0.00	79.57 3.77 0.00	79.65 3.80 0.00	60.47 2.66 0.00
BRADY___115KV_TB2 356060	27.00 -0.84 -0.94	33.92 -0.92 -1.70	36.28 -0.79 -0.92	32.36 -0.90 -0.68	37.64 -0.82 0.00	37.85 -2.20 0.00	41.38 -2.51 0.00	48.29 -2.55 0.00	38.10 -1.30 0.00	31.76 -0.91 0.00	89.75 0.37 -41.45	96.52 -1.03 -46.94	92.25 -1.30 -45.37	94.52 -1.19 -46.15	86.84 -0.83 -43.09	156.03 -0.13 -70.06	153.18 -1.67 -69.31	131.95 -1.14 -60.68	111.16 -1.71 -52.71	95.70 -1.31 -20.36	114.08 0.29 -38.50	81.06 0.74 -4.53	80.62 4.77 0.00	61.92 4.11 0.00
BRANSCOMB___SOLAR 323811	28.33 1.44 0.00	34.92 1.77 0.00	37.99 1.84 0.00	34.22 1.63 0.00	40.46 2.00 0.00	42.45 2.41 0.00	46.81 2.92 0.00	54.66 3.82 0.00	42.10 2.71 0.00	34.60 1.93 0.00	56.90 2.94 -6.04	53.75 3.14 0.00	52.51 3.23 -1.09	53.94 3.33 -1.04	57.94 2.97 -10.40	93.10 6.07 -0.92	99.29 6.74 -7.01	86.59 6.06 -8.12	72.13 5.11 -6.87	82.65 6.00 0.00	81.06 5.78 0.00	81.37 5.57 0.00	81.30 5.45 0.00	61.80 3.99 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	28.78 1.89 0.00	35.13 1.99 0.00	38.22 2.07 0.00	34.44 1.86 0.00	40.48 2.03 0.00	42.57 2.53 0.00	47.19 3.31 0.00	55.17 4.34 0.00	42.22 2.82 0.00	35.20 2.53 0.00	79.87 4.27 -27.68	55.15 4.54 0.00	57.63 4.46 -4.99	58.84 4.76 -4.51	94.91 3.64 -46.70	97.31 7.32 -3.89	123.84 7.95 -30.34	114.92 7.42 -35.09	96.86 7.03 -29.68	85.10 8.44 0.00	83.44 8.16 0.00	83.40 7.61 0.00	83.43 7.57 0.00	63.14 5.33 0.00

BRISTLHL_115KV_TB1 79998	26.27 -0.62 0.00	32.34 -0.81 0.00	35.27 -0.88 0.00	31.78 -0.80 0.00	37.52 -0.94 0.00	39.03 -1.02 0.00	42.68 -1.20 0.00	49.38 -1.46 0.00	38.32 -1.08 0.00	31.86 -0.81 0.00	46.35 -1.58 0.00	48.93 -1.68 0.00	46.65 -1.53 0.00	48.11 -1.45 0.00	43.29 -1.29 0.00	83.71 -2.40 0.00	83.38 -2.17 0.00	70.73 -1.67 0.00	58.83 -1.32 0.00	74.76 -1.89 0.00	73.39 -1.89 0.00	73.74 -2.06 0.00	73.81 -2.05 0.00	56.19 -1.62 0.00
BROOKHAVEN___DRP 24191	28.61 1.72 0.00	34.89 1.74 0.00	37.93 1.77 0.00	34.18 1.59 0.00	40.22 1.76 0.00	42.35 2.30 0.00	46.92 3.04 0.00	54.91 4.08 0.00	41.91 2.51 0.00	34.87 2.20 0.00	79.36 3.76 -27.68	54.56 3.96 0.00	57.05 3.87 -4.99	58.18 4.10 -4.51	94.14 2.87 -46.70	96.21 6.22 -3.89	123.78 7.89 -30.34	114.98 7.49 -35.09	96.62 6.79 -29.68	84.72 8.07 0.00	82.90 7.62 0.00	82.79 6.99 0.00	82.77 6.92 0.00	62.62 4.81 0.00
BROOKLYN_NAVY_YARD 23515	28.23 1.34 0.00	34.60 1.45 0.00	37.69 1.54 0.00	33.96 1.37 0.00	39.83 1.37 0.00	41.71 1.67 0.00	46.34 2.45 0.00	54.10 3.26 0.00	41.97 2.57 0.00	34.98 2.31 0.00	79.18 3.52 -27.74	54.50 3.89 0.00	57.02 3.84 -5.01	58.13 4.05 -4.52	94.32 2.95 -46.80	95.86 5.86 -3.90	122.47 6.52 -30.40	113.50 5.94 -35.16	94.92 5.03 -29.73	82.25 5.60 0.00	80.51 5.23 0.00	80.72 4.93 0.00	80.90 5.04 0.00	61.45 3.64 0.00
BROOKLYN___ARMY_DRP 323595	28.39 1.50 0.00	34.80 1.66 0.00	37.91 1.75 0.00	34.15 1.57 0.00	40.05 1.60 0.00	42.00 1.95 0.00	46.66 2.77 0.00	54.41 3.57 0.00	42.21 2.81 0.00	35.20 2.53 0.00	79.43 3.77 -27.72	54.75 4.15 0.00	57.25 4.07 -5.00	58.31 4.23 -4.52	94.46 3.11 -46.77	96.19 6.20 -3.90	122.89 6.96 -30.39	113.93 6.38 -35.14	95.25 5.38 -29.72	82.74 6.08 0.00	80.89 5.61 0.00	81.08 5.29 0.00	81.25 5.39 0.00	61.72 3.91 0.00
BROOKVLE_69_KV_TB1 55790	28.50 1.61 0.00	34.90 1.76 0.00	37.98 1.83 0.00	34.22 1.63 0.00	40.21 1.75 0.00	42.21 2.17 0.00	46.82 2.94 0.00	54.67 3.84 0.00	42.15 2.76 0.00	35.14 2.47 0.00	79.49 3.88 -27.68	54.95 4.35 0.00	57.44 4.26 -4.99	58.57 4.50 -4.51	94.72 3.45 -46.70	96.81 6.82 -3.89	123.62 7.73 -30.34	114.70 7.21 -35.09	96.02 6.19 -29.68	83.82 7.17 0.00	82.06 6.78 0.00	82.21 6.41 0.00	82.13 6.27 0.00	62.26 4.46 0.00
BROOME_2_LFGE 323671	26.79 -0.11 0.00	32.96 -0.19 0.00	35.98 -0.17 0.00	32.44 -0.14 0.00	38.32 -0.14 0.00	39.83 -0.22 0.00	43.82 -0.06 0.00	50.75 -0.23 -0.14	39.23 -0.16 0.00	32.57 -0.10 0.00	44.14 -0.61 3.18	50.02 -0.59 0.00	47.09 -0.41 0.68	47.18 -0.25 2.13	38.55 -0.12 5.91	84.87 0.00 1.23	81.84 -0.02 3.69	68.60 0.27 4.08	57.66 0.51 3.00	76.96 0.31 0.00	75.65 0.37 0.00	75.96 0.16 0.00	76.14 0.28 0.00	57.96 0.15 0.00
BROOME___LFGE 323600	26.79 -0.11 0.00	32.96 -0.19 0.00	35.98 -0.17 0.00	32.44 -0.14 0.00	38.32 -0.14 0.00	39.83 -0.22 0.00	43.82 -0.06 0.00	50.75 -0.23 -0.14	39.23 -0.16 0.00	32.57 -0.10 0.00	44.14 -0.61 3.18	50.02 -0.59 0.00	47.09 -0.41 0.68	47.18 -0.25 2.13	38.55 -0.12 5.91	84.87 0.00 1.23	81.84 -0.02 3.69	68.60 0.27 4.08	57.66 0.51 3.00	76.96 0.31 0.00	75.65 0.37 0.00	75.96 0.16 0.00	76.14 0.28 0.00	57.96 0.15 0.00
BROWNFLS_115KV_TB_3_5 80003	25.64 -1.89 -0.64	32.07 -2.23 -1.15	34.75 -2.03 -0.62	30.87 -2.18 -0.46	35.93 -2.53 0.00	36.63 -3.42 0.00	40.02 -3.87 0.00	46.50 -4.34 0.00	36.54 -2.85 0.00	30.50 -2.16 0.00	74.32 -1.74 -28.13	80.21 -2.26 -31.87	76.74 -2.24 -30.79	78.47 -2.42 -31.32	71.91 -1.91 -29.24	130.35 -3.30 -47.55	127.78 -4.80 -47.04	110.05 -3.54 -41.18	92.35 -3.58 -35.77	86.82 -3.65 -13.81	99.12 -2.29 -26.13	77.12 -1.75 -3.07	76.83 0.97 0.00	58.93 1.12 0.00
BROWNSV1_27_KV_LOAD 356125	28.53 1.64 0.00	34.95 1.81 0.00	38.06 1.91 0.00	34.29 1.71 0.00	40.24 1.78 0.00	42.19 2.14 0.00	46.86 2.97 0.00	54.70 3.87 0.00	42.44 3.04 0.00	35.38 2.71 0.00	79.76 4.09 -27.74	55.14 4.53 0.00	57.62 4.43 -5.01	58.72 4.63 -4.52	94.90 3.52 -46.80	96.98 6.98 -3.90	123.64 7.69 -30.40	114.51 6.94 -35.16	95.77 5.88 -29.73	83.33 6.69 0.00	81.56 6.28 0.00	81.75 5.95 0.00	81.88 6.02 0.00	62.17 4.36 0.00
BURROWS___LYONSDAL 23803	26.29 -0.60 0.00	32.48 -0.67 0.00	35.73 -0.43 0.00	31.87 -0.71 0.00	37.60 -0.86 0.00	39.11 -0.93 0.00	43.05 -0.83 0.00	49.91 -0.93 0.00	38.82 -0.57 0.00	32.29 -0.38 0.00	55.76 -0.01 -7.84	59.61 0.12 -8.88	56.70 -0.07 -8.59	58.14 -0.16 -8.73	52.66 -0.06 -8.15	99.33 -0.02 -13.25	98.60 -0.04 -13.10	84.65 0.77 -11.47	70.40 0.29 -9.97	81.37 0.87 -3.85	84.01 1.45 -7.28	78.35 1.70 -0.86	78.14 2.28 0.00	59.55 1.74 0.00
CAITHNESS_CC_1 323624	28.57 1.68 0.00	34.84 1.69 0.00	37.88 1.73 0.00	34.14 1.56 0.00	40.15 1.70 0.00	42.26 2.22 0.00	46.81 2.93 0.00	54.77 3.93 0.00	41.82 2.42 0.00	34.83 2.16 0.00	79.30 3.70 -27.68	54.53 3.92 0.00	57.03 3.86 -4.99	58.20 4.13 -4.51	94.17 2.90 -46.70	96.19 6.20 -3.89	123.61 7.72 -30.34	114.82 7.32 -35.09	96.48 6.65 -29.68	84.54 7.89 0.00	82.75 7.47 0.00	82.64 6.85 0.00	82.63 6.78 0.00	62.52 4.70 0.00
CALPINE BETH_PAGE_GT4 24209	28.44 1.55 0.00	34.76 1.61 0.00	37.83 1.68 0.00	34.08 1.49 0.00	40.04 1.58 0.00	42.07 2.03 0.00	46.62 2.74 0.00	54.46 3.63 0.00	41.85 2.45 0.00	34.88 2.21 0.00	79.20 3.60 -27.68	54.52 3.91 0.00	57.04 3.87 -4.99	58.20 4.12 -4.51	94.34 3.06 -46.70	96.07 6.08 -3.89	122.98 7.09 -30.34	114.30 6.80 -35.09	95.84 6.01 -29.68	83.66 7.00 0.00	81.92 6.64 0.00	81.99 6.20 0.00	82.01 6.15 0.00	62.12 4.31 0.00
CALPINE_BETH_PAGE_GT_4 323586	28.44 1.55 0.00	34.76 1.61 0.00	37.83 1.68 0.00	34.08 1.49 0.00	40.04 1.58 0.00	42.07 2.02 0.00	46.62 2.74 0.00	54.46 3.63 0.00	41.85 2.45 0.00	34.88 2.21 0.00	79.21 3.61 -27.68	54.52 3.92 0.00	57.04 3.87 -4.99	58.24 4.17 -4.51	94.33 3.06 -46.70	96.07 6.08 -3.89	122.98 7.09 -30.34	114.30 6.80 -35.09	95.84 6.01 -29.68	83.66 7.01 0.00	81.92 6.64 0.00	82.00 6.20 0.00	82.01 6.16 0.00	62.12 4.31 0.00
CALPINE_BP_GT1 23823	28.44 1.55 0.00	34.76 1.61 0.00	37.83 1.68 0.00	34.08 1.49 0.00	40.04 1.58 0.00	42.07 2.02 0.00	46.62 2.74 0.00	54.46 3.63 0.00	41.85 2.45 0.00	34.88 2.21 0.00	79.21 3.61 -27.68	54.52 3.92 0.00	57.04 3.87 -4.99	58.24 4.17 -4.51	94.33 3.06 -46.70	96.07 6.08 -3.89	122.98 7.09 -30.34	114.30 6.80 -35.09	95.84 6.01 -29.68	83.66 7.01 0.00	81.92 6.64 0.00	82.00 6.20 0.00	82.01 6.16 0.00	62.12 4.31 0.00
CALSPAN___DRP 24200	26.07 -0.82 0.00	32.19 -0.95 0.00	35.15 -1.01 0.00	31.77 -0.81 0.00	37.79 -0.67 0.00	39.15 -0.90 0.00	42.10 -1.78 0.00	46.41 -3.30 1.12	37.11 -2.26 0.03	31.13 -1.54 0.00	42.06 -3.45 2.41	46.93 -3.53 0.14	44.42 -3.18 0.58	37.37 -2.85 9.34	38.86 -2.56 3.17	76.85 -4.75 4.50	79.09 -4.78 1.67	66.52 -3.99 1.90	55.53 -3.19 1.44	71.94 -4.72 0.00	70.42 -4.87 0.00	70.79 -5.00 0.00	72.04 -3.82 0.00	55.24 -2.57 0.00

CALVERTON___SOLAR 323806	28.63 1.74 0.00	34.91 1.76 0.00	37.95 1.79 0.00	34.21 1.62 0.00	40.26 1.80 0.00	42.39 2.35 0.00	47.01 3.13 0.00	55.01 4.18 0.00	41.97 2.57 0.00	34.90 2.23 0.00	79.36 3.76 -27.68	54.57 3.96 0.00	57.05 3.88 -4.99	58.20 4.13 -4.51	94.08 2.81 -46.70	96.20 6.21 -3.89	123.93 8.04 -30.34	115.12 7.63 -35.09	96.74 6.91 -29.68	84.88 8.23 0.00	83.06 7.78 0.00	82.94 7.15 0.00	82.90 7.05 0.00	62.72 4.91 0.00
CANDIGU_WT_PWR 323617	25.42 -1.48 0.00	31.30 -1.85 0.00	34.10 -2.05 0.00	30.74 -1.85 0.00	36.47 -1.99 0.00	37.81 -2.24 0.00	41.34 -2.54 0.00	41.34 -3.61 5.89	36.58 -2.68 0.15	30.40 -2.25 0.02	31.38 -4.18 12.37	45.64 -4.23 0.73	44.05 -3.83 0.30	41.14 -3.59 4.83	39.25 -3.04 2.28	78.35 -5.23 2.52	78.31 -4.88 2.36	66.24 -3.50 2.67	55.70 -2.43 2.02	73.42 -3.24 0.00	72.19 -3.09 0.00	72.43 -3.36 0.00	73.23 -2.63 0.00	56.12 -1.69 0.00
CARR STREET_E_SYR 24060	26.54 -0.35 0.00	32.66 -0.48 0.00	35.62 -0.54 0.00	32.11 -0.47 0.00	37.94 -0.52 0.00	39.44 -0.60 0.00	43.17 -0.71 0.00	49.93 -0.91 0.00	38.76 -0.64 0.00	32.24 -0.42 0.00	46.97 -0.96 0.00	49.61 -0.99 0.00	47.34 -0.84 0.00	48.79 -0.77 0.00	43.90 -0.67 0.00	84.91 -1.19 0.00	84.49 -1.05 0.00	71.67 -0.74 0.00	59.61 -0.54 0.00	75.72 -0.93 0.00	74.31 -0.97 0.00	74.66 -1.14 0.00	74.75 -1.10 0.00	56.92 -0.89 0.00
CARTHAGE___PAPER 23857	25.52 -1.38 0.00	31.56 -1.59 0.00	34.95 -1.20 0.00	31.06 -1.52 0.00	36.59 -1.87 0.00	37.91 -2.13 0.00	41.72 -2.17 0.00	48.39 -2.44 0.00	37.80 -1.60 0.00	31.47 -1.20 0.00	59.61 -1.09 -12.77	63.92 -1.15 -14.46	61.14 -1.02 -13.98	62.69 -1.08 -14.21	57.09 -0.75 -13.27	106.41 -1.25 -21.57	105.06 -1.82 -21.34	90.67 -0.41 -18.68	75.48 -0.89 -16.22	82.79 -0.12 -6.27	87.75 0.61 -11.85	78.27 1.08 -1.39	78.19 2.33 0.00	59.66 1.85 0.00
CASSADAGA_WT_PWR 323784	25.23 -1.66 0.00	31.18 -1.97 0.00	34.00 -2.15 0.00	30.69 -1.89 0.00	36.57 -1.89 0.00	38.02 -2.02 0.00	41.04 -2.84 0.00	45.61 -4.39 0.84	36.26 -3.12 0.02	30.43 -2.24 0.00	41.77 -4.35 1.81	45.63 -4.41 0.57	43.63 -4.00 0.55	36.85 -3.97 8.75	38.21 -3.31 3.06	75.68 -6.17 4.26	77.79 -5.99 1.76	66.02 -4.39 2.01	55.19 -3.45 1.51	71.36 -5.29 0.00	70.19 -5.09 0.00	70.71 -5.09 0.00	72.00 -3.85 0.00	55.01 -2.80 0.00
CE_DUNWOOD___DRP 24194	28.14 1.25 0.00	34.51 1.36 0.00	37.58 1.43 0.00	33.86 1.27 0.00	39.78 1.32 0.00	41.68 1.64 0.00	46.20 2.32 0.00	53.89 3.06 0.00	41.73 2.33 0.00	34.76 2.10 0.00	79.69 3.22 -28.54	54.18 3.58 0.00	56.86 3.53 -5.15	57.88 3.66 -4.65	95.47 2.78 -48.11	95.59 5.49 -4.01	122.92 6.17 -31.21	114.20 5.71 -36.08	95.57 4.90 -30.52	82.08 5.43 0.00	80.38 5.10 0.00	80.58 4.78 0.00	80.68 4.82 0.00	61.26 3.45 0.00
CE_MILLWOOD___DRP 24193	28.08 1.19 0.00	34.44 1.29 0.00	37.51 1.36 0.00	33.80 1.22 0.00	39.70 1.24 0.00	41.62 1.57 0.00	46.12 2.23 0.00	53.77 2.93 0.00	41.64 2.24 0.00	34.67 2.00 0.00	80.06 3.07 -29.06	54.03 3.42 0.00	56.79 3.37 -5.24	57.85 3.51 -4.77	96.55 2.66 -49.31	95.52 5.24 -4.18	124.01 5.91 -32.56	115.55 5.50 -37.64	96.71 4.72 -31.85	81.87 5.22 0.00	80.15 4.87 0.00	80.38 4.58 0.00	80.47 4.62 0.00	61.10 3.29 0.00
CE_NYC2_DRP 24202	28.31 1.41 0.00	34.71 1.56 0.00	37.80 1.65 0.00	34.06 1.47 0.00	39.94 1.48 0.00	41.85 1.81 0.00	46.47 2.59 0.00	54.26 3.43 0.00	42.08 2.68 0.00	35.09 2.43 0.00	79.33 3.68 -27.72	54.69 4.09 0.00	57.20 4.02 -5.00	58.26 4.18 -4.52	94.45 3.11 -46.77	96.14 6.14 -3.90	122.79 6.86 -30.39	113.81 6.26 -35.14	95.17 5.30 -29.72	82.63 5.98 0.00	80.81 5.53 0.00	80.98 5.18 0.00	81.13 5.27 0.00	61.62 3.81 0.00
CE_NYC_DRP 24195	28.30 1.41 0.00	34.68 1.53 0.00	37.77 1.62 0.00	34.04 1.46 0.00	39.92 1.46 0.00	41.83 1.79 0.00	46.45 2.57 0.00	54.20 3.36 0.00	42.05 2.65 0.00	35.07 2.40 0.00	79.30 3.63 -27.74	54.66 4.06 0.00	57.18 3.99 -5.01	58.25 4.16 -4.52	94.48 3.10 -46.80	96.13 6.13 -3.90	122.75 6.80 -30.41	113.75 6.19 -35.16	95.12 5.23 -29.74	82.48 5.83 0.00	80.73 5.45 0.00	80.94 5.14 0.00	81.07 5.22 0.00	61.58 3.77 0.00
CHAFFEE___LFGE 323603	26.36 -0.54 0.00	32.53 -0.62 0.00	35.53 -0.62 0.00	32.12 -0.46 0.00	38.20 -0.26 0.00	39.61 -0.43 0.00	42.61 -1.27 0.00	47.25 -2.67 0.92	37.60 -1.77 0.02	31.53 -1.13 0.00	43.11 -2.83 1.99	47.64 -2.87 0.10	45.07 -2.55 0.56	38.19 -2.48 8.89	39.40 -2.10 3.08	78.09 -3.70 4.31	80.08 -3.73 1.74	67.33 -3.10 1.97	56.23 -2.43 1.49	72.80 -3.85 0.00	71.24 -4.04 0.00	71.63 -4.17 0.00	72.80 -3.05 0.00	55.79 -2.02 0.00
CHATEAUG_35_KV_LOAD 355732	28.18 -1.06 -2.34	36.09 -1.29 -4.24	37.14 -1.30 -2.29	33.22 -1.07 -1.70	37.59 -0.87 0.00	39.14 -0.90 0.00	42.62 -1.27 0.00	49.09 -1.75 0.00	38.24 -1.16 0.00	31.36 -1.31 0.00	-19.94 -1.58 66.28	-26.35 -1.89 75.08	-26.20 -1.83 72.56	-26.38 -2.12 73.82	-25.98 -1.62 68.93	-28.96 -2.98 112.08	-28.85 -3.51 110.88	-27.92 -3.25 97.08	-27.04 -2.86 84.33	41.00 -3.10 32.55	10.96 -2.80 61.53	66.31 -2.26 7.23	75.55 -0.30 0.00	57.99 0.17 0.00
CHATEAUG_WT_PWR 323614	1.53 -1.18 24.18	-12.01 -1.44 43.72	11.06 -1.48 23.61	13.89 -1.19 17.50	37.50 -0.96 0.00	39.10 -0.95 0.00	42.60 -1.28 0.00	49.06 -1.78 0.00	38.18 -1.22 0.00	31.30 -1.37 0.00	-15.48 -1.86 61.54	-21.28 -2.19 69.70	-21.28 -2.10 67.37	-21.31 -2.34 68.54	-21.29 -1.87 64.00	-21.52 -3.56 104.07	-21.40 -3.99 102.95	-21.26 -3.53 90.14	-21.24 -3.09 78.30	43.09 -3.34 30.22	15.14 -3.02 57.13	66.57 -2.51 6.72	75.37 -0.48 0.00	57.89 0.07 0.00
CHAT_HIGH_FALL_HYD 323578	28.18 -1.06 -2.34	36.09 -1.29 -4.24	37.14 -1.30 -2.29	33.22 -1.07 -1.70	37.59 -0.87 0.00	39.14 -0.90 0.00	42.62 -1.27 0.00	49.09 -1.75 0.00	38.24 -1.16 0.00	31.36 -1.31 0.00	-19.94 -1.58 66.28	-26.35 -1.89 75.08	-26.20 -1.83 72.56	-26.38 -2.12 73.82	-25.98 -1.62 68.93	-28.96 -2.98 112.08	-28.85 -3.51 110.88	-27.92 -3.25 97.08	-27.04 -2.86 84.33	41.00 -3.10 32.55	10.96 -2.80 61.53	66.31 -2.26 7.23	75.55 -0.30 0.00	57.99 0.17 0.00
CHAUTAUQUA___LFGE 323629	25.71 -1.18 0.00	31.74 -1.41 0.00	34.64 -1.51 0.00	31.31 -1.28 0.00	37.27 -1.19 0.00	38.67 -1.38 0.00	41.64 -2.24 0.00	46.01 -3.80 1.03	36.75 -2.62 0.03	30.84 -1.82 0.00	41.88 -3.84 2.21	46.37 -3.95 0.29	44.02 -3.59 0.57	36.89 -3.57 9.10	38.49 -2.96 3.13	76.37 -5.32 4.41	78.57 -5.26 1.72	66.30 -4.15 1.96	55.36 -3.32 1.47	71.66 -4.99 0.00	70.27 -5.01 0.00	70.70 -5.10 0.00	71.96 -3.89 0.00	55.14 -2.67 0.00
CHERRYST_13_KV_LD 356241	28.37 1.48 0.00	34.77 1.62 0.00	37.87 1.72 0.00	34.12 1.54 0.00	40.02 1.56 0.00	41.95 1.90 0.00	46.59 2.70 0.00	54.38 3.54 0.00	42.18 2.78 0.00	35.18 2.51 0.00	79.48 3.81 -27.74	54.86 4.25 0.00	57.36 4.17 -5.01	58.43 4.35 -4.52	94.65 3.27 -46.80	96.46 6.45 -3.90	123.08 7.13 -30.41	114.01 6.44 -35.16	95.32 5.43 -29.74	82.74 6.09 0.00	80.96 5.68 0.00	81.16 5.37 0.00	81.28 5.43 0.00	61.75 3.94 0.00

CHESTROR_138KV_BK263 355645	27.80 0.91 0.00	34.12 0.98 0.00	37.18 1.03 0.00	33.52 0.93 0.00	39.41 0.95 0.00	41.28 1.23 0.00	45.67 1.79 0.00	53.16 2.32 0.00	41.14 1.74 0.00	34.24 1.57 0.00	14.32 2.31 35.91	53.14 2.53 0.00	44.14 2.48 6.52	45.72 2.61 6.46	-15.57 1.97 62.11	84.37 3.91 5.64	48.31 4.61 41.84	28.37 4.39 48.43	22.35 3.78 41.58	80.98 4.33 0.00	79.29 4.01 0.00	79.51 3.71 0.00	79.60 3.75 0.00	60.45 2.64 0.00
CH_MIDHUDSON___DRP 24192	28.23 1.34 0.00	34.65 1.50 0.00	37.73 1.58 0.00	33.99 1.41 0.00	39.95 1.49 0.00	41.88 1.84 0.00	46.40 2.52 0.00	54.17 3.33 0.00	41.94 2.54 0.00	34.89 2.22 0.00	58.61 3.46 -7.23	54.39 3.79 0.00	53.15 3.68 -1.29	54.52 3.79 -1.16	64.27 3.01 -16.67	93.46 5.99 -1.37	103.48 6.71 -11.23	91.56 6.18 -12.97	76.25 5.28 -10.81	82.66 6.00 0.00	80.96 5.68 0.00	81.16 5.37 0.00	81.24 5.38 0.00	61.70 3.88 0.00
CH_MISC_IPPS 23765	28.34 1.44 0.00	34.77 1.62 0.00	37.87 1.72 0.00	34.13 1.54 0.00	40.12 1.66 0.00	42.06 2.02 0.00	46.63 2.74 0.00	54.41 3.57 0.00	42.11 2.71 0.00	35.02 2.35 0.00	51.48 3.56 0.00	54.47 3.86 0.00	51.90 3.74 0.02	53.33 3.97 0.21	47.70 3.19 0.06	92.40 6.41 0.11	92.78 7.24 0.00	79.12 6.71 0.00	65.87 5.72 0.00	83.13 6.47 0.00	81.37 6.09 0.00	81.55 5.76 0.00	81.58 5.72 0.00	61.93 4.12 0.00
CH_RES_BVR_FALLS 23983	26.41 -0.48 0.00	32.59 -0.56 0.00	35.62 -0.54 0.00	32.00 -0.59 0.00	37.79 -0.67 0.00	39.43 -0.62 0.00	43.07 -0.81 0.00	49.71 -1.13 0.00	38.57 -0.83 0.00	31.98 -0.68 0.00	44.71 -0.87 2.35	47.05 -0.89 2.67	44.53 -1.08 2.58	45.72 -1.22 2.62	41.15 -0.99 2.45	80.33 -1.79 3.98	79.66 -1.95 3.94	67.22 -1.74 3.45	55.65 -1.50 3.00	74.12 -1.37 1.16	72.05 -1.04 2.19	74.76 -0.78 0.26	75.25 -0.60 0.00	57.49 -0.32 0.00
CH_RES_NIAGARA 23895	25.23 -1.66 0.00	31.17 -1.98 0.00	34.07 -2.08 0.00	30.83 -1.75 0.00	36.67 -1.79 0.00	37.97 -2.08 0.00	40.55 -3.33 0.87	44.68 -5.29 0.00	35.71 -3.67 0.02	30.00 -2.67 0.00	40.81 -5.24 1.88	45.01 -5.49 0.11	42.43 -5.10 0.65	34.09 -4.90 10.57	36.85 -4.31 3.42	72.83 -8.21 5.06	75.64 -8.37 1.54	63.33 -7.33 1.75	52.78 -6.06 1.32	68.32 -8.33 0.00	66.82 -8.46 0.00	67.22 -8.58 0.00	68.68 -7.17 0.00	52.99 -4.83 0.00
CH_RES_SYRACUSE 23985	26.72 -0.17 0.00	32.87 -0.28 0.00	35.84 -0.31 0.00	32.34 -0.25 0.00	38.20 -0.25 0.00	39.73 -0.32 0.00	43.51 -0.37 0.00	50.32 -0.52 0.00	39.02 -0.37 0.00	32.45 -0.22 0.00	47.22 -0.71 0.00	49.87 -0.74 0.00	47.58 -0.60 0.00	49.03 -0.54 0.00	44.13 -0.45 0.00	85.40 -0.70 0.00	85.05 -0.49 0.00	72.20 -0.21 0.00	60.05 -0.11 0.00	76.32 -0.33 0.00	74.89 -0.38 0.00	75.21 -0.59 0.00	75.33 -0.53 0.00	57.33 -0.48 0.00
CLINTON_WT_PWR 323605	1.53 -1.18 24.18	-12.01 -1.44 43.72	11.06 -1.48 23.61	13.89 -1.19 17.50	37.50 -0.96 0.00	39.10 -0.95 0.00	42.60 -1.28 0.00	49.06 -1.78 0.00	38.18 -1.22 0.00	31.30 -1.37 0.00	-15.48 -1.86 61.54	-21.28 -2.19 69.70	-21.28 -2.10 67.37	-21.31 -2.34 68.54	-21.29 -1.87 64.00	-21.52 -3.56 104.07	-21.40 -3.99 102.95	-21.26 -3.53 90.14	-21.24 -3.09 78.30	43.09 -3.34 30.22	15.14 -3.02 57.13	66.57 -2.51 6.72	75.37 -0.48 0.00	57.89 0.07 0.00
CLINTON___LFGE 323618	42.88 -0.82 -16.80	62.55 -0.98 -30.39	51.61 -0.95 -16.41	44.01 -0.74 -12.16	37.99 -0.47 0.00	39.60 -0.44 0.00	43.18 -0.70 0.00	49.78 -1.05 0.00	38.73 -0.67 0.00	31.72 -0.94 0.00	-15.95 -1.10 62.78	-21.80 -1.30 71.11	-21.76 -1.22 68.72	-21.83 -1.47 69.92	-21.80 -1.08 65.29	-21.86 -1.81 106.16	-21.72 -2.25 105.02	-21.65 -2.11 91.95	-21.65 -1.92 79.88	43.99 -1.84 30.83	15.45 -1.56 58.27	67.82 -1.13 6.85	76.67 0.81 0.00	58.85 1.04 0.00
COBBLENY_34_KV_TB1 80064	26.35 -0.54 0.00	32.53 -0.62 0.00	35.53 -0.62 0.00	32.12 -0.46 0.00	38.20 -0.26 0.00	39.61 -0.44 0.00	42.61 -1.27 0.00	47.25 -2.67 0.92	37.61 -1.76 0.02	31.53 -1.13 0.00	43.10 -2.84 1.99	47.64 -2.87 0.10	45.07 -2.55 0.56	38.47 -2.20 8.89	39.51 -1.99 3.08	78.08 -3.72 4.31	80.06 -3.75 1.73	67.32 -3.11 1.97	56.22 -2.45 1.49	72.81 -3.84 0.00	71.25 -4.03 0.00	71.63 -4.17 0.00	72.80 -3.06 0.00	55.80 -2.01 0.00
COFFEEN___115KV_TB3 355620	25.64 -1.26 0.00	31.69 -1.46 0.00	35.11 -1.04 0.00	31.26 -1.33 0.00	36.79 -1.67 0.00	38.22 -1.83 0.00	42.10 -1.78 0.00	48.86 -1.97 0.00	38.16 -1.24 0.00	31.75 -0.92 0.00	57.39 -1.16 -10.62	61.49 -1.15 -12.03	58.99 -0.81 -11.63	60.72 -0.66 -11.82	55.30 -0.31 -11.03	103.57 -0.46 -17.93	102.19 -1.10 -17.74	88.22 0.28 -15.53	73.41 -0.23 -13.49	82.53 0.66 -5.21	86.23 1.10 -9.85	78.42 1.46 -1.16	78.24 2.39 0.00	59.53 1.72 0.00
COLDSPRG_115KV_BK1 355956	26.60 -0.30 0.00	32.81 -0.34 0.00	35.84 -0.31 0.00	32.40 -0.18 0.00	38.54 0.08 0.00	40.07 0.02 0.00	43.36 -0.52 0.00	48.91 -1.38 0.54	38.51 -0.88 0.01	32.32 -0.35 0.00	45.19 -1.56 1.18	49.38 -1.39 -0.16	46.48 -1.18 0.52	40.62 -0.75 8.19	40.69 -0.94 2.94	80.23 -1.86 4.01	81.78 -1.93 1.84	69.22 -1.10 2.08	57.82 -0.76 1.57	74.87 -1.78 0.00	73.44 -1.84 0.00	73.90 -1.90 0.00	74.93 -0.93 0.00	57.15 -0.66 0.00
COLONIE_LFGE___ 323577	27.86 0.97 0.00	34.36 1.22 0.00	37.40 1.25 0.00	33.66 1.08 0.00	39.73 1.27 0.00	41.62 1.57 0.00	45.82 1.94 0.00	53.39 2.56 0.00	41.18 1.78 0.00	34.00 1.33 0.00	56.34 2.10 -6.32	52.95 2.35 0.00	51.74 2.41 -1.14	53.08 2.43 -1.09	57.56 2.11 -10.87	91.16 4.10 -0.97	97.42 4.55 -7.33	85.10 4.20 -8.49	70.92 3.59 -7.18	80.75 4.10 0.00	79.31 4.03 0.00	79.70 3.90 0.00	79.71 3.86 0.00	60.68 2.87 0.00
COOPERNY_115KV_TB1 80082	27.52 0.63 0.00	33.83 0.68 0.00	36.86 0.71 0.00	33.24 0.66 0.00	39.12 0.66 0.00	40.88 0.84 0.00	45.12 1.24 0.00	52.55 1.72 0.00	40.73 1.33 0.00	33.88 1.21 0.00	28.06 1.73 21.60	52.48 1.87 0.00	46.11 1.86 3.94	47.43 1.95 4.09	8.47 1.51 37.62	85.55 2.94 3.50	63.80 3.54 25.29	46.31 3.35 29.45	36.48 2.79 26.46	79.79 3.14 0.00	78.21 2.93 0.00	78.51 2.71 0.00	78.59 2.74 0.00	59.74 1.93 0.00
COPENHAGEN_WT_PWR 323753	25.14 -1.75 0.00	31.10 -2.05 0.00	34.61 -1.54 0.00	30.70 -1.88 0.00	36.03 -2.43 0.00	37.44 -2.61 0.00	41.16 -2.72 0.00	47.75 -3.08 0.00	37.28 -2.12 0.00	31.03 -1.64 0.00	55.82 -2.15 -10.05	59.75 -2.24 -11.38	57.28 -1.90 -11.00	58.85 -1.89 -11.18	53.55 -1.46 -10.43	100.37 -2.69 -16.96	99.14 -3.18 -16.78	85.67 -1.43 -14.69	71.34 -1.57 -12.76	80.85 -0.73 -4.93	84.33 -0.27 -9.32	77.24 0.35 -1.10	77.31 1.46 0.00	58.91 1.10 0.00
CORNELL_____ 23752	27.20 0.30 0.00	33.46 0.31 0.00	36.50 0.35 0.00	32.95 0.36 0.00	38.91 0.46 0.00	40.50 0.45 0.00	44.54 0.66 0.00	51.32 0.49 0.00	39.79 0.39 0.00	33.02 0.35 0.00	47.90 -0.02 0.00	50.61 0.00 0.00	48.27 0.12 0.03	49.49 0.47 0.55	43.99 0.43 1.03	86.69 1.09 0.49	84.81 1.39 2.13	71.20 1.79 3.00	59.96 1.81 2.00	78.67 2.02 0.00	77.23 1.95 0.00	77.47 1.67 0.00	77.53 1.68 0.00	59.00 1.19 0.00

CORONA V_69_KV_TB1 355595	28.54 1.65 0.00	34.92 1.78 0.00	38.01 1.86 0.00	34.23 1.65 0.00	40.22 1.76 0.00	42.21 2.17 0.00	46.78 2.90 0.00	54.62 3.79 0.00	42.04 2.64 0.00	35.06 2.39 0.00	79.39 3.79 -27.68	54.80 4.20 0.00	57.29 4.12 -4.99	58.43 4.36 -4.51	94.50 3.23 -46.70	96.49 6.50 -3.89	123.25 7.36 -30.34	114.51 7.01 -35.09	95.93 6.11 -29.68	83.74 7.09 0.00	82.05 6.77 0.00	82.14 6.35 0.00	82.10 6.24 0.00	62.25 4.44 0.00
CORTLAND_115KV_TB3 80093	26.99 0.09 0.00	33.21 0.07 0.00	36.23 0.08 0.00	32.67 0.08 0.00	38.59 0.13 0.00	40.14 0.10 0.00	44.14 0.26 0.00	51.04 0.20 0.00	39.58 0.18 0.00	32.88 0.21 0.00	47.88 -0.05 0.00	50.58 -0.02 0.00	48.25 0.10 0.03	49.40 0.28 0.44	44.01 0.31 0.88	86.47 0.78 0.41	84.63 0.88 1.79	71.21 1.04 2.24	59.61 1.08 1.62	77.73 1.08 0.00	76.36 1.08 0.00	76.66 0.86 0.00	76.74 0.88 0.00	58.38 0.57 0.00
COXSACKIE__GT 23611	28.46 1.57 0.00	35.12 1.98 0.00	38.26 2.11 0.00	34.48 1.89 0.00	40.75 2.29 0.00	42.66 2.61 0.00	47.11 3.23 0.00	54.95 4.12 0.00	42.38 2.98 0.00	34.64 1.98 0.00	54.84 3.23 -3.68	54.13 3.52 0.00	51.87 3.03 -0.66	53.29 3.12 -0.61	53.25 3.42 -5.26	93.72 7.16 -0.47	97.49 8.41 -3.54	84.15 7.65 -4.09	69.81 6.34 -3.31	83.80 7.15 0.00	82.14 6.86 0.00	82.41 6.61 0.00	82.16 6.30 0.00	62.58 4.77 0.00
CPV_VALLEY__CC1 323721	27.58 0.69 0.00	33.86 0.72 0.00	36.89 0.74 0.00	33.28 0.69 0.00	39.11 0.65 0.00	40.92 0.88 0.00	45.26 1.38 0.00	52.66 1.82 0.00	40.78 1.38 0.00	33.93 1.26 0.00	17.44 1.84 32.33	52.64 2.03 0.00	44.33 2.02 5.87	45.88 2.16 5.84	-9.65 1.60 55.83	84.11 3.09 5.09	51.70 3.74 37.58	32.56 3.64 43.50	25.97 3.23 37.41	80.23 3.58 0.00	78.57 3.29 0.00	78.84 3.04 0.00	78.91 3.06 0.00	59.95 2.14 0.00
CPV_VALLEY__CC2 323722	27.58 0.69 0.00	33.86 0.72 0.00	36.89 0.74 0.00	33.28 0.69 0.00	39.11 0.65 0.00	40.92 0.88 0.00	45.26 1.38 0.00	52.66 1.82 0.00	40.78 1.38 0.00	33.93 1.26 0.00	17.44 1.84 32.33	52.64 2.03 0.00	44.33 2.02 5.87	45.88 2.16 5.84	-9.65 1.60 55.83	84.11 3.09 5.09	51.70 3.74 37.58	32.56 3.64 43.50	25.97 3.23 37.41	80.23 3.58 0.00	78.57 3.29 0.00	78.84 3.04 0.00	78.91 3.06 0.00	59.95 2.14 0.00
CRESCENT__HYD 24018	27.86 0.97 0.00	34.36 1.22 0.00	37.40 1.25 0.00	33.66 1.08 0.00	39.73 1.27 0.00	41.62 1.57 0.00	45.82 1.94 0.00	53.39 2.56 0.00	41.18 1.78 0.00	34.00 1.33 0.00	56.34 2.10 -6.32	52.95 2.35 0.00	51.74 2.41 -1.14	53.08 2.43 -1.09	57.56 2.11 -10.87	91.16 4.10 -0.97	97.42 4.55 -7.33	85.10 4.20 -8.49	70.92 3.59 -7.18	80.75 4.10 0.00	79.31 4.03 0.00	79.70 3.90 0.00	79.71 3.86 0.00	60.68 2.87 0.00
CRICKET__VALLEY_CC1 323756	27.85 0.96 0.00	34.19 1.04 0.00	37.22 1.06 0.00	33.49 0.90 0.00	39.34 0.88 0.00	41.27 1.23 0.00	45.66 1.78 0.00	53.34 2.51 0.00	41.31 1.91 0.00	34.38 1.71 0.00	69.20 2.84 -18.43	53.82 3.22 0.00	54.70 3.20 -3.32	55.88 3.31 -3.00	79.00 2.56 -31.86	93.85 5.02 -2.74	112.67 5.61 -21.52	102.51 5.21 -24.89	85.69 4.50 -21.03	81.55 4.90 0.00	79.86 4.58 0.00	80.11 4.31 0.00	80.35 4.49 0.00	61.10 3.28 0.00
CRICKET__VALLEY_CC2 323757	27.85 0.96 0.00	34.19 1.04 0.00	37.22 1.06 0.00	33.49 0.90 0.00	39.34 0.88 0.00	41.27 1.23 0.00	45.66 1.78 0.00	53.34 2.51 0.00	41.31 1.91 0.00	34.38 1.71 0.00	69.20 2.84 -18.43	53.82 3.22 0.00	54.70 3.20 -3.32	55.88 3.31 -3.00	79.00 2.56 -31.86	93.85 5.02 -2.74	112.67 5.61 -21.52	102.51 5.21 -24.89	85.69 4.50 -21.03	81.55 4.90 0.00	79.86 4.58 0.00	80.11 4.31 0.00	80.35 4.49 0.00	61.10 3.28 0.00
CRICKET__VALLEY_CC3 323758	27.85 0.96 0.00	34.19 1.04 0.00	37.22 1.06 0.00	33.49 0.90 0.00	39.34 0.88 0.00	41.27 1.23 0.00	45.66 1.78 0.00	53.34 2.51 0.00	41.31 1.91 0.00	34.38 1.71 0.00	69.20 2.84 -18.43	53.82 3.22 0.00	54.70 3.20 -3.32	55.88 3.31 -3.00	79.00 2.56 -31.86	93.85 5.02 -2.74	112.67 5.61 -21.52	102.51 5.21 -24.89	85.69 4.50 -21.03	81.55 4.90 0.00	79.86 4.58 0.00	80.11 4.31 0.00	80.35 4.49 0.00	61.10 3.28 0.00
CRUCIBLE_METL_DRP 24180	26.72 -0.17 0.00	32.87 -0.28 0.00	35.84 -0.31 0.00	32.34 -0.25 0.00	38.20 -0.25 0.00	39.73 -0.32 0.00	43.51 -0.37 0.00	50.32 -0.52 0.00	39.02 -0.37 0.00	32.45 -0.22 0.00	47.21 -0.71 0.00	49.87 -0.73 0.00	47.58 -0.60 0.00	49.06 -0.51 0.00	44.13 -0.45 0.00	85.40 -0.69 0.00	85.06 -0.48 0.00	72.19 -0.21 0.00	60.04 -0.11 0.00	76.32 -0.33 0.00	74.89 -0.39 0.00	75.21 -0.59 0.00	75.32 -0.53 0.00	57.33 -0.48 0.00
DAHOWA__HYDRO 323763	28.40 1.51 0.00	35.01 1.86 0.00	38.09 1.93 0.00	34.30 1.71 0.00	40.57 2.11 0.00	42.61 2.57 0.00	47.01 3.13 0.00	54.95 4.11 0.00	42.34 2.94 0.00	34.75 2.09 0.00	57.06 3.16 -5.97	53.97 3.37 0.00	52.70 3.44 -1.08	54.13 3.53 -1.03	58.02 3.16 -10.28	93.51 6.49 -0.91	99.70 7.22 -6.93	86.94 6.50 -8.03	72.40 5.45 -6.79	83.08 6.43 0.00	81.45 6.16 0.00	81.72 5.93 0.00	81.65 5.79 0.00	62.04 4.23 0.00
DANC__LFGE 323619	25.63 -1.27 0.00	31.63 -1.52 0.00	34.91 -1.24 0.00	31.17 -1.41 0.00	36.68 -1.78 0.00	38.13 -1.92 0.00	41.76 -2.12 0.00	48.42 -2.42 0.00	37.71 -1.69 0.00	31.39 -1.28 0.00	52.95 -1.88 -6.90	56.46 -1.96 -7.82	54.05 -1.69 -7.56	55.58 -1.66 -7.68	50.41 -1.32 -7.16	95.26 -2.48 -11.64	94.30 -2.76 -11.51	80.99 -1.50 -10.08	67.43 -1.48 -8.76	78.84 -1.19 -3.38	80.76 -0.92 -6.39	75.94 -0.61 -0.75	75.92 0.07 0.00	57.83 0.02 0.00
DANSKAMMER__1 23586	28.34 1.44 0.00	34.77 1.62 0.00	37.87 1.72 0.00	34.13 1.54 0.00	40.12 1.66 0.00	42.06 2.02 0.00	46.63 2.74 0.00	54.41 3.57 0.00	42.11 2.71 0.00	35.02 2.35 0.00	51.48 3.56 0.00	54.47 3.86 0.00	51.90 3.74 0.02	53.33 3.97 0.21	47.70 3.19 0.06	92.40 6.41 0.11	92.78 7.24 0.00	79.12 6.71 0.00	65.87 5.72 0.00	83.13 6.47 0.00	81.37 6.09 0.00	81.55 5.76 0.00	81.58 5.72 0.00	61.93 4.12 0.00
DANSKAMMER__2 23589	28.34 1.44 0.00	34.77 1.62 0.00	37.87 1.72 0.00	34.13 1.54 0.00	40.12 1.66 0.00	42.06 2.02 0.00	46.63 2.74 0.00	54.41 3.57 0.00	42.11 2.71 0.00	35.02 2.35 0.00	51.48 3.56 0.00	54.47 3.86 0.00	51.90 3.74 0.02	53.33 3.97 0.21	47.70 3.19 0.06	92.40 6.41 0.11	92.78 7.24 0.00	79.12 6.71 0.00	65.87 5.72 0.00	83.13 6.47 0.00	81.37 6.09 0.00	81.55 5.76 0.00	81.58 5.72 0.00	61.93 4.12 0.00
DANSKAMMER__3 23590	28.34 1.44 0.00	34.77 1.62 0.00	37.87 1.72 0.00	34.13 1.54 0.00	40.12 1.66 0.00	42.06 2.02 0.00	46.63 2.74 0.00	54.41 3.57 0.00	42.11 2.71 0.00	35.02 2.35 0.00	51.48 3.56 0.00	54.47 3.86 0.00	51.90 3.74 0.02	53.33 3.97 0.21	47.70 3.19 0.06	92.40 6.41 0.11	92.78 7.24 0.00	79.12 6.71 0.00	65.87 5.72 0.00	83.13 6.47 0.00	81.37 6.09 0.00	81.55 5.76 0.00	81.58 5.72 0.00	61.93 4.12 0.00

DANSKAMMER___4 23591	28.34 1.44 0.00	34.77 1.62 0.00	37.87 1.72 0.00	34.13 1.54 0.00	40.12 1.66 0.00	42.06 2.02 0.00	46.63 2.74 0.00	54.41 3.57 0.00	42.11 2.71 0.00	35.02 2.35 0.00	51.48 3.56 0.00	54.47 3.86 0.00	51.90 3.74 0.02	53.33 3.97 0.21	47.70 3.19 0.06	92.40 6.41 0.11	92.78 7.24 0.00	79.12 6.71 0.00	65.87 5.72 0.00	83.13 6.47 0.00	81.37 6.09 0.00	81.55 5.76 0.00	81.58 5.72 0.00	61.93 4.12 0.00
DANSKAMMER___DIESEL 23592	28.34 1.44 0.00	34.77 1.62 0.00	37.87 1.72 0.00	34.13 1.54 0.00	40.12 1.66 0.00	42.06 2.02 0.00	46.62 2.74 0.00	54.41 3.57 0.00	42.11 2.71 0.00	35.02 2.35 0.00	51.49 3.56 0.00	54.47 3.86 0.00	51.90 3.74 0.02	53.28 3.93 0.21	47.71 3.20 0.06	92.40 6.41 0.11	92.79 7.24 0.00	79.11 6.70 0.00	65.87 5.71 0.00	83.12 6.47 0.00	81.37 6.09 0.00	81.56 5.76 0.00	81.58 5.72 0.00	61.93 4.12 0.00
DARBY___SOLAR 323810	28.37 1.48 0.00	34.98 1.83 0.00	38.05 1.90 0.00	34.27 1.68 0.00	40.53 2.06 0.00	42.52 2.48 0.00	46.89 3.01 0.00	54.76 3.92 0.00	42.19 2.79 0.00	34.65 1.98 0.00	56.98 3.02 -6.04	53.81 3.21 0.00	52.56 3.29 -1.09	54.02 3.41 -1.04	58.01 3.04 -10.39	93.25 6.23 -0.92	99.48 6.93 -7.01	86.75 6.22 -8.12	72.25 5.23 -6.86	82.79 6.14 0.00	81.21 5.93 0.00	81.49 5.70 0.00	81.45 5.59 0.00	61.90 4.09 0.00
DASHVILLE___HYD 23610	28.59 1.69 0.00	35.06 1.90 0.00	38.17 2.02 0.00	34.41 1.82 0.00	40.46 2.00 0.00	42.45 2.40 0.00	47.13 3.25 0.00	55.06 4.22 0.00	42.62 3.22 0.00	35.40 2.73 0.00	49.68 4.16 2.42	54.98 4.37 0.00	51.84 4.12 0.45	53.23 4.40 0.73	40.21 3.68 8.04	92.93 7.66 0.83	88.93 8.80 5.41	74.24 8.14 6.31	61.21 6.88 5.82	84.38 7.73 0.00	82.54 7.26 0.00	82.70 6.90 0.00	82.63 6.78 0.00	62.65 4.84 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	28.38 1.49 0.00	34.61 1.46 0.00	37.61 1.46 0.00	33.91 1.33 0.00	39.97 1.51 0.00	42.18 2.13 0.00	46.83 2.95 0.00	54.86 4.02 0.00	41.82 2.42 0.00	34.75 2.08 0.00	79.08 3.48 -27.68	54.25 3.64 0.00	56.73 3.55 -4.99	57.84 3.77 -4.51	93.61 2.34 -46.70	95.48 5.48 -3.89	123.71 7.82 -30.34	115.07 7.57 -35.09	96.68 6.85 -29.68	84.80 8.15 0.00	82.94 7.66 0.00	82.81 7.01 0.00	82.85 7.00 0.00	62.81 5.00 0.00
DELAWARE___LFGE 323621	27.47 0.58 0.00	33.91 0.76 0.00	36.98 0.83 0.00	33.38 0.79 0.00	39.35 0.89 0.00	40.93 0.89 0.00	45.11 1.23 0.00	52.35 1.52 0.00	40.57 1.18 0.00	33.64 0.97 0.00	44.78 1.19 4.34	51.92 1.31 0.00	48.70 1.36 0.84	49.60 1.49 1.46	38.16 1.28 7.70	87.67 2.56 1.00	83.39 2.88 5.03	69.67 2.65 5.40	58.82 2.50 3.83	79.50 2.85 0.00	78.10 2.82 0.00	78.45 2.65 0.00	78.55 2.70 0.00	59.78 1.97 0.00
DERFIELD_115KV_TB7 355931	26.92 0.03 0.00	33.19 0.04 0.00	36.19 0.04 0.00	32.61 0.02 0.00	38.46 0.00 0.00	40.08 0.03 0.00	43.97 0.08 0.00	50.98 0.14 0.00	39.48 0.08 0.00	32.76 0.08 0.00	48.07 0.14 0.00	50.81 0.20 0.00	48.40 0.22 0.00	49.81 0.25 0.00	44.76 0.19 0.00	86.45 0.35 0.00	86.01 0.46 0.00	72.92 0.51 0.00	60.63 0.48 0.00	77.11 0.46 0.00	75.80 0.52 0.00	76.29 0.50 0.00	76.32 0.47 0.00	58.14 0.33 0.00
DOGLEVILLE___HYD 23807	26.63 -0.27 0.00	32.91 -0.24 0.00	35.76 -0.39 0.00	32.27 -0.32 0.00	38.22 -0.24 0.00	40.05 0.00 0.00	44.45 0.57 0.00	51.90 1.07 0.00	39.88 0.48 0.00	32.59 -0.08 0.00	48.03 0.11 0.00	50.88 0.27 0.00	48.78 0.60 0.00	50.22 0.65 0.00	45.17 0.60 0.00	87.43 1.33 0.00	87.71 2.16 0.00	74.90 2.49 0.00	62.33 2.17 0.00	78.65 2.00 0.00	77.43 2.15 0.00	77.89 2.10 0.00	77.83 1.98 0.00	59.14 1.33 0.00
DUNKIRK___115KV_TB_200 55889	25.76 -1.13 0.00	31.81 -1.34 0.00	34.72 -1.43 0.00	31.38 -1.20 0.00	37.35 -1.11 0.00	38.75 -1.30 0.00	41.69 -2.19 0.00	46.04 -3.75 1.05	36.82 -2.55 0.03	30.88 -1.78 0.00	41.87 -3.81 2.25	46.45 -3.90 0.26	44.06 -3.55 0.57	37.20 -3.23 9.13	38.62 -2.83 3.13	76.42 -5.26 4.43	78.62 -5.21 1.71	66.30 -4.16 1.95	55.37 -3.31 1.47	71.74 -4.91 0.00	70.32 -4.96 0.00	70.72 -5.08 0.00	71.96 -3.90 0.00	55.15 -2.65 0.00
DUNKIRK___1 23563	25.76 -1.13 0.00	31.81 -1.34 0.00	34.72 -1.43 0.00	31.38 -1.20 0.00	37.35 -1.11 0.00	38.75 -1.30 0.00	41.69 -2.19 0.00	46.04 -3.75 1.05	36.82 -2.55 0.03	30.88 -1.78 0.00	41.87 -3.81 2.25	46.45 -3.90 0.26	44.06 -3.55 0.57	37.20 -3.23 9.13	38.62 -2.83 3.13	76.42 -5.26 4.43	78.62 -5.21 1.71	66.30 -4.16 1.95	55.37 -3.31 1.47	71.74 -4.91 0.00	70.32 -4.96 0.00	70.72 -5.08 0.00	71.96 -3.90 0.00	55.15 -2.65 0.00
DUNKIRK___2 23564	25.76 -1.13 0.00	31.81 -1.34 0.00	34.72 -1.43 0.00	31.38 -1.20 0.00	37.35 -1.11 0.00	38.75 -1.30 0.00	41.69 -2.19 0.00	46.04 -3.75 1.05	36.82 -2.55 0.03	30.88 -1.78 0.00	41.87 -3.81 2.25	46.45 -3.90 0.26	44.06 -3.55 0.57	37.20 -3.23 9.13	38.62 -2.83 3.13	76.42 -5.26 4.43	78.62 -5.21 1.71	66.30 -4.16 1.95	55.37 -3.31 1.47	71.74 -4.91 0.00	70.32 -4.96 0.00	70.72 -5.08 0.00	71.96 -3.90 0.00	55.15 -2.65 0.00
DUNKIRK___3 23565	25.82 -1.07 0.00	31.88 -1.27 0.00	34.80 -1.35 0.00	31.45 -1.13 0.00	37.42 -1.03 0.00	38.82 -1.22 0.00	41.77 -2.11 0.00	46.04 -3.64 1.16	36.88 -2.50 0.03	30.94 -1.73 0.00	41.73 -3.72 2.49	46.58 -3.81 0.22	44.15 -3.45 0.58	37.09 -3.14 9.34	38.62 -2.78 3.17	76.41 -5.17 4.52	78.71 -5.14 1.69	66.38 -4.10 1.92	55.41 -3.29 1.45	71.77 -4.88 0.00	70.33 -4.95 0.00	70.73 -5.07 0.00	71.95 -3.90 0.00	55.16 -2.65 0.00
DUNKIRK___4 23566	25.82 -1.07 0.00	31.88 -1.27 0.00	34.80 -1.35 0.00	31.45 -1.13 0.00	37.42 -1.03 0.00	38.82 -1.22 0.00	41.77 -2.11 0.00	46.04 -3.64 1.16	36.88 -2.50 0.03	30.94 -1.73 0.00	41.73 -3.72 2.49	46.58 -3.81 0.22	44.15 -3.45 0.58	37.09 -3.14 9.34	38.62 -2.78 3.17	76.41 -5.17 4.52	78.71 -5.14 1.69	66.38 -4.10 1.92	55.41 -3.29 1.45	71.77 -4.88 0.00	70.33 -4.95 0.00	70.73 -5.07 0.00	71.95 -3.90 0.00	55.16 -2.65 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	28.20 1.31 0.00	34.60 1.45 0.00	37.69 1.54 0.00	33.96 1.37 0.00	39.89 1.43 0.00	41.79 1.75 0.00	46.34 2.46 0.00	54.05 3.21 0.00	41.84 2.44 0.00	34.86 2.19 0.00	79.05 3.36 -27.76	54.37 3.76 0.00	56.88 3.69 -5.01	57.94 3.86 -4.52	94.34 2.93 -46.83	95.77 5.77 -3.90	122.44 6.47 -30.43	113.55 5.96 -35.18	95.01 5.10 -29.75	82.33 5.68 0.00	80.63 5.35 0.00	80.84 5.05 0.00	80.92 5.07 0.00	61.45 3.64 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	28.08 1.19 0.00	34.45 1.30 0.00	37.53 1.38 0.00	33.83 1.25 0.00	39.78 1.32 0.00	41.68 1.63 0.00	46.18 2.29 0.00	53.81 2.97 0.00	41.65 2.25 0.00	34.64 1.98 0.00	36.00 2.92 14.85	53.76 3.16 0.00	48.54 3.06 2.70	49.95 3.24 2.86	19.03 2.59 28.14	88.67 5.19 2.62	72.58 6.00 18.96	56.09 5.65 21.96	45.93 4.84 19.06	82.18 5.53 0.00	80.43 5.15 0.00	80.63 4.84 0.00	80.68 4.83 0.00	61.24 3.44 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	28.31 1.41 0.00	34.74 1.59 0.00	37.81 1.65 0.00	34.06 1.47 0.00	39.88 1.43 0.00	41.86 1.82 0.00	46.49 2.61 0.00	54.29 3.46 0.00	42.04 2.64 0.00	35.04 2.37 0.00	79.23 3.58 -27.72	54.50 3.89 0.00	57.01 3.83 -5.00	58.06 3.98 -4.52	94.31 2.96 -46.77	95.82 5.82 -3.90	122.56 6.63 -30.39	113.65 6.10 -35.14	95.00 5.12 -29.72	82.54 5.89 0.00	80.66 5.38 0.00	80.86 5.06 0.00	81.05 5.20 0.00	61.51 3.70 0.00
E179THST_13_KV_LOAD 356214	28.41 1.52 0.00	34.87 1.72 0.00	37.94 1.79 0.00	34.18 1.60 0.00	40.03 1.58 0.00	42.02 1.98 0.00	46.68 2.80 0.00	54.53 3.70 0.00	42.23 2.83 0.00	35.20 2.54 0.00	79.47 3.82 -27.72	54.75 4.15 0.00	57.24 4.06 -5.00	58.32 4.23 -4.52	94.55 3.20 -46.77	96.27 6.27 -3.90	123.04 7.10 -30.39	114.04 6.50 -35.14	95.34 5.47 -29.72	82.96 6.31 0.00	81.07 5.79 0.00	81.26 5.46 0.00	81.45 5.60 0.00	61.78 3.97 0.00
EAST HAMPTON___GT 23717	27.79 0.90 0.00	33.90 0.75 0.00	36.82 0.66 0.00	33.21 0.62 0.00	39.19 0.73 0.00	41.43 1.38 0.00	46.07 2.19 0.00	54.01 3.18 0.00	41.16 1.76 0.00	34.17 1.50 0.00	78.22 2.62 -27.68	53.32 2.71 0.00	55.82 2.65 -4.99	56.97 2.89 -4.51	92.51 1.24 -46.70	93.56 3.57 -3.89	122.43 6.54 -30.34	114.07 6.58 -35.09	95.86 6.04 -29.68	83.77 7.12 0.00	81.88 6.60 0.00	81.76 5.96 0.00	81.95 6.09 0.00	62.31 4.50 0.00
EAST RIVER___6 23660	28.31 1.42 0.00	34.70 1.56 0.00	37.80 1.64 0.00	34.05 1.47 0.00	39.91 1.45 0.00	41.88 1.84 0.00	46.45 2.57 0.00	54.23 3.40 0.00	42.08 2.68 0.00	35.10 2.43 0.00	79.35 3.68 -27.74	54.74 4.13 0.00	57.24 4.05 -5.01	58.37 4.28 -4.52	94.55 3.17 -46.80	96.23 6.23 -3.90	122.86 6.90 -30.41	113.81 6.25 -35.16	95.21 5.32 -29.74	82.56 5.91 0.00	80.79 5.51 0.00	80.97 5.18 0.00	81.08 5.22 0.00	61.61 3.80 0.00
EAST RIVER___7 23524	28.31 1.42 0.00	34.70 1.56 0.00	37.80 1.64 0.00	34.05 1.47 0.00	39.91 1.45 0.00	41.88 1.84 0.00	46.45 2.57 0.00	54.23 3.40 0.00	42.08 2.68 0.00	35.10 2.43 0.00	79.35 3.68 -27.74	54.74 4.13 0.00	57.24 4.05 -5.01	58.37 4.28 -4.52	94.55 3.17 -46.80	96.23 6.23 -3.90	122.86 6.90 -30.41	113.81 6.25 -35.16	95.21 5.32 -29.74	82.56 5.91 0.00	80.79 5.51 0.00	80.97 5.18 0.00	81.08 5.22 0.00	61.61 3.80 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	28.14 1.25 0.00	34.51 1.36 0.00	37.58 1.43 0.00	33.86 1.27 0.00	39.78 1.32 0.00	41.68 1.64 0.00	46.20 2.32 0.00	53.89 3.06 0.00	41.73 2.33 0.00	34.76 2.10 0.00	79.69 3.22 -28.54	54.18 3.58 0.00	56.86 3.53 -5.15	57.88 3.66 -4.65	95.47 2.78 -48.11	95.59 5.49 -4.01	122.92 6.17 -31.21	114.20 5.71 -36.08	95.57 4.90 -30.52	82.08 5.43 0.00	80.38 5.10 0.00	80.58 4.78 0.00	80.68 4.82 0.00	61.26 3.45 0.00
EAST_HAMPTON___DIESEL 23722	27.70 0.80 0.00	33.78 0.63 0.00	36.68 0.53 0.00	33.08 0.50 0.00	39.06 0.60 0.00	41.29 1.24 0.00	45.93 2.05 0.00	53.85 3.01 0.00	41.03 1.63 0.00	34.06 1.39 0.00	78.06 2.46 -27.68	53.15 2.54 0.00	55.66 2.48 -4.99	56.80 2.73 -4.51	92.38 1.11 -46.70	93.29 3.30 -3.89	122.13 6.24 -30.34	113.82 6.33 -35.09	95.66 5.83 -29.68	83.49 6.84 0.00	81.63 6.35 0.00	81.52 5.72 0.00	81.73 5.88 0.00	62.16 4.36 0.00
EAST_POINT___SOLAR 323840	28.41 1.51 0.00	35.03 1.89 0.00	38.27 2.12 0.00	34.50 1.91 0.00	40.86 2.40 0.00	42.62 2.58 0.00	46.89 3.01 0.00	54.51 3.67 0.00	41.90 2.51 0.00	34.64 1.98 0.00	54.30 2.35 -4.03	53.17 2.56 0.00	51.28 2.39 -0.71	52.71 2.65 -0.50	53.98 2.53 -6.87	92.19 5.57 -0.51	96.71 6.48 -4.69	83.71 5.82 -5.48	69.83 4.94 -4.73	82.76 6.11 0.00	81.17 5.89 0.00	81.51 5.71 0.00	81.49 5.63 0.00	61.91 4.10 0.00
EAST_PULASKI___ESR 323781	26.12 -0.78 0.00	32.17 -0.97 0.00	35.24 -0.91 0.00	31.66 -0.93 0.00	37.34 -1.12 0.00	38.81 -1.24 0.00	42.42 -1.46 0.00	49.13 -1.71 0.00	38.17 -1.23 0.00	31.73 -0.93 0.00	50.02 -1.65 -3.74	53.10 -1.74 -4.24	50.73 -1.55 -4.10	52.20 -1.51 -4.15	47.17 -1.27 -3.86	90.01 -2.37 -6.28	89.32 -2.43 -6.21	76.23 -1.61 -5.43	63.46 -1.42 -4.72	76.80 -1.68 -1.82	77.17 -1.56 -3.45	74.66 -1.55 -0.41	74.56 -1.30 0.00	56.78 -1.03 0.00
EAST_RIVER___1 323558	28.30 1.41 0.00	34.68 1.54 0.00	37.77 1.62 0.00	34.04 1.46 0.00	39.92 1.46 0.00	41.83 1.79 0.00	46.45 2.57 0.00	54.20 3.37 0.00	42.05 2.65 0.00	35.07 2.40 0.00	79.30 3.63 -27.74	54.66 4.06 0.00	57.18 3.99 -5.01	58.30 4.21 -4.52	94.47 3.09 -46.80	96.13 6.13 -3.90	122.77 6.82 -30.41	113.75 6.18 -35.16	95.12 5.23 -29.74	82.49 5.84 0.00	80.74 5.46 0.00	80.94 5.14 0.00	81.07 5.21 0.00	61.58 3.77 0.00
EAST_RIVER___2 323559	28.31 1.42 0.00	34.70 1.56 0.00	37.80 1.64 0.00	34.05 1.47 0.00	39.91 1.45 0.00	41.88 1.84 0.00	46.45 2.57 0.00	54.23 3.40 0.00	42.08 2.68 0.00	35.10 2.43 0.00	79.35 3.68 -27.74	54.74 4.13 0.00	57.24 4.05 -5.01	58.37 4.28 -4.52	94.55 3.17 -46.80	96.23 6.23 -3.90	122.86 6.90 -30.41	113.81 6.25 -35.16	95.21 5.32 -29.74	82.56 5.91 0.00	80.79 5.51 0.00	80.97 5.18 0.00	81.08 5.22 0.00	61.61 3.80 0.00
EAST___DELAWARE_HYD 23607	28.56 1.67 0.00	35.05 1.91 0.00	38.18 2.03 0.00	34.44 1.85 0.00	40.51 2.06 0.00	42.48 2.43 0.00	47.10 3.22 0.00	54.93 4.10 0.00	42.53 3.13 0.00	35.29 2.62 0.00	40.06 3.88 11.74	54.58 3.98 0.00	49.75 3.72 2.15	51.04 3.88 2.41	24.86 3.38 23.10	90.83 6.92 2.19	78.10 8.09 15.54	61.69 7.42 18.13	49.86 6.29 16.58	83.97 7.32 0.00	82.18 6.90 0.00	82.33 6.53 0.00	82.31 6.45 0.00	62.43 4.62 0.00
EIGHT_POINT___WT_PWR 323820	24.88 -2.01 0.00	30.71 -2.44 0.00	33.36 -2.79 0.00	30.12 -2.46 0.00	35.77 -2.69 0.00	37.05 -3.00 0.00	40.38 -3.50 0.00	49.64 -4.72 -3.53	35.97 -3.52 -0.09	29.68 -3.00 -0.01	49.82 -5.46 -7.36	45.48 -5.58 -0.45	42.75 -5.14 0.29	40.02 -4.92 4.62	38.11 -4.31 2.15	76.40 -7.30 2.40	77.26 -6.10 2.18	65.88 -4.06 2.47	55.69 -2.59 1.87	73.28 -3.37 0.00	72.14 -3.14 0.00	72.30 -3.50 0.00	73.31 -2.55 0.00	56.29 -1.52 0.00
ELBRIDGE_115KV_TB2 80188	26.57 -0.32 0.00	32.68 -0.46 0.00	35.65 -0.51 0.00	32.19 -0.40 0.00	38.02 -0.44 0.00	39.53 -0.51 0.00	43.29 -0.59 0.00	50.04 -0.80 0.00	38.82 -0.58 0.00	32.29 -0.38 0.00	46.91 -1.01 0.00	49.54 -1.06 0.00	47.27 -0.91 0.00	48.73 -0.84 0.00	43.84 -0.74 0.00	84.83 -1.27 0.00	84.40 -1.02 0.13	70.68 -0.66 1.08	59.65 -0.50 0.00	75.87 -0.78 0.00	74.45 -0.83 0.00	74.76 -1.03 0.00	74.88 -0.97 0.00	57.02 -0.79 0.00
ELEC_TRO_TEK 24086	28.38 1.49 0.00	34.74 1.59 0.00	37.81 1.66 0.00	34.06 1.48 0.00	40.00 1.54 0.00	41.99 1.95 0.00	46.56 2.68 0.00	54.37 3.53 0.00	41.84 2.44 0.00	34.90 2.23 0.00	79.19 3.58 -27.68	54.58 3.97 0.00	57.08 3.91 -4.99	58.20 4.13 -4.51	94.33 3.06 -46.70	96.09 6.10 -3.89	122.91 7.02 -30.34	114.11 6.61 -35.09	95.61 5.78 -29.68	83.30 6.65 0.00	81.64 6.36 0.00	81.73 5.93 0.00	81.68 5.83 0.00	61.96 4.15 0.00

ELLENBURG_WT_PWR 323604	1.53 -1.18 24.18	-12.01 -1.44 43.72	11.06 -1.48 23.61	13.89 -1.19 17.50	37.50 -0.96 0.00	39.10 -0.95 0.00	42.60 -1.28 0.00	49.06 -1.78 0.00	38.18 -1.22 0.00	31.30 -1.37 0.00	-15.48 -1.86 61.54	-21.28 -2.19 69.70	-21.28 -2.10 67.37	-21.31 -2.34 68.54	-21.29 -1.87 64.00	-21.52 -3.56 104.07	-21.40 -3.99 102.95	-21.26 -3.53 90.14	-21.24 -3.09 78.30	43.09 -3.34 30.22	15.14 -3.02 57.13	66.57 -2.51 6.72	75.37 -0.48 0.00	57.89 0.07 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	25.86 -1.04 0.00	31.93 -1.22 0.00	34.87 -1.28 0.00	31.53 -1.06 0.00	37.50 -0.96 0.00	38.85 -1.19 0.00	41.74 -2.14 0.00	45.91 -3.76 1.17	36.79 -2.57 0.03	30.88 -1.78 0.00	41.59 -3.82 2.51	46.48 -3.96 0.16	43.96 -3.61 0.61	36.39 -3.30 9.88	38.34 -2.95 3.29	75.83 -5.50 4.77	78.36 -5.55 1.63	65.84 -4.71 1.86	54.94 -3.81 1.40	71.13 -5.52 0.00	69.60 -5.68 0.00	70.00 -5.80 0.00	71.26 -4.59 0.00	54.69 -3.12 0.00
EMPIRE_CC_1 323656	27.51 0.62 0.00	33.94 0.79 0.00	36.97 0.82 0.00	33.27 0.69 0.00	39.20 0.74 0.00	40.98 0.94 0.00	44.95 1.07 0.00	52.38 1.55 0.00	40.42 1.02 0.00	33.45 0.78 0.00	56.65 1.34 -7.38	52.19 1.58 0.00	51.20 1.68 -1.34	52.52 1.68 -1.28	58.76 1.44 -12.75	89.61 2.38 -1.13	96.89 2.75 -8.59	85.04 2.68 -9.95	70.95 2.39 -8.40	79.26 2.61 0.00	77.84 2.56 0.00	78.22 2.42 0.00	78.22 2.37 0.00	59.73 1.92 0.00
EMPIRE_CC_2 323658	27.51 0.62 0.00	33.94 0.79 0.00	36.97 0.82 0.00	33.27 0.69 0.00	39.20 0.74 0.00	40.98 0.94 0.00	44.95 1.07 0.00	52.38 1.55 0.00	40.42 1.02 0.00	33.45 0.78 0.00	56.65 1.34 -7.38	52.19 1.58 0.00	51.20 1.68 -1.34	52.52 1.68 -1.28	58.76 1.44 -12.75	89.61 2.38 -1.13	96.89 2.75 -8.59	85.04 2.68 -9.95	70.95 2.39 -8.40	79.26 2.61 0.00	77.84 2.56 0.00	78.22 2.42 0.00	78.22 2.37 0.00	59.73 1.92 0.00
ENORWICH_115KV_TB1 80156	28.03 1.13 0.00	34.50 1.35 0.00	37.80 1.65 0.00	34.25 1.67 0.00	40.30 1.84 0.00	41.97 1.93 0.00	46.90 3.02 0.00	57.85 7.01 0.00	44.38 4.98 0.00	35.31 2.64 0.00	43.81 2.42 6.53	53.56 2.95 0.00	50.37 3.44 1.25	51.62 4.21 2.15	36.88 3.94 11.63	93.77 9.16 1.49	88.77 10.64 7.41	71.70 5.17 5.87	62.82 5.46 2.79	83.42 6.77 0.00	81.91 6.63 0.00	81.92 6.12 0.00	82.42 6.56 0.00	62.84 5.03 0.00
ERIE_ST_34_KV_TB1-2 80199	26.72 -0.17 0.00	32.98 -0.17 0.00	36.02 -0.13 0.00	32.57 -0.02 0.00	38.70 0.24 0.00	40.12 0.07 0.00	43.23 -0.65 0.00	47.96 -1.88 0.99	38.11 -1.26 0.03	31.98 -0.68 0.00	43.59 -2.19 2.15	48.36 -2.12 0.13	45.74 -1.86 0.57	38.95 -1.48 9.14	40.08 -1.37 3.12	79.11 -2.58 4.41	81.13 -2.72 1.69	68.25 -2.23 1.93	56.95 -1.74 1.46	73.70 -2.95 0.00	72.14 -3.14 0.00	72.52 -3.28 0.00	73.64 -2.22 0.00	56.38 -1.43 0.00
ERIE_WT_PWR 323693	26.06 -0.84 0.00	32.20 -0.95 0.00	35.15 -1.00 0.00	31.76 -0.82 0.00	37.78 -0.68 0.00	39.14 -0.90 0.00	42.10 -1.78 0.00	46.39 -3.32 1.12	37.13 -2.24 0.03	31.13 -1.53 0.00	42.07 -3.44 2.41	46.92 -3.55 0.14	44.46 -3.14 0.58	37.12 -3.10 9.34	38.76 -2.65 3.17	76.85 -4.75 4.50	79.07 -4.80 1.67	66.53 -3.98 1.90	55.56 -3.16 1.44	71.97 -4.68 0.00	70.39 -4.89 0.00	70.79 -5.01 0.00	72.07 -3.79 0.00	55.26 -2.55 0.00
ESPRGFLD_115KV_TB1 80157	27.74 0.85 0.00	34.23 1.09 0.00	37.41 1.26 0.00	33.79 1.20 0.00	39.96 1.50 0.00	41.53 1.49 0.00	45.60 1.72 0.00	52.89 2.05 0.00	41.19 1.80 0.00	34.15 1.48 0.00	49.48 1.56 0.00	52.14 1.53 0.00	49.68 1.53 0.03	50.99 1.74 0.32	46.75 1.63 -0.54	89.51 3.39 -0.02	90.83 3.80 -1.48	77.57 3.28 -1.89	64.79 2.75 -1.88	80.02 3.37 0.00	78.63 3.35 0.00	79.06 3.27 0.00	79.31 3.46 0.00	60.36 2.55 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	27.15 0.26 0.00	33.40 0.25 0.00	36.45 0.29 0.00	32.89 0.31 0.00	38.86 0.40 0.00	40.43 0.38 0.00	44.46 0.57 0.00	51.22 0.38 0.00	39.71 0.31 0.00	32.96 0.29 0.00	47.83 -0.09 0.00	50.53 -0.08 0.00	48.21 0.06 0.03	49.37 0.35 0.55	43.89 0.34 1.03	86.48 0.87 0.49	84.61 1.19 2.13	71.01 1.60 3.00	59.79 1.64 2.00	78.48 1.82 0.00	77.04 1.76 0.00	77.28 1.48 0.00	77.36 1.51 0.00	58.88 1.07 0.00
ETNA____115KV_TB2 80207	27.15 0.26 0.00	33.40 0.25 0.00	36.45 0.29 0.00	32.89 0.31 0.00	38.86 0.40 0.00	40.43 0.38 0.00	44.46 0.57 0.00	51.22 0.38 0.00	39.71 0.31 0.00	32.96 0.29 0.00	47.83 -0.09 0.00	50.53 -0.08 0.00	48.21 0.06 0.03	49.37 0.35 0.55	43.89 0.34 1.03	86.48 0.87 0.49	84.61 1.19 2.13	71.01 1.60 3.00	59.79 1.64 2.00	78.48 1.82 0.00	77.04 1.76 0.00	77.28 1.48 0.00	77.36 1.51 0.00	58.88 1.07 0.00
EUCLID____115KV_TB2 356179	26.40 -0.49 0.00	32.50 -0.65 0.00	35.44 -0.71 0.00	31.95 -0.63 0.00	37.74 -0.72 0.00	39.23 -0.82 0.00	42.90 -0.98 0.00	49.61 -1.23 0.00	38.51 -0.88 0.00	32.04 -0.63 0.00	46.69 -1.24 0.00	49.31 -1.30 0.00	47.03 -1.15 0.00	48.50 -1.06 0.00	43.63 -0.95 0.00	84.34 -1.76 0.00	83.91 -1.64 0.00	71.17 -1.24 0.00	59.20 -0.95 0.00	75.22 -1.43 0.00	73.82 -1.46 0.00	74.20 -1.60 0.00	74.31 -1.55 0.00	56.60 -1.22 0.00
E_CANADA_CAP_HY 24051	27.89 1.00 0.00	34.42 1.28 0.00	37.62 1.47 0.00	33.93 1.35 0.00	40.20 1.74 0.00	41.85 1.81 0.00	45.82 1.94 0.00	53.13 2.29 0.00	41.17 1.77 0.00	34.10 1.43 0.00	52.84 1.57 -3.34	52.14 1.53 0.00	50.25 1.48 -0.59	51.61 1.70 -0.35	51.85 1.60 -5.68	89.89 3.40 -0.39	93.24 3.81 -3.89	80.33 3.33 -4.58	67.00 2.83 -4.02	80.23 3.58 0.00	78.80 3.52 0.00	79.35 3.55 0.00	79.54 3.68 0.00	60.53 2.72 0.00
E_CANADA_MHWK_HY 24050	26.63 -0.27 0.00	32.91 -0.24 0.00	35.76 -0.39 0.00	32.27 -0.32 0.00	38.22 -0.24 0.00	40.05 0.00 0.00	44.45 0.57 0.00	51.90 1.07 0.00	39.88 0.48 0.00	32.59 -0.08 0.00	48.03 0.11 0.00	50.88 0.27 0.00	48.78 0.60 0.00	50.22 0.65 0.00	45.17 0.60 0.00	87.43 1.33 0.00	87.71 2.16 0.00	74.90 2.49 0.00	62.33 2.17 0.00	78.65 2.00 0.00	77.43 2.15 0.00	77.89 2.10 0.00	77.83 1.98 0.00	59.14 1.33 0.00
E_FISHKILL____LBMP 23776	28.04 1.14 0.00	34.41 1.27 0.00	37.47 1.32 0.00	33.75 1.16 0.00	39.65 1.19 0.00	41.54 1.50 0.00	46.01 2.13 0.00	53.68 2.84 0.00	41.56 2.16 0.00	34.60 1.93 0.00	71.25 3.03 -20.29	54.00 3.39 0.00	55.19 3.35 -3.66	56.34 3.47 -3.30	82.08 2.66 -34.84	94.30 5.23 -2.97	114.75 5.89 -23.31	104.79 5.43 -26.96	87.60 4.67 -22.78	81.66 5.01 0.00	79.97 4.68 0.00	80.21 4.41 0.00	80.33 4.48 0.00	61.03 3.22 0.00
FALCON____SEABRD_CC1 323796	0.28 -0.93 25.68	-14.38 -1.09 46.44	10.00 -1.07 25.08	13.14 -0.86 18.59	37.81 -0.65 0.00	39.39 -0.66 0.00	42.91 -0.97 0.00	49.44 -1.39 0.00	38.46 -0.94 0.00	31.49 -1.18 0.00	-15.62 -1.43 62.12	-21.41 -1.66 70.36	-21.41 -1.59 68.00	-21.49 -1.87 69.18	-21.47 -1.44 64.60	-21.55 -2.61 105.04	-21.48 -3.11 103.92	-21.56 -2.99 90.98	-21.59 -2.70 79.04	43.46 -2.69 30.50	15.31 -2.31 57.66	67.16 -1.86 6.78	75.97 0.12 0.00	58.37 0.56 0.00

FALCON___SEABRD_CC2 323797	0.28 -0.93 25.68	-14.38 -1.09 46.44	10.00 -1.07 25.08	13.14 -0.86 18.59	37.81 -0.65 0.00	39.39 -0.66 0.00	42.91 -0.97 0.00	49.44 -1.39 0.00	38.46 -0.94 0.00	31.49 -1.18 0.00	-15.62 -1.43 62.12	-21.41 -1.66 70.36	-21.41 -1.59 68.00	-21.49 -1.87 69.18	-21.47 -1.44 64.60	-21.55 -2.61 105.04	-21.48 -3.11 103.92	-21.56 -2.99 90.98	-21.59 -2.70 79.04	43.46 -2.69 30.50	15.31 -2.31 57.66	67.16 -1.86 6.78	75.97 0.12 0.00	58.37 0.56 0.00
FAR ROCKAWAY___4 23548	28.74 1.85 0.00	35.16 2.01 0.00	38.27 2.12 0.00	34.47 1.89 0.00	40.49 2.03 0.00	42.52 2.48 0.00	47.16 3.28 0.00	55.07 4.23 0.00	42.35 2.96 0.00	35.33 2.66 0.00	79.79 4.19 -27.68	55.20 4.59 0.00	57.67 4.50 -4.99	58.83 4.76 -4.51	94.88 3.61 -46.70	97.26 7.27 -3.89	123.84 7.95 -30.34	115.21 7.71 -35.09	96.52 6.69 -29.68	84.49 7.84 0.00	82.79 7.51 0.00	82.86 7.06 0.00	82.78 6.92 0.00	62.75 4.94 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	28.32 1.43 0.00	34.71 1.56 0.00	37.81 1.65 0.00	34.06 1.47 0.00	39.96 1.50 0.00	41.87 1.83 0.00	46.50 2.62 0.00	54.25 3.42 0.00	42.09 2.69 0.00	35.09 2.42 0.00	79.33 3.67 -27.74	54.69 4.09 0.00	57.21 4.02 -5.01	58.28 4.20 -4.52	94.49 3.12 -46.80	96.18 6.18 -3.90	122.81 6.86 -30.40	113.79 6.22 -35.16	95.16 5.27 -29.73	82.56 5.90 0.00	80.80 5.52 0.00	80.99 5.20 0.00	81.13 5.28 0.00	61.63 3.82 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	28.29 1.40 0.00	34.68 1.53 0.00	37.76 1.61 0.00	34.03 1.44 0.00	39.92 1.46 0.00	41.83 1.78 0.00	46.42 2.54 0.00	54.18 3.34 0.00	42.03 2.63 0.00	35.04 2.37 0.00	79.25 3.59 -27.74	54.61 4.01 0.00	57.13 3.94 -5.01	58.19 4.11 -4.52	94.43 3.05 -46.80	96.04 6.04 -3.90	122.66 6.72 -30.40	113.68 6.11 -35.16	95.06 5.17 -29.73	82.44 5.79 0.00	80.68 5.40 0.00	80.88 5.09 0.00	81.02 5.17 0.00	61.56 3.75 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	28.31 1.42 0.00	34.69 1.54 0.00	37.79 1.64 0.00	34.05 1.47 0.00	39.95 1.48 0.00	41.86 1.82 0.00	46.46 2.58 0.00	54.23 3.39 0.00	42.07 2.67 0.00	35.07 2.40 0.00	79.31 3.64 -27.74	54.66 4.06 0.00	57.18 3.99 -5.01	58.25 4.16 -4.52	94.47 3.10 -46.80	96.13 6.13 -3.90	122.77 6.82 -30.40	113.76 6.19 -35.16	95.12 5.23 -29.73	82.50 5.85 0.00	80.75 5.47 0.00	80.95 5.16 0.00	81.09 5.24 0.00	61.61 3.80 0.00
FARRAGUT___LBMP 323566	28.29 1.40 0.00	34.68 1.53 0.00	37.76 1.61 0.00	34.03 1.44 0.00	39.92 1.46 0.00	41.83 1.78 0.00	46.42 2.54 0.00	54.18 3.34 0.00	42.03 2.63 0.00	35.04 2.37 0.00	79.25 3.59 -27.74	54.61 4.01 0.00	57.13 3.94 -5.01	58.19 4.11 -4.52	94.43 3.05 -46.80	96.04 6.04 -3.90	122.66 6.72 -30.40	113.68 6.11 -35.16	95.06 5.17 -29.73	82.44 5.79 0.00	80.68 5.40 0.00	80.88 5.09 0.00	81.02 5.17 0.00	61.56 3.75 0.00
FENNER___WINDPWR 24204	27.06 0.17 0.00	33.37 0.22 0.00	36.42 0.26 0.00	32.83 0.24 0.00	38.80 0.34 0.00	40.39 0.34 0.00	44.51 0.63 0.00	51.46 0.63 0.00	39.93 0.52 0.00	33.12 0.45 0.00	50.16 0.56 -1.68	53.24 0.74 -1.90	50.70 0.70 -1.82	52.27 0.89 -1.81	46.55 0.75 -1.23	90.35 1.59 -2.66	88.72 1.55 -1.63	75.08 1.49 -1.18	63.58 1.33 -2.11	78.92 1.46 -0.81	78.35 1.53 -1.54	77.45 1.48 -0.18	77.39 1.53 0.00	58.89 1.08 0.00
FIBERTEK___ENERGY 23856	26.72 -0.17 0.00	32.87 -0.28 0.00	35.84 -0.31 0.00	32.34 -0.25 0.00	38.20 -0.25 0.00	39.73 -0.32 0.00	43.51 -0.37 0.00	50.32 -0.52 0.00	39.02 -0.37 0.00	32.45 -0.22 0.00	47.21 -0.71 0.00	49.87 -0.73 0.00	47.58 -0.60 0.00	49.06 -0.51 0.00	44.13 -0.45 0.00	85.40 -0.69 0.00	85.06 -0.48 0.00	72.19 -0.21 0.00	60.04 -0.11 0.00	76.32 -0.33 0.00	74.89 -0.39 0.00	75.21 -0.59 0.00	75.32 -0.53 0.00	57.33 -0.48 0.00
FITZPATRICK____ 23598	26.05 -0.84 0.00	32.06 -1.09 0.00	34.95 -1.20 0.00	31.52 -1.06 0.00	37.21 -1.25 0.00	38.68 -1.37 0.00	42.23 -1.65 0.00	48.82 -2.01 0.00	37.90 -1.50 0.00	31.52 -1.15 0.00	45.96 -1.97 0.00	48.52 -2.08 0.00	46.27 -1.93 -0.01	47.64 -1.92 0.00	42.89 -1.69 0.00	82.91 -3.20 0.00	82.46 -3.08 0.00	69.92 -2.49 0.00	58.13 -2.03 0.00	73.92 -2.73 0.00	72.57 -2.71 0.00	72.96 -2.83 0.00	73.12 -2.74 0.00	55.69 -2.12 0.00
FLOWRFLD_69_KV_BK1 356044	28.73 1.84 0.00	35.03 1.88 0.00	38.09 1.94 0.00	34.33 1.74 0.00	40.37 1.91 0.00	42.48 2.43 0.00	47.10 3.21 0.00	55.09 4.26 0.00	41.92 2.52 0.00	34.94 2.28 0.00	79.65 4.05 -27.68	54.92 4.31 0.00	57.44 4.26 -4.99	58.63 4.56 -4.51	94.71 3.44 -46.70	97.08 7.09 -3.89	124.35 8.46 -30.34	115.19 7.69 -35.09	96.93 7.10 -29.68	85.22 8.56 0.00	83.40 8.12 0.00	83.32 7.52 0.00	83.29 7.44 0.00	62.98 5.17 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	28.39 1.50 0.00	34.84 1.69 0.00	37.94 1.79 0.00	34.19 1.60 0.00	40.20 1.74 0.00	42.15 2.10 0.00	46.72 2.84 0.00	54.53 3.69 0.00	42.20 2.81 0.00	35.10 2.43 0.00	55.79 3.68 -4.18	54.60 4.00 0.00	52.77 3.85 -0.74	54.11 4.08 -0.47	53.53 3.30 -5.65	93.12 6.64 -0.39	96.75 7.44 -3.76	83.60 6.86 -4.33	69.42 5.85 -3.41	83.29 6.64 0.00	81.52 6.24 0.00	81.73 5.93 0.00	81.74 5.89 0.00	62.05 4.24 0.00
FORT ORANGE____ 23900	27.42 0.53 0.00	33.83 0.68 0.00	36.86 0.71 0.00	33.18 0.59 0.00	39.12 0.66 0.00	40.82 0.78 0.00	44.83 0.95 0.00	52.04 1.20 0.00	40.14 0.75 0.00	33.20 0.53 0.00	54.98 1.22 -5.83	52.11 1.51 0.00	50.66 1.42 -1.06	52.03 1.46 -1.00	55.78 1.31 -9.89	89.12 2.14 -0.88	94.93 2.71 -6.67	82.76 2.63 -7.72	68.94 2.28 -6.51	79.08 2.43 0.00	77.64 2.36 0.00	77.97 2.17 0.00	77.96 2.11 0.00	59.55 1.74 0.00
FORT_DRUM_COGEN 23780	25.40 -1.49 0.00	31.41 -1.74 0.00	34.83 -1.32 0.00	30.96 -1.63 0.00	36.42 -2.04 0.00	37.82 -2.23 0.00	41.61 -2.28 0.00	48.29 -2.55 0.00	37.72 -1.68 0.00	31.40 -1.27 0.00	57.71 -1.50 -11.29	61.84 -1.55 -12.78	59.28 -1.26 -12.35	60.90 -1.22 -12.56	55.45 -0.84 -11.72	103.64 -1.52 -19.06	102.32 -2.08 -18.85	88.35 -0.56 -16.50	73.53 -0.96 -14.33	82.01 -0.17 -5.54	86.11 0.36 -10.47	77.85 0.82 -1.23	77.73 1.87 0.00	59.21 1.40 0.00
FOX_HILLS___ESR 323835	28.36 1.47 0.00	34.77 1.62 0.00	37.87 1.72 0.00	34.12 1.54 0.00	40.02 1.57 0.00	41.97 1.93 0.00	46.62 2.74 0.00	54.32 3.48 0.00	42.13 2.73 0.00	35.13 2.46 0.00	79.27 3.62 -27.72	54.59 3.98 0.00	57.09 3.91 -5.00	58.14 4.06 -4.52	94.28 2.93 -46.77	95.91 5.91 -3.90	122.68 6.75 -30.39	113.78 6.23 -35.14	95.11 5.24 -29.72	82.56 5.91 0.00	80.72 5.44 0.00	80.92 5.12 0.00	81.12 5.26 0.00	61.64 3.83 0.00
FPL FAR_ROCK_GT1 24212	28.74 1.85 0.00	35.16 2.01 0.00	38.27 2.12 0.00	34.47 1.88 0.00	40.48 2.03 0.00	42.52 2.47 0.00	47.16 3.28 0.00	55.07 4.23 0.00	42.35 2.96 0.00	35.33 2.66 0.00	79.78 4.18 -27.68	55.20 4.60 0.00	57.67 4.50 -4.99	58.87 4.80 -4.51	94.87 3.60 -46.70	97.26 7.27 -3.89	123.84 7.95 -30.34	115.22 7.72 -35.09	96.53 6.70 -29.68	84.49 7.84 0.00	82.79 7.51 0.00	82.86 7.06 0.00	82.78 6.92 0.00	62.75 4.94 0.00

FPL FAR_ROCK_GT2 23815	28.74 1.85 0.00	35.16 2.01 0.00	38.27 2.12 0.00	34.47 1.88 0.00	40.48 2.03 0.00	42.52 2.47 0.00	47.16 3.28 0.00	55.07 4.23 0.00	42.35 2.96 0.00	35.33 2.66 0.00	79.78 4.18 -27.68	55.20 4.60 0.00	57.67 4.50 -4.99	58.87 4.80 -4.51	94.87 3.60 -46.70	97.26 7.27 -3.89	123.84 7.95 -30.34	115.22 7.72 -35.09	96.53 6.70 -29.68	84.49 7.84 0.00	82.79 7.51 0.00	82.86 7.06 0.00	82.78 6.92 0.00	62.75 4.94 0.00
FRANKLIN_FALL_HYD 24054	27.52 -1.07 -1.70	34.93 -1.30 -3.08	36.56 -1.25 -1.66	32.73 -1.09 -1.23	37.53 -0.93 0.00	38.76 -1.29 0.00	42.26 -1.62 0.00	48.83 -2.00 0.00	38.21 -1.19 0.00	31.47 -1.20 0.00	122.15 -0.97 -75.19	134.27 -1.49 -85.16	129.19 -1.30 -82.31	131.71 -1.59 -83.73	121.67 -1.09 -78.18	211.43 -1.80 -127.12	208.56 -2.74 -125.75	180.02 -2.49 -110.10	153.49 -2.31 -95.64	111.23 -2.35 -36.93	143.44 -1.70 -69.86	82.81 -1.20 -8.21	77.10 1.25 0.00	59.22 1.41 0.00
FREEPORT_EQUS_GT1 23764	28.56 1.67 0.00	34.92 1.77 0.00	37.98 1.83 0.00	34.22 1.63 0.00	40.21 1.75 0.00	42.23 2.19 0.00	46.82 2.94 0.00	54.72 3.88 0.00	42.07 2.67 0.00	35.05 2.39 0.00	79.41 3.81 -27.68	54.77 4.16 0.00	57.27 4.10 -4.99	58.45 4.38 -4.51	94.45 3.17 -46.70	96.08 6.09 -3.89	122.90 7.01 -30.34	114.44 6.94 -35.09	95.96 6.13 -29.68	83.80 7.15 0.00	82.17 6.89 0.00	82.38 6.58 0.00	82.35 6.50 0.00	62.39 4.58 0.00
FREEPORT___CT2 23818	28.56 1.67 0.00	34.92 1.77 0.00	37.98 1.83 0.00	34.22 1.63 0.00	40.21 1.75 0.00	42.23 2.19 0.00	46.82 2.94 0.00	54.72 3.88 0.00	42.07 2.67 0.00	35.05 2.39 0.00	79.41 3.81 -27.68	54.77 4.16 0.00	57.27 4.10 -4.99	58.45 4.38 -4.51	94.45 3.17 -46.70	96.08 6.09 -3.89	122.90 7.01 -30.34	114.44 6.94 -35.09	95.96 6.13 -29.68	83.80 7.15 0.00	82.17 6.89 0.00	82.38 6.58 0.00	82.35 6.50 0.00	62.39 4.58 0.00
FRESHKLS_33_KV_LOAD 356253	28.38 1.48 0.00	34.77 1.63 0.00	37.88 1.73 0.00	34.14 1.56 0.00	40.05 1.60 0.00	42.01 1.97 0.00	46.66 2.78 0.00	54.31 3.47 0.00	42.12 2.72 0.00	35.09 2.42 0.00	79.18 3.53 -27.72	54.46 3.85 0.00	56.96 3.78 -5.00	58.01 3.93 -4.52	94.19 2.84 -46.77	95.83 5.84 -3.90	122.68 6.75 -30.39	113.81 6.26 -35.14	95.14 5.27 -29.72	82.60 5.95 0.00	80.74 5.46 0.00	80.95 5.15 0.00	81.16 5.31 0.00	61.67 3.86 0.00
FULTON COGEN____ 23766	26.27 -0.62 0.00	32.34 -0.81 0.00	35.27 -0.88 0.00	31.78 -0.80 0.00	37.52 -0.94 0.00	39.03 -1.02 0.00	42.68 -1.20 0.00	49.38 -1.46 0.00	38.32 -1.08 0.00	31.86 -0.81 0.00	46.35 -1.58 0.00	48.93 -1.68 0.00	46.65 -1.53 0.00	48.11 -1.45 0.00	43.29 -1.29 0.00	83.71 -2.40 0.00	83.38 -2.17 0.00	70.73 -1.67 0.00	58.83 -1.32 0.00	74.76 -1.89 0.00	73.39 -1.89 0.00	73.74 -2.06 0.00	73.81 -2.05 0.00	56.19 -1.62 0.00
FULTON___LFGE 323630	28.19 1.30 0.00	34.77 1.63 0.00	37.95 1.80 0.00	34.21 1.62 0.00	40.47 2.01 0.00	42.21 2.17 0.00	46.42 2.54 0.00	53.98 3.15 0.00	41.57 2.18 0.00	34.32 1.65 0.00	54.24 2.11 -4.20	52.74 2.13 0.00	51.13 2.21 -0.75	52.56 2.46 -0.54	54.07 2.32 -7.18	91.61 4.97 -0.54	96.02 5.59 -4.89	83.11 4.99 -5.71	69.29 4.23 -4.91	81.84 5.19 0.00	80.32 5.04 0.00	80.67 4.88 0.00	80.67 4.82 0.00	61.31 3.50 0.00
G.F.CEMENT___DRP 24184	28.72 1.83 0.00	35.37 2.23 0.00	38.48 2.33 0.00	34.68 2.09 0.00	41.05 2.59 0.00	43.18 3.13 0.00	47.64 3.76 0.00	55.81 4.97 0.00	43.01 3.61 0.00	35.25 2.58 0.00	57.62 3.83 -5.86	54.69 4.08 0.00	53.35 4.11 -1.06	54.75 4.17 -1.01	58.45 3.78 -10.09	94.80 7.80 -0.90	101.07 8.72 -6.81	88.05 7.75 -7.89	73.32 6.50 -6.67	84.29 7.63 0.00	82.58 7.30 0.00	82.83 7.03 0.00	82.72 6.87 0.00	62.80 4.99 0.00
GARDENVILLE___LBMP 24039	25.95 -0.95 0.00	32.02 -1.12 0.00	34.97 -1.19 0.00	31.62 -0.97 0.00	37.60 -0.86 0.00	38.96 -1.09 0.00	41.88 -2.01 0.00	46.00 -3.55 1.29	36.93 -2.43 0.03	30.98 -1.68 0.00	41.50 -3.66 2.77	46.66 -3.77 0.18	44.17 -3.42 0.59	36.96 -3.10 9.51	38.60 -2.77 3.21	76.34 -5.17 4.59	78.69 -5.19 1.67	66.18 -4.33 1.90	55.25 -3.47 1.43	71.56 -5.09 0.00	70.05 -5.23 0.00	70.45 -5.34 0.00	71.68 -4.17 0.00	55.00 -2.82 0.00
GARDNVLA_35_KV_LD 355827	26.11 -0.78 0.00	32.24 -0.91 0.00	35.21 -0.94 0.00	31.82 -0.76 0.00	37.84 -0.62 0.00	39.21 -0.83 0.00	42.18 -1.70 0.00	46.55 -3.23 1.06	37.18 -2.19 0.03	31.18 -1.48 0.00	42.26 -3.38 2.28	47.03 -3.45 0.13	44.52 -3.09 0.58	37.53 -2.75 9.28	38.97 -2.46 3.15	77.07 -4.56 4.47	79.27 -4.60 1.67	66.67 -3.84 1.91	55.65 -3.07 1.44	72.13 -4.53 0.00	70.57 -4.70 0.00	70.97 -4.83 0.00	72.19 -3.66 0.00	55.35 -2.46 0.00
GELCKHM___115KV_LOAD 80723	26.53 -0.36 0.00	32.64 -0.51 0.00	35.59 -0.56 0.00	32.10 -0.48 0.00	37.91 -0.55 0.00	39.42 -0.63 0.00	43.14 -0.74 0.00	49.88 -0.95 0.00	38.76 -0.64 0.00	32.24 -0.43 0.00	46.95 -0.98 0.00	49.59 -1.01 0.00	47.32 -0.86 0.00	48.79 -0.78 0.00	43.89 -0.69 0.00	84.75 -1.35 0.00	84.33 -1.21 0.00	71.56 -0.85 0.00	59.52 -0.63 0.00	75.65 -1.01 0.00	74.23 -1.05 0.00	74.58 -1.21 0.00	74.70 -1.16 0.00	56.87 -0.94 0.00
GENERAL___MILLS 23808	26.07 -0.82 0.00	32.19 -0.95 0.00	35.15 -1.01 0.00	31.77 -0.81 0.00	37.79 -0.67 0.00	39.15 -0.90 0.00	42.10 -1.78 0.00	46.41 -3.30 1.12	37.11 -2.26 0.03	31.13 -1.54 0.00	42.06 -3.45 2.41	46.93 -3.53 0.14	44.42 -3.18 0.58	37.37 -2.85 9.34	38.86 -2.56 3.17	76.85 -4.75 4.50	79.09 -4.78 1.67	66.52 -3.99 1.90	55.53 -3.19 1.44	71.94 -4.72 0.00	70.42 -4.87 0.00	70.79 -5.00 0.00	72.04 -3.82 0.00	55.24 -2.57 0.00
GE_PLASTICS___DRP 24183	27.34 0.45 0.00	33.73 0.59 0.00	36.75 0.60 0.00	33.10 0.51 0.00	39.02 0.56 0.00	40.69 0.65 0.00	44.75 0.87 0.00	52.04 1.21 0.00	40.19 0.79 0.00	33.32 0.65 0.00	55.06 1.26 -5.87	52.12 1.51 0.00	50.74 1.50 -1.06	52.09 1.51 -1.01	55.89 1.31 -10.01	89.25 2.26 -0.89	94.93 2.63 -6.75	82.73 2.50 -7.81	68.93 2.18 -6.59	79.00 2.35 0.00	77.58 2.30 0.00	77.97 2.18 0.00	78.01 2.15 0.00	59.50 1.69 0.00
GILBOA___1 23756	27.45 0.56 0.00	34.02 0.87 0.00	37.08 0.92 0.00	33.40 0.81 0.00	39.35 0.89 0.00	40.79 0.74 0.00	44.92 1.04 0.00	52.21 1.38 0.00	40.39 0.99 0.00	33.52 0.85 0.00	52.77 1.31 -3.53	52.09 1.48 0.00	50.32 1.52 -0.62	51.52 1.58 -0.37	51.89 1.27 -6.04	88.83 2.31 -0.42	92.20 2.52 -4.13	79.53 2.32 -4.79	66.32 2.13 -4.04	78.98 2.33 0.00	77.67 2.39 0.00	78.07 2.27 0.00	78.19 2.34 0.00	59.52 1.71 0.00
GILBOA___2 23757	27.45 0.56 0.00	34.02 0.87 0.00	37.08 0.92 0.00	33.40 0.81 0.00	39.35 0.89 0.00	40.79 0.74 0.00	44.92 1.04 0.00	52.21 1.38 0.00	40.39 0.99 0.00	33.52 0.85 0.00	52.77 1.31 -3.53	52.09 1.48 0.00	50.32 1.52 -0.62	51.52 1.58 -0.37	51.89 1.27 -6.04	88.83 2.31 -0.42	92.20 2.52 -4.13	79.53 2.32 -4.79	66.32 2.13 -4.04	78.98 2.33 0.00	77.67 2.39 0.00	78.07 2.27 0.00	78.19 2.34 0.00	59.52 1.71 0.00

GILBOA___3 23758	27.45 0.56 0.00	34.02 0.87 0.00	37.08 0.92 0.00	33.40 0.81 0.00	39.35 0.89 0.00	40.79 0.74 0.00	44.92 1.04 0.00	52.21 1.38 0.00	40.39 0.99 0.00	33.52 0.85 0.00	52.77 1.31 -3.53	52.09 1.48 0.00	50.32 1.52 -0.62	51.52 1.58 -0.37	51.89 1.27 -6.04	88.83 2.31 -0.42	92.20 2.52 -4.13	79.53 2.32 -4.79	66.32 2.13 -4.04	78.98 2.33 0.00	77.67 2.39 0.00	78.07 2.27 0.00	78.19 2.34 0.00	59.52 1.71 0.00
GILBOA___4 23759	27.45 0.56 0.00	34.02 0.87 0.00	37.08 0.92 0.00	33.40 0.81 0.00	39.35 0.89 0.00	40.79 0.74 0.00	44.92 1.04 0.00	52.21 1.38 0.00	40.39 0.99 0.00	33.52 0.85 0.00	52.77 1.31 -3.53	52.09 1.48 0.00	50.32 1.52 -0.62	51.52 1.58 -0.37	51.89 1.27 -6.04	88.83 2.31 -0.42	92.20 2.52 -4.13	79.53 2.32 -4.79	66.32 2.13 -4.04	78.98 2.33 0.00	77.67 2.39 0.00	78.07 2.27 0.00	78.19 2.34 0.00	59.52 1.71 0.00
GILBOA___ 23599	27.45 0.56 0.00	34.02 0.87 0.00	37.08 0.92 0.00	33.40 0.81 0.00	39.35 0.89 0.00	40.79 0.75 0.00	44.92 1.04 0.00	52.22 1.38 0.00	40.39 1.00 0.00	33.52 0.85 0.00	52.77 1.31 -3.53	52.09 1.48 0.00	50.32 1.52 -0.62	51.51 1.58 -0.37	51.89 1.27 -6.04	88.83 2.31 -0.42	92.20 2.53 -4.13	79.52 2.32 -4.79	66.32 2.13 -4.04	78.99 2.33 0.00	77.67 2.39 0.00	78.07 2.27 0.00	78.19 2.34 0.00	59.52 1.71 0.00
GINNA___ 23603	25.14 -1.75 0.00	30.98 -2.17 0.00	33.83 -2.33 0.00	30.56 -2.03 0.00	36.24 -2.22 0.00	37.71 -2.34 0.00	41.02 -2.86 0.00	47.00 -3.84 0.00	36.64 -2.76 0.00	30.60 -2.08 0.00	44.24 -3.69 0.00	46.66 -3.95 0.00	44.54 -3.71 -0.06	46.80 -3.64 -0.88	41.17 -3.13 0.27	80.61 -5.75 -0.26	78.70 -5.67 1.17	66.48 -4.76 1.16	56.19 -3.97 0.00	71.13 -5.52 0.00	69.61 -5.67 0.00	69.90 -5.89 0.00	70.34 -5.51 0.00	53.65 -4.16 0.00
GLEN PARK___ 23778	25.55 -1.35 0.00	31.59 -1.56 0.00	35.01 -1.14 0.00	31.15 -1.43 0.00	36.67 -1.79 0.00	38.08 -1.97 0.00	41.94 -1.94 0.00	48.67 -2.17 0.00	38.00 -1.40 0.00	31.63 -1.04 0.00	57.33 -1.30 -10.71	61.43 -1.31 -12.13	58.95 -0.95 -11.72	60.66 -0.81 -11.91	55.25 -0.45 -11.12	103.46 -0.71 -18.07	102.00 -1.43 -17.88	88.07 0.01 -15.65	73.27 -0.48 -13.60	82.29 0.39 -5.25	86.05 0.84 -9.93	78.17 1.21 -1.17	78.02 2.16 0.00	59.38 1.57 0.00
GLENDALE_27_KV_LOAD 356172	28.41 1.52 0.00	34.83 1.68 0.00	37.94 1.79 0.00	34.18 1.59 0.00	40.09 1.63 0.00	42.01 1.96 0.00	46.68 2.80 0.00	54.49 3.65 0.00	42.27 2.87 0.00	35.25 2.58 0.00	79.57 3.92 -27.72	54.95 4.34 0.00	57.42 4.24 -5.00	58.49 4.41 -4.52	94.67 3.31 -46.77	96.57 6.57 -3.90	123.24 7.30 -30.39	114.21 6.66 -35.14	95.50 5.62 -29.72	83.06 6.41 0.00	81.20 5.93 0.00	81.37 5.58 0.00	81.50 5.65 0.00	61.89 4.08 0.00
GLENWOOD_IC_1_G5 23712	28.39 1.50 0.00	34.77 1.62 0.00	37.84 1.69 0.00	34.10 1.51 0.00	40.07 1.61 0.00	42.04 1.99 0.00	46.62 2.74 0.00	54.43 3.59 0.00	42.00 2.60 0.00	35.01 2.34 0.00	79.28 3.68 -27.68	54.76 4.15 0.00	57.25 4.07 -4.99	58.37 4.30 -4.51	94.54 3.27 -46.70	96.46 6.47 -3.89	123.22 7.33 -30.34	114.30 6.81 -35.09	95.71 5.88 -29.68	83.39 6.74 0.00	81.66 6.38 0.00	81.79 5.99 0.00	81.73 5.87 0.00	61.99 4.18 0.00
GLENWOOD_IC_2_G1 23688	28.28 1.39 0.00	34.65 1.50 0.00	37.72 1.57 0.00	33.99 1.40 0.00	39.93 1.47 0.00	41.87 1.83 0.00	46.42 2.54 0.00	54.18 3.34 0.00	41.86 2.46 0.00	34.88 2.21 0.00	79.08 3.48 -27.68	54.54 3.93 0.00	57.03 3.85 -4.99	58.16 4.08 -4.51	94.32 3.04 -46.70	96.04 6.05 -3.89	122.72 6.83 -30.34	113.85 6.36 -35.09	95.31 5.48 -29.68	82.86 6.21 0.00	81.14 5.87 0.00	81.30 5.50 0.00	81.29 5.44 0.00	61.69 3.88 0.00
GLENWOOD_IC_3_G1 23689	28.28 1.39 0.00	34.65 1.50 0.00	37.72 1.57 0.00	33.99 1.40 0.00	39.93 1.47 0.00	41.87 1.83 0.00	46.42 2.54 0.00	54.18 3.34 0.00	41.86 2.46 0.00	34.88 2.21 0.00	79.08 3.48 -27.68	54.54 3.93 0.00	57.03 3.85 -4.99	58.16 4.08 -4.51	94.32 3.04 -46.70	96.04 6.05 -3.89	122.72 6.83 -30.34	113.85 6.36 -35.09	95.31 5.48 -29.68	82.86 6.21 0.00	81.14 5.87 0.00	81.30 5.50 0.00	81.29 5.44 0.00	61.69 3.88 0.00
GLENWOOD___4 23550	28.39 1.50 0.00	34.77 1.62 0.00	37.84 1.69 0.00	34.10 1.51 0.00	40.07 1.61 0.00	42.04 1.99 0.00	46.62 2.74 0.00	54.43 3.59 0.00	42.00 2.60 0.00	35.01 2.34 0.00	79.28 3.68 -27.68	54.76 4.15 0.00	57.25 4.07 -4.99	58.37 4.30 -4.51	94.54 3.27 -46.70	96.46 6.47 -3.89	123.22 7.33 -30.34	114.30 6.81 -35.09	95.71 5.88 -29.68	83.39 6.74 0.00	81.66 6.38 0.00	81.79 5.99 0.00	81.73 5.87 0.00	61.99 4.18 0.00
GLENWOOD___5 23614	28.39 1.50 0.00	34.77 1.62 0.00	37.84 1.69 0.00	34.10 1.51 0.00	40.07 1.61 0.00	42.04 1.99 0.00	46.62 2.74 0.00	54.43 3.59 0.00	42.00 2.60 0.00	35.01 2.34 0.00	79.28 3.68 -27.68	54.76 4.15 0.00	57.25 4.07 -4.99	58.37 4.30 -4.51	94.54 3.27 -46.70	96.46 6.47 -3.89	123.22 7.33 -30.34	114.30 6.81 -35.09	95.71 5.88 -29.68	83.39 6.74 0.00	81.66 6.38 0.00	81.79 5.99 0.00	81.73 5.87 0.00	61.99 4.18 0.00
GLOBAL GREEN_PORT_GT1 23814	28.16 1.27 0.00	34.35 1.20 0.00	37.32 1.17 0.00	33.65 1.07 0.00	39.71 1.25 0.00	41.94 1.90 0.00	46.64 2.76 0.00	54.65 3.82 0.00	41.65 2.25 0.00	34.58 1.92 0.00	78.82 3.22 -27.68	53.96 3.35 0.00	56.43 3.26 -4.99	57.61 3.53 -4.51	92.75 1.48 -46.70	94.09 4.10 -3.89	123.50 7.62 -30.34	114.97 7.47 -35.09	96.61 6.78 -29.68	84.71 8.06 0.00	82.81 7.53 0.00	82.66 6.86 0.00	82.79 6.94 0.00	62.83 5.02 0.00
GLOBE___DSASP 323697	25.18 -1.71 0.00	31.10 -2.04 0.00	34.00 -2.15 0.00	30.77 -1.82 0.00	36.59 -1.87 0.00	37.89 -2.16 0.00	40.46 -3.42 0.00	44.58 -5.38 0.87	35.64 -3.74 0.02	29.95 -2.72 0.00	40.73 -5.33 1.87	44.91 -5.59 0.11	42.33 -5.20 0.66	33.90 -5.00 10.66	36.74 -4.39 3.45	72.61 -8.39 5.10	75.47 -8.54 1.54	63.19 -7.47 1.75	52.66 -6.17 1.32	68.16 -8.49 0.00	66.67 -8.61 0.00	67.07 -8.73 0.00	68.55 -7.31 0.00	52.90 -4.91 0.00
GOETHSLN___LBMP 323567	28.23 1.34 0.00	34.58 1.43 0.00	37.67 1.52 0.00	33.95 1.37 0.00	39.84 1.38 0.00	41.74 1.70 0.00	46.33 2.45 0.00	54.05 3.21 0.00	41.93 2.53 0.00	34.94 2.28 0.00	79.03 3.37 -27.74	54.37 3.77 0.00	56.91 3.72 -5.01	57.97 3.89 -4.52	94.20 2.83 -46.80	95.65 5.65 -3.90	122.28 6.33 -30.40	113.33 5.76 -35.16	94.76 4.87 -29.73	82.02 5.37 0.00	80.27 4.99 0.00	80.48 4.68 0.00	80.61 4.76 0.00	61.25 3.44 0.00
GOLAH___69_KV_TB 1_2 80279	26.36 -0.53 0.00	32.50 -0.65 0.00	35.59 -0.57 0.00	32.18 -0.41 0.00	38.16 -0.29 0.00	39.69 -0.35 0.00	43.03 -0.86 0.00	49.01 -1.83 0.00	38.26 -1.13 0.00	31.99 -0.67 0.00	46.05 -1.88 0.00	48.59 -2.01 0.00	46.33 -1.88 -0.03	48.18 -1.58 -0.20	42.75 -1.34 0.49	83.55 -2.39 0.16	82.05 -2.26 1.23	69.39 -1.81 1.22	58.65 -1.50 0.00	74.13 -2.52 0.00	72.50 -2.78 0.00	72.78 -3.02 0.00	73.43 -2.43 0.00	56.06 -1.75 0.00

GOODYEAR_LAKE_HYD 323669	27.64 0.75 0.00	34.10 0.96 0.00	37.22 1.07 0.00	33.61 1.02 0.00	39.67 1.21 0.00	41.25 1.20 0.00	45.46 1.58 0.00	52.78 1.94 0.00	41.03 1.63 0.00	34.00 1.34 0.00	46.84 1.56 2.65	52.25 1.64 0.00	49.35 1.70 0.52	50.38 1.87 1.05	41.48 1.66 4.76	88.82 3.40 0.69	86.27 3.80 3.08	72.58 3.40 3.23	60.94 2.96 2.17	80.13 3.48 0.00	78.72 3.44 0.00	79.03 3.23 0.00	79.18 3.33 0.00	60.24 2.42 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	26.79 -0.10 0.00	32.96 -0.18 0.00	35.98 -0.17 0.00	32.44 -0.14 0.00	38.32 -0.14 0.00	39.81 -0.23 0.00	43.83 -0.05 0.00	50.72 -0.26 -0.14	39.21 -0.19 0.00	32.54 -0.13 0.00	44.13 -0.65 3.15	49.97 -0.64 0.00	47.04 -0.46 0.68	47.10 -0.28 2.19	38.60 -0.10 5.88	84.85 0.00 1.25	81.84 -0.05 3.66	68.60 0.24 4.05	57.67 0.49 2.98	76.93 0.28 0.00	75.63 0.35 0.00	75.93 0.14 0.00	76.10 0.24 0.00	57.96 0.15 0.00
GOUDEY___7 23579	26.79 -0.10 0.00	32.96 -0.18 0.00	35.98 -0.17 0.00	32.44 -0.14 0.00	38.32 -0.14 0.00	39.81 -0.23 0.00	43.83 -0.05 0.00	50.72 -0.26 -0.14	39.21 -0.19 0.00	32.54 -0.13 0.00	44.13 -0.65 3.15	49.97 -0.64 0.00	47.04 -0.46 0.68	47.10 -0.28 2.19	38.60 -0.10 5.88	84.85 0.00 1.25	81.84 -0.05 3.66	68.60 0.24 4.05	57.67 0.49 2.98	76.93 0.28 0.00	75.63 0.35 0.00	75.93 0.14 0.00	76.10 0.24 0.00	57.96 0.15 0.00
GOUDEY___8 23580	26.79 -0.10 0.00	32.96 -0.18 0.00	35.98 -0.17 0.00	32.44 -0.14 0.00	38.32 -0.14 0.00	39.81 -0.23 0.00	43.83 -0.05 0.00	50.72 -0.26 -0.14	39.21 -0.19 0.00	32.54 -0.13 0.00	44.13 -0.65 3.15	49.97 -0.64 0.00	47.04 -0.46 0.68	47.10 -0.28 2.19	38.60 -0.10 5.88	84.85 0.00 1.25	81.84 -0.05 3.66	68.60 0.24 4.05	57.67 0.49 2.98	76.93 0.28 0.00	75.63 0.35 0.00	75.93 0.14 0.00	76.10 0.24 0.00	57.96 0.15 0.00
GOWANUS_GT1_1 24077	28.39 1.50 0.00	34.80 1.66 0.00	37.91 1.75 0.00	34.15 1.57 0.00	40.05 1.60 0.00	42.00 1.95 0.00	46.66 2.77 0.00	54.41 3.57 0.00	42.21 2.81 0.00	35.20 2.53 0.00	79.43 3.77 -27.72	54.75 4.15 0.00	57.25 4.07 -5.00	58.31 4.23 -4.52	94.46 3.11 -46.77	96.19 6.20 -3.90	122.89 6.96 -30.39	113.93 6.38 -35.14	95.25 5.38 -29.72	82.74 6.08 0.00	80.89 5.61 0.00	81.08 5.29 0.00	81.25 5.39 0.00	61.72 3.91 0.00
GOWANUS_GT1_2 24078	28.39 1.50 0.00	34.80 1.66 0.00	37.91 1.75 0.00	34.15 1.57 0.00	40.05 1.60 0.00	42.00 1.95 0.00	46.66 2.77 0.00	54.41 3.57 0.00	42.21 2.81 0.00	35.20 2.53 0.00	79.43 3.77 -27.72	54.75 4.15 0.00	57.25 4.07 -5.00	58.31 4.23 -4.52	94.46 3.11 -46.77	96.19 6.20 -3.90	122.89 6.96 -30.39	113.93 6.38 -35.14	95.25 5.38 -29.72	82.74 6.08 0.00	80.89 5.61 0.00	81.08 5.29 0.00	81.25 5.39 0.00	61.72 3.91 0.00
GOWANUS_GT1_3 24079	28.39 1.50 0.00	34.80 1.66 0.00	37.91 1.75 0.00	34.15 1.57 0.00	40.05 1.60 0.00	42.00 1.95 0.00	46.66 2.77 0.00	54.41 3.57 0.00	42.21 2.81 0.00	35.20 2.53 0.00	79.43 3.77 -27.72	54.75 4.15 0.00	57.25 4.07 -5.00	58.31 4.23 -4.52	94.46 3.11 -46.77	96.19 6.20 -3.90	122.89 6.96 -30.39	113.93 6.38 -35.14	95.25 5.38 -29.72	82.74 6.08 0.00	80.89 5.61 0.00	81.08 5.29 0.00	81.25 5.39 0.00	61.72 3.91 0.00
GOWANUS_GT1_4 24080	28.39 1.50 0.00	34.80 1.66 0.00	37.91 1.75 0.00	34.15 1.57 0.00	40.05 1.60 0.00	42.00 1.95 0.00	46.66 2.77 0.00	54.41 3.57 0.00	42.21 2.81 0.00	35.20 2.53 0.00	79.43 3.77 -27.72	54.75 4.15 0.00	57.25 4.07 -5.00	58.31 4.23 -4.52	94.46 3.11 -46.77	96.19 6.20 -3.90	122.89 6.96 -30.39	113.93 6.38 -35.14	95.25 5.38 -29.72	82.74 6.08 0.00	80.89 5.61 0.00	81.08 5.29 0.00	81.25 5.39 0.00	61.72 3.91 0.00
GOWANUS_GT1_5 24084	28.39 1.50 0.00	34.80 1.66 0.00	37.91 1.75 0.00	34.15 1.57 0.00	40.05 1.60 0.00	42.00 1.95 0.00	46.66 2.77 0.00	54.41 3.57 0.00	42.21 2.81 0.00	35.20 2.53 0.00	79.43 3.77 -27.72	54.75 4.15 0.00	57.25 4.07 -5.00	58.31 4.23 -4.52	94.46 3.11 -46.77	96.19 6.20 -3.90	122.89 6.96 -30.39	113.93 6.38 -35.14	95.25 5.38 -29.72	82.74 6.08 0.00	80.89 5.61 0.00	81.08 5.29 0.00	81.25 5.39 0.00	61.72 3.91 0.00
GOWANUS_GT1_6 24111	28.39 1.50 0.00	34.80 1.66 0.00	37.91 1.75 0.00	34.15 1.57 0.00	40.05 1.60 0.00	42.00 1.95 0.00	46.66 2.77 0.00	54.41 3.57 0.00	42.21 2.81 0.00	35.20 2.53 0.00	79.43 3.77 -27.72	54.75 4.15 0.00	57.25 4.07 -5.00	58.31 4.23 -4.52	94.46 3.11 -46.77	96.19 6.20 -3.90	122.89 6.96 -30.39	113.93 6.38 -35.14	95.25 5.38 -29.72	82.74 6.08 0.00	80.89 5.61 0.00	81.08 5.29 0.00	81.25 5.39 0.00	61.72 3.91 0.00
GOWANUS_GT1_7 24112	28.39 1.50 0.00	34.80 1.66 0.00	37.91 1.75 0.00	34.15 1.57 0.00	40.05 1.60 0.00	42.00 1.95 0.00	46.66 2.77 0.00	54.41 3.57 0.00	42.21 2.81 0.00	35.20 2.53 0.00	79.43 3.77 -27.72	54.75 4.15 0.00	57.25 4.07 -5.00	58.31 4.23 -4.52	94.46 3.11 -46.77	96.19 6.20 -3.90	122.89 6.96 -30.39	113.93 6.38 -35.14	95.25 5.38 -29.72	82.74 6.08 0.00	80.89 5.61 0.00	81.08 5.29 0.00	81.25 5.39 0.00	61.72 3.91 0.00
GOWANUS_GT1_8 24113	28.39 1.50 0.00	34.80 1.66 0.00	37.91 1.75 0.00	34.15 1.57 0.00	40.05 1.60 0.00	42.00 1.95 0.00	46.66 2.77 0.00	54.41 3.57 0.00	42.21 2.81 0.00	35.20 2.53 0.00	79.43 3.77 -27.72	54.75 4.15 0.00	57.25 4.07 -5.00	58.31 4.23 -4.52	94.46 3.11 -46.77	96.19 6.20 -3.90	122.89 6.96 -30.39	113.93 6.38 -35.14	95.25 5.38 -29.72	82.74 6.08 0.00	80.89 5.61 0.00	81.08 5.29 0.00	81.25 5.39 0.00	61.72 3.91 0.00
GOWANUS_GT2_1 24114	28.38 1.49 0.00	34.78 1.63 0.00	37.87 1.72 0.00	34.14 1.55 0.00	40.04 1.58 0.00	41.98 1.93 0.00	46.64 2.76 0.00	54.38 3.55 0.00	42.19 2.79 0.00	35.17 2.50 0.00	79.38 3.73 -27.72	54.73 4.12 0.00	57.22 4.04 -5.00	58.33 4.25 -4.52	94.16 3.07 -46.51	92.53 6.13 -0.30	113.34 6.91 -20.89	102.57 6.33 -23.83	85.84 5.34 -20.35	75.21 6.02 7.46	74.69 5.57 6.15	77.07 5.23 3.96	81.20 5.35 0.00	61.68 3.87 0.00
GOWANUS_GT2_2 24115	28.38 1.49 0.00	34.78 1.63 0.00	37.87 1.72 0.00	34.14 1.55 0.00	40.04 1.58 0.00	41.98 1.93 0.00	46.64 2.76 0.00	54.38 3.55 0.00	42.19 2.79 0.00	35.17 2.50 0.00	79.38 3.73 -27.72	54.73 4.12 0.00	57.22 4.04 -5.00	58.33 4.25 -4.52	94.16 3.07 -46.51	92.53 6.13 -0.30	113.34 6.91 -20.89	102.57 6.33 -23.83	85.84 5.34 -20.35	75.21 6.02 7.46	74.69 5.57 6.15	77.07 5.23 3.96	81.20 5.35 0.00	61.68 3.87 0.00
GOWANUS_GT2_3 24116	28.38 1.49 0.00	34.78 1.63 0.00	37.87 1.72 0.00	34.14 1.55 0.00	40.04 1.58 0.00	41.98 1.93 0.00	46.64 2.76 0.00	54.38 3.55 0.00	42.19 2.79 0.00	35.17 2.50 0.00	79.38 3.73 -27.72	54.73 4.12 0.00	57.22 4.04 -5.00	58.33 4.25 -4.52	94.16 3.07 -46.51	92.53 6.13 -0.30	113.34 6.91 -20.89	102.57 6.33 -23.83	85.84 5.34 -20.35	75.21 6.02 7.46	74.69 5.57 6.15	77.07 5.23 3.96	81.20 5.35 0.00	61.68 3.87 0.00

GOWANUS_GT2_4 24117	28.38 1.49 0.00	34.78 1.63 0.00	37.87 1.72 0.00	34.14 1.55 0.00	40.04 1.58 0.00	41.98 1.93 0.00	46.64 2.76 0.00	54.38 3.55 0.00	42.19 2.79 0.00	35.17 2.50 0.00	79.38 3.73 -27.72	54.73 4.12 0.00	57.22 4.04 -5.00	58.33 4.25 -4.52	94.16 3.07 -46.51	92.53 6.13 -0.30	113.34 6.91 -20.89	102.57 6.33 -23.83	85.84 5.34 -20.35	75.21 6.02 7.46	74.69 5.57 6.15	77.07 5.23 3.96	81.20 5.35 0.00	61.68 3.87 0.00
GOWANUS_GT2_5 24118	28.38 1.49 0.00	34.78 1.63 0.00	37.87 1.72 0.00	34.14 1.55 0.00	40.04 1.58 0.00	41.98 1.93 0.00	46.64 2.76 0.00	54.38 3.55 0.00	42.19 2.79 0.00	35.17 2.50 0.00	79.38 3.73 -27.72	54.73 4.12 0.00	57.22 4.04 -5.00	58.33 4.25 -4.52	94.16 3.07 -46.51	92.53 6.13 -0.30	113.34 6.91 -20.89	102.57 6.33 -23.83	85.84 5.34 -20.35	75.21 6.02 7.46	74.69 5.57 6.15	77.07 5.23 3.96	81.20 5.35 0.00	61.68 3.87 0.00
GOWANUS_GT2_6 24119	28.38 1.49 0.00	34.78 1.63 0.00	37.87 1.72 0.00	34.14 1.55 0.00	40.04 1.58 0.00	41.98 1.93 0.00	46.64 2.76 0.00	54.38 3.55 0.00	42.19 2.79 0.00	35.17 2.50 0.00	79.38 3.73 -27.72	54.73 4.12 0.00	57.22 4.04 -5.00	58.33 4.25 -4.52	94.16 3.07 -46.51	92.53 6.13 -0.30	113.34 6.91 -20.89	102.57 6.33 -23.83	85.84 5.34 -20.35	75.21 6.02 7.46	74.69 5.57 6.15	77.07 5.23 3.96	81.20 5.35 0.00	61.68 3.87 0.00
GOWANUS_GT2_7 24120	28.38 1.49 0.00	34.78 1.63 0.00	37.87 1.72 0.00	34.14 1.55 0.00	40.04 1.58 0.00	41.98 1.93 0.00	46.64 2.76 0.00	54.38 3.55 0.00	42.19 2.79 0.00	35.17 2.50 0.00	79.38 3.73 -27.72	54.73 4.12 0.00	57.22 4.04 -5.00	58.33 4.25 -4.52	94.16 3.07 -46.51	92.53 6.13 -0.30	113.34 6.91 -20.89	102.57 6.33 -23.83	85.84 5.34 -20.35	75.21 6.02 7.46	74.69 5.57 6.15	77.07 5.23 3.96	81.20 5.35 0.00	61.68 3.87 0.00
GOWANUS_GT2_8 24121	28.38 1.49 0.00	34.78 1.63 0.00	37.87 1.72 0.00	34.14 1.55 0.00	40.04 1.58 0.00	41.98 1.93 0.00	46.64 2.76 0.00	54.38 3.55 0.00	42.19 2.79 0.00	35.17 2.50 0.00	79.38 3.73 -27.72	54.73 4.12 0.00	57.22 4.04 -5.00	58.33 4.25 -4.52	94.16 3.07 -46.51	92.53 6.13 -0.30	113.34 6.91 -20.89	102.57 6.33 -23.83	85.84 5.34 -20.35	75.21 6.02 7.46	74.69 5.57 6.15	77.07 5.23 3.96	81.20 5.35 0.00	61.68 3.87 0.00
GOWANUS_GT3_1 24122	28.39 1.50 0.00	34.80 1.66 0.00	37.91 1.75 0.00	34.15 1.57 0.00	40.05 1.60 0.00	42.00 1.95 0.00	46.66 2.78 0.00	54.41 3.57 0.00	42.21 2.81 0.00	35.20 2.53 0.00	79.43 3.77 -27.72	54.75 4.14 0.00	57.25 4.07 -5.00	58.35 4.27 -4.52	94.44 3.10 -46.77	96.19 6.19 -3.90	122.89 6.96 -30.39	113.93 6.38 -35.14	95.26 5.39 -29.72	82.74 6.08 0.00	80.89 5.62 0.00	81.08 5.28 0.00	81.25 5.39 0.00	61.72 3.92 0.00
GOWANUS_GT3_2 24123	28.39 1.50 0.00	34.80 1.66 0.00	37.91 1.75 0.00	34.15 1.57 0.00	40.05 1.60 0.00	42.00 1.95 0.00	46.66 2.78 0.00	54.41 3.57 0.00	42.21 2.81 0.00	35.20 2.53 0.00	79.43 3.77 -27.72	54.75 4.14 0.00	57.25 4.07 -5.00	58.35 4.27 -4.52	94.44 3.10 -46.77	96.19 6.19 -3.90	122.89 6.96 -30.39	113.93 6.38 -35.14	95.26 5.39 -29.72	82.74 6.08 0.00	80.89 5.62 0.00	81.08 5.28 0.00	81.25 5.39 0.00	61.72 3.92 0.00
GOWANUS_GT3_3 24124	28.39 1.50 0.00	34.80 1.66 0.00	37.91 1.75 0.00	34.15 1.57 0.00	40.05 1.60 0.00																			

GOWANUS_GT4_3 24132	28.38 1.49 0.00	34.78 1.63 0.00	37.87 1.72 0.00	34.14 1.55 0.00	40.04 1.58 0.00	41.98 1.93 0.00	46.64 2.75 0.00	54.38 3.55 0.00	42.18 2.79 0.00	35.17 2.50 0.00	79.38 3.73 -27.72	54.73 4.12 0.00	57.22 4.03 -5.00	58.28 4.20 -4.52	94.17 3.07 -46.51	92.52 6.12 -0.30	113.34 6.90 -20.89	102.58 6.34 -23.83	85.83 5.33 -20.35	75.22 6.02 7.46	74.67 5.55 6.15	77.07 5.23 3.96	81.20 5.35 0.00	61.68 3.87 0.00
GOWANUS_GT4_4 24133	28.38 1.49 0.00	34.78 1.63 0.00	37.87 1.72 0.00	34.14 1.55 0.00	40.04 1.58 0.00	41.98 1.93 0.00	46.64 2.75 0.00	54.38 3.55 0.00	42.18 2.79 0.00	35.17 2.50 0.00	79.38 3.73 -27.72	54.73 4.12 0.00	57.22 4.03 -5.00	58.28 4.20 -4.52	94.17 3.07 -46.51	92.52 6.12 -0.30	113.34 6.90 -20.89	102.58 6.34 -23.83	85.83 5.33 -20.35	75.22 6.02 7.46	74.67 5.55 6.15	77.07 5.23 3.96	81.20 5.35 0.00	61.68 3.87 0.00
GOWANUS_GT4_5 24134	28.38 1.49 0.00	34.78 1.63 0.00	37.87 1.72 0.00	34.14 1.55 0.00	40.04 1.58 0.00	41.98 1.93 0.00	46.64 2.75 0.00	54.38 3.55 0.00	42.18 2.79 0.00	35.17 2.50 0.00	79.38 3.73 -27.72	54.73 4.12 0.00	57.22 4.03 -5.00	58.28 4.20 -4.52	94.17 3.07 -46.51	92.52 6.12 -0.30	113.34 6.90 -20.89	102.58 6.34 -23.83	85.83 5.33 -20.35	75.22 6.02 7.46	74.67 5.55 6.15	77.07 5.23 3.96	81.20 5.35 0.00	61.68 3.87 0.00
GOWANUS_GT4_6 24135	28.38 1.49 0.00	34.78 1.63 0.00	37.87 1.72 0.00	34.14 1.55 0.00	40.04 1.58 0.00	41.98 1.93 0.00	46.64 2.75 0.00	54.38 3.55 0.00	42.18 2.79 0.00	35.17 2.50 0.00	79.38 3.73 -27.72	54.73 4.12 0.00	57.22 4.03 -5.00	58.28 4.20 -4.52	94.17 3.07 -46.51	92.52 6.12 -0.30	113.34 6.90 -20.89	102.58 6.34 -23.83	85.83 5.33 -20.35	75.22 6.02 7.46	74.67 5.55 6.15	77.07 5.23 3.96	81.20 5.35 0.00	61.68 3.87 0.00
GOWANUS_GT4_7 24136	28.38 1.49 0.00	34.78 1.63 0.00	37.87 1.72 0.00	34.14 1.55 0.00	40.04 1.58 0.00	41.98 1.93 0.00	46.64 2.75 0.00	54.38 3.55 0.00	42.18 2.79 0.00	35.17 2.50 0.00	79.38 3.73 -27.72	54.73 4.12 0.00	57.22 4.03 -5.00	58.28 4.20 -4.52	94.17 3.07 -46.51	92.52 6.12 -0.30	113.34 6.90 -20.89	102.58 6.34 -23.83	85.83 5.33 -20.35	75.22 6.02 7.46	74.67 5.55 6.15	77.07 5.23 3.96	81.20 5.35 0.00	61.68 3.87 0.00
GOWANUS_GT4_8 24137	28.38 1.49 0.00	34.78 1.63 0.00	37.87 1.72 0.00	34.14 1.55 0.00	40.04 1.58 0.00	41.98 1.93 0.00	46.64 2.75 0.00	54.38 3.55 0.00	42.18 2.79 0.00	35.17 2.50 0.00	79.38 3.73 -27.72	54.73 4.12 0.00	57.22 4.03 -5.00	58.28 4.20 -4.52	94.17 3.07 -46.51	92.52 6.12 -0.30	113.34 6.90 -20.89	102.58 6.34 -23.83	85.83 5.33 -20.35	75.22 6.02 7.46	74.67 5.55 6.15	77.07 5.23 3.96	81.20 5.35 0.00	61.68 3.87 0.00
GREENBSH_115KV_TB3 55895	27.25 0.35 0.00	33.61 0.46 0.00	36.61 0.45 0.00	32.96 0.37 0.00	38.86 0.40 0.00	40.57 0.52 0.00	44.61 0.73 0.00	51.90 1.06 0.00	40.05 0.65 0.00	33.19 0.53 0.00	55.21 1.23 -6.05	52.11 1.51 0.00	50.78 1.50 -1.10	52.12 1.51 -1.05	56.24 1.30 -10.37	89.07 2.05 -0.92	95.01 2.48 -6.99	82.91 2.40 -8.10	69.07 2.09 -6.83	78.89 2.24 0.00	77.46 2.18 0.00	77.83 2.04 0.00	77.85 1.99 0.00	59.44 1.63 0.00
GREENIDGE_115KV_TB5 80291	26.46 -0.43 0.00	32.54 -0.60 0.00	35.49 -0.66 0.00	32.02 -0.56 0.00	37.96 -0.50 0.00	39.49 -0.55 0.00	43.18 -0.70 0.00	51.06 -1.40 -1.63	38.67 -0.77 -0.04	32.04 -0.63 0.00	49.40 -1.93 -3.40	48.70 -2.11 -0.20	46.31 -1.73 0.15	45.82 -1.44 2.31	41.95 -1.11 1.51	83.03 -1.75 1.32	81.96 -1.48 2.10	69.33 -0.70 2.38	58.02 -0.33 1.80	75.85 -0.80 0.00	74.39 -0.89 0.00	74.46 -1.33 0.00	74.94 -0.91 0.00	57.16 -0.66 0.00
GREENIDGE___3 23582	26.46 -0.43 0.00	32.54 -0.60 0.00	35.49 -0.66 0.00	32.02 -0.56 0.00	37.96 -0.50 0.00	39.49 -0.55 0.00	43.18 -0.70 0.00	51.06 -1.40 -1.63	38.67 -0.77 -0.04	32.04 -0.63 0.00	49.40 -1.93 -3.40	48.70 -2.11 -0.20	46.31 -1.73 0.15	45.82 -1.44 2.31	41.95 -1.11 1.51	83.03 -1.75 1.32	81.96 -1.48 2.10	69.33 -0.70 2.38	58.02 -0.33 1.80	75.85 -0.80 0.00	74.39 -0.89 0.00	74.46 -1.33 0.00	74.94 -0.91 0.00	57.16 -0.66 0.00
GREENIDGE___4 23583	26.46 -0.43 0.00	32.54 -0.61 0.00	35.50 -0.65 0.00	32.02 -0.57 0.00	37.97 -0.49 0.00	39.49 -0.55 0.00	43.18 -0.70 0.00	51.07 -1.40 -1.63	38.67 -0.77 -0.04	32.04 -0.63 0.00	49.39 -1.94 -3.40	48.70 -2.11 -0.20	46.30 -1.73 0.15	45.74 -1.52 2.31	41.91 -1.15 1.51	83.03 -1.75 1.32	81.96 -1.49 2.10	69.31 -0.72 2.38	58.01 -0.34 1.80	75.87 -0.78 0.00	74.41 -0.87 0.00	74.47 -1.32 0.00	74.94 -0.91 0.00	57.15 -0.66 0.00
GREENLWN_69_KV_BK 3 55738	28.48 1.59 0.00	34.82 1.67 0.00	37.87 1.72 0.00	34.12 1.53 0.00	40.10 1.65 0.00	42.11 2.06 0.00	46.60 2.72 0.00	54.47 3.64 0.00	41.74 2.34 0.00	34.82 2.15 0.00	79.27 3.67 -27.68	54.60 4.00 0.00	57.13 3.96 -4.99	58.31 4.23 -4.51	94.44 3.17 -46.70	96.13 6.14 -3.89	122.97 7.08 -30.34	114.25 6.75 -35.09	95.84 6.01 -29.68	83.62 6.97 0.00	81.94 6.66 0.00	82.03 6.23 0.00	82.15 6.30 0.00	62.27 4.46 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	28.39 1.50 0.00	34.80 1.66 0.00	37.91 1.75 0.00	34.15 1.57 0.00	40.05 1.60 0.00	42.00 1.95 0.00	46.66 2.77 0.00	54.41 3.57 0.00	42.21 2.81 0.00	35.20 2.53 0.00	79.43 3.77 -27.72	54.75 4.15 0.00	57.25 4.07 -5.00	58.31 4.23 -4.52	94.46 3.11 -46.77	96.19 6.20 -3.90	122.89 6.96 -30.39	113.93 6.38 -35.14	95.25 5.38 -29.72	82.74 6.08 0.00	80.89 5.61 0.00	81.08 5.29 0.00	81.25 5.39 0.00	61.72 3.91 0.00
GRISSOM___SOLAR 323813	28.19 1.30 0.00	34.78 1.63 0.00	37.93 1.78 0.00	34.18 1.59 0.00	40.41 1.95 0.00	42.16 2.12 0.00	46.39 2.51 0.00	53.98 3.14 0.00	41.50 2.10 0.00	34.26 1.59 0.00	54.43 2.15 -4.36	52.70 2.09 0.00	51.19 2.23 -0.77	52.59 2.45 -0.57	54.38 2.35 -7.45	91.66 4.99 -0.57	96.21 5.59 -5.07	83.35 5.03 -5.91	69.48 4.25 -5.08	81.83 5.18 0.00	80.29 5.01 0.00	80.63 4.83 0.00	80.64 4.78 0.00	61.28 3.47 0.00
GROVEVILLE___HYD 323602	28.39 1.50 0.00	34.84 1.69 0.00	37.94 1.79 0.00	34.19 1.60 0.00	40.20 1.74 0.00	42.15 2.10 0.00	46.72 2.84 0.00	54.53 3.69 0.00	42.20 2.81 0.00	35.10 2.43 0.00	55.79 3.68 -4.18	54.60 4.00 0.00	52.77 3.85 -0.74	54.11 4.08 -0.47	53.53 3.30 -5.65	93.12 6.64 -0.39	96.75 7.44 -3.76	83.60 6.86 -4.33	69.42 5.85 -3.41	83.29 6.64 0.00	81.52 6.24 0.00	81.73 5.93 0.00	81.74 5.89 0.00	62.05 4.24 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	26.72 -0.17 0.00	32.87 -0.28 0.00	35.84 -0.31 0.00	32.34 -0.25 0.00	38.20 -0.25 0.00	39.73 -0.32 0.00	43.51 -0.37 0.00	50.32 -0.52 0.00	39.02 -0.37 0.00	32.45 -0.22 0.00	47.21 -0.71 0.00	49.87 -0.73 0.00	47.58 -0.60 0.00	49.06 -0.51 0.00	44.13 -0.45 0.00	85.40 -0.69 0.00	85.06 -0.48 0.00	72.19 -0.21 0.00	60.04 -0.11 0.00	76.32 -0.33 0.00	74.89 -0.39 0.00	75.21 -0.59 0.00	75.32 -0.53 0.00	57.33 -0.48 0.00

HAMLTNNY_34_KV_TB 80303	26.74 -0.15 0.00	32.90 -0.24 0.00	35.88 -0.27 0.00	32.40 -0.19 0.00	38.28 -0.18 0.00	39.81 -0.23 0.00	43.62 -0.26 0.00	50.41 -0.42 0.00	39.11 -0.29 0.00	32.53 -0.14 0.00	47.25 -0.67 0.00	49.90 -0.71 0.00	47.61 -0.57 0.00	49.10 -0.46 0.00	44.17 -0.40 0.00	85.51 -0.59 0.00	85.05 -0.37 0.13	71.25 -0.08 1.08	60.12 -0.03 0.00	76.41 -0.23 0.00	75.02 -0.26 0.00	75.33 -0.46 0.00	75.45 -0.40 0.00	57.41 -0.40 0.00
HAMPSHIRE___PAPER_HYD 323593	25.64 -1.89 -0.64	32.07 -2.23 -1.15	34.75 -2.03 -0.62	30.87 -2.18 -0.46	35.93 -2.53 0.00	36.63 -3.42 0.00	40.02 -3.86 0.00	46.50 -4.34 0.00	36.54 -2.85 0.00	30.50 -2.16 0.00	74.31 -1.75 -28.13	80.21 -2.26 -31.87	76.74 -2.24 -30.79	78.48 -2.41 -31.32	71.92 -1.90 -29.24	130.35 -3.30 -47.55	127.78 -4.81 -47.04	110.05 -3.54 -41.18	92.35 -3.57 -35.77	86.82 -3.65 -13.81	99.12 -2.29 -26.13	77.12 -1.75 -3.07	76.83 0.98 0.00	58.92 1.12 0.00
HARDSCRABBLE_WT_PWR 323673	26.40 -0.50 0.00	32.67 -0.47 0.00	35.52 -0.63 0.00	32.06 -0.52 0.00	38.10 -0.37 0.00	39.91 -0.14 0.00	44.13 0.25 0.00	51.48 0.64 0.00	39.65 0.25 0.00	32.40 -0.27 0.00	47.66 -0.26 0.00	50.40 -0.21 0.00	48.31 0.13 0.00	49.70 0.13 0.00	44.67 0.10 0.00	86.34 0.24 0.00	86.49 0.94 0.00	73.82 1.41 0.00	61.46 1.31 0.00	77.57 0.92 0.00	76.54 1.26 0.00	77.23 1.43 0.00	77.35 1.50 0.00	58.87 1.06 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	28.04 1.15 0.00	34.38 1.23 0.00	37.47 1.31 0.00	33.78 1.19 0.00	39.71 1.25 0.00	41.62 1.57 0.00	46.11 2.22 0.00	53.69 2.86 0.00	41.56 2.16 0.00	34.60 1.93 0.00	12.59 2.84 38.18	53.72 3.12 0.00	44.28 3.02 6.93	45.91 3.19 6.85	-18.93 2.46 65.97	85.03 4.93 5.99	46.66 5.63 44.51	26.17 5.27 51.51	20.49 4.54 44.20	81.82 5.17 0.00	80.08 4.80 0.00	80.29 4.49 0.00	80.34 4.48 0.00	60.97 3.16 0.00
HARSNRAD_115KV_TB1 81005	25.72 -1.18 0.00	31.73 -1.41 0.00	34.68 -1.48 0.00	31.37 -1.22 0.00	37.31 -1.15 0.00	38.67 -1.37 0.00	41.45 -2.43 0.84	45.89 -4.10 0.02	36.62 -2.75 0.00	30.74 -1.93 0.00	41.95 -4.08 1.90	46.13 -4.37 0.11	43.59 -4.07 0.51	37.31 -3.85 8.41	38.44 -3.34 2.80	75.98 -6.26 3.86	77.97 -6.07 1.50	65.54 -5.15 1.72	54.63 -4.22 1.29	70.40 -6.25 0.00	68.86 -6.42 0.00	69.15 -6.65 0.00	70.29 -5.57 0.00	53.81 -4.00 0.00
HARZA MOOSE___RIVER 24016	26.29 -0.60 0.00	32.48 -0.67 0.00	35.73 -0.43 0.00	31.87 -0.71 0.00	37.60 -0.86 0.00	39.11 -0.93 0.00	43.05 -0.83 0.00	49.91 -0.93 0.00	38.82 -0.57 0.00	32.29 -0.38 0.00	55.76 -0.01 -7.84	59.61 0.12 -8.88	56.70 -0.07 -8.59	58.14 -0.16 -8.73	52.66 -0.06 -8.15	99.33 -0.02 -13.25	98.60 -0.04 -13.10	84.65 0.77 -11.47	70.40 0.29 -9.97	81.37 0.87 -3.85	84.01 1.45 -7.28	78.35 1.70 -0.86	78.14 2.28 0.00	59.55 1.74 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	26.53 -0.36 0.00	32.65 -0.49 0.00	35.60 -0.55 0.00	32.10 -0.48 0.00	37.91 -0.54 0.00	39.42 -0.62 0.00	43.15 -0.73 0.00	49.89 -0.95 0.00	38.73 -0.67 0.00	32.23 -0.44 0.00	46.94 -0.99 0.00	49.58 -1.02 0.00	47.30 -0.88 0.00	48.79 -0.78 0.00	43.89 -0.69 0.00	84.86 -1.24 0.00	84.42 -1.12 0.00	71.62 -0.79 0.00	59.58 -0.57 0.00	75.68 -0.97 0.00	74.26 -1.02 0.00	74.61 -1.19 0.00	74.72 -1.14 0.00	56.89 -0.92 0.00
HELLGATE_13_KV_LD 55870	28.31 1.41 0.00	34.71 1.56 0.00	37.80 1.65 0.00	34.06 1.47 0.00	39.93 1.47 0.00	41.84 1.79 0.00	46.46 2.58 0.00	54.25 3.42 0.00	42.06 2.66 0.00	35.07 2.40 0.00	79.33 3.68 -27.72	54.69 4.09 0.00	57.17 3.99 -5.00	58.24 4.16 -4.52	94.44 3.09 -46.77	96.10 6.10 -3.90	122.76 6.83 -30.39	113.77 6.23 -35.14	95.15 5.28 -29.72	82.63 5.98 0.00	80.80 5.52 0.00	80.97 5.18 0.00	81.12 5.26 0.00	61.62 3.81 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	28.31 1.41 0.00	34.71 1.56 0.00	37.80 1.65 0.00	34.06 1.47 0.00	39.93 1.47 0.00	41.84 1.79 0.00	46.46 2.58 0.00	54.25 3.42 0.00	42.06 2.66 0.00	35.07 2.40 0.00	79.33 3.68 -27.72	54.69 4.09 0.00	57.17 3.99 -5.00	58.24 4.16 -4.52	94.44 3.09 -46.77	96.10 6.10 -3.90	122.76 6.83 -30.39	113.77 6.23 -35.14	95.15 5.28 -29.72	82.63 5.98 0.00	80.80 5.52 0.00	80.97 5.18 0.00	81.12 5.26 0.00	61.62 3.81 0.00
HEMPSTEAD____ 23647	28.35 1.46 0.00	34.68 1.54 0.00	37.75 1.60 0.00	34.01 1.42 0.00	39.95 1.49 0.00	41.95 1.90 0.00	46.52 2.64 0.00	54.35 3.51 0.00	41.83 2.43 0.00	34.87 2.20 0.00	79.14 3.54 -27.68	54.53 3.92 0.00	57.04 3.86 -4.99	58.20 4.13 -4.51	94.32 3.04 -46.70	96.01 6.02 -3.89	122.82 6.93 -30.34	114.11 6.61 -35.09	95.61 5.78 -29.68	83.31 6.65 0.00	81.61 6.33 0.00	81.74 5.94 0.00	81.67 5.82 0.00	61.92 4.11 0.00
HEWLETT_69_KV_BK3 55828	28.63 1.74 0.00	35.03 1.88 0.00	38.12 1.97 0.00	34.34 1.75 0.00	40.33 1.87 0.00	42.33 2.29 0.00	46.94 3.06 0.00	54.81 3.98 0.00	42.17 2.77 0.00	35.17 2.50 0.00	79.55 3.95 -27.68	54.97 4.36 0.00	57.45 4.28 -4.99	58.60 4.53 -4.51	94.65 3.38 -46.70	96.81 6.81 -3.89	123.50 7.61 -30.34	114.79 7.29 -35.09	96.17 6.35 -29.68	84.04 7.39 0.00	82.38 7.10 0.00	82.44 6.65 0.00	82.39 6.53 0.00	62.47 4.66 0.00
HICKLING___1 23621	26.26 -0.63 0.00	32.27 -0.88 0.00	35.23 -0.92 0.00	31.75 -0.83 0.00	37.60 -0.86 0.00	39.04 -1.00 0.00	42.98 -0.90 0.00	49.86 -1.57 -0.60	38.27 -1.14 -0.02	31.73 -0.94 0.00	44.61 -2.19 1.13	48.46 -2.22 -0.07	45.63 -1.91 0.64	44.43 -1.60 3.54	38.49 -1.18 4.91	82.47 -1.80 1.83	80.96 -1.85 2.73	68.24 -1.08 3.09	57.32 -0.49 2.34	75.68 -0.97 0.00	74.44 -0.84 0.00	74.63 -1.17 0.00	75.03 -0.82 0.00	57.29 -0.52 0.00
HICKLING___2 23622	26.26 -0.63 0.00	32.27 -0.88 0.00	35.23 -0.92 0.00	31.75 -0.83 0.00	37.60 -0.86 0.00	39.04 -1.00 0.00	42.98 -0.90 0.00	49.86 -1.57 -0.60	38.27 -1.14 -0.02	31.73 -0.94 0.00	44.61 -2.19 1.13	48.46 -2.22 -0.07	45.63 -1.91 0.64	44.43 -1.60 3.54	38.49 -1.18 4.91	82.47 -1.80 1.83	80.96 -1.85 2.73	68.24 -1.08 3.09	57.32 -0.49 2.34	75.68 -0.97 0.00	74.44 -0.84 0.00	74.63 -1.17 0.00	75.03 -0.82 0.00	57.29 -0.52 0.00
HIGH FALLS___HY 23754	28.76 1.87 0.00	35.25 2.10 0.00	38.37 2.22 0.00	34.61 2.03 0.00	40.69 2.23 0.00	42.69 2.65 0.00	47.45 3.57 0.00	55.38 4.54 0.00	42.88 3.48 0.00	35.61 2.94 0.00	47.44 4.36 4.85	55.04 4.43 0.00	51.35 4.06 0.89	52.71 4.31 1.16	36.16 3.69 12.11	92.56 7.66 1.19	86.34 8.94 8.15	71.20 8.29 9.50	58.59 7.12 8.68	84.95 8.30 0.00	83.05 7.77 0.00	83.19 7.39 0.00	83.13 7.27 0.00	62.97 5.16 0.00
HIGH_RIVER___SOLAR 323847	27.79 0.90 0.00	34.28 1.14 0.00	37.38 1.22 0.00	33.68 1.10 0.00	39.77 1.31 0.00	41.48 1.43 0.00	45.61 1.73 0.00	53.03 2.20 0.00	40.88 1.48 0.00	33.68 1.01 0.00	54.15 1.30 -4.93	52.08 1.47 0.00	50.71 1.65 -0.88	52.32 1.91 -0.85	54.80 1.73 -8.49	90.34 3.48 -0.76	95.27 3.99 -5.73	82.69 3.63 -6.65	68.90 3.08 -5.66	80.27 3.62 0.00	78.81 3.52 0.00	79.21 3.42 0.00	79.25 3.40 0.00	60.29 2.48 0.00

HILLBURN___GT 23639	28.05 1.16 0.00	34.38 1.23 0.00	37.46 1.31 0.00	33.78 1.20 0.00	39.70 1.24 0.00	41.63 1.58 0.00	46.14 2.26 0.00	53.73 2.90 0.00	41.60 2.20 0.00	34.66 2.00 0.00	9.34 2.93 41.51	53.86 3.26 0.00	43.81 3.16 7.53	45.49 3.35 7.42	-24.60 2.45 71.63	84.47 4.88 6.51	42.66 5.55 48.43	21.53 5.17 56.05	16.52 4.42 48.05	81.57 4.92 0.00	79.84 4.56 0.00	80.03 4.23 0.00	80.11 4.26 0.00	60.79 2.98 0.00
HILLSIDE_115KV_TB1 80332	26.13 -0.77 0.00	32.10 -1.05 0.00	35.06 -1.09 0.00	31.59 -1.00 0.00	37.37 -1.09 0.00	38.79 -1.26 0.00	42.78 -1.11 0.00	49.62 -1.75 -0.53	38.12 -1.30 -0.01	31.61 -1.06 0.00	44.34 -2.23 1.35	48.36 -2.31 -0.06	45.54 -2.00 0.64	44.47 -1.76 3.33	38.31 -1.26 5.01	82.34 -2.02 1.74	80.34 -2.36 2.84	67.61 -1.60 3.20	56.76 -0.96 2.43	75.05 -1.60 0.00	73.89 -1.39 0.00	74.12 -1.68 0.00	74.39 -1.46 0.00	56.71 -1.10 0.00
HISHELDN_WT_PWR 323625	25.47 -1.42 0.00	31.35 -1.80 0.00	34.23 -1.93 0.00	30.89 -1.69 0.00	36.69 -1.77 0.00	38.00 -2.04 0.00	41.01 -2.87 0.00	43.60 -4.39 2.84	36.19 -3.13 0.07	30.22 -2.44 0.01	37.31 -4.61 6.00	45.53 -4.73 0.35	43.35 -4.32 0.51	37.08 -4.29 8.20	38.00 -3.65 2.93	75.66 -6.45 4.00	77.68 -6.03 1.83	65.45 -4.87 2.08	54.80 -3.78 1.58	71.41 -5.24 0.00	70.04 -5.24 0.00	70.44 -5.35 0.00	71.64 -4.22 0.00	55.00 -2.81 0.00
HOLTSVILLE_IC_1 23690	28.60 1.71 0.00	34.89 1.74 0.00	37.95 1.79 0.00	34.20 1.61 0.00	40.20 1.74 0.00	42.30 2.25 0.00	46.86 2.98 0.00	54.81 3.97 0.00	41.87 2.47 0.00	34.90 2.23 0.00	79.44 3.84 -27.68	54.68 4.08 0.00	57.19 4.01 -4.99	58.39 4.32 -4.51	94.41 3.13 -46.70	96.53 6.54 -3.89	123.75 7.86 -30.34	114.88 7.38 -35.09	96.53 6.70 -29.68	84.60 7.94 0.00	82.82 7.54 0.00	82.78 6.99 0.00	82.78 6.92 0.00	62.63 4.81 0.00
HOLTSVILLE_IC_10 23699	28.72 1.82 0.00	35.04 1.89 0.00	38.10 1.94 0.00	34.34 1.75 0.00	40.38 1.92 0.00	42.50 2.45 0.00	47.12 3.23 0.00	55.11 4.27 0.00	42.05 2.65 0.00	35.04 2.37 0.00	79.67 4.06 -27.68	54.91 4.31 0.00	57.39 4.21 -4.99	58.60 4.53 -4.51	94.61 3.34 -46.70	97.04 7.05 -3.89	124.33 8.44 -30.34	115.35 7.86 -35.09	96.96 7.13 -29.68	85.18 8.53 0.00	83.37 8.09 0.00	83.31 7.51 0.00	83.24 7.39 0.00	62.97 5.16 0.00
HOLTSVILLE_IC_2 23691	28.60 1.71 0.00	34.89 1.74 0.00	37.95 1.79 0.00	34.20 1.61 0.00	40.20 1.74 0.00	42.30 2.25 0.00	46.86 2.98 0.00	54.81 3.97 0.00	41.87 2.47 0.00	34.90 2.23 0.00	79.44 3.84 -27.68	54.68 4.08 0.00	57.19 4.01 -4.99	58.39 4.32 -4.51	94.41 3.13 -46.70	96.53 6.54 -3.89	123.75 7.86 -30.34	114.88 7.38 -35.09	96.53 6.70 -29.68	84.60 7.94 0.00	82.82 7.54 0.00	82.78 6.99 0.00	82.78 6.92 0.00	62.63 4.81 0.00
HOLTSVILLE_IC_3 23692	28.60 1.71 0.00	34.89 1.74 0.00	37.95 1.79 0.00	34.20 1.61 0.00	40.20 1.74 0.00	42.30 2.25 0.00	46.86 2.98 0.00	54.81 3.97 0.00	41.87 2.47 0.00	34.90 2.23 0.00	79.44 3.84 -27.68	54.68 4.08 0.00	57.19 4.01 -4.99	58.39 4.32 -4.51	94.41 3.13 -46.70	96.53 6.54 -3.89	123.75 7.86 -30.34	114.88 7.38 -35.09	96.53 6.70 -29.68	84.60 7.94 0.00	82.82 7.54 0.00	82.78 6.99 0.00	82.78 6.92 0.00	62.63 4.81 0.00
HOLTSVILLE_IC_4 23693	28.60 1.71 0.00	34.89 1.74 0.00	37.95 1.79 0.00	34.20 1.61 0.00	40.20 1.74 0.00	42.30 2.25 0.00	46.86 2.98 0.00	54.81 3.97 0.00	41.87 2.47 0.00	34.90 2.23 0.00	79.44 3.84 -27.68	54.68 4.08 0.00	57.19 4.01 -4.99	58.39 4.32 -4.51	94.41 3.13 -46.70	96.53 6.54 -3.89	123.75 7.86 -30.34	114.88 7.38 -35.09	96.53 6.70 -29.68	84.60 7.94 0.00	82.82 7.54 0.00	82.78 6.99 0.00	82.78 6.92 0.00	62.63 4.81 0.00
HOLTSVILLE_IC_5 23694	28.60 1.71 0.00	34.89 1.74 0.00	37.95 1.79 0.00	34.20 1.61 0.00	40.20 1.74 0.00	42.30 2.25 0.00	46.86 2.98 0.00	54.81 3.97 0.00	41.87 2.47 0.00	34.90 2.23 0.00	79.44 3.84 -27.68	54.68 4.08 0.00	57.19 4.01 -4.99	58.39 4.32 -4.51	94.41 3.13 -46.70	96.53 6.54 -3.89	123.75 7.86 -30.34	114.88 7.38 -35.09	96.53 6.70 -29.68	84.60 7.94 0.00	82.82 7.54 0.00	82.78 6.99 0.00	82.78 6.92 0.00	62.63 4.81 0.00
HOLTSVILLE_IC_6 23695	28.72 1.82 0.00	35.04 1.89 0.00	38.10 1.94 0.00	34.34 1.75 0.00	40.38 1.92 0.00	42.50 2.45 0.00	47.12 3.23 0.00	55.11 4.27 0.00	42.05 2.65 0.00	35.04 2.37 0.00	79.67 4.06 -27.68	54.91 4.31 0.00	57.39 4.21 -4.99	58.60 4.53 -4.51	94.61 3.34 -46.70	97.04 7.05 -3.89	124.33 8.44 -30.34	115.35 7.86 -35.09	96.96 7.13 -29.68	85.18 8.53 0.00	83.37 8.09 0.00	83.31 7.51 0.00	83.24 7.39 0.00	62.97 5.16 0.00
HOLTSVILLE_IC_7 23696	28.72 1.82 0.00	35.04 1.89 0.00	38.10 1.94 0.00	34.34 1.75 0.00	40.38 1.92 0.00	42.50 2.45 0.00	47.12 3.23 0.00	55.11 4.27 0.00	42.05 2.65 0.00	35.04 2.37 0.00	79.67 4.06 -27.68	54.91 4.31 0.00	57.39 4.21 -4.99	58.60 4.53 -4.51	94.61 3.34 -46.70	97.04 7.05 -3.89	124.33 8.44 -30.34	115.35 7.86 -35.09	96.96 7.13 -29.68	85.18 8.53 0.00	83.37 8.09 0.00	83.31 7.51 0.00	83.24 7.39 0.00	62.97 5.16 0.00
HOLTSVILLE_IC_8 23697	28.72 1.82 0.00	35.04 1.89 0.00	38.10 1.94 0.00	34.34 1.75 0.00	40.38 1.92 0.00	42.50 2.45 0.00	47.12 3.23 0.00	55.11 4.27 0.00	42.05 2.65 0.00	35.04 2.37 0.00	79.67 4.06 -27.68	54.91 4.31 0.00	57.39 4.21 -4.99	58.60 4.53 -4.51	94.61 3.34 -46.70	97.04 7.05 -3.89	124.33 8.44 -30.34	115.35 7.86 -35.09	96.96 7.13 -29.68	85.18 8.53 0.00	83.37 8.09 0.00	83.31 7.51 0.00	83.24 7.39 0.00	62.97 5.16 0.00
HOLTSVILLE_IC_9 23698	28.72 1.82 0.00	35.04 1.89 0.00	38.10 1.94 0.00	34.34 1.75 0.00	40.38 1.92 0.00	42.50 2.45 0.00	47.12 3.23 0.00	55.11 4.27 0.00	42.05 2.65 0.00	35.04 2.37 0.00	79.67 4.06 -27.68	54.91 4.31 0.00	57.39 4.21 -4.99	58.60 4.53 -4.51	94.61 3.34 -46.70	97.04 7.05 -3.89	124.33 8.44 -30.34	115.35 7.86 -35.09	96.96 7.13 -29.68	85.18 8.53 0.00	83.37 8.09 0.00	83.31 7.51 0.00	83.24 7.39 0.00	62.97 5.16 0.00
HOMER_HL_115KV_TB2 355744	26.98 0.09 0.00	33.28 0.13 0.00	36.39 0.24 0.00	32.93 0.35 0.00	39.07 0.61 0.00	40.52 0.48 0.00	43.84 -0.04 0.00	49.91 -0.65 0.28	38.89 -0.50 0.01	32.64 -0.02 0.00	46.31 -0.98 0.63	49.97 -0.70 -0.06	47.16 -0.52 0.50	41.89 0.04 7.71	41.12 -0.61 2.85	80.96 -1.34 3.80	81.97 -1.68 1.89	69.20 -1.05 2.15	57.78 -0.74 1.63	74.94 -1.71 0.00	73.44 -1.84 0.00	73.98 -1.81 0.00	74.95 -0.90 0.00	57.19 -0.62 0.00
HOWARD_WT_PWR 323690	24.89 -2.01 0.00	30.74 -2.41 0.00	33.38 -2.77 0.00	30.13 -2.45 0.00	35.79 -2.67 0.00	37.09 -2.96 0.00	40.37 -3.52 0.00	49.38 -4.72 -3.26	35.97 -3.52 -0.08	29.68 -2.99 -0.01	49.28 -5.44 -6.80	45.46 -5.56 -0.42	42.76 -5.13 0.28	40.21 -4.93 4.43	38.13 -4.32 2.12	76.48 -7.30 2.32	77.24 -6.08 2.22	65.93 -3.96 2.51	55.73 -2.52 1.90	73.32 -3.33 0.00	72.11 -3.17 0.00	72.26 -3.54 0.00	73.30 -2.55 0.00	56.31 -1.50 0.00

HQ_GEN_CEDARS 23644	26.02 -1.81 -0.94	32.71 -2.14 -1.70	35.02 -2.05 -0.92	31.21 -2.05 -0.68	36.20 -2.26 0.00	36.34 -3.71 0.00	39.50 -4.38 0.00	45.97 -4.86 0.00	36.35 -3.05 0.00	30.38 -2.29 0.00	87.90 -1.48 -41.45	95.13 -2.42 -46.94	91.19 -2.36 -45.37	93.19 -2.52 -46.15	85.75 -1.91 -43.09	153.07 -3.09 -70.06	149.26 -5.59 -69.31	128.29 -4.80 -60.68	108.19 -4.67 -52.71	91.91 -5.10 -20.36	110.45 -3.33 -38.50	77.53 -2.79 -4.53	77.13 1.28 0.00	59.42 1.62 0.00
HQ_GEN_CEDARS_PROXY 323590	26.02 -1.81 -0.94	32.71 -2.14 -1.70	35.02 -2.05 -0.92	31.21 -2.05 -0.68	36.20 -2.26 0.00	36.34 -3.71 0.00	39.51 -4.38 0.00	45.98 -4.86 0.00	36.35 -3.05 0.00	30.38 -2.29 0.00	87.89 -1.49 -41.45	95.13 -2.42 -46.94	91.19 -2.36 -45.37	93.19 -2.52 -46.15	85.77 -1.90 -43.09	153.06 -3.11 -70.06	149.26 -5.59 -69.31	136.14 -4.80 -68.53	108.20 -4.67 -52.71	91.91 -5.10 -20.36	110.45 -3.33 -38.50	77.53 -2.79 -4.53	77.13 1.28 0.00	59.43 1.62 0.00
HQ_GEN_IMPORT 323601	27.64 -0.01 -0.76	33.16 0.02 0.00	36.22 0.06 0.00	32.66 0.07 0.00	38.60 0.14 0.00	40.17 0.13 0.00	43.88 0.00 0.00	51.74 -0.11 -1.01	40.00 -0.03 -0.63	32.55 -0.12 0.00	46.41 -0.01 1.51	47.56 -0.12 2.92	45.18 -0.25 2.75	45.35 -0.37 3.85	41.71 -0.19 2.68	81.36 -0.39 4.36	79.40 -0.84 5.31	67.51 -1.13 3.77	55.77 -1.10 3.28	74.47 -0.92 1.27	72.02 -0.86 2.39	74.87 -0.64 0.28	75.23 -0.63 0.00	57.45 -0.36 0.00
HQ_GEN_WHEEL 23651	27.64 -0.01 -0.76	33.16 0.02 0.00	36.22 0.06 0.00	32.66 0.07 0.00	38.60 0.14 0.00	40.17 0.13 0.00	43.88 0.00 0.00	51.74 -0.11 -1.01	40.00 -0.03 -0.63	32.55 -0.12 0.00	46.41 -0.01 1.51	47.56 -0.12 2.92	45.18 -0.25 2.75	45.35 -0.37 3.85	41.71 -0.19 2.68	81.36 -0.39 4.36	79.40 -0.84 5.31	67.51 -1.13 3.77	55.77 -1.10 3.28	74.47 -0.92 1.27	72.02 -0.86 2.39	74.87 -0.64 0.28	75.23 -0.63 0.00	57.45 -0.36 0.00
HUDSON AVE_GT_3 23810	28.35 1.45 0.00	34.74 1.59 0.00	37.83 1.68 0.00	34.08 1.50 0.00	39.99 1.53 0.00	41.90 1.86 0.00	46.51 2.64 0.00	54.29 3.46 0.00	42.12 2.72 0.00	35.12 2.45 0.00	79.38 3.71 -27.74	54.74 4.14 0.00	57.26 4.07 -5.01	58.33 4.25 -4.52	94.54 3.16 -46.80	96.27 6.27 -3.90	122.91 6.95 -30.40	113.86 6.30 -35.16	95.23 5.34 -29.73	82.63 5.98 0.00	80.88 5.60 0.00	81.08 5.28 0.00	81.22 5.37 0.00	61.70 3.89 0.00
HUDSON AVE_GT_4 23540	28.35 1.45 0.00	34.74 1.59 0.00	37.83 1.68 0.00	34.08 1.50 0.00	39.99 1.53 0.00	41.90 1.86 0.00	46.51 2.64 0.00	54.29 3.46 0.00	42.12 2.72 0.00	35.12 2.45 0.00	79.38 3.71 -27.74	54.74 4.14 0.00	57.26 4.07 -5.01	58.33 4.25 -4.52	94.54 3.16 -46.80	96.27 6.27 -3.90	122.91 6.95 -30.40	113.86 6.30 -35.16	95.23 5.34 -29.73	82.63 5.98 0.00	80.88 5.60 0.00	81.08 5.28 0.00	81.22 5.37 0.00	61.70 3.89 0.00
HUDSON AVE_GT_5 23657	28.35 1.45 0.00	34.74 1.59 0.00	37.83 1.68 0.00	34.08 1.50 0.00	39.99 1.53 0.00	41.90 1.86 0.00	46.51 2.64 0.00	54.29 3.46 0.00	42.12 2.72 0.00	35.12 2.45 0.00	79.38 3.71 -27.74	54.74 4.14 0.00	57.26 4.07 -5.01	58.33 4.25 -4.52	94.54 3.16 -46.80	96.27 6.27 -3.90	122.91 6.95 -30.40	113.86 6.30 -35.16	95.23 5.34 -29.73	82.63 5.98 0.00	80.88 5.60 0.00	81.08 5.28 0.00	81.22 5.37 0.00	61.70 3.89 0.00
HUDSON_AVE_10 24168	28.23 1.34 0.00	34.60 1.45 0.00	37.69 1.54 0.00	33.96 1.37 0.00	39.83 1.37 0.00	41.71 1.67 0.00	46.33 2.45 0.00	54.10 3.26 0.00	41.97 2.57 0.00	34.98 2.31 0.00	79.17 3.51 -27.74	54.49 3.89 0.00	57.02 3.84 -5.01	58.09 4.01 -4.52	94.32 2.95 -46.80	95.85 5.85 -3.90	122.47 6.52 -30.40	113.50 5.93 -35.16	94.92 5.03 -29.73	82.24 5.59 0.00	80.51 5.24 0.00	80.72 4.93 0.00	80.90 5.04 0.00	61.45 3.64 0.00
HUDSON___115KV_TB 4 355613	27.88 0.99 0.00	34.39 1.25 0.00	37.47 1.32 0.00	33.76 1.17 0.00	39.86 1.40 0.00	41.66 1.62 0.00	45.88 2.00 0.00	53.36 2.53 0.00	41.15 1.75 0.00	33.84 1.17 0.00	54.94 2.09 -4.92	53.07 2.47 0.00	51.19 2.12 -0.89	52.58 2.18 -0.84	54.77 2.26 -7.93	91.17 4.36 -0.70	96.10 5.22 -5.34	83.45 4.86 -6.18	69.43 4.12 -5.16	81.24 4.59 0.00	79.73 4.45 0.00	80.02 4.22 0.00	79.90 4.05 0.00	60.96 3.15 0.00
HUNTER MOUNT___DRP 323613	28.02 1.13 0.00	34.60 1.45 0.00	37.68 1.53 0.00	33.95 1.36 0.00	40.10 1.64 0.00	41.94 1.90 0.00	46.23 2.34 0.00	53.85 3.01 0.00	41.51 2.11 0.00	34.07 1.41 0.00	54.02 2.41 -3.68	53.39 2.78 0.00	51.30 2.46 -0.66	52.68 2.51 -0.61	52.49 2.65 -5.26	91.87 5.30 -0.47	95.35 6.27 -3.54	82.27 5.77 -4.09	68.29 4.82 -3.31	82.03 5.38 0.00	80.51 5.23 0.00	80.79 5.00 0.00	80.64 4.79 0.00	61.47 3.66 0.00
HUNTINGTON_RES_REC 323705	28.58 1.69 0.00	34.88 1.73 0.00	37.94 1.78 0.00	34.18 1.59 0.00	40.19 1.73 0.00	42.25 2.20 0.00	46.80 2.91 0.00	54.72 3.89 0.00	41.80 2.40 0.00	34.85 2.18 0.00	79.40 3.80 -27.68	54.67 4.07 0.00	57.23 4.05 -4.99	58.44 4.37 -4.51	94.53 3.26 -46.70	96.52 6.52 -3.89	123.59 7.71 -30.34	114.73 7.24 -35.09	96.37 6.54 -29.68	84.41 7.76 0.00	82.65 7.37 0.00	82.66 6.87 0.00	82.70 6.85 0.00	62.59 4.78 0.00
HUNTLEY___63 23557	25.90 -0.99 0.00	31.98 -1.17 0.00	34.92 -1.24 0.00	31.59 -1.00 0.00	37.56 -0.90 0.00	38.92 -1.13 0.00	41.72 -2.16 0.00	46.12 -3.79 0.92	36.83 -2.54 0.02	30.94 -1.73 0.00	42.11 -3.80 2.02	46.49 -4.00 0.12	43.91 -3.69 0.58	36.72 -3.44 9.40	38.44 -3.02 3.11	76.02 -5.63 4.45	78.40 -5.58 1.56	65.87 -4.76 1.79	54.92 -3.89 1.34	70.98 -5.67 0.00	69.43 -5.85 0.00	69.75 -6.05 0.00	71.04 -4.81 0.00	54.56 -3.25 0.00
HUNTLEY___64 23558	25.90 -0.99 0.00	31.98 -1.17 0.00	34.92 -1.24 0.00	31.59 -1.00 0.00	37.56 -0.90 0.00	38.92 -1.13 0.00	41.72 -2.16 0.00	46.12 -3.79 0.92	36.83 -2.54 0.02	30.94 -1.73 0.00	42.11 -3.80 2.02	46.49 -4.00 0.12	43.91 -3.69 0.58	36.72 -3.44 9.40	38.44 -3.02 3.11	76.02 -5.63 4.45	78.40 -5.58 1.56	65.87 -4.76 1.79	54.92 -3.89 1.34	70.98 -5.67 0.00	69.43 -5.85 0.00	69.75 -6.05 0.00	71.04 -4.81 0.00	54.56 -3.25 0.00
HUNTLEY___65 23559	25.90 -0.99 0.00	31.98 -1.17 0.00	34.92 -1.24 0.00	31.59 -1.00 0.00	37.56 -0.90 0.00	38.92 -1.13 0.00	41.72 -2.16 0.00	46.12 -3.79 0.92	36.83 -2.54 0.02	30.94 -1.73 0.00	42.11 -3.80 2.02	46.49 -4.00 0.12	43.91 -3.69 0.58	36.72 -3.44 9.40	38.44 -3.02 3.11	76.02 -5.63 4.45	78.40 -5.58 1.56	65.87 -4.76 1.79	54.92 -3.89 1.34	70.98 -5.67 0.00	69.43 -5.85 0.00	69.75 -6.05 0.00	71.04 -4.81 0.00	54.56 -3.25 0.00
HUNTLEY___66 23560	25.90 -0.99 0.00	31.98 -1.17 0.00	34.92 -1.24 0.00	31.59 -1.00 0.00	37.56 -0.90 0.00	38.92 -1.13 0.00	41.72 -2.16 0.00	46.12 -3.79 0.92	36.83 -2.54 0.02	30.94 -1.73 0.00	42.11 -3.80 2.02	46.49 -4.00 0.12	43.91 -3.69 0.58	36.72 -3.44 9.40	38.44 -3.02 3.11	76.02 -5.63 4.45	78.40 -5.58 1.56	65.87 -4.76 1.79	54.92 -3.89 1.34	70.98 -5.67 0.00	69.43 -5.85 0.00	69.75 -6.05 0.00	71.04 -4.81 0.00	54.56 -3.25 0.00

HUNTLEY___67 23561	25.68 -1.21 0.00	31.71 -1.44 0.00	34.63 -1.52 0.00	31.33 -1.25 0.00	37.27 -1.19 0.00	38.61 -1.44 0.00	41.40 -2.49 0.00	45.58 -4.18 1.08	36.49 -2.88 0.03	30.63 -2.04 0.00	41.42 -4.19 2.31	46.09 -4.37 0.15	43.53 -4.02 0.64	35.59 -3.74 10.23	37.90 -3.30 3.37	74.94 -6.22 4.94	77.63 -6.31 1.60	65.17 -5.42 1.83	54.35 -4.43 1.38	70.32 -6.33 0.00	68.84 -6.44 0.00	69.24 -6.56 0.00	70.54 -5.31 0.00	54.16 -3.65 0.00
HUNTLEY___68 23562	25.68 -1.21 0.00	31.71 -1.44 0.00	34.63 -1.52 0.00	31.33 -1.25 0.00	37.27 -1.19 0.00	38.61 -1.44 0.00	41.40 -2.49 0.00	45.58 -4.18 1.08	36.49 -2.88 0.03	30.63 -2.04 0.00	41.42 -4.19 2.31	46.09 -4.37 0.15	43.53 -4.02 0.64	35.59 -3.74 10.23	37.90 -3.30 3.37	74.94 -6.22 4.94	77.63 -6.31 1.60	65.17 -5.42 1.83	54.35 -4.43 1.38	70.32 -6.33 0.00	68.84 -6.44 0.00	69.24 -6.56 0.00	70.54 -5.31 0.00	54.16 -3.65 0.00
HYLAND___LFG 323620	27.05 0.16 0.00	33.29 0.14 0.00	36.30 0.15 0.00	32.80 0.21 0.00	38.95 0.50 0.00	40.62 0.57 0.00	44.36 0.48 0.00	54.45 0.06 -3.56	39.65 0.16 -0.09	32.27 -0.41 -0.01	52.79 -2.59 -7.45	47.35 -3.70 -0.44	45.09 -2.93 0.16	44.27 -2.69 2.61	40.74 -2.38 1.46	80.76 -3.90 1.44	82.18 -1.57 1.80	70.12 -0.25 2.04	58.83 0.21 1.54	76.27 -0.37 0.00	74.63 -0.66 0.00	74.74 -1.06 0.00	75.21 -0.65 0.00	57.49 -0.32 0.00
INDECK___CORINTH 23802	28.68 1.79 0.00	35.32 2.17 0.00	38.42 2.27 0.00	34.62 2.04 0.00	40.99 2.53 0.00	43.09 3.04 0.00	47.53 3.65 0.00	55.67 4.83 0.00	42.91 3.51 0.00	35.20 2.54 0.00	57.51 3.78 -5.80	54.58 3.98 0.00	53.20 3.97 -1.05	54.63 4.07 -1.00	58.24 3.67 -9.99	94.54 7.55 -0.89	100.72 8.44 -6.74	87.74 7.52 -7.81	73.07 6.31 -6.61	84.07 7.42 0.00	82.36 7.08 0.00	82.60 6.80 0.00	82.50 6.64 0.00	62.62 4.81 0.00
INDECK___ILION 23567	26.87 -0.03 0.00	33.16 0.01 0.00	36.11 -0.05 0.00	32.55 -0.03 0.00	38.47 0.01 0.00	40.16 0.12 0.00	44.29 0.40 0.00	51.51 0.67 0.00	39.76 0.36 0.00	32.78 0.11 0.00	48.19 0.26 0.00	50.97 0.37 0.00	48.68 0.50 0.00	50.12 0.55 0.00	45.05 0.47 0.00	87.11 1.01 0.00	86.96 1.42 0.00	73.96 1.55 0.00	61.51 1.35 0.00	77.99 1.35 0.00	76.70 1.42 0.00	77.17 1.37 0.00	77.14 1.29 0.00	58.68 0.87 0.00
INDECK___OLEAN 23982	26.98 0.09 0.00	33.28 0.13 0.00	36.39 0.24 0.00	32.93 0.35 0.00	39.07 0.61 0.00	40.52 0.48 0.00	43.83 -0.05 0.00	49.91 -0.65 0.28	38.89 -0.50 0.01	32.65 -0.02 0.00	46.32 -0.98 0.63	49.96 -0.71 -0.06	47.17 -0.51 0.50	41.62 -0.23 7.71	40.99 -0.74 2.85	80.96 -1.34 3.80	82.01 -1.64 1.89	69.21 -1.04 2.15	57.80 -0.72 1.63	74.91 -1.74 0.00	73.43 -1.85 0.00	73.99 -1.80 0.00	74.97 -0.89 0.00	57.17 -0.63 0.00
INDECK___OSWEGO 23783	26.17 -0.72 0.00	32.22 -0.93 0.00	35.16 -1.00 0.00	31.67 -0.92 0.00	37.37 -1.09 0.00	38.84 -1.20 0.00	42.45 -1.43 0.00	49.13 -1.71 0.00	38.10 -1.30 0.00	31.55 -1.12 0.00	47.74 -2.07 -1.88	50.55 -2.19 -2.13	48.21 -2.03 -2.06	49.57 -2.06 -2.07	44.66 -1.83 -1.91	85.72 -3.50 -3.11	85.24 -3.38 -3.08	72.45 -2.65 -2.69	60.34 -2.16 -2.34	74.69 -2.86 -0.90	74.17 -2.82 -1.71	73.08 -2.92 -0.20	73.00 -2.85 0.00	55.60 -2.21 0.00
INDECK___YERKES 23781	25.93 -0.96 0.00	32.01 -1.14 0.00	34.95 -1.21 0.00	31.62 -0.97 0.00	37.59 -0.87 0.00	38.96 -1.09 0.00	41.75 -2.13 0.00	46.17 -3.75 0.92	36.87 -2.51 0.02	30.98 -1.69 0.00	42.17 -3.75 2.02	46.53 -3.96 0.12	43.96 -3.64 0.58	36.48 -3.68 9.40	38.39 -3.07 3.11	76.10 -5.55 4.45	78.51 -5.47 1.56	65.96 -4.67 1.79	54.99 -3.81 1.35	71.05 -5.61 0.00	69.47 -5.81 0.00	69.83 -5.97 0.00	71.11 -4.74 0.00	54.60 -3.21 0.00
INDIAN POINT_GT_1 24139	28.05 1.16 0.00	34.40 1.25 0.00	37.47 1.32 0.00	33.77 1.19 0.00	39.66 1.20 0.00	41.57 1.53 0.00	46.07 2.19 0.00	53.72 2.88 0.00	41.58 2.18 0.00	34.63 1.97 0.00	80.74 2.98 -29.84	53.93 3.32 0.00	56.84 3.28 -5.38	57.82 3.41 -4.84	97.08 2.57 -49.93	95.29 5.10 -4.09	123.20 5.78 -31.87	114.64 5.38 -36.85	95.93 4.61 -31.17	81.75 5.10 0.00	80.05 4.77 0.00	80.26 4.47 0.00	80.35 4.50 0.00	61.00 3.18 0.00
INDIAN POINT_GT_2 23659	28.05 1.16 0.00	34.40 1.25 0.00	37.47 1.32 0.00	33.77 1.19 0.00	39.66 1.20 0.00	41.57 1.53 0.00	46.07 2.19 0.00	53.72 2.88 0.00	41.58 2.18 0.00	34.63 1.97 0.00	80.74 2.98 -29.84	53.93 3.32 0.00	56.84 3.28 -5.38	57.82 3.41 -4.84	97.08 2.57 -49.93	95.29 5.10 -4.09	123.20 5.78 -31.87	114.64 5.38 -36.85	95.93 4.61 -31.17	81.75 5.10 0.00	80.05 4.77 0.00	80.26 4.47 0.00	80.35 4.50 0.00	61.00 3.18 0.00
INDIAN POINT_GT_3 24019	28.05 1.16 0.00	34.40 1.25 0.00	37.47 1.32 0.00	33.77 1.19 0.00	39.66 1.20 0.00	41.57 1.53 0.00	46.07 2.19 0.00	53.72 2.88 0.00	41.58 2.18 0.00	34.63 1.97 0.00	80.74 2.98 -29.84	53.93 3.32 0.00	56.84 3.28 -5.38	57.82 3.41 -4.84	97.08 2.57 -49.93	95.29 5.10 -4.09	123.20 5.78 -31.87	114.64 5.38 -36.85	95.93 4.61 -31.17	81.75 5.10 0.00	80.05 4.77 0.00	80.26 4.47 0.00	80.35 4.50 0.00	61.00 3.18 0.00
INDIAN POINT___2 23530	28.00 1.11 0.00	34.33 1.19 0.00	37.40 1.24 0.00	33.71 1.12 0.00	39.60 1.14 0.00	41.50 1.46 0.00	45.99 2.11 0.00	53.60 2.77 0.00	41.49 2.09 0.00	34.55 1.89 0.00	86.24 2.83 -35.48	53.78 3.17 0.00	57.69 3.11 -6.41	58.14 3.29 -5.28	100.61 2.42 -53.62	94.09 4.81 -3.19	116.06 5.48 -25.04	106.48 5.12 -28.95	88.98 4.40 -24.43	81.51 4.86 0.00	79.82 4.54 0.00	80.03 4.24 0.00	80.13 4.27 0.00	60.83 3.03 0.00
INDIAN POINT___3 23531	28.02 1.12 0.00	34.36 1.21 0.00	37.43 1.28 0.00	33.73 1.15 0.00	39.62 1.16 0.00	41.52 1.48 0.00	46.01 2.13 0.00	53.62 2.78 0.00	41.51 2.11 0.00	34.57 1.90 0.00	81.01 2.89 -30.19	53.83 3.23 0.00	56.82 3.19 -5.45	58.04 3.32 -5.16	100.47 2.48 -53.42	96.03 4.92 -5.01	129.96 5.57 -38.84	122.52 5.20 -44.91	102.64 4.46 -38.03	81.56 4.91 0.00	79.85 4.57 0.00	80.09 4.29 0.00	80.18 4.33 0.00	60.88 3.07 0.00
INGHAM_C_115KV_TB7 356103	26.62 -0.27 0.00	32.91 -0.24 0.00	35.76 -0.39 0.00	32.27 -0.32 0.00	38.22 -0.24 0.00	40.05 0.00 0.00	44.45 0.57 0.00	51.90 1.07 0.00	39.88 0.48 0.00	32.59 -0.08 0.00	48.03 0.11 0.00	50.88 0.27 0.00	48.78 0.60 0.00	50.22 0.65 0.00	45.18 0.61 0.00	87.43 1.33 0.00	87.71 2.16 0.00	74.89 2.48 0.00	62.33 2.17 0.00	78.65 2.00 0.00	77.43 2.15 0.00	77.89 2.10 0.00	77.83 1.98 0.00	59.14 1.33 0.00
IP CORINTH___1 23988	28.68 1.79 0.00	35.32 2.17 0.00	38.42 2.27 0.00	34.62 2.04 0.00	40.99 2.53 0.00	43.09 3.04 0.00	47.53 3.65 0.00	55.67 4.83 0.00	42.91 3.51 0.00	35.20 2.54 0.00	57.51 3.78 -5.80	54.57 3.97 0.00	53.20 3.97 -1.05	54.63 4.06 -1.00	58.25 3.68 -9.99	94.55 7.55 -0.89	100.72 8.43 -6.74	87.73 7.51 -7.81	73.07 6.31 -6.61	84.07 7.42 0.00	82.36 7.08 0.00	82.60 6.81 0.00	82.50 6.64 0.00	62.62 4.81 0.00

IP__TICONDEROGA 23804	29.52 2.63 0.00	36.32 3.18 0.00	39.44 3.29 0.00	35.60 3.02 0.00	42.26 3.80 0.00	44.74 4.70 0.00	49.40 5.52 0.00	58.33 7.49 0.00	44.76 5.36 0.00	36.39 3.72 0.00	58.98 5.21 -5.84	56.34 5.73 0.00	55.05 5.81 -1.06	56.18 5.60 -1.01	59.94 5.31 -10.06	98.34 11.35 -0.89	105.39 13.06 -6.78	91.80 11.54 -7.86	76.36 9.56 -6.65	87.23 10.57 0.00	85.18 9.90 0.00	85.50 9.70 0.00	85.35 9.50 0.00	64.77 6.96 0.00
ISLIP_RES_REC 323679	28.81 1.92 0.00	35.14 1.99 0.00	38.21 2.05 0.00	34.44 1.85 0.00	40.51 2.05 0.00	42.64 2.59 0.00	47.29 3.41 0.00	55.35 4.51 0.00	42.23 2.83 0.00	35.19 2.52 0.00	79.86 4.26 -27.68	55.10 4.50 0.00	57.58 4.40 -4.99	58.80 4.73 -4.51	94.81 3.54 -46.70	97.47 7.48 -3.89	124.80 8.91 -30.34	115.77 8.27 -35.09	97.31 7.48 -29.68	85.63 8.98 0.00	83.79 8.50 0.00	83.70 7.90 0.00	83.61 7.75 0.00	63.21 5.40 0.00
JAMAICA__27_KV_LOAD 355505	28.39 1.50 0.00	34.80 1.66 0.00	37.91 1.75 0.00	34.16 1.57 0.00	40.05 1.59 0.00	41.88 1.84 0.00	46.58 2.70 0.00	54.45 3.62 0.00	42.26 2.86 0.00	35.16 2.49 0.00	79.44 3.77 -27.74	54.70 4.09 0.00	57.22 4.03 -5.01	58.30 4.22 -4.52	94.49 3.12 -46.80	96.27 6.27 -3.90	122.85 6.90 -30.40	113.83 6.26 -35.16	95.18 5.29 -29.73	82.56 5.91 0.00	80.87 5.59 0.00	81.12 5.33 0.00	81.41 5.56 0.00	61.80 3.99 0.00
JANIS__SOLAR 323808	27.68 0.79 0.00	34.05 0.90 0.00	37.22 1.06 0.00	33.64 1.06 0.00	39.69 1.23 0.00	41.35 1.30 0.00	46.12 2.24 0.00	58.72 7.88 0.00	44.86 5.46 0.00	35.23 2.56 0.00	43.19 1.79 6.53	53.00 2.40 0.00	50.03 3.10 1.25	51.80 4.38 2.15	37.25 4.31 11.63	94.63 10.02 1.49	89.94 11.65 7.26	71.43 3.60 4.58	61.47 3.75 2.43	81.21 4.55 0.00	79.72 4.43 0.00	79.82 4.03 0.00	80.05 4.20 0.00	60.95 3.15 0.00
JARVIS____ 23743	26.92 0.03 0.00	33.19 0.04 0.00	36.19 0.04 0.00	32.61 0.02 0.00	38.46 0.00 0.00	40.08 0.03 0.00	43.97 0.09 0.00	50.98 0.15 0.00	39.48 0.08 0.00	32.76 0.08 0.00	48.07 0.14 0.00	50.81 0.20 0.00	48.40 0.22 0.00	49.81 0.25 0.00	44.76 0.18 0.00	86.45 0.35 0.00	86.01 0.46 0.00	72.93 0.52 0.00	60.63 0.47 0.00	77.12 0.47 0.00	75.81 0.53 0.00	76.30 0.50 0.00	76.32 0.47 0.00	58.14 0.34 0.00
JENNISON__1 23625	27.19 0.29 0.00	33.49 0.35 0.00	36.62 0.47 0.00	33.26 0.67 0.00	39.00 0.54 0.00	40.48 0.43 0.00	45.12 1.24 0.00	53.66 2.83 0.00	41.54 2.14 0.00	33.74 1.07 0.00	42.25 0.85 6.53	51.58 0.97 0.00	48.27 1.35 1.25	49.05 1.64 2.15	34.52 1.58 11.63	88.51 3.90 1.49	82.66 4.67 7.55	68.10 2.85 7.16	60.08 3.08 3.15	80.30 3.65 0.00	79.13 3.85 0.00	79.40 3.61 0.00	79.79 3.93 0.00	60.84 3.03 0.00
JENNISON__2 23626	27.19 0.29 0.00	33.49 0.35 0.00	36.62 0.47 0.00	33.26 0.67 0.00	39.00 0.54 0.00	40.48 0.43 0.00	45.12 1.24 0.00	53.66 2.83 0.00	41.54 2.14 0.00	33.74 1.07 0.00	42.25 0.85 6.53	51.58 0.97 0.00	48.27 1.35 1.25	49.05 1.64 2.15	34.52 1.58 11.63	88.51 3.90 1.49	82.66 4.67 7.55	68.10 2.85 7.16	60.08 3.08 3.15	80.30 3.65 0.00	79.13 3.85 0.00	79.40 3.61 0.00	79.79 3.93 0.00	60.84 3.03 0.00
JERICHO_RISE_WT_PWR 323719	27.79 -1.07 -1.96	35.39 -1.30 -3.54	36.76 -1.30 -1.91	32.94 -1.07 -1.42	37.58 -0.87 0.00	39.13 -0.91 0.00	42.62 -1.27 0.00	49.07 -1.76 0.00	38.22 -1.18 0.00	31.35 -1.32 0.00	-20.15 -1.70 66.38	-26.63 -2.05 75.18	-26.46 -1.98 72.66	-26.59 -2.23 73.92	-26.18 -1.73 69.03	-29.42 -3.29 112.24	-29.41 -3.91 111.04	-28.42 -3.62 97.21	-27.46 -3.17 84.45	40.60 -3.46 32.59	10.53 -3.14 61.62	65.96 -2.60 7.24	75.24 -0.61 0.00	57.79 -0.02 0.00
KATONAH__115KV_46KV_TB4 355592	28.28 1.39 0.00	34.69 1.54 0.00	37.78 1.63 0.00	34.04 1.45 0.00	40.00 1.55 0.00	41.94 1.90 0.00	46.52 2.65 0.00	54.31 3.47 0.00	42.04 2.64 0.00	35.01 2.34 0.00	72.65 3.58 -21.14	54.58 3.97 0.00	55.86 3.87 -3.81	57.05 4.03 -3.46	84.06 3.14 -36.34	95.44 6.22 -3.12	117.03 6.99 -24.50	107.18 6.44 -28.33	89.61 5.53 -23.92	82.84 6.19 0.00	81.09 5.81 0.00	81.29 5.49 0.00	81.32 5.47 0.00	61.76 3.95 0.00
KCE_NY_1 323755	28.48 1.59 0.00	35.13 1.98 0.00	38.19 2.03 0.00	34.38 1.79 0.00	40.66 2.20 0.00	42.72 2.67 0.00	47.06 3.18 0.00	54.91 4.07 0.00	42.25 2.85 0.00	34.79 2.12 0.00	57.13 3.24 -5.96	54.04 3.43 0.00	52.85 3.59 -1.08	54.26 3.66 -1.03	58.09 3.25 -10.27	93.82 6.81 -0.91	99.70 7.24 -6.92	86.93 6.50 -8.02	72.40 5.46 -6.79	83.15 6.50 0.00	81.51 6.23 0.00	81.76 5.97 0.00	81.64 5.79 0.00	62.03 4.23 0.00
KCE_NY_6_ESR 323823	26.06 -0.84 0.00	32.20 -0.95 0.00	35.15 -1.00 0.00	31.76 -0.82 0.00	37.78 -0.68 0.00	39.14 -0.90 0.00	42.10 -1.78 0.00	46.39 -3.32 1.12	37.13 -2.24 0.03	31.13 -1.53 0.00	42.07 -3.44 2.41	46.92 -3.55 0.14	44.46 -3.14 0.58	37.12 -3.10 9.34	38.76 -2.65 3.17	76.85 -4.75 4.50	79.07 -4.80 1.67	66.53 -3.98 1.90	55.56 -3.16 1.44	71.97 -4.68 0.00	70.39 -4.89 0.00	70.79 -5.01 0.00	72.07 -3.79 0.00	55.26 -2.55 0.00
KEDC_PORT_JEFF_GT2 24210	28.70 1.81 0.00	35.01 1.86 0.00	38.07 1.91 0.00	34.30 1.72 0.00	40.34 1.88 0.00	42.45 2.41 0.00	47.05 3.17 0.00	55.02 4.19 0.00	41.76 2.36 0.00	34.83 2.16 0.00	79.61 4.01 -27.68	54.87 4.26 0.00	57.38 4.20 -4.99	58.60 4.52 -4.51	94.61 3.34 -46.70	96.93 6.94 -3.89	124.22 8.33 -30.34	114.90 7.40 -35.09	96.78 6.95 -29.68	85.08 8.43 0.00	83.28 8.00 0.00	83.19 7.40 0.00	83.16 7.31 0.00	62.90 5.09 0.00
KEDC_PORT_JEFF_GT3 24211	28.70 1.81 0.00	35.01 1.86 0.00	38.07 1.91 0.00	34.30 1.72 0.00	40.34 1.88 0.00	42.45 2.41 0.00	47.05 3.17 0.00	55.02 4.19 0.00	41.76 2.36 0.00	34.83 2.16 0.00	79.61 4.01 -27.68	54.87 4.26 0.00	57.38 4.20 -4.99	58.60 4.52 -4.51	94.61 3.34 -46.70	96.93 6.94 -3.89	124.22 8.33 -30.34	114.90 7.40 -35.09	96.78 6.95 -29.68	85.08 8.43 0.00	83.28 8.00 0.00	83.19 7.40 0.00	83.16 7.31 0.00	62.90 5.09 0.00
KEDC_GLWD_GT4 24219	28.39 1.50 0.00	34.77 1.62 0.00	37.84 1.69 0.00	34.10 1.51 0.00	40.07 1.61 0.00	42.04 1.99 0.00	46.61 2.73 0.00	54.43 3.59 0.00	42.00 2.60 0.00	35.01 2.34 0.00	79.29 3.69 -27.68	54.76 4.15 0.00	57.25 4.07 -4.99	58.41 4.33 -4.51	94.53 3.26 -46.70	96.46 6.47 -3.89	123.22 7.33 -30.34	114.31 6.81 -35.09	95.71 5.88 -29.68	83.39 6.74 0.00	81.67 6.39 0.00	81.79 5.99 0.00	81.72 5.87 0.00	61.98 4.18 0.00
KEDC_GLWD_GT5 24220	28.39 1.50 0.00	34.77 1.62 0.00	37.84 1.69 0.00	34.10 1.51 0.00	40.07 1.61 0.00	42.04 1.99 0.00	46.61 2.73 0.00	54.43 3.59 0.00	42.00 2.60 0.00	35.01 2.34 0.00	79.29 3.69 -27.68	54.76 4.15 0.00	57.25 4.07 -4.99	58.41 4.33 -4.51	94.53 3.26 -46.70	96.46 6.47 -3.89	123.22 7.33 -30.34	114.31 6.81 -35.09	95.71 5.88 -29.68	83.39 6.74 0.00	81.67 6.39 0.00	81.79 5.99 0.00	81.72 5.87 0.00	61.98 4.18 0.00

KENSICO____ 23655	28.14 1.25 0.00	34.51 1.36 0.00	37.58 1.43 0.00	33.86 1.27 0.00	39.78 1.32 0.00	41.68 1.64 0.00	46.20 2.32 0.00	53.89 3.06 0.00	41.73 2.33 0.00	34.76 2.10 0.00	79.69 3.22 -28.54	54.18 3.58 0.00	56.86 3.53 -5.15	57.88 3.66 -4.65	95.47 2.78 -48.11	95.59 5.49 -4.01	122.92 6.17 -31.21	114.20 5.71 -36.08	95.57 4.90 -30.52	82.08 5.43 0.00	80.38 5.10 0.00	80.58 4.78 0.00	80.68 4.82 0.00	61.26 3.45 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	28.68 1.78 0.00	35.16 2.01 0.00	38.30 2.14 0.00	34.52 1.94 0.00	40.61 2.15 0.00	42.58 2.54 0.00	47.30 3.42 0.00	55.22 4.39 0.00	42.74 3.34 0.00	35.46 2.79 0.00	43.62 4.18 8.48	54.86 4.25 0.00	50.55 3.93 1.55	51.88 4.12 1.80	30.08 3.57 18.06	91.73 7.37 1.73	82.06 8.67 12.15	66.25 8.01 14.17	54.09 6.81 12.87	84.55 7.90 0.00	82.71 7.43 0.00	82.86 7.06 0.00	82.81 6.96 0.00	62.77 4.96 0.00
KIAC_JFK_GT1 23816	28.30 1.41 0.00	34.70 1.55 0.00	37.78 1.63 0.00	34.05 1.46 0.00	39.92 1.46 0.00	41.75 1.70 0.00	46.41 2.53 0.00	54.25 3.41 0.00	42.10 2.70 0.00	35.04 2.37 0.00	79.27 3.60 -27.74	54.52 3.91 0.00	57.05 3.87 -5.01	58.12 4.04 -4.52	94.34 2.96 -46.80	95.93 5.93 -3.90	122.51 6.56 -30.40	113.51 5.94 -35.16	94.90 5.01 -29.73	82.24 5.59 0.00	80.55 5.28 0.00	80.78 4.99 0.00	81.10 5.25 0.00	61.57 3.76 0.00
KIAC_JFK_GT2 23817	28.30 1.41 0.00	34.70 1.55 0.00	37.78 1.63 0.00	34.05 1.46 0.00	39.92 1.46 0.00	41.75 1.70 0.00	46.41 2.53 0.00	54.25 3.41 0.00	42.10 2.70 0.00	35.04 2.37 0.00	79.27 3.60 -27.74	54.52 3.91 0.00	57.05 3.87 -5.01	58.12 4.04 -4.52	94.34 2.96 -46.80	95.93 5.93 -3.90	122.51 6.56 -30.40	113.51 5.94 -35.16	94.90 5.01 -29.73	82.24 5.59 0.00	80.55 5.28 0.00	80.78 4.99 0.00	81.10 5.25 0.00	61.57 3.76 0.00
KIAC_JFK____ 323774	28.30 1.41 0.00	34.70 1.55 0.00	37.78 1.63 0.00	34.05 1.46 0.00	39.92 1.46 0.00	41.75 1.70 0.00	46.41 2.53 0.00	54.24 3.41 0.00	42.10 2.70 0.00	35.04 2.37 0.00	79.27 3.60 -27.74	54.52 3.91 0.00	57.05 3.87 -5.01	58.16 4.08 -4.52	94.33 2.95 -46.80	95.93 5.93 -3.90	122.51 6.56 -30.40	113.51 5.94 -35.16	94.91 5.02 -29.73	82.24 5.59 0.00	80.56 5.28 0.00	80.78 4.98 0.00	81.10 5.24 0.00	61.57 3.76 0.00
KINTIGH____ 23543	25.53 -1.36 0.00	31.51 -1.64 0.00	34.43 -1.72 0.00	31.14 -1.44 0.00	36.99 -1.46 0.00	38.37 -1.68 0.00	41.31 -2.58 0.00	46.28 -4.04 0.52	36.63 -2.76 0.01	30.71 -1.96 0.00	42.93 -3.88 1.11	46.43 -4.10 0.07	44.63 -3.83 -0.28	50.17 -3.11 -4.13	42.01 -5.92 -0.54	82.07 -6.12 -1.89	78.07 -6.12 1.36	65.58 -5.27 1.55	54.62 -4.36 1.17	70.49 -6.16 0.00	68.98 -6.30 0.00	69.38 -6.42 0.00	70.45 -5.40 0.00	54.00 -3.81 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	42.88 -0.81 -16.80	62.55 -0.98 -30.39	51.61 -0.96 -16.41	44.01 -0.74 -12.16	37.99 -0.47 0.00	39.60 -0.44 0.00	43.18 -0.70 0.00	49.78 -1.05 0.00	38.73 -0.67 0.00	31.72 -0.94 0.00	-15.95 -1.09 62.78	-21.79 -1.29 71.11	-21.76 -1.22 68.72	-21.83 -1.47 69.92	-21.82 -1.10 65.29	-21.86 -1.80 106.16	-21.72 -2.25 105.02	-21.64 -2.10 91.95	-21.65 -1.93 79.88	43.99 -1.84 30.83	15.45 -1.56 58.27	67.82 -1.13 6.85	76.67 0.81 0.00	58.85 1.04 0.00
LACHUTE____HYDRO 323717	29.52 2.63 0.00	36.32 3.18 0.00	39.44 3.29 0.00	35.61 3.02 0.00	42.25 3.79 0.00	44.74 4.69 0.00	49.40 5.52 0.00	58.33 7.49 0.00	44.76 5.36 0.00	36.39 3.72 0.00	58.98 5.21 -5.84	56.34 5.73 0.00	55.05 5.81 -1.06	56.17 5.59 -1.01	59.93 5.30 -10.06	98.34 11.35 -0.89	105.39 13.06 -6.78	91.79 11.53 -7.86	76.36 9.56 -6.65	87.23 10.57 0.00	85.18 9.89 0.00	85.50 9.70 0.00	85.35 9.49 0.00	64.77 6.96 0.00
LAWRNCV_115KV_TB1 80681	26.02 -1.81 -0.94	32.71 -2.14 -1.70	35.02 -2.05 -0.92	31.21 -2.05 -0.68	36.20 -2.26 0.00	36.34 -3.71 0.00	39.50 -4.38 0.00	45.97 -4.86 0.00	36.35 -3.05 0.00	30.38 -2.29 0.00	87.90 -1.48 -41.45	95.13 -2.42 -46.94	91.19 -2.36 -45.37	93.19 -2.52 -46.15	85.75 -1.91 -43.09	153.07 -3.09 -70.06	149.26 -5.59 -69.31	128.29 -4.80 -60.68	108.19 -4.67 -52.71	91.91 -5.10 -20.36	110.45 -3.33 -38.50	77.53 -2.79 -4.53	77.13 1.28 0.00	59.42 1.62 0.00
LEDERLE____ 23769	28.09 1.20 0.00	34.43 1.28 0.00	37.51 1.35 0.00	33.82 1.24 0.00	39.74 1.28 0.00	41.66 1.62 0.00	46.19 2.31 0.00	53.77 2.93 0.00	41.61 2.21 0.00	34.66 1.99 0.00	4.13 2.94 46.74	53.86 3.25 0.00	42.89 3.19 8.48	44.52 3.32 8.36	-33.85 2.52 80.94	83.66 5.00 7.45	35.64 5.67 55.57	13.39 5.28 64.30	9.61 4.52 55.06	81.70 5.05 0.00	79.98 4.69 0.00	80.18 4.38 0.00	80.25 4.39 0.00	60.90 3.09 0.00
LIGHTHSE_115KV_TB6 355974	26.05 -0.85 0.00	32.10 -1.05 0.00	35.20 -0.95 0.00	31.59 -1.00 0.00	37.24 -1.22 0.00	38.71 -1.33 0.00	42.31 -1.57 0.00	49.01 -1.83 0.00	38.10 -1.30 0.00	31.71 -0.96 0.00	50.77 -1.61 -4.45	53.97 -1.67 -5.04	51.59 -1.46 -4.87	53.11 -1.40 -4.94	48.01 -1.16 -4.60	91.39 -2.19 -7.48	90.60 -2.34 -7.40	77.43 -1.46 -6.47	64.48 -1.30 -5.62	77.38 -1.44 -2.17	78.08 -1.31 -4.11	75.04 -1.24 -0.48	74.94 -0.91 0.00	57.08 -0.73 0.00
LINDEN COGEN____ 23786	28.22 1.33 0.00	34.57 1.43 0.00	37.66 1.51 0.00	33.95 1.36 0.00	39.82 1.36 0.00	41.72 1.67 0.00	46.31 2.43 0.00	54.03 3.19 0.00	41.92 2.52 0.00	34.93 2.26 0.00	79.01 3.34 -27.74	54.37 3.76 0.00	56.90 3.71 -5.01	57.99 3.91 -4.52	94.17 2.80 -46.80	95.62 5.62 -3.90	122.24 6.29 -30.40	113.28 5.72 -35.16	94.71 4.83 -29.73	82.01 5.36 0.00	80.26 4.98 0.00	80.44 4.65 0.00	80.59 4.74 0.00	61.24 3.43 0.00
LINDHRST_69_KV_BK1 356055	28.75 1.85 0.00	35.11 1.96 0.00	38.20 2.04 0.00	34.41 1.83 0.00	40.46 2.00 0.00	42.52 2.48 0.00	47.16 3.28 0.00	55.14 4.30 0.00	42.29 2.89 0.00	35.24 2.57 0.00	79.78 4.18 -27.68	55.08 4.47 0.00	57.57 4.39 -4.99	58.75 4.68 -4.51	94.81 3.54 -46.70	97.10 7.11 -3.89	124.03 8.14 -30.34	115.25 7.75 -35.09	96.78 6.95 -29.68	84.88 8.22 0.00	83.10 7.81 0.00	83.12 7.32 0.00	83.17 7.32 0.00	62.93 5.12 0.00
LIPA_MISC_IPP 23656	28.61 1.72 0.00	34.89 1.74 0.00	37.93 1.77 0.00	34.18 1.59 0.00	40.22 1.76 0.00	42.35 2.30 0.00	46.92 3.04 0.00	54.91 4.08 0.00	41.91 2.51 0.00	34.87 2.20 0.00	79.36 3.76 -27.68	54.56 3.96 0.00	57.05 3.87 -4.99	58.18 4.10 -4.51	94.14 2.87 -46.70	96.21 6.22 -3.89	123.78 7.89 -30.34	114.98 7.49 -35.09	96.62 6.79 -29.68	84.72 8.07 0.00	82.90 7.62 0.00	82.79 6.99 0.00	82.77 6.92 0.00	62.62 4.81 0.00
LISF__SOLAR 323691	28.66 1.77 0.00	34.94 1.79 0.00	37.99 1.83 0.00	34.24 1.66 0.00	40.28 1.82 0.00	42.42 2.37 0.00	47.02 3.14 0.00	55.01 4.18 0.00	41.99 2.59 0.00	34.93 2.26 0.00	79.40 3.80 -27.68	54.60 3.99 0.00	57.09 3.91 -4.99	58.25 4.18 -4.51	94.20 2.92 -46.70	96.39 6.40 -3.89	124.01 8.12 -30.34	115.18 7.69 -35.09	96.79 6.96 -29.68	84.93 8.28 0.00	83.11 7.83 0.00	83.01 7.21 0.00	82.95 7.09 0.00	62.74 4.93 0.00

LITTLE FALLS___HYD 24013	26.62 -0.27 0.00	32.91 -0.24 0.00	35.76 -0.39 0.00	32.27 -0.32 0.00	38.22 -0.24 0.00	40.05 0.00 0.00	44.45 0.57 0.00	51.90 1.07 0.00	39.88 0.48 0.00	32.59 -0.08 0.00	48.03 0.11 0.00	50.88 0.27 0.00	48.78 0.60 0.00	50.22 0.65 0.00	45.18 0.61 0.00	87.43 1.33 0.00	87.71 2.16 0.00	74.89 2.48 0.00	62.33 2.17 0.00	78.65 2.00 0.00	77.43 2.15 0.00	77.89 2.10 0.00	77.83 1.98 0.00	59.14 1.33 0.00
LITTLRIV_115KV_TB1 356100	26.49 -1.35 -0.94	33.29 -1.55 -1.70	35.63 -1.44 -0.92	31.77 -1.50 -0.68	36.89 -1.57 0.00	37.05 -3.00 0.00	40.39 -3.49 0.00	47.08 -3.76 0.00	37.21 -2.19 0.00	31.08 -1.59 0.00	88.89 -0.49 -41.45	95.80 -1.75 -46.94	91.78 -1.77 -45.37	93.87 -1.84 -46.15	86.41 -1.26 -43.09	154.61 -1.56 -70.06	151.16 -3.70 -69.31	130.02 -3.07 -60.68	109.60 -3.26 -52.71	93.70 -3.31 -20.36	112.16 -1.62 -38.50	79.24 -1.08 -4.53	78.90 3.05 0.00	60.70 2.89 0.00
LI_NEWBRDGE___DRP 323616	28.33 1.44 0.00	34.65 1.50 0.00	37.71 1.55 0.00	33.98 1.39 0.00	39.91 1.45 0.00	41.91 1.87 0.00	46.43 2.56 0.00	54.25 3.42 0.00	41.68 2.28 0.00	34.77 2.10 0.00	79.06 3.46 -27.68	54.40 3.80 0.00	56.91 3.73 -4.99	58.04 3.96 -4.51	94.18 2.91 -46.70	95.79 5.79 -3.89	122.63 6.74 -30.34	113.92 6.42 -35.09	95.48 5.66 -29.68	83.19 6.54 0.00	81.49 6.21 0.00	81.57 5.77 0.00	81.58 5.73 0.00	61.86 4.05 0.00
LOCKPORT_115KV_TB60_63_64 80432	25.76 -1.13 0.00	31.79 -1.36 0.00	34.73 -1.42 0.00	31.42 -1.16 0.00	37.37 -1.09 0.00	38.75 -1.29 0.00	41.52 -2.36 0.00	46.09 -3.97 0.78	36.72 -2.65 0.02	30.82 -1.84 0.00	42.20 -3.95 1.78	46.25 -4.26 0.10	43.70 -3.98 0.49	37.72 -3.78 8.06	38.63 -3.26 2.69	76.35 -6.09 3.66	78.20 -5.85 1.49	65.77 -4.93 1.70	54.84 -4.03 1.28	70.58 -6.07 0.00	69.03 -6.25 0.00	69.31 -6.49 0.00	70.48 -5.37 0.00	54.00 -3.81 0.00
LOCKPORT___CC1 323769	25.72 -1.18 0.00	31.74 -1.41 0.00	34.68 -1.47 0.00	31.37 -1.22 0.00	37.32 -1.14 0.00	38.68 -1.37 0.00	41.45 -2.43 0.00	45.90 -4.10 0.84	36.62 -2.76 0.02	30.74 -1.93 0.00	41.97 -4.05 1.90	46.12 -4.38 0.11	43.61 -4.05 0.52	37.01 -4.14 8.41	38.35 -3.43 2.80	75.99 -6.25 3.86	78.01 -6.03 1.50	65.55 -5.14 1.72	54.67 -4.19 1.29	70.39 -6.26 0.00	68.85 -6.43 0.00	69.15 -6.65 0.00	70.29 -5.57 0.00	53.81 -4.00 0.00
LOCKPORT___CC2 323770	25.72 -1.18 0.00	31.74 -1.41 0.00	34.68 -1.47 0.00	31.37 -1.22 0.00	37.32 -1.14 0.00	38.68 -1.37 0.00	41.45 -2.43 0.00	45.90 -4.10 0.84	36.62 -2.76 0.02	30.74 -1.93 0.00	41.97 -4.05 1.90	46.12 -4.38 0.11	43.61 -4.05 0.52	37.01 -4.14 8.41	38.35 -3.43 2.80	75.99 -6.25 3.86	78.01 -6.03 1.50	65.55 -5.14 1.72	54.67 -4.19 1.29	70.39 -6.26 0.00	68.85 -6.43 0.00	69.15 -6.65 0.00	70.29 -5.57 0.00	53.81 -4.00 0.00
LOCKPORT___CC3 323771	25.72 -1.18 0.00	31.74 -1.41 0.00	34.68 -1.47 0.00	31.37 -1.22 0.00	37.32 -1.14 0.00	38.68 -1.37 0.00	41.45 -2.43 0.00	45.90 -4.10 0.84	36.62 -2.76 0.02	30.74 -1.93 0.00	41.97 -4.05 1.90	46.12 -4.38 0.11	43.61 -4.05 0.52	37.01 -4.14 8.41	38.35 -3.43 2.80	75.99 -6.25 3.86	78.01 -6.03 1.50	65.55 -5.14 1.72	54.67 -4.19 1.29	70.39 -6.26 0.00	68.85 -6.43 0.00	69.15 -6.65 0.00	70.29 -5.57 0.00	53.81 -4.00 0.00
LONG_LAKE_PHOENIX 24014	26.27 -0.62 0.00	32.34 -0.81 0.00	35.27 -0.88 0.00	31.78 -0.80 0.00	37.52 -0.94 0.00	39.03 -1.02 0.00	42.68 -1.20 0.00	49.38 -1.46 0.00	38.32 -1.08 0.00	31.86 -0.81 0.00	46.35 -1.58 0.00	48.93 -1.68 0.00	46.65 -1.53 0.00	48.11 -1.45 0.00	43.29 -1.29 0.00	83.71 -2.40 0.00	83.38 -2.17 0.00	70.73 -1.67 0.00	58.83 -1.32 0.00	74.76 -1.89 0.00	73.39 -1.89 0.00	73.74 -2.06 0.00	73.81 -2.05 0.00	56.19 -1.62 0.00
LOVETT___3 23632	27.94 1.05 0.00	34.25 1.11 0.00	37.31 1.16 0.00	33.64 1.05 0.00	39.51 1.05 0.00	41.41 1.37 0.00	45.88 2.00 0.00	53.39 2.55 0.00	41.31 1.92 0.00	34.42 1.75 0.00	2.81 2.62 47.74	53.54 2.93 0.00	42.42 2.90 8.66	44.02 3.01 8.55	-36.09 2.22 82.88	82.83 4.41 7.67	33.29 5.05 57.31	10.85 4.75 66.31	7.45 4.07 56.77	81.11 4.46 0.00	79.41 4.13 0.00	79.63 3.84 0.00	79.71 3.86 0.00	60.52 2.71 0.00
LOVETT___4 23642	27.94 1.05 0.00	34.25 1.11 0.00	37.31 1.16 0.00	33.64 1.05 0.00	39.51 1.05 0.00	41.41 1.37 0.00	45.88 2.00 0.00	53.39 2.55 0.00	41.31 1.92 0.00	34.42 1.75 0.00	2.81 2.62 47.74	53.54 2.93 0.00	42.42 2.90 8.66	44.02 3.01 8.55	-36.09 2.22 82.88	82.83 4.41 7.67	33.29 5.05 57.31	10.85 4.75 66.31	7.45 4.07 56.77	81.11 4.46 0.00	79.41 4.13 0.00	79.63 3.84 0.00	79.71 3.86 0.00	60.52 2.71 0.00
LOVETT___5 23593	27.94 1.05 0.00	34.25 1.11 0.00	37.31 1.16 0.00	33.64 1.05 0.00	39.51 1.05 0.00	41.41 1.37 0.00	45.88 2.00 0.00	53.39 2.55 0.00	41.31 1.92 0.00	34.42 1.75 0.00	2.81 2.62 47.74	53.54 2.93 0.00	42.42 2.90 8.66	44.02 3.01 8.55	-36.09 2.22 82.88	82.83 4.41 7.67	33.29 5.05 57.31	10.85 4.75 66.31	7.45 4.07 56.77	81.11 4.46 0.00	79.41 4.13 0.00	79.63 3.84 0.00	79.71 3.86 0.00	60.52 2.71 0.00
LOWER RAQUET___HYD 24057	26.02 -1.81 -0.94	32.71 -2.14 -1.70	35.02 -2.05 -0.92	31.21 -2.05 -0.68	36.20 -2.26 0.00	36.34 -3.71 0.00	39.51 -4.38 0.00	45.98 -4.86 0.00	36.35 -3.05 0.00	30.38 -2.29 0.00	87.89 -1.49 -41.45	95.13 -2.42 -46.94	91.19 -2.36 -45.37	93.19 -2.52 -46.15	85.77 -1.90 -43.09	153.06 -3.11 -70.06	149.26 -5.59 -69.31	128.29 -4.80 -60.68	108.20 -4.67 -52.71	91.91 -5.10 -20.36	110.45 -3.33 -38.50	77.53 -2.79 -4.53	77.13 1.28 0.00	59.43 1.62 0.00
LOWER___HUDSON 24059	27.86 0.97 0.00	34.36 1.22 0.00	37.40 1.25 0.00	33.66 1.08 0.00	39.73 1.27 0.00	41.62 1.57 0.00	45.82 1.94 0.00	53.39 2.56 0.00	41.18 1.78 0.00	34.00 1.33 0.00	56.34 2.10 -6.32	52.95 2.35 0.00	51.74 2.41 -1.14	53.08 2.43 -1.09	57.56 2.11 -10.87	91.16 4.10 -0.97	97.42 4.55 -7.33	85.10 4.20 -8.49	70.92 3.59 -7.18	80.75 4.10 0.00	79.31 4.03 0.00	79.70 3.90 0.00	79.71 3.86 0.00	60.68 2.87 0.00
LOWVILLE_115KV_TB2 356335	25.52 -1.37 0.00	31.59 -1.56 0.00	34.95 -1.21 0.00	30.98 -1.61 0.00	36.51 -1.95 0.00	37.90 -2.15 0.00	41.70 -2.19 0.00	48.34 -2.50 0.00	37.69 -1.70 0.00	31.40 -1.27 0.00	58.84 -0.92 -11.83	63.16 -0.85 -13.40	60.04 -1.09 -12.95	61.44 -1.30 -13.17	55.84 -1.03 -12.29	104.21 -1.88 -19.99	103.25 -2.07 -19.77	89.15 -0.56 -17.31	74.14 -1.05 -15.04	82.05 -0.40 -5.81	86.84 0.57 -10.98	78.17 1.08 -1.29	77.97 2.12 0.00	59.50 1.69 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	28.47 1.58 0.00	35.10 1.95 0.00	38.19 2.04 0.00	34.39 1.81 0.00	40.66 2.21 0.00	42.66 2.62 0.00	47.03 3.15 0.00	54.86 4.02 0.00	42.26 2.86 0.00	34.78 2.11 0.00	57.09 3.20 -5.96	54.03 3.42 0.00	52.77 3.51 -1.08	54.20 3.60 -1.03	58.07 3.22 -10.27	93.60 6.58 -0.91	99.62 7.16 -6.92	86.85 6.42 -8.02	72.35 5.41 -6.79	83.04 6.39 0.00	81.45 6.16 0.00	81.73 5.93 0.00	81.65 5.80 0.00	62.05 4.24 0.00

LUTHERNY_35_KV_BK2 355980	28.48 1.59 0.00	35.13 1.98 0.00	38.19 2.04 0.00	34.38 1.80 0.00	40.66 2.21 0.00	42.72 2.67 0.00	47.06 3.18 0.00	54.91 4.07 0.00	42.25 2.85 0.00	34.79 2.12 0.00	57.13 3.24 -5.96	54.03 3.42 0.00	52.85 3.59 -1.08	54.25 3.65 -1.03	58.11 3.26 -10.27	93.82 6.81 -0.91	99.70 7.23 -6.92	86.93 6.50 -8.02	72.40 5.46 -6.79	83.15 6.50 0.00	81.51 6.23 0.00	81.76 5.96 0.00	81.64 5.79 0.00	62.04 4.23 0.00
LWR___OSWEGATCHIE_HYD 23850	25.64 -1.89 -0.64	32.07 -2.23 -1.15	34.75 -2.03 -0.62	30.87 -2.18 -0.46	35.93 -2.53 0.00	36.63 -3.42 0.00	40.02 -3.87 0.00	46.50 -4.34 0.00	36.54 -2.85 0.00	30.50 -2.16 0.00	74.32 -1.74 -28.13	80.21 -2.26 -31.87	76.74 -2.24 -30.79	78.47 -2.42 -31.32	71.91 -1.91 -29.24	130.35 -3.30 -47.55	127.78 -4.80 -47.04	110.05 -3.54 -41.18	92.35 -3.58 -35.77	86.82 -3.65 -13.81	99.12 -2.29 -26.13	77.12 -1.75 -3.07	76.83 0.97 0.00	58.93 1.12 0.00
LYONS_FALL_HYD 23570	26.29 -0.60 0.00	32.48 -0.67 0.00	35.73 -0.43 0.00	31.87 -0.71 0.00	37.60 -0.86 0.00	39.11 -0.93 0.00	43.05 -0.83 0.00	49.91 -0.93 0.00	38.82 -0.57 0.00	32.29 -0.38 0.00	55.76 -0.01 -7.84	59.61 0.12 -8.88	56.70 -0.07 -8.59	58.14 -0.15 -8.73	52.66 -0.06 -8.15	99.33 -0.02 -13.25	98.61 -0.04 -13.10	84.65 0.77 -11.47	70.40 0.28 -9.97	81.37 0.87 -3.85	84.01 1.45 -7.28	78.35 1.70 -0.86	78.14 2.28 0.00	59.55 1.74 0.00
MADISON___COUNTY_LFGE 323628	27.37 0.47 0.00	33.77 0.62 0.00	36.86 0.70 0.00	33.18 0.60 0.00	39.23 0.77 0.00	40.88 0.83 0.00	45.04 1.16 0.00	52.16 1.32 0.00	40.46 1.06 0.00	33.58 0.92 0.00	51.62 1.32 -2.38	54.81 1.51 -2.70	52.18 1.39 -2.60	53.80 1.59 -2.64	48.45 1.40 -2.47	92.88 2.77 -4.01	92.33 2.82 -3.97	78.46 2.58 -3.47	65.30 2.13 -3.01	80.38 2.57 -1.16	80.08 2.60 -2.20	78.58 2.52 -0.26	78.34 2.48 0.00	59.57 1.76 0.00
MALONE___115KV_TB1 356076	27.52 -1.07 -1.70	34.93 -1.30 -3.08	36.56 -1.25 -1.66	32.73 -1.09 -1.23	37.53 -0.93 0.00	38.76 -1.29 0.00	42.26 -1.62 0.00	48.83 -2.00 0.00	38.21 -1.19 0.00	31.47 -1.20 0.00	122.15 -0.97 -75.19	134.27 -1.49 -85.16	129.19 -1.30 -82.31	131.71 -1.59 -83.73	121.67 -1.09 -78.18	211.43 -1.80 -127.12	208.56 -2.74 -125.75	180.02 -2.49 -110.10	153.49 -2.31 -95.64	111.23 -2.35 -36.93	143.44 -1.70 -69.86	82.81 -1.20 -8.21	77.10 1.25 0.00	59.22 1.41 0.00
MAPLEWOD_115KV_TB3 80458	27.59 0.69 0.00	34.02 0.87 0.00	37.05 0.90 0.00	33.36 0.77 0.00	39.35 0.89 0.00	41.11 1.06 0.00	45.24 1.35 0.00	52.66 1.82 0.00	40.65 1.25 0.00	33.66 0.99 0.00	55.69 1.75 -6.01	52.65 2.05 0.00	51.35 2.08 -1.09	52.74 2.14 -1.04	56.77 1.87 -10.32	90.29 3.27 -0.92	96.26 3.74 -6.97	83.96 3.49 -8.06	69.97 3.00 -6.81	80.05 3.40 0.00	78.58 3.30 0.00	78.94 3.14 0.00	78.92 3.06 0.00	60.15 2.34 0.00
MAPLE_RIDGE_WT_1 323574	26.27 -0.62 0.00	32.41 -0.74 0.00	35.43 -0.72 0.00	31.77 -0.82 0.00	37.49 -0.97 0.00	39.16 -0.89 0.00	42.83 -1.06 0.00	49.40 -1.43 0.00	38.34 -1.06 0.00	31.82 -0.84 0.00	44.99 -1.13 1.81	47.47 -1.10 2.05	44.89 -1.31 1.98	46.13 -1.42 2.01	41.45 -1.24 1.88	80.84 -2.20 3.06	80.33 -2.19 3.02	68.01 -1.76 2.64	56.40 -1.45 2.30	74.49 -1.27 0.89	72.79 -0.81 1.68	75.05 -0.55 0.20	75.44 -0.42 0.00	57.59 -0.22 0.00
MAPLE_RIDGE_WT_2 323611	26.27 -0.62 0.00	32.41 -0.74 0.00	35.43 -0.72 0.00	31.77 -0.82 0.00	37.49 -0.97 0.00	39.16 -0.89 0.00	42.83 -1.06 0.00	49.40 -1.43 0.00	38.34 -1.06 0.00	31.82 -0.84 0.00	44.99 -1.13 1.81	47.47 -1.10 2.05	44.89 -1.31 1.98	46.13 -1.42 2.01	41.45 -1.24 1.88	80.84 -2.20 3.06	80.33 -2.19 3.02	68.01 -1.76 2.64	56.40 -1.45 2.30	74.49 -1.27 0.89	72.79 -0.81 1.68	75.05 -0.55 0.20	75.44 -0.42 0.00	57.59 -0.22 0.00
MARBLE_RIVER_WT_PWR 323696	1.72 -1.07 24.10	-11.74 -1.31 43.58	11.30 -1.32 23.53	14.06 -1.09 17.44	37.54 -0.92 0.00	39.14 -0.90 0.00	42.65 -1.23 0.00	49.12 -1.72 0.00	38.23 -1.17 0.00	31.38 -1.30 0.00	-15.26 -1.66 61.52	-21.00 -1.92 69.68	-21.00 -1.83 67.35	-21.00 -2.04 68.52	-21.00 -1.60 63.98	-21.00 -3.07 104.03	-21.00 -3.62 102.92	-21.00 -3.30 90.11	-21.00 -2.87 78.28	43.23 -3.21 30.21	15.25 -2.93 57.11	66.65 -2.43 6.71	75.34 -0.51 0.00	57.86 0.05 0.00
MARSHVLE_115KV_TB1 80742	28.00 1.11 0.00	34.56 1.41 0.00	37.76 1.61 0.00	34.06 1.47 0.00	40.34 1.88 0.00	42.01 1.97 0.00	46.05 2.16 0.00	53.43 2.59 0.00	41.34 1.94 0.00	34.22 1.55 0.00	53.24 1.76 -3.55	52.35 1.75 0.00	50.52 1.71 -0.63	51.91 1.95 -0.39	52.47 1.85 -6.04	90.44 3.91 -0.43	94.08 4.41 -4.13	81.15 3.88 -4.86	67.68 3.29 -4.24	80.76 4.11 0.00	79.30 4.02 0.00	79.81 4.01 0.00	79.95 4.09 0.00	60.83 3.02 0.00
MARSH_HILL_WT_PWR 323713	24.88 -2.01 0.00	30.71 -2.44 0.00	33.36 -2.79 0.00	30.12 -2.46 0.00	35.77 -2.69 0.00	37.05 -3.00 0.00	40.38 -3.50 0.00	49.64 -4.72 -3.53	35.97 -3.52 -0.09	29.68 -3.00 -0.01	49.83 -5.46 -7.36	45.48 -5.58 -0.45	42.75 -5.14 0.29	40.02 -4.92 4.62	38.11 -4.31 2.15	76.40 -7.30 2.40	77.26 -6.10 2.18	65.88 -4.06 2.47	55.69 -2.59 1.87	73.28 -3.37 0.00	72.13 -3.15 0.00	72.30 -3.50 0.00	73.31 -2.55 0.00	56.29 -1.52 0.00
MCINTYRE_115KV_TB2 80467	26.93 -0.91 -0.94	33.83 -1.01 -1.70	36.20 -0.87 -0.92	32.29 -0.98 -0.68	37.54 -0.92 0.00	37.74 -2.30 0.00	41.24 -2.64 0.00	48.11 -2.72 0.00	37.99 -1.41 0.00	31.69 -0.98 0.00	89.66 0.28 -41.45	96.40 -1.15 -46.94	92.24 -1.31 -45.37	94.42 -1.30 -46.15	86.81 -0.86 -43.09	155.82 -0.34 -70.06	152.91 -1.95 -69.31	131.69 -1.40 -60.68	110.95 -1.91 -52.71	95.43 -1.58 -20.36	113.80 0.02 -38.50	80.82 0.49 -4.53	80.39 4.54 0.00	61.78 3.97 0.00
MECO_____69_KV_BK1 80468	28.44 1.55 0.00	35.08 1.93 0.00	38.28 2.13 0.00	34.50 1.92 0.00	40.83 2.38 0.00	42.61 2.57 0.00	46.90 3.02 0.00	54.55 3.72 0.00	42.00 2.60 0.00	34.59 1.92 0.00	54.58 2.42 -4.23	53.26 2.65 0.00	51.66 2.73 -0.75	53.17 3.07 -0.54	54.63 2.83 -7.22	92.65 6.00 -0.55	97.20 6.74 -4.92	84.16 6.01 -5.74	70.16 5.07 -4.94	82.84 6.19 0.00	81.27 5.99 0.00	81.59 5.79 0.00	81.56 5.71 0.00	61.93 4.13 0.00
MENANDS___115KV_TB5 355628	27.42 0.52 0.00	33.82 0.67 0.00	36.83 0.68 0.00	33.16 0.57 0.00	39.11 0.65 0.00	40.85 0.81 0.00	44.94 1.06 0.00	52.31 1.47 0.00	40.38 0.98 0.00	33.47 0.80 0.00	55.51 1.59 -5.99	52.50 1.90 0.00	51.17 1.90 -1.08	52.54 1.94 -1.03	56.53 1.68 -10.28	89.85 2.83 -0.92	95.78 3.27 -6.96	83.51 3.07 -8.03	69.60 2.65 -6.79	79.60 2.95 0.00	78.14 2.86 0.00	78.49 2.70 0.00	78.50 2.65 0.00	59.88 2.07 0.00
MG INDUSTRY___DRP 24185	27.48 0.58 0.00	33.93 0.79 0.00	37.00 0.84 0.00	33.31 0.72 0.00	39.28 0.82 0.00	40.95 0.90 0.00	45.01 1.12 0.00	52.28 1.44 0.00	40.32 0.92 0.00	33.31 0.64 0.00	54.52 1.23 -5.36	52.22 1.61 0.00	50.67 1.52 -0.97	51.96 1.48 -0.92	54.92 1.43 -8.91	89.47 2.58 -0.79	94.51 2.96 -6.00	82.11 2.75 -6.95	68.35 2.37 -5.83	79.22 2.57 0.00	77.80 2.52 0.00	78.21 2.42 0.00	78.28 2.42 0.00	59.74 1.93 0.00

MID___OSWEGATCHIE_HYD 23849	25.64 -1.89 -0.64	32.07 -2.23 -1.15	34.75 -2.03 -0.62	30.87 -2.18 -0.46	35.93 -2.53 0.00	36.63 -3.42 0.00	40.02 -3.87 0.00	46.50 -4.34 0.00	36.54 -2.85 0.00	30.50 -2.16 0.00	74.32 -1.74 -28.13	80.21 -2.26 -31.87	76.74 -2.24 -30.79	78.47 -2.42 -31.32	71.91 -1.91 -29.24	130.35 -3.30 -47.55	127.78 -4.80 -47.04	110.05 -3.54 -41.18	92.35 -3.58 -35.77	86.82 -3.65 -13.81	99.12 -2.29 -26.13	77.12 -1.75 -3.07	76.83 0.97 0.00	58.93 1.12 0.00
MID___RAQUETTE_HYD 23851	26.02 -1.81 -0.94	32.71 -2.14 -1.70	35.02 -2.05 -0.92	31.21 -2.05 -0.68	36.20 -2.26 0.00	36.34 -3.71 0.00	39.50 -4.38 0.00	45.97 -4.86 0.00	36.35 -3.05 0.00	30.38 -2.29 0.00	87.90 -1.48 -41.45	95.13 -2.42 -46.94	91.19 -2.36 -45.37	93.19 -2.52 -46.15	85.75 -1.91 -43.09	153.07 -3.09 -70.06	149.26 -5.59 -69.31	128.29 -4.80 -60.68	108.19 -4.67 -52.71	91.91 -5.10 -20.36	110.45 -3.33 -38.50	77.53 -2.79 -4.53	77.13 1.28 0.00	59.42 1.62 0.00
MILLIKEN___1 23584	27.18 0.28 0.00	33.42 0.27 0.00	36.46 0.31 0.00	32.92 0.34 0.00	38.90 0.45 0.00	40.48 0.44 0.00	44.50 0.61 0.00	51.31 0.47 0.00	39.79 0.39 0.00	33.03 0.36 0.00	47.92 -0.01 0.00	50.59 -0.01 0.00	48.28 0.12 0.03	49.55 0.41 0.42	44.05 0.38 0.91	86.64 0.95 0.41	84.96 1.34 1.92	71.43 1.69 2.67	60.02 1.66 1.79	78.53 1.88 0.00	77.07 1.79 0.00	77.32 1.53 0.00	77.38 1.53 0.00	58.88 1.07 0.00
MILLIKEN___2 23585	27.18 0.28 0.00	33.42 0.27 0.00	36.46 0.31 0.00	32.92 0.34 0.00	38.90 0.45 0.00	40.48 0.44 0.00	44.50 0.61 0.00	51.31 0.47 0.00	39.79 0.39 0.00	33.03 0.36 0.00	47.92 -0.01 0.00	50.59 -0.01 0.00	48.28 0.12 0.03	49.55 0.41 0.42	44.05 0.38 0.91	86.64 0.95 0.41	84.96 1.34 1.92	71.43 1.69 2.67	60.02 1.66 1.79	78.53 1.88 0.00	77.07 1.79 0.00	77.32 1.53 0.00	77.38 1.53 0.00	58.88 1.07 0.00
MILLIKEN___DIESEL 23629	27.18 0.28 0.00	33.42 0.27 0.00	36.46 0.31 0.00	32.92 0.34 0.00	38.90 0.45 0.00	40.48 0.44 0.00	44.50 0.61 0.00	51.31 0.47 0.00	39.79 0.39 0.00	33.03 0.36 0.00	47.92 -0.01 0.00	50.59 -0.01 0.00	48.28 0.12 0.03	49.55 0.41 0.42	44.05 0.38 0.91	86.64 0.95 0.41	84.96 1.34 1.92	71.43 1.69 2.67	60.02 1.66 1.79	78.53 1.88 0.00	77.07 1.79 0.00	77.32 1.53 0.00	77.38 1.53 0.00	58.88 1.07 0.00
MILLSEAT___LFGE 323607	26.34 -0.55 0.00	32.49 -0.66 0.00	35.49 -0.67 0.00	32.09 -0.49 0.00	38.18 -0.28 0.00	39.65 -0.40 0.00	42.72 -1.16 0.00	47.78 -2.41 0.65	37.93 -1.46 0.02	31.79 -0.88 0.00	44.03 -2.43 1.47	47.84 -2.68 0.09	45.26 -2.53 0.39	40.61 -2.58 6.38	40.36 -1.97 2.24	79.79 -3.38 2.94	81.11 -3.00 1.44	68.30 -2.47 1.64	56.93 -1.99 1.23	72.99 -3.66 0.00	71.31 -3.97 0.00	71.53 -4.26 0.00	72.51 -3.34 0.00	55.40 -2.41 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	28.08 1.19 0.00	34.44 1.29 0.00	37.51 1.36 0.00	33.80 1.22 0.00	39.70 1.24 0.00	41.62 1.57 0.00	46.12 2.23 0.00	53.77 2.93 0.00	41.64 2.24 0.00	34.67 2.00 0.00	80.06 3.07 -29.06	54.03 3.42 0.00	56.79 3.37 -5.24	57.85 3.51 -4.77	96.55 2.66 -49.31	95.52 5.24 -4.18	124.01 5.91 -32.56	115.55 5.50 -37.64	96.71 4.72 -31.85	81.87 5.22 0.00	80.15 4.87 0.00	80.38 4.58 0.00	80.47 4.62 0.00	61.10 3.29 0.00
MILLWOOD_13_KV_LOAD 356217	28.12 1.23 0.00	34.49 1.34 0.00	37.56 1.41 0.00	33.85 1.26 0.00	39.76 1.30 0.00	41.67 1.63 0.00	46.19 2.30 0.00	53.86 3.02 0.00	41.71 2.31 0.00	34.73 2.06 0.00	80.13 3.14 -29.06	54.12 3.51 0.00	56.86 3.43 -5.24	57.90 3.57 -4.77	96.62 2.73 -49.31	95.68 5.40 -4.18	124.18 6.08 -32.56	115.71 5.66 -37.64	96.83 4.84 -31.85	82.02 5.37 0.00	80.30 5.02 0.00	80.51 4.72 0.00	80.60 4.75 0.00	61.20 3.39 0.00
MODEL_CITY_ENERGY 24167	25.37 -1.53 0.00	31.31 -1.84 0.00	34.23 -1.93 0.00	30.96 -1.63 0.00	36.82 -1.64 0.00	38.16 -1.89 0.00	40.80 -3.08 0.00	45.14 -4.86 0.84	36.01 -3.37 0.02	30.24 -2.43 0.00	41.32 -4.73 1.87	45.34 -5.16 0.11	42.81 -4.81 0.57	35.41 -4.94 9.22	37.41 -4.13 3.04	74.15 -7.63 4.32	76.65 -7.36 1.53	64.40 -6.26 1.75	53.72 -5.12 1.31	69.02 -7.63 0.00	67.51 -7.77 0.00	67.86 -7.93 0.00	69.23 -6.62 0.00	53.19 -4.62 0.00
MODERN_LFGE___ 323580	25.37 -1.53 0.00	31.31 -1.84 0.00	34.23 -1.93 0.00	30.96 -1.63 0.00	36.82 -1.64 0.00	38.16 -1.89 0.00	40.80 -3.08 0.00	45.14 -4.86 0.84	36.01 -3.37 0.02	30.24 -2.43 0.00	41.32 -4.73 1.87	45.34 -5.16 0.11	42.81 -4.81 0.57	35.41 -4.94 9.22	37.41 -4.13 3.04	74.15 -7.63 4.32	76.65 -7.36 1.53	64.40 -6.26 1.75	53.72 -5.12 1.31	69.02 -7.63 0.00	67.51 -7.77 0.00	67.86 -7.93 0.00	69.23 -6.62 0.00	53.19 -4.62 0.00
MOHAWK_PAPER___DRP 24187	27.59 0.69 0.00	34.02 0.87 0.00	37.05 0.90 0.00	33.36 0.77 0.00	39.35 0.89 0.00	41.11 1.06 0.00	45.24 1.35 0.00	52.66 1.82 0.00	40.65 1.25 0.00	33.66 0.99 0.00	55.69 1.75 -6.01	52.65 2.05 0.00	51.35 2.08 -1.09	52.74 2.14 -1.04	56.77 1.87 -10.32	90.29 3.27 -0.92	96.26 3.74 -6.97	83.96 3.49 -8.06	69.97 3.00 -6.81	80.05 3.40 0.00	78.58 3.30 0.00	78.94 3.14 0.00	78.92 3.06 0.00	60.15 2.34 0.00
MOHICAN___35_KV_115KV_LD 80490	28.72 1.83 0.00	35.37 2.23 0.00	38.48 2.33 0.00	34.68 2.09 0.00	41.05 2.59 0.00	43.18 3.13 0.00	47.64 3.76 0.00	55.81 4.97 0.00	43.01 3.61 0.00	35.25 2.58 0.00	57.62 3.83 -5.86	54.69 4.08 0.00	53.35 4.11 -1.06	54.75 4.17 -1.01	58.45 3.78 -10.09	94.80 7.80 -0.90	101.07 8.72 -6.81	88.05 7.75 -7.89	73.32 6.50 -6.67	84.29 7.63 0.00	82.58 7.30 0.00	82.83 7.03 0.00	82.72 6.87 0.00	62.80 4.99 0.00
MONGAUP___HYD 23641	28.10 1.21 0.00	34.50 1.35 0.00	37.57 1.42 0.00	33.86 1.28 0.00	39.86 1.40 0.00	41.73 1.69 0.00	46.22 2.34 0.00	53.85 3.01 0.00	41.58 2.18 0.00	34.45 1.78 0.00	14.97 2.22 35.18	52.89 2.28 0.00	43.89 2.10 6.39	45.56 2.32 6.33	-14.23 2.00 60.82	85.11 4.54 5.53	50.20 5.62 40.96	30.54 5.55 47.42	24.25 4.83 40.73	82.32 5.67 0.00	80.61 5.33 0.00	80.82 5.03 0.00	80.81 4.96 0.00	61.32 3.51 0.00
MONTAUK___DIESEL 23721	27.79 0.90 0.00	33.90 0.75 0.00	36.82 0.67 0.00	33.21 0.62 0.00	39.19 0.73 0.00	41.43 1.38 0.00	46.08 2.20 0.00	54.01 3.17 0.00	41.16 1.77 0.00	34.17 1.50 0.00	78.22 2.62 -27.68	53.32 2.71 0.00	55.81 2.64 -4.99	56.93 2.86 -4.51	92.52 1.25 -46.70	93.55 3.56 -3.89	122.43 6.55 -30.34	114.07 6.58 -35.09	95.86 6.03 -29.68	83.77 7.11 0.00	81.88 6.60 0.00	81.76 5.96 0.00	81.95 6.10 0.00	62.31 4.49 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	25.23 -1.66 0.00	31.18 -1.97 0.00	34.00 -2.15 0.00	30.69 -1.89 0.00	36.57 -1.89 0.00	38.02 -2.02 0.00	41.04 -2.84 0.00	45.61 -4.39 0.84	36.26 -3.11 0.02	30.43 -2.24 0.00	41.74 -4.37 1.81	45.64 -4.40 0.57	43.63 -4.00 0.55	37.12 -3.70 8.75	38.29 -3.23 3.06	75.67 -6.17 4.26	77.76 -6.02 1.76	66.00 -4.40 2.01	55.16 -3.48 1.51	71.38 -5.27 0.00	70.20 -5.08 0.00	70.71 -5.09 0.00	72.00 -3.86 0.00	55.02 -2.79 0.00

MORRIS_RIDGE___SOLAR 323848	25.39 -1.51 0.00	31.25 -1.90 0.00	34.07 -2.08 0.00	30.73 -1.86 0.00	36.48 -1.98 0.00	37.80 -2.25 0.00	41.09 -2.79 0.00	41.80 -4.05 4.98	36.28 -3.00 0.12	30.09 -2.56 0.02	32.75 -4.69 10.48	45.24 -4.75 0.62	43.46 -4.33 0.39	39.13 -4.25 6.18	38.43 -3.62 2.52	76.87 -6.13 3.10	77.94 -5.50 2.09	65.90 -4.13 2.38	55.33 -3.02 1.80	72.58 -4.07 0.00	71.31 -3.97 0.00	71.61 -4.18 0.00	72.62 -3.24 0.00	55.70 -2.11 0.00
MORTIMER_115KV_TB3 55949	26.17 -0.72 0.00	32.25 -0.90 0.00	35.21 -0.95 0.00	31.82 -0.77 0.00	37.75 -0.71 0.00	39.23 -0.81 0.00	42.58 -1.30 0.00	48.64 -2.19 0.00	37.99 -1.41 0.00	31.74 -0.93 0.00	45.77 -2.15 0.00	48.30 -2.31 0.00	46.08 -2.15 -0.05	48.29 -1.87 -0.59	42.60 -1.60 0.38	83.26 -2.91 -0.07	81.41 -2.91 1.22	68.79 -2.42 1.20	58.13 -2.02 0.00	73.57 -3.08 0.00	72.00 -3.28 0.00	72.31 -3.48 0.00	72.94 -2.92 0.00	55.69 -2.12 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	28.26 1.37 0.00	34.65 1.50 0.00	37.74 1.59 0.00	34.00 1.41 0.00	39.90 1.44 0.00	41.82 1.78 0.00	46.41 2.53 0.00	54.14 3.31 0.00	41.97 2.57 0.00	34.98 2.32 0.00	79.17 3.53 -27.71	54.54 3.93 0.00	57.06 3.88 -5.00	58.12 4.04 -4.51	94.36 3.03 -46.75	95.97 5.97 -3.90	122.59 6.67 -30.38	113.62 6.09 -35.12	95.03 5.17 -29.71	82.46 5.81 0.00	80.69 5.41 0.00	80.90 5.10 0.00	81.02 5.16 0.00	61.54 3.74 0.00
MUNSVILLE_WIND_PWR 323609	28.14 1.24 0.00	34.65 1.50 0.00	37.98 1.83 0.00	34.43 1.85 0.00	40.50 2.04 0.00	42.20 2.16 0.00	47.16 3.28 0.00	58.22 7.38 0.00	44.67 5.27 0.00	35.49 2.82 0.00	44.04 2.65 6.53	53.82 3.21 0.00	50.65 3.72 1.25	51.86 4.44 2.15	37.04 4.09 11.63	94.26 9.64 1.49	89.36 11.22 7.41	72.10 5.57 5.87	63.26 5.90 2.79	84.07 7.42 0.00	82.49 7.22 0.00	82.42 6.62 0.00	83.01 7.16 0.00	63.34 5.53 0.00
N SALMON___HYD 24042	27.52 -1.07 -1.70	34.93 -1.30 -3.08	36.56 -1.25 -1.66	32.73 -1.09 -1.23	37.53 -0.93 0.00	38.76 -1.29 0.00	42.26 -1.62 0.00	48.83 -2.00 0.00	38.21 -1.19 0.00	31.47 -1.20 0.00	122.15 -0.97 -75.19	134.27 -1.50 -85.16	129.19 -1.30 -82.31	131.71 -1.58 -83.73	121.69 -1.07 -78.18	211.42 -1.80 -127.12	208.56 -2.74 -125.75	180.03 -2.48 -110.10	153.49 -2.30 -95.64	111.23 -2.35 -36.93	143.44 -1.70 -69.86	82.81 -1.20 -8.21	77.10 1.25 0.00	59.22 1.42 0.00
N.AKRON__115KV_KNAPP 355671	26.16 -0.74 0.00	32.27 -0.87 0.00	35.25 -0.90 0.00	31.88 -0.70 0.00	37.93 -0.53 0.00	39.37 -0.67 0.00	42.34 -1.54 0.00	47.23 -2.91 0.70	37.54 -1.84 0.02	31.47 -1.19 0.00	43.39 -2.94 1.59	47.31 -3.20 0.09	44.71 -3.04 0.43	39.72 -2.80 7.04	39.81 -2.34 2.42	78.58 -4.30 3.22	80.12 -3.97 1.46	67.45 -3.30 1.67	56.20 -2.70 1.25	72.27 -4.38 0.00	70.66 -4.62 0.00	70.88 -4.92 0.00	71.93 -3.92 0.00	55.02 -2.79 0.00
N.BELMOR_69_KV_BK1 55787	28.51 1.62 0.00	34.86 1.71 0.00	37.93 1.77 0.00	34.17 1.58 0.00	40.14 1.69 0.00	42.17 2.12 0.00	46.74 2.86 0.00	54.62 3.79 0.00	42.00 2.60 0.00	35.00 2.33 0.00	79.33 3.73 -27.68	54.72 4.11 0.00	57.20 4.03 -4.99	58.33 4.26 -4.51	94.44 3.16 -46.70	96.16 6.17 -3.89	123.00 7.12 -30.34	114.42 6.93 -35.09	95.92 6.09 -29.68	83.75 7.10 0.00	82.09 6.81 0.00	82.24 6.44 0.00	82.21 6.35 0.00	62.27 4.46 0.00
N.E_GEN_SANDY PD 24062	32.45 1.04 -4.52	34.63 1.24 -0.24	37.23 1.27 0.19	33.66 1.07 0.00	39.65 1.19 0.00	50.11 1.52 -8.54	51.91 1.94 -6.08	74.43 2.66 -20.93	45.63 1.91 -4.32	34.25 1.58 0.00	63.88 2.54 -13.42	53.46 2.85 0.00	54.15 2.92 -3.05	47.89 2.92 4.59	71.81 2.37 -24.87	92.59 4.57 -1.92	105.02 5.08 -14.40	109.46 4.71 -32.34	91.13 4.06 -26.92	90.86 4.56 -9.66	96.14 4.38 -16.48	84.96 4.23 -4.93	82.76 4.34 -2.57	62.63 3.22 -1.60
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	27.98 1.08 0.00	34.30 1.16 0.00	37.36 1.21 0.00	33.69 1.11 0.00	39.56 1.10 0.00	41.47 1.43 0.00	45.96 2.08 0.00	53.51 2.67 0.00	41.41 2.01 0.00	34.49 1.83 0.00	3.15 2.72 47.50	53.63 3.02 0.00	42.54 2.98 8.61	44.17 3.11 8.50	-35.47 2.32 82.36	83.09 4.60 7.60	34.08 5.30 56.77	11.68 4.95 65.69	8.15 4.23 56.24	81.32 4.67 0.00	79.61 4.33 0.00	79.81 4.01 0.00	79.90 4.05 0.00	60.67 2.86 0.00
N.QUEENS_27_KV_LOAD 356247	28.37 1.47 0.00	34.83 1.69 0.00	37.91 1.76 0.00	34.15 1.57 0.00	39.96 1.51 0.00	41.94 1.90 0.00	46.58 2.70 0.00	54.45 3.61 0.00	42.13 2.73 0.00	35.17 2.51 0.00	79.46 3.81 -27.72	54.67 4.06 0.00	57.15 3.96 -5.00	58.23 4.15 -4.52	94.44 3.09 -46.77	95.98 5.98 -3.90	122.78 6.85 -30.39	113.88 6.33 -35.14	95.15 5.28 -29.72	82.82 6.17 0.00	80.97 5.69 0.00	81.17 5.37 0.00	81.38 5.53 0.00	61.74 3.93 0.00
N.TROY___115KV_TB1 355778	27.86 0.97 0.00	34.36 1.21 0.00	37.40 1.25 0.00	33.66 1.08 0.00	39.73 1.27 0.00	41.62 1.57 0.00	45.82 1.94 0.00	53.39 2.56 0.00	41.18 1.78 0.00	34.00 1.33 0.00	56.34 2.10 -6.32	52.95 2.35 0.00	51.74 2.42 -1.14	53.07 2.41 -1.09	57.57 2.12 -10.87	91.16 4.10 -0.97	97.42 4.55 -7.33	85.10 4.20 -8.49	70.92 3.59 -7.18	80.75 4.10 0.00	79.32 4.03 0.00	79.70 3.90 0.00	79.72 3.86 0.00	60.68 2.87 0.00
NARROWS_GT1_1 24228	28.39 1.50 0.00	34.80 1.66 0.00	37.91 1.75 0.00	34.15 1.57 0.00	40.05 1.60 0.00	42.00 1.95 0.00	46.66 2.78 0.00	54.41 3.57 0.00	42.21 2.81 0.00	35.20 2.53 0.00	79.43 3.77 -27.72	54.75 4.14 0.00	57.25 4.07 -5.00	58.35 4.27 -4.52	94.44 3.10 -46.77	96.19 6.19 -3.90	122.89 6.96 -30.39	113.93 6.38 -35.14	95.26 5.39 -29.72	82.74 6.08 0.00	80.89 5.62 0.00	81.08 5.28 0.00	81.25 5.39 0.00	61.72 3.92 0.00
NARROWS_GT1_2 24229	28.39 1.50 0.00	34.80 1.66 0.00	37.91 1.75 0.00	34.15 1.57 0.00	40.05 1.60 0.00	42.00 1.95 0.00	46.66 2.78 0.00	54.41 3.57 0.00	42.21 2.81 0.00	35.20 2.53 0.00	79.43 3.77 -27.72	54.75 4.14 0.00	57.25 4.07 -5.00	58.35 4.27 -4.52	94.44 3.10 -46.77	96.19 6.19 -3.90	122.89 6.96 -30.39	113.93 6.38 -35.14	95.26 5.39 -29.72	82.74 6.08 0.00	80.89 5.62 0.00	81.08 5.28 0.00	81.25 5.39 0.00	61.72 3.92 0.00
NARROWS_GT1_3 24230	28.39 1.50 0.00	34.80 1.66 0.00	37.91 1.75 0.00	34.15 1.57 0.00	40.05 1.60 0.00	42.00 1.95 0.00	46.66 2.78 0.00	54.41 3.57 0.00	42.21 2.81 0.00	35.20 2.53 0.00	79.43 3.77 -27.72	54.75 4.14 0.00	57.25 4.07 -5.00	58.35 4.27 -4.52	94.44 3.10 -46.77	96.19 6.19 -3.90	122.89 6.96 -30.39	113.93 6.38 -35.14	95.26 5.39 -29.72	82.74 6.08 0.00	80.89 5.62 0.00	81.08 5.28 0.00	81.25 5.39 0.00	61.72 3.92 0.00
NARROWS_GT1_4 24231	28.39 1.50 0.00	34.80 1.66 0.00	37.91 1.75 0.00	34.15 1.57 0.00	40.05 1.60 0.00	42.00 1.95 0.00	46.66 2.78 0.00	54.41 3.57 0.00	42.21 2.81 0.00	35.20 2.53 0.00	79.43 3.77 -27.72	54.75 4.14 0.00	57.25 4.07 -5.00	58.35 4.27 -4.52	94.44 3.10 -46.77	96.19 6.19 -3.90	122.89 6.96 -30.39	113.93 6.38 -35.14	95.26 5.39 -29.72	82.74 6.08 0.00	80.89 5.62 0.00	81.08 5.28 0.00	81.25 5.39 0.00	61.72 3.92 0.00

NARROWS_GT1_5 24232	28.39 1.50 0.00	34.80 1.66 0.00	37.91 1.75 0.00	34.15 1.57 0.00	40.05 1.60 0.00	42.00 1.95 0.00	46.66 2.78 0.00	54.41 3.57 0.00	42.21 2.81 0.00	35.20 2.53 0.00	79.43 3.77 -27.72	54.75 4.14 0.00	57.25 4.07 -5.00	58.35 4.27 -4.52	94.44 3.10 -46.77	96.19 6.19 -3.90	122.89 6.96 -30.39	113.93 6.38 -35.14	95.26 5.39 -29.72	82.74 6.08 0.00	80.89 5.62 0.00	81.08 5.28 0.00	81.25 5.39 0.00	61.72 3.92 0.00
NARROWS_GT1_6 24233	28.39 1.50 0.00	34.80 1.66 0.00	37.91 1.75 0.00	34.15 1.57 0.00	40.05 1.60 0.00	42.00 1.95 0.00	46.66 2.78 0.00	54.41 3.57 0.00	42.21 2.81 0.00	35.20 2.53 0.00	79.43 3.77 -27.72	54.75 4.14 0.00	57.25 4.07 -5.00	58.35 4.27 -4.52	94.44 3.10 -46.77	96.19 6.19 -3.90	122.89 6.96 -30.39	113.93 6.38 -35.14	95.26 5.39 -29.72	82.74 6.08 0.00	80.89 5.62 0.00	81.08 5.28 0.00	81.25 5.39 0.00	61.72 3.92 0.00
NARROWS_GT1_7 24234	28.39 1.50 0.00	34.80 1.66 0.00	37.91 1.75 0.00	34.15 1.57 0.00	40.05 1.60 0.00	42.00 1.95 0.00	46.66 2.78 0.00	54.41 3.57 0.00	42.21 2.81 0.00	35.20 2.53 0.00	79.43 3.77 -27.72	54.75 4.14 0.00	57.25 4.07 -5.00	58.35 4.27 -4.52	94.44 3.10 -46.77	96.19 6.19 -3.90	122.89 6.96 -30.39	113.93 6.38 -35.14	95.26 5.39 -29.72	82.74 6.08 0.00	80.89 5.62 0.00	81.08 5.28 0.00	81.25 5.39 0.00	61.72 3.92 0.00
NARROWS_GT1_8 24235	28.39 1.50 0.00	34.80 1.66 0.00	37.91 1.75 0.00	34.15 1.57 0.00	40.05 1.60 0.00	42.00 1.95 0.00	46.66 2.78 0.00	54.41 3.57 0.00	42.21 2.81 0.00	35.20 2.53 0.00	79.43 3.77 -27.72	54.75 4.14 0.00	57.25 4.07 -5.00	58.35 4.27 -4.52	94.44 3.10 -46.77	96.19 6.19 -3.90	122.89 6.96 -30.39	113.93 6.38 -35.14	95.26 5.39 -29.72	82.74 6.08 0.00	80.89 5.62 0.00	81.08 5.28 0.00	81.25 5.39 0.00	61.72 3.92 0.00
NARROWS_GT2_1 24236	28.39 1.50 0.00	34.80 1.66 0.00	37.91 1.75 0.00	34.15 1.57 0.00	40.05 1.60 0.00	42.00 1.95 0.00	46.66 2.78 0.00	54.41 3.57 0.00	42.21 2.81 0.00	35.20 2.53 0.00	79.43 3.77 -27.72	54.75 4.14 0.00	57.25 4.07 -5.00	58.35 4.27 -4.52	94.44 3.10 -46.77	96.19 6.19 -3.90	122.89 6.96 -30.39	113.93 6.38 -35.14	95.26 5.39 -29.72	82.74 6.08 0.00	80.89 5.62 0.00	81.08 5.28 0.00	81.25 5.39 0.00	61.72 3.92 0.00
NARROWS_GT2_2 24237	28.39 1.50 0.00	34.80 1.66 0.00	37.91 1.75 0.00	34.15 1.57 0.00	40.05 1.60 0.00	42.00 1.95 0.00	46.66 2.78 0.00	54.41 3.57 0.00	42.21 2.81 0.00	35.20 2.53 0.00	79.43 3.77 -27.72	54.75 4.14 0.00	57.25 4.07 -5.00	58.35 4.27 -4.52	94.44 3.10 -46.77	96.19 6.19 -3.90	122.89 6.96 -30.39	113.93 6.38 -35.14	95.26 5.39 -29.72	82.74 6.08 0.00	80.89 5.62 0.00	81.08 5.28 0.00	81.25 5.39 0.00	61.72 3.92 0.00
NARROWS_GT2_3 24238	28.39 1.50 0.00	34.80 1.66 0.00	37.91 1.75 0.00	34.15 1.57 0.00	40.05 1.60 0.00	42.00 1.95 0.00	46.66 2.78 0.00	54.41 3.57 0.00	42.21 2.81 0.00	35.20 2.53 0.00	79.43 3.77 -27.72	54.75 4.14 0.00	57.25 4.07 -5.00	58.35 4.27 -4.52	94.44 3.10 -46.77	96.19 6.19 -3.90	122.89 6.96 -30.39	113.93 6.38 -35.14	95.26 5.39 -29.72	82.74 6.08 0.00	80.89 5.62 0.00	81.08 5.28 0.00	81.25 5.39 0.00	61.72 3.92 0.00
NARROWS_GT2_4 24239	28.39 1.50 0.00	34.80 1.66 0.00	37.91 1.75 0.00	34.15 1.57 0.00	40.05 1.60 0.00	42.00 1.95 0.00	46.66 2.78 0.00	54.41 3.57 0.00	42.21 2.81 0.00	35.20 2.53 0.00	79.43 3.77 -27.72	54.75 4.14 0.00	57.25 4.07 -5.00	58.35 4.27 -4.52	94.44 3.10 -46.77	96.19 6.19 -3.90	122.89 6.96 -30.39	113.93 6.38 -35.14	95.26 5.39 -29.72	82.74 6.08 0.00	80.89 5.62 0.00	81.08 5.28 0.00	81.25 5.39 0.00	61.72 3.92 0.00
NARROWS_GT2_5 24240	28.39 1.50 0.00	34.80 1.66 0.00	37.91 1.75 0.00	34.15 1.57 0.00	40.05 1.60 0.00	42.00 1.95 0.00	46.66 2.78 0.00	54.41 3.57 0.00	42.21 2.81 0.00	35.20 2.53 0.00	79.43 3.77 -27.72	54.75 4.14 0.00	57.25 4.07 -5.00	58.35 4.27 -4.52	94.44 3.10 -46.77	96.19 6.19 -3.90	122.89 6.96 -30.39	113.93 6.38 -35.14	95.26 5.39 -29.72	82.74 6.08 0.00	80.89 5.62 0.00	81.08 5.28 0.00	81.25 5.39 0.00	61.72 3.92 0.00
NARROWS_GT2_6 24241	28.39 1.50 0.00	34.80 1.66 0.00	37.91 1.75 0.00	34.15 1.57 0.00	40.05 1.60 0.00	42.00 1.95 0.00	46.66 2.78 0.00	54.41 3.57 0.00	42.21 2.81 0.00	35.20 2.53 0.00	79.43 3.77 -27.72	54.75 4.14 0.00	57.25 4.07 -5.00	58.35 4.27 -4.52	94.44 3.10 -46.77	96.19 6.19 -3.90	122.89 6.96 -30.39	113.93 6.38 -35.14	95.26 5.39 -29.72	82.74 6.08 0.00	80.89 5.62 0.00	81.08 5.28 0.00	81.25 5.39 0.00	61.72 3.92 0.00
NARROWS_GT2_7 24242	28.39 1.50 0.00	34.80 1.66 0.00	37.91 1.75 0.00	34.15 1.57 0.00	40.05 1.60 0.00	42.00 1.95 0.00	46.66 2.78 0.00	54.41 3.57 0.00	42.21 2.81 0.00	35.20 2.53 0.00	79.43 3.77 -27.72	54.75 4.14 0.00	57.25 4.07 -5.00	58.35 4.27 -4.52	94.44 3.10 -46.77	96.19 6.19 -3.90	122.89 6.96 -30.39	113.93 6.38 -35.14	95.26 5.39 -29.72	82.74 6.08 0.00	80.89 5.62 0.00	81.08 5.28 0.00	81.25 5.39 0.00	61.72 3.92 0.00
NARROWS_GT2_8 24243	28.39 1.50 0.00	34.80 1.66 0.00	37.91 1.75 0.00	34.15 1.57 0.00	40.05 1.60 0.00	42.00 1.95 0.00	46.66 2.78 0.00	54.41 3.57 0.00	42.21 2.81 0.00	35.20 2.53 0.00	79.43 3.77 -27.72	54.75 4.14 0.00	57.25 4.07 -5.00	58.35 4.27 -4.52	94.44 3.10 -46.77	96.19 6.19 -3.90	122.89 6.96 -30.39	113.93 6.38 -35.14	95.26 5.39 -29.72	82.74 6.08 0.00	80.89 5.62 0.00	81.08 5.28 0.00	81.25 5.39 0.00	61.72 3.92 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	28.02 1.13 0.00	34.60 1.45 0.00	37.68 1.53 0.00	33.95 1.36 0.00	40.10 1.64 0.00	41.94 1.90 0.00	46.23 2.34 0.00	53.85 3.01 0.00	41.51 2.11 0.00	34.07 1.41 0.00	54.02 2.41 -3.68	53.39 2.78 0.00	51.30 2.46 -0.66	52.68 2.51 -0.61	52.49 2.65 -5.26	91.87 5.30 -0.47	95.35 6.27 -3.54	82.27 5.77 -4.09	68.29 4.82 -3.31	82.03 5.38 0.00	80.51 5.23 0.00	80.79 5.00 0.00	80.64 4.79 0.00	61.47 3.66 0.00
NCHELSEA_115KV_TR2 355582	28.36 1.47 0.00	34.79 1.64 0.00	37.89 1.74 0.00	34.14 1.55 0.00	40.14 1.68 0.00	42.08 2.04 0.00	46.65 2.76 0.00	54.44 3.60 0.00	42.13 2.73 0.00	35.04 2.38 0.00	51.53 3.60 0.00	54.52 3.91 0.00	51.95 3.78 0.02	53.38 3.98 0.17	48.23 3.23 -0.42	92.61 6.47 -0.03	93.92 7.28 -1.10	80.25 6.74 -1.11	65.90 5.75 0.00	83.16 6.51 0.00	81.41 6.13 0.00	81.59 5.79 0.00	81.63 5.78 0.00	61.95 4.14 0.00
NEG CAPITAL___MECHNVIL 23645	28.46 1.57 0.00	35.08 1.94 0.00	38.17 2.02 0.00	34.37 1.79 0.00	40.64 2.18 0.00	42.62 2.58 0.00	47.00 3.11 0.00	54.80 3.96 0.00	42.24 2.84 0.00	34.78 2.10 0.00	57.18 3.18 -6.08	54.05 3.44 0.00	52.78 3.50 -1.10	54.24 3.62 -1.05	58.28 3.23 -10.47	93.57 6.54 -0.93	99.74 7.14 -7.05	87.00 6.42 -8.18	72.48 5.41 -6.92	82.96 6.31 0.00	81.45 6.17 0.00	81.74 5.94 0.00	81.64 5.78 0.00	62.04 4.24 0.00

NEG CENTRAL_HIGH_ACRES 23767	25.86 -1.03 0.00	31.85 -1.30 0.00	34.75 -1.40 0.00	31.40 -1.18 0.00	37.24 -1.22 0.00	38.75 -1.30 0.00	42.14 -1.74 0.00	48.30 -2.54 0.00	37.69 -1.71 0.00	31.44 -1.23 0.00	45.45 -2.48 0.00	47.95 -2.66 0.00	45.80 -2.44 -0.06	48.00 -2.34 -0.78	42.33 -1.95 0.30	82.80 -3.51 -0.21	80.93 -3.45 1.17	68.39 -2.84 1.17	57.80 -2.35 0.00	73.15 -3.50 0.00	71.63 -3.65 0.00	71.94 -3.86 0.00	72.41 -3.45 0.00	55.22 -2.59 0.00
NEG CENTRAL___DRP 24199	26.63 -0.26 0.00	32.76 -0.39 0.00	35.73 -0.42 0.00	32.26 -0.32 0.00	38.20 -0.26 0.00	39.74 -0.31 0.00	43.53 -0.35 0.00	50.44 -0.75 -0.35	38.98 -0.42 -0.01	32.40 -0.26 0.00	47.58 -1.09 -0.74	49.45 -1.20 -0.04	47.23 -0.94 0.01	48.53 -0.80 0.23	43.30 -0.65 0.63	84.98 -0.84 0.28	83.67 -0.57 1.31	70.75 -0.12 1.53	59.01 0.00 1.14	76.34 -0.31 0.00	74.89 -0.39 0.00	75.08 -0.72 0.00	75.34 -0.52 0.00	57.39 -0.42 0.00
NEG CENTRAL___INDECK 23768	26.68 -0.22 0.00	32.85 -0.29 0.00	35.82 -0.33 0.00	32.35 -0.23 0.00	38.42 -0.03 0.00	40.01 -0.03 0.00	43.62 -0.26 0.00	53.50 -0.91 -3.58	38.96 -0.53 -0.09	31.98 -0.69 -0.01	52.70 -2.71 -7.48	47.49 -3.56 -0.44	44.90 -3.12 0.16	44.00 -2.94 2.62	40.53 -2.58 1.47	80.37 -4.28 1.45	80.71 -3.03 1.80	68.53 -1.83 2.05	57.51 -1.09 1.54	74.60 -2.05 0.00	72.99 -2.30 0.00	73.15 -2.65 0.00	73.72 -2.13 0.00	56.41 -1.40 0.00
NEG CENTRAL___SENECA 23627	26.58 -0.32 0.00	32.68 -0.47 0.00	35.67 -0.48 0.00	32.18 -0.40 0.00	38.15 -0.31 0.00	39.69 -0.36 0.00	43.46 -0.42 0.00	50.46 -0.95 -0.58	38.89 -0.52 -0.01	32.31 -0.36 0.00	47.75 -1.39 -1.21	49.17 -1.51 -0.07	46.96 -1.20 0.03	48.12 -0.98 0.46	43.08 -0.74 0.76	84.76 -0.94 0.40	83.32 -0.74 1.48	70.48 -0.22 1.71	58.85 -0.02 1.28	76.20 -0.45 0.00	74.78 -0.50 0.00	74.90 -0.89 0.00	75.27 -0.58 0.00	57.36 -0.45 0.00
NEG CENTRAL___STATE_STREET 24147	26.89 -0.01 0.00	33.04 -0.11 0.00	36.04 -0.11 0.00	32.63 0.04 0.00	38.57 0.11 0.00	40.11 0.07 0.00	43.96 0.07 0.00	50.77 -0.07 0.00	39.42 0.02 0.00	32.79 0.12 0.00	47.43 -0.50 0.00	50.07 -0.53 0.00	47.80 -0.38 0.00	49.24 -0.28 0.05	43.81 -0.23 0.54	85.74 -0.20 0.16	84.64 0.34 1.24	71.53 0.64 1.53	59.52 0.47 1.10	77.18 0.52 0.00	75.68 0.40 0.00	75.95 0.16 0.00	76.12 0.26 0.00	57.93 0.12 0.00
NEG MILLWOOD___DRP 24198	28.42 1.53 0.00	34.87 1.72 0.00	37.96 1.81 0.00	34.21 1.62 0.00	40.22 1.76 0.00	42.18 2.14 0.00	46.81 2.93 0.00	54.65 3.82 0.00	42.29 2.90 0.00	35.20 2.54 0.00	64.47 3.87 -12.67	54.83 4.23 0.00	54.54 4.08 -2.28	55.82 4.27 -1.99	69.73 3.42 -21.73	94.74 6.82 -1.82	107.79 7.65 -14.60	96.32 7.04 -16.87	80.32 6.03 -14.13	83.49 6.84 0.00	81.73 6.44 0.00	81.91 6.11 0.00	81.93 6.07 0.00	62.18 4.37 0.00
NEG NORTH_FLCN_SEA 23793	0.28 -0.93 25.68	-14.38 -1.09 46.44	10.00 -1.07 25.08	13.14 -0.86 18.59	37.81 -0.65 0.00	39.39 -0.66 0.00	42.91 -0.97 0.00	49.44 -1.39 0.00	38.46 -0.94 0.00	31.49 -1.18 0.00	-15.61 -1.42 62.12	-21.40 -1.65 70.36	-21.40 -1.58 68.00	-21.51 -1.89 69.18	-21.49 -1.47 64.60	-21.53 -2.60 105.04	-21.48 -3.11 103.92	-21.55 -2.98 90.98	-21.59 -2.71 79.04	43.46 -2.69 30.50	15.31 -2.31 57.66	67.16 -1.86 6.78	75.97 0.12 0.00	58.37 0.56 0.00
NEG NORTH_KES_CHATEGAY 23792	28.18 -1.06 -2.34	36.09 -1.29 -4.24	37.14 -1.30 -2.29	33.22 -1.07 -1.70	37.59 -0.87 0.00	39.14 -0.90 0.00	42.62 -1.27 0.00	49.09 -1.75 0.00	38.24 -1.16 0.00	31.36 -1.31 0.00	-19.94 -1.58 66.28	-26.35 -1.89 75.08	-26.20 -1.83 72.56	-26.38 -2.12 73.82	-25.98 -1.62 68.93	-28.96 -2.98 112.08	-28.85 -3.51 110.88	-27.92 -3.25 97.08	-27.04 -2.86 84.33	41.00 -3.10 32.55	10.96 -2.80 61.53	66.31 -2.26 7.23	75.55 -0.30 0.00	57.99 0.17 0.00
NEG NORTH___ALICE_FALLS 23915	42.88 -0.81 -16.80	62.55 -0.98 -30.39	51.61 -0.96 -16.41	44.01 -0.74 -12.16	37.99 -0.47 0.00	39.60 -0.44 0.00	43.18 -0.70 0.00	49.78 -1.05 0.00	38.73 -0.67 0.00	31.72 -0.94 0.00	-15.95 -1.09 62.78	-21.79 -1.29 71.11	-21.76 -1.22 68.72	-21.83 -1.47 69.92	-21.82 -1.10 65.29	-21.86 -1.80 106.16	-21.72 -2.25 105.02	-21.64 -2.10 91.95	-21.65 -1.93 79.88	43.99 -1.84 30.83	15.45 -1.56 58.27	67.82 -1.13 6.85	76.67 0.81 0.00	58.85 1.04 0.00
NEG NORTH___LWR_SARANAC 23913	42.88 -0.81 -16.80	62.55 -0.98 -30.39	51.61 -0.96 -16.41	44.01 -0.74 -12.16	37.99 -0.47 0.00	39.60 -0.44 0.00	43.18 -0.70 0.00	49.78 -1.05 0.00	38.73 -0.67 0.00	31.72 -0.94 0.00	-15.95 -1.09 62.78	-21.79 -1.29 71.11	-21.76 -1.22 68.72	-21.83 -1.47 69.92	-21.82 -1.10 65.29	-21.86 -1.80 106.16	-21.72 -2.25 105.02	-21.64 -2.10 91.95	-21.65 -1.93 79.88	43.99 -1.84 30.83	15.45 -1.56 58.27	67.82 -1.13 6.85	76.67 0.81 0.00	58.85 1.04 0.00
NEG NORTH___PLATTSBURG 23628	42.88 -0.82 -16.80	62.55 -0.98 -30.39	51.61 -0.95 -16.41	44.01 -0.74 -12.16	37.99 -0.47 0.00	39.60 -0.44 0.00	43.18 -0.70 0.00	49.78 -1.05 0.00	38.73 -0.67 0.00	31.72 -0.94 0.00	-15.95 -1.10 62.78	-21.80 -1.30 71.11	-21.76 -1.22 68.72	-21.83 -1.47 69.92	-21.80 -1.08 65.29	-21.86 -1.81 106.16	-21.72 -2.25 105.02	-21.65 -2.11 91.95	-21.65 -1.92 79.88	43.99 -1.84 30.83	15.45 -1.56 58.27	67.82 -1.13 6.85	76.67 0.81 0.00	58.85 1.04 0.00
NEG WEST_LEA_LOCKPORT 23791	25.72 -1.18 0.00	31.73 -1.41 0.00	34.68 -1.48 0.00	31.37 -1.22 0.00	37.31 -1.15 0.00	38.67 -1.37 0.00	41.45 -2.43 0.00	45.89 -4.10 0.84	36.62 -2.75 0.02	30.74 -1.93 0.00	41.95 -4.08 1.90	46.13 -4.37 0.11	43.59 -4.07 0.51	37.31 -3.85 8.41	38.44 -3.34 2.80	75.98 -6.26 3.86	77.97 -6.07 1.50	65.54 -5.15 1.72	54.63 -4.22 1.29	70.40 -6.25 0.00	68.86 -6.42 0.00	69.15 -6.65 0.00	70.29 -5.57 0.00	53.81 -4.00 0.00
NEG WEST___LANCASTR 23811	27.01 0.11 0.00	33.34 0.19 0.00	36.42 0.27 0.00	32.93 0.35 0.00	39.09 0.63 0.00	40.53 0.48 0.00	43.73 -0.15 0.00	48.70 -1.25 0.88	38.44 -0.93 0.02	32.24 -0.42 0.00	44.25 -1.78 1.90	48.89 -1.60 0.11	46.32 -1.31 0.55	40.03 -0.89 8.64	40.57 -0.97 3.03	80.09 -1.81 4.21	81.60 -2.18 1.77	68.61 -1.78 2.02	57.25 -1.38 1.52	74.23 -2.42 0.00	72.69 -2.59 0.00	73.13 -2.67 0.00	74.22 -1.64 0.00	56.78 -1.03 0.00
NEG_PENN_ALLEGHNY 23528	26.82 -0.08 0.00	32.99 -0.15 0.00	36.01 -0.14 0.00	32.48 -0.11 0.00	38.36 -0.10 0.00	39.87 -0.18 0.00	43.88 0.00 0.00	50.82 -0.16 -0.14	39.30 -0.10 0.00	32.61 -0.06 0.00	44.19 -0.56 3.17	50.10 -0.51 0.00	47.15 -0.35 0.68	47.24 -0.18 2.14	38.64 -0.04 5.90	85.02 0.16 1.23	82.02 0.15 3.68	68.75 0.41 4.07	57.79 0.64 2.99	77.11 0.46 0.00	75.79 0.51 0.00	76.09 0.30 0.00	76.23 0.38 0.00	58.05 0.24 0.00
NEG___GEN_MONROE 24207	26.36 -0.53 0.00	32.50 -0.65 0.00	35.59 -0.57 0.00	32.18 -0.41 0.00	38.16 -0.29 0.00	39.69 -0.35 0.00	43.03 -0.86 0.00	49.01 -1.83 0.00	38.26 -1.13 0.00	31.99 -0.67 0.00	46.05 -1.88 0.00	48.59 -2.01 0.00	46.33 -1.88 -0.03	48.18 -1.58 -0.20	42.75 -1.34 0.49	83.55 -2.39 0.16	82.05 -2.26 1.23	69.39 -1.81 1.22	58.65 -1.50 0.00	74.13 -2.52 0.00	72.50 -2.78 0.00	72.78 -3.02 0.00	73.43 -2.43 0.00	56.06 -1.75 0.00

NEPA___ENERGY 23901	25.82 -1.07 0.00	31.88 -1.27 0.00	34.80 -1.35 0.00	31.45 -1.13 0.00	37.42 -1.03 0.00	38.82 -1.22 0.00	41.77 -2.11 0.00	46.04 -3.64 1.16	36.88 -2.50 0.03	30.94 -1.73 0.00	41.73 -3.72 2.49	46.58 -3.81 0.22	44.15 -3.45 0.58	37.09 -3.14 9.34	38.62 -2.78 3.17	76.41 -5.17 4.52	78.71 -5.14 1.69	66.38 -4.10 1.92	55.41 -3.29 1.45	71.77 -4.88 0.00	70.33 -4.95 0.00	70.73 -5.07 0.00	71.95 -3.90 0.00	55.16 -2.65 0.00
NEVERSINK___HYD 23608	28.56 1.67 0.00	35.05 1.90 0.00	38.18 2.03 0.00	34.43 1.84 0.00	40.51 2.05 0.00	42.47 2.42 0.00	47.08 3.19 0.00	54.93 4.09 0.00	42.51 3.11 0.00	35.28 2.61 0.00	39.73 3.83 12.03	54.55 3.95 0.00	49.69 3.71 2.20	50.96 3.85 2.46	24.43 3.36 23.51	90.76 6.89 2.23	77.78 8.05 15.81	61.31 7.36 18.46	49.49 6.24 16.91	83.91 7.26 0.00	82.12 6.84 0.00	82.28 6.48 0.00	82.26 6.40 0.00	62.40 4.58 0.00
NEWKRMKL_115KV_TB1 55635	27.28 0.39 0.00	33.65 0.50 0.00	36.65 0.49 0.00	33.00 0.41 0.00	38.91 0.46 0.00	40.65 0.60 0.00	44.71 0.83 0.00	52.03 1.20 0.00	40.17 0.77 0.00	33.32 0.65 0.00	55.33 1.46 -5.94	52.38 1.77 0.00	51.01 1.75 -1.08	52.38 1.79 -1.03	56.33 1.55 -10.20	89.54 2.53 -0.91	95.40 2.97 -6.89	83.18 2.80 -7.97	69.29 2.41 -6.73	79.28 2.63 0.00	77.83 2.55 0.00	78.19 2.39 0.00	78.18 2.33 0.00	59.67 1.85 0.00
NEWTON___FALLS_HYD 23847	25.64 -1.89 -0.64	32.07 -2.23 -1.15	34.75 -2.03 -0.62	30.87 -2.18 -0.46	35.93 -2.53 0.00	36.63 -3.42 0.00	40.02 -3.87 0.00	46.50 -4.34 0.00	36.54 -2.85 0.00	30.50 -2.16 0.00	74.32 -1.74 -28.13	80.21 -2.26 -31.87	76.74 -2.24 -30.79	78.47 -2.42 -31.32	71.91 -1.91 -29.24	130.35 -3.30 -47.55	127.78 -4.80 -47.04	110.05 -3.54 -41.18	92.35 -3.58 -35.77	86.82 -3.65 -13.81	99.12 -2.29 -26.13	77.12 -1.75 -3.07	76.83 0.97 0.00	58.93 1.12 0.00
NGRID_A1_DSASP 323792	25.23 -1.66 0.00	31.17 -1.97 0.00	34.07 -2.08 0.00	30.83 -1.75 0.00	36.67 -1.79 0.00	37.97 -2.08 0.00	40.55 -3.34 0.00	44.68 -5.28 0.87	35.71 -3.67 0.02	30.00 -2.66 0.00	40.84 -5.20 1.88	45.00 -5.49 0.11	42.45 -5.08 0.65	33.78 -5.21 10.57	36.75 -4.40 3.42	72.84 -8.20 5.06	75.68 -8.32 1.54	63.35 -7.31 1.75	52.80 -6.04 1.32	68.30 -8.35 0.00	66.80 -8.49 0.00	67.23 -8.56 0.00	68.69 -7.17 0.00	52.98 -4.83 0.00
NGRID_A2_DSASP 323793	25.23 -1.66 0.00	31.17 -1.97 0.00	34.07 -2.08 0.00	30.83 -1.75 0.00	36.67 -1.79 0.00	37.97 -2.08 0.00	40.55 -3.34 0.00	44.68 -5.28 0.87	35.71 -3.67 0.02	30.00 -2.66 0.00	40.84 -5.20 1.88	45.00 -5.49 0.11	42.45 -5.08 0.65	33.78 -5.21 10.57	36.75 -4.40 3.42	72.84 -8.20 5.06	75.68 -8.32 1.54	63.35 -7.31 1.75	52.80 -6.04 1.32	68.30 -8.35 0.00	66.80 -8.49 0.00	67.23 -8.56 0.00	68.69 -7.17 0.00	52.98 -4.83 0.00
NGRID_A4_DSASP 323807	25.23 -1.66 0.00	31.17 -1.97 0.00	34.07 -2.08 0.00	30.83 -1.75 0.00	36.67 -1.79 0.00	37.97 -2.08 0.00	40.55 -3.34 0.00	44.68 -5.28 0.87	35.71 -3.67 0.02	30.00 -2.66 0.00	40.84 -5.20 1.88	45.00 -5.49 0.11	42.45 -5.08 0.65	33.78 -5.21 10.57	36.75 -4.40 3.42	72.84 -8.20 5.06	75.68 -8.32 1.54	63.35 -7.31 1.75	52.80 -6.04 1.32	68.30 -8.35 0.00	66.80 -8.49 0.00	67.23 -8.56 0.00	68.69 -7.17 0.00	52.98 -4.83 0.00
NIAGARA_115E_LBMP 323715	25.14 -1.75 0.00	31.05 -2.10 0.00	33.94 -2.21 0.00	30.70 -1.89 0.00	36.51 -1.95 0.00	37.83 -2.22 0.00	40.38 -3.51 0.00	44.58 -5.39 0.87	35.60 -3.78 0.02	29.91 -2.76 0.00	40.82 -5.19 1.92	44.80 -5.70 0.11	42.28 -5.30 0.60	34.33 -5.45 9.79	36.77 -4.60 3.21	72.92 -8.54 4.64	75.72 -8.28 1.55	63.59 -7.05 1.77	53.06 -5.76 1.33	68.12 -8.53 0.00	66.63 -8.65 0.00	67.02 -8.77 0.00	68.50 -7.35 0.00	52.74 -5.07 0.00
NIAGARA_115W_LBMP 323714	25.18 -1.71 0.00	31.11 -2.04 0.00	34.00 -2.15 0.00	30.77 -1.82 0.00	36.59 -1.87 0.00	37.89 -2.16 0.00	40.46 -3.42 0.00	44.59 -5.38 0.87	35.64 -3.74 0.02	29.95 -2.72 0.00	40.76 -5.30 1.87	44.90 -5.59 0.11	42.35 -5.18 0.66	33.60 -5.30 10.66	36.64 -4.49 3.45	72.63 -8.37 5.10	75.52 -8.49 1.54	63.20 -7.45 1.75	52.68 -6.15 1.32	68.14 -8.51 0.00	66.65 -8.64 0.00	67.08 -8.72 0.00	68.55 -7.30 0.00	52.90 -4.92 0.00
NIAGARA_230_LBMP 323716	25.38 -1.52 0.00	31.34 -1.81 0.00	34.26 -1.90 0.00	31.00 -1.59 0.00	36.86 -1.60 0.00	38.18 -1.86 0.00	40.86 -3.02 0.00	45.14 -4.87 0.83	35.98 -3.39 0.02	30.24 -2.43 0.00	41.37 -4.78 1.78	45.46 -5.04 0.10	42.82 -4.66 0.70	33.41 -4.70 11.46	36.95 -3.98 3.65	73.20 -7.40 5.50	76.48 -7.54 1.52	64.09 -6.59 1.73	53.41 -5.44 1.30	69.01 -7.64 0.00	67.51 -7.77 0.00	67.95 -7.85 0.00	69.31 -6.54 0.00	53.26 -4.54 0.00
NIAGARA___115KV_198_GIBSON 55903	25.18 -1.71 0.00	31.10 -2.04 0.00	34.00 -2.15 0.00	30.77 -1.82 0.00	36.59 -1.87 0.00	37.89 -2.16 0.00	40.46 -3.42 0.00	44.58 -5.38 0.87	35.64 -3.74 0.02	29.95 -2.72 0.00	40.73 -5.33 1.87	44.91 -5.59 0.11	42.33 -5.20 0.66	33.90 -5.00 10.66	36.74 -4.39 3.45	72.61 -8.39 5.10	75.47 -8.54 1.54	63.19 -7.47 1.75	52.66 -6.17 1.32	68.16 -8.49 0.00	66.67 -8.61 0.00	67.07 -8.73 0.00	68.55 -7.31 0.00	52.90 -4.91 0.00
NIAGARA___ 23760	25.38 -1.52 0.00	31.34 -1.81 0.00	34.26 -1.90 0.00	31.00 -1.59 0.00	36.86 -1.60 0.00	38.18 -1.86 0.00	40.86 -3.02 0.00	45.13 -4.87 0.84	35.98 -3.39 0.02	30.24 -2.43 0.00	41.34 -4.78 1.81	45.46 -5.04 0.11	42.86 -4.66 0.66	34.11 -4.70 10.75	37.13 -3.98 3.47	73.51 -7.40 5.19	76.48 -7.54 1.53	64.08 -6.59 1.74	53.41 -5.44 1.31	69.01 -7.64 0.00	67.51 -7.77 0.00	67.95 -7.85 0.00	69.31 -6.54 0.00	53.26 -4.54 0.00
NINE_MILE_1 23575	26.05 -0.84 0.00	32.06 -1.09 0.00	34.95 -1.20 0.00	31.52 -1.06 0.00	37.21 -1.25 0.00	38.67 -1.37 0.00	42.23 -1.65 0.00	48.82 -2.01 0.00	37.90 -1.50 0.00	31.52 -1.15 0.00	45.95 -1.98 0.00	48.52 -2.09 0.00	46.27 -1.93 -0.01	47.64 -1.92 0.00	42.89 -1.69 0.00	82.91 -3.20 0.00	82.46 -3.08 0.00	69.92 -2.49 0.00	58.12 -2.03 0.00	73.92 -2.73 0.00	72.57 -2.71 0.00	72.95 -2.85 0.00	73.12 -2.74 0.00	55.68 -2.13 0.00
NINE_MILE_2 23744	26.05 -0.84 0.00	32.06 -1.09 0.00	34.95 -1.20 0.00	31.52 -1.06 0.00	37.21 -1.25 0.00	38.68 -1.37 0.00	42.23 -1.65 0.00	48.82 -2.01 0.00	37.90 -1.50 0.00	31.52 -1.15 0.00	45.95 -1.98 0.00	48.52 -2.09 0.00	46.26 -1.93 -0.01	47.64 -1.92 0.00	42.89 -1.69 0.00	82.91 -3.20 0.00	82.46 -3.08 0.00	69.92 -2.49 0.00	58.12 -2.03 0.00	73.92 -2.73 0.00	72.57 -2.71 0.00	72.95 -2.85 0.00	73.12 -2.74 0.00	55.68 -2.13 0.00
NM_CAPITAL___DRP 24208	27.36 0.47 0.00	33.75 0.61 0.00	36.76 0.61 0.00	33.09 0.51 0.00	39.03 0.56 0.00	40.77 0.72 0.00	44.84 0.96 0.00	52.18 1.35 0.00	40.29 0.89 0.00	33.40 0.73 0.00	55.50 1.50 -6.07	52.41 1.80 0.00	51.09 1.81 -1.10	52.44 1.83 -1.05	56.58 1.58 -10.42	89.66 2.63 -0.93	95.63 3.05 -7.04	83.44 2.89 -8.14	69.53 2.50 -6.88	79.38 2.73 0.00	77.96 2.67 0.00	78.32 2.52 0.00	78.32 2.47 0.00	59.77 1.96 0.00

NM_CENTRAL___DRP 24181	26.56 -0.33 0.00	32.69 -0.46 0.00	35.65 -0.50 0.00	32.14 -0.44 0.00	37.97 -0.49 0.00	39.48 -0.57 0.00	43.22 -0.67 0.00	49.98 -0.86 0.00	38.80 -0.60 0.00	32.27 -0.39 0.00	47.02 -0.90 0.00	49.67 -0.93 0.00	47.39 -0.80 0.00	48.87 -0.70 0.00	43.98 -0.60 0.00	85.00 -1.11 0.00	84.58 -0.97 0.00	71.75 -0.66 0.00	59.67 -0.48 0.00	75.80 -0.85 0.00	74.39 -0.89 0.00	74.73 -1.07 0.00	74.82 -1.04 0.00	56.97 -0.85 0.00
NM_FRONTIER___DRP 24179	25.18 -1.71 0.00	31.10 -2.04 0.00	34.00 -2.15 0.00	30.77 -1.82 0.00	36.59 -1.87 0.00	37.89 -2.16 0.00	40.46 -3.42 0.00	44.58 -5.38 0.87	35.64 -3.74 0.02	29.95 -2.72 0.00	40.73 -5.33 1.87	44.91 -5.59 0.11	42.33 -5.20 0.66	33.90 -5.00 10.66	36.74 -4.39 3.45	72.61 -8.39 5.10	75.47 -8.54 1.54	63.19 -7.47 1.75	52.66 -6.17 1.32	68.16 -8.49 0.00	66.67 -8.61 0.00	67.07 -8.73 0.00	68.55 -7.31 0.00	52.90 -4.91 0.00
NM_ST_REGIS___HYD 24053	26.36 -1.63 -1.10	33.19 -1.94 -1.98	35.37 -1.85 -1.07	31.56 -1.82 -0.79	36.53 -1.93 0.00	36.95 -3.10 0.00	40.19 -3.70 0.00	46.67 -4.16 0.00	36.82 -2.58 0.00	30.64 -2.03 0.00	94.97 -1.35 -48.39	103.23 -2.19 -54.81	99.05 -2.10 -52.97	101.14 -2.32 -53.89	93.18 -1.71 -50.31	165.11 -2.80 -81.81	161.55 -4.92 -80.93	138.99 -4.27 -70.85	117.57 -4.13 -61.55	95.97 -4.45 -23.77	117.29 -2.95 -44.96	78.66 -2.42 -5.28	77.15 1.30 0.00	59.41 1.61 0.00
NORTHPORT___1 23551	28.51 1.62 0.00	34.83 1.68 0.00	37.89 1.74 0.00	34.14 1.56 0.00	40.13 1.67 0.00	42.15 2.10 0.00	46.63 2.74 0.00	54.49 3.65 0.00	41.65 2.25 0.00	34.80 2.13 0.00	79.42 3.82 -27.68	54.71 4.10 0.00	57.23 4.06 -4.99	58.45 4.37 -4.51	94.53 3.26 -46.70	96.48 6.49 -3.89	123.34 7.46 -30.34	114.65 7.16 -35.09	96.24 6.41 -29.68	84.21 7.55 0.00	82.52 7.24 0.00	82.48 6.68 0.00	82.62 6.77 0.00	62.55 4.74 0.00
NORTHPORT___2 23552	28.51 1.62 0.00	34.83 1.68 0.00	37.89 1.74 0.00	34.14 1.56 0.00	40.13 1.67 0.00	42.15 2.10 0.00	46.63 2.74 0.00	54.49 3.65 0.00	41.65 2.25 0.00	34.80 2.13 0.00	79.42 3.82 -27.68	54.71 4.10 0.00	57.23 4.06 -4.99	58.45 4.37 -4.51	94.53 3.26 -46.70	96.48 6.49 -3.89	123.34 7.46 -30.34	114.65 7.16 -35.09	96.24 6.41 -29.68	84.21 7.55 0.00	82.52 7.24 0.00	82.48 6.68 0.00	82.62 6.77 0.00	62.55 4.74 0.00
NORTHPORT___3 23553	28.44 1.55 0.00	34.76 1.61 0.00	37.82 1.66 0.00	34.08 1.49 0.00	40.05 1.59 0.00	42.06 2.01 0.00	46.50 2.62 0.00	54.37 3.53 0.00	41.62 2.23 0.00	34.72 2.05 0.00	79.16 3.56 -27.68	54.49 3.89 0.00	57.03 3.85 -4.99	58.24 4.16 -4.51	94.35 3.07 -46.70	95.87 5.88 -3.89	122.66 6.77 -30.34	113.96 6.46 -35.09	95.61 5.78 -29.68	83.40 6.74 0.00	81.71 6.43 0.00	81.82 6.03 0.00	81.98 6.13 0.00	62.15 4.34 0.00
NORTHPORT___4 23650	28.44 1.55 0.00	34.76 1.61 0.00	37.82 1.66 0.00	34.08 1.49 0.00	40.05 1.59 0.00	42.06 2.01 0.00	46.50 2.62 0.00	54.37 3.53 0.00	41.62 2.23 0.00	34.72 2.05 0.00	79.16 3.56 -27.68	54.49 3.89 0.00	57.03 3.85 -4.99	58.24 4.16 -4.51	94.35 3.07 -46.70	95.87 5.88 -3.89	122.66 6.77 -30.34	113.96 6.46 -35.09	95.61 5.78 -29.68	83.40 6.74 0.00	81.71 6.43 0.00	81.82 6.03 0.00	81.98 6.13 0.00	62.15 4.34 0.00
NORTHPORT___IC 23718	28.51 1.62 0.00	34.83 1.68 0.00	37.89 1.74 0.00	34.14 1.56 0.00	40.13 1.67 0.00	42.15 2.11 0.00	46.62 2.74 0.00	54.49 3.65 0.00	41.65 2.25 0.00	34.80 2.13 0.00	79.43 3.83 -27.68	54.71 4.10 0.00	57.23 4.06 -4.99	58.41 4.34 -4.51	94.55 3.27 -46.70	96.48 6.49 -3.89	123.34 7.46 -30.34	114.65 7.16 -35.09	96.23 6.41 -29.68	84.21 7.55 0.00	82.51 7.23 0.00	82.48 6.68 0.00	82.62 6.77 0.00	62.54 4.74 0.00
NORTH___COUNTRY_ESR 323785	27.79 -1.07 -1.96	35.39 -1.30 -3.54	36.76 -1.30 -1.91	32.94 -1.07 -1.42	37.58 -0.87 0.00	39.13 -0.91 0.00	42.62 -1.27 0.00	49.07 -1.76 0.00	38.22 -1.18 0.00	31.35 -1.32 0.00	-20.15 -1.70 66.38	-26.63 -2.05 75.18	-26.46 -1.98 72.66	-26.59 -2.23 73.92	-26.18 -1.73 69.03	-29.42 -3.29 112.24	-29.41 -3.91 111.04	-28.42 -3.62 97.21	-27.46 -3.17 84.45	40.60 -3.46 32.59	10.53 -3.14 61.62	65.96 -2.60 7.24	75.24 -0.61 0.00	57.79 -0.02 0.00
NPX_GEN_1385_PROXY 323591	28.55 1.66 0.00	34.83 1.69 0.00	37.90 1.74 0.00	34.16 1.57 0.00	40.23 1.77 0.00	42.26 2.22 0.00	46.87 2.99 0.00	55.28 4.45 0.00	41.58 2.18 0.00	34.70 2.03 0.00	79.57 3.97 -27.68	54.60 3.99 0.00	57.34 4.16 -4.99	58.68 4.61 -4.51	95.05 3.78 -46.70	97.21 7.22 -3.89	124.25 8.37 -30.34	124.34 8.99 -42.94	97.64 7.81 -29.68	86.18 9.53 0.00	84.64 9.36 0.00	84.28 8.49 0.00	84.71 8.86 0.00	63.53 5.72 0.00
NPX_GEN_CSC 323557	28.67 1.78 0.00	34.94 1.80 0.00	37.99 1.84 0.00	34.24 1.66 0.00	40.30 1.84 0.00	42.46 2.42 0.00	47.07 3.19 0.00	55.10 4.27 0.00	42.03 2.63 0.00	34.95 2.28 0.00	79.44 3.84 -27.68	54.63 4.02 0.00	57.10 3.93 -4.99	58.20 4.13 -4.51	93.98 2.71 -46.70	96.07 6.07 -3.89	123.90 8.02 -30.34	122.96 7.61 -42.94	96.74 6.91 -29.68	84.88 8.23 0.00	83.05 7.77 0.00	82.94 7.14 0.00	82.87 7.02 0.00	62.67 4.87 0.00
NSINS_S___GLNS_FALLS 23858	28.71 1.81 0.00	35.35 2.21 0.00	38.45 2.30 0.00	34.67 2.08 0.00	41.04 2.58 0.00	43.14 3.09 0.00	47.60 3.72 0.00	55.75 4.92 0.00	42.97 3.57 0.00	35.24 2.57 0.00	57.59 3.83 -5.84	54.66 4.05 0.00	53.29 4.06 -1.06	54.71 4.14 -1.01	58.38 3.75 -10.05	94.71 7.72 -0.89	100.94 8.61 -6.78	87.95 7.68 -7.85	73.24 6.44 -6.65	84.21 7.56 0.00	82.50 7.22 0.00	82.75 6.95 0.00	82.63 6.77 0.00	62.73 4.92 0.00
NUCOR_STEEL___DRP 24197	26.87 -0.02 0.00	33.01 -0.13 0.00	36.01 -0.14 0.00	32.62 0.03 0.00	38.57 0.11 0.00	40.11 0.06 0.00	43.94 0.06 0.00	50.76 -0.08 0.00	39.39 -0.01 0.00	32.76 0.09 0.00	47.40 -0.53 0.00	50.04 -0.57 0.00	47.76 -0.42 0.00	49.21 -0.30 0.05	43.81 -0.26 0.51	85.66 -0.29 0.15	84.64 0.27 1.18	71.68 0.53 1.26	60.51 0.36 0.00	77.08 0.43 0.00	75.61 0.33 0.00	75.88 0.09 0.00	76.05 0.20 0.00	57.88 0.07 0.00
NUMBER_THREE_WT_PWR 323818	25.42 -1.47 0.00	31.46 -1.69 0.00	34.84 -1.31 0.00	30.86 -1.73 0.00	36.36 -2.10 0.00	37.73 -2.31 0.00	41.52 -2.37 0.00	48.13 -2.71 0.00	37.53 -1.86 0.00	31.28 -1.39 0.00	59.11 -1.06 -12.25	63.51 -0.97 -13.87	60.34 -1.24 -13.40	61.72 -1.48 -13.63	56.13 -1.17 -12.72	104.64 -2.15 -20.69	103.62 -2.39 -20.46	89.54 -0.79 -17.92	74.45 -1.27 -15.56	82.02 -0.64 -6.01	87.05 0.40 -11.37	78.06 0.92 -1.34	77.88 2.02 0.00	59.44 1.63 0.00
NYISO_LBMP_REFERENCE 24008	26.89 0.00 0.00	33.14 0.00 0.00	36.15 0.00 0.00	32.58 0.00 0.00	38.46 0.00 0.00	40.04 0.00 0.00	43.88 0.00 0.00	50.83 0.00 0.00	39.40 0.00 0.00	32.67 0.00 0.00	47.93 0.00 0.00	50.61 0.00 0.00	48.18 0.00 0.00	49.56 0.00 0.00	44.58 0.00 0.00	86.10 0.00 0.00	85.55 0.00 0.00	72.41 0.00 0.00	60.15 0.00 0.00	76.65 0.00 0.00	75.28 0.00 0.00	75.80 0.00 0.00	75.85 0.00 0.00	57.81 0.00 0.00

NYPA_BRENTWD____GT 24164	28.78 1.89 0.00	35.13 1.99 0.00	38.22 2.07 0.00	34.44 1.85 0.00	40.48 2.03 0.00	42.57 2.53 0.00	47.19 3.31 0.00	55.17 4.34 0.00	42.22 2.82 0.00	35.20 2.53 0.00	79.87 4.27 -27.68	55.14 4.54 0.00	57.63 4.46 -4.99	58.88 4.80 -4.51	94.91 3.63 -46.70	97.31 7.32 -3.89	123.84 7.95 -30.34	114.93 7.43 -35.09	96.86 7.03 -29.68	85.10 8.45 0.00	83.46 8.18 0.00	83.41 7.61 0.00	83.42 7.57 0.00	63.13 5.32 0.00
NYPA_GOWANUS____GT5 24156	28.38 1.49 0.00	34.78 1.63 0.00	37.87 1.72 0.00	34.14 1.55 0.00	40.04 1.58 0.00	41.98 1.93 0.00	46.64 2.76 0.00	54.38 3.55 0.00	42.19 2.79 0.00	35.17 2.50 0.00	79.38 3.73 -27.72	54.73 4.12 0.00	57.22 4.04 -5.00	58.33 4.25 -4.52	94.16 3.07 -46.51	92.53 6.13 -0.30	113.34 6.91 -20.89	102.57 6.33 -23.83	85.84 5.34 -20.35	75.21 6.02 7.46	74.69 5.57 6.15	77.07 5.23 3.96	81.20 5.35 0.00	61.68 3.87 0.00
NYPA_GOWANUS____GT6 24157	28.38 1.49 0.00	34.78 1.63 0.00	37.87 1.72 0.00	34.14 1.55 0.00	40.04 1.58 0.00	41.98 1.93 0.00	46.64 2.76 0.00	54.38 3.55 0.00	42.19 2.79 0.00	35.17 2.50 0.00	79.38 3.73 -27.72	54.73 4.12 0.00	57.22 4.04 -5.00	58.33 4.25 -4.52	94.16 3.07 -46.51	92.53 6.13 -0.30	113.34 6.91 -20.89	102.57 6.33 -23.83	85.84 5.34 -20.35	75.21 6.02 7.46	74.69 5.57 6.15	77.07 5.23 3.96	81.20 5.35 0.00	61.68 3.87 0.00
NYPA_HARLEM__RVR__GT1 24160	28.33 1.43 0.00	34.77 1.62 0.00	37.84 1.69 0.00	34.09 1.50 0.00	39.90 1.44 0.00	41.87 1.83 0.00	46.50 2.61 0.00	54.34 3.51 0.00	42.06 2.66 0.00	35.09 2.43 0.00	79.33 3.68 -27.72	54.56 3.95 0.00	57.04 3.86 -5.00	58.17 4.09 -4.52	94.34 2.99 -46.77	95.75 5.75 -3.90	122.54 6.61 -30.39	113.65 6.10 -35.14	94.97 5.10 -29.72	82.59 5.94 0.00	80.78 5.50 0.00	80.95 5.15 0.00	81.17 5.31 0.00	61.60 3.79 0.00
NYPA_HARLEM__RVR__GT2 24161	28.33 1.43 0.00	34.77 1.62 0.00	37.84 1.69 0.00	34.09 1.50 0.00	39.90 1.44 0.00	41.87 1.83 0.00	46.50 2.61 0.00	54.34 3.51 0.00	42.06 2.66 0.00	35.09 2.43 0.00	79.33 3.68 -27.72	54.56 3.95 0.00	57.04 3.86 -5.00	58.17 4.09 -4.52	94.34 2.99 -46.77	95.75 5.75 -3.90	122.54 6.61 -30.39	113.65 6.10 -35.14	94.97 5.10 -29.72	82.59 5.94 0.00	80.78 5.50 0.00	80.95 5.15 0.00	81.17 5.31 0.00	61.60 3.79 0.00
NYPA_KENT____GT 24152	28.36 1.47 0.00	34.77 1.62 0.00	37.87 1.72 0.00	34.12 1.54 0.00	40.02 1.56 0.00	41.94 1.90 0.00	46.59 2.71 0.00	54.36 3.52 0.00	42.17 2.77 0.00	35.16 2.50 0.00	79.41 3.76 -27.72	54.75 4.14 0.00	57.25 4.07 -5.00	58.35 4.27 -4.52	94.45 3.10 -46.77	96.18 6.18 -3.90	122.85 6.92 -30.39	113.88 6.33 -35.14	95.21 5.34 -29.72	82.68 6.03 0.00	80.87 5.59 0.00	81.03 5.24 0.00	81.19 5.34 0.00	61.70 3.89 0.00
NYPA_POUCH1____GT 24155	28.36 1.47 0.00	34.77 1.62 0.00	37.87 1.72 0.00	34.12 1.54 0.00	40.02 1.56 0.00	41.97 1.93 0.00	46.63 2.74 0.00	54.32 3.48 0.00	42.13 2.73 0.00	35.13 2.46 0.00	79.28 3.63 -27.72	54.59 3.98 0.00	57.09 3.91 -5.00	58.19 4.11 -4.52	94.27 2.92 -46.77	95.91 5.92 -3.90	122.68 6.74 -30.39	113.78 6.23 -35.14	95.13 5.25 -29.72	82.56 5.92 0.00	80.72 5.44 0.00	80.92 5.12 0.00	81.12 5.26 0.00	61.65 3.83 0.00
NYPA_VERNON____GT2 24162	28.33 1.44 0.00	34.74 1.59 0.00	37.84 1.69 0.00	34.10 1.51 0.00	39.97 1.51 0.00	41.90 1.86 0.00	46.52 2.64 0.00	54.32 3.48 0.00	42.12 2.72 0.00	35.13 2.46 0.00	79.39 3.74 -27.72	54.76 4.15 0.00	57.25 4.07 -5.00	58.35 4.27 -4.52	94.50 3.15 -46.77	96.22 6.22 -3.90	122.88 6.95 -30.39	113.88 6.34 -35.14	95.24 5.37 -29.72	82.71 6.06 0.00	80.88 5.60 0.00	81.06 5.26 0.00	81.20 5.34 0.00	61.68 3.87 0.00
NYPA_VERNON____GT3 24163	28.33 1.44 0.00	34.74 1.59 0.00	37.84 1.69 0.00	34.10 1.51 0.00	39.97 1.51 0.00	41.90 1.86 0.00	46.52 2.64 0.00	54.32 3.48 0.00	42.12 2.72 0.00	35.13 2.46 0.00	79.39 3.74 -27.72	54.76 4.15 0.00	57.25 4.07 -5.00	58.35 4.27 -4.52	94.50 3.15 -46.77	96.22 6.22 -3.90	122.88 6.95 -30.39	113.88 6.34 -35.14	95.24 5.37 -29.72	82.71 6.06 0.00	80.88 5.60 0.00	81.06 5.26 0.00	81.20 5.34 0.00	61.68 3.87 0.00
NYPA__ASTORIA_CC1 323568	28.29 1.39 0.00	34.69 1.54 0.00	37.79 1.64 0.00	34.05 1.46 0.00	39.92 1.46 0.00	41.82 1.78 0.00	46.43 2.55 0.00	54.22 3.39 0.00	42.04 2.64 0.00	35.06 2.39 0.00	79.30 3.65 -27.72	54.67 4.06 0.00	57.16 3.97 -5.00	58.27 4.19 -4.52	94.41 3.06 -46.77	96.05 6.05 -3.90	122.70 6.77 -30.39	113.74 6.20 -35.14	95.13 5.25 -29.72	82.59 5.95 0.00	80.77 5.49 0.00	80.93 5.13 0.00	81.07 5.22 0.00	61.59 3.78 0.00
NYPA__ASTORIA_CC2 323569	28.29 1.39 0.00	34.70 1.55 0.00	37.80 1.64 0.00	34.05 1.46 0.00	39.92 1.46 0.00	41.82 1.78 0.00	46.43 2.55 0.00	54.22 3.39 0.00	42.04 2.64 0.00	35.06 2.39 0.00	79.32 3.67 -27.72	54.68 4.07 0.00	57.16 3.98 -5.00	58.29 4.21 -4.52	94.42 3.07 -46.77	96.09 6.10 -3.90	122.73 6.80 -30.39	113.75 6.20 -35.14	95.15 5.27 -29.72	82.60 5.95 0.00	80.79 5.51 0.00	80.97 5.17 0.00	81.11 5.25 0.00	61.61 3.80 0.00
NYPA__HOLTSVILL 23794	28.60 1.71 0.00	34.89 1.74 0.00	37.95 1.79 0.00	34.20 1.61 0.00	40.20 1.74 0.00	42.30 2.25 0.00	46.86 2.98 0.00	54.81 3.97 0.00	41.87 2.47 0.00	34.90 2.23 0.00	79.44 3.84 -27.68	54.68 4.08 0.00	57.19 4.01 -4.99	58.39 4.32 -4.51	94.41 3.13 -46.70	96.53 6.54 -3.89	123.75 7.86 -30.34	114.88 7.38 -35.09	96.53 6.70 -29.68	84.60 7.94 0.00	82.82 7.54 0.00	82.78 6.99 0.00	82.78 6.92 0.00	62.63 4.81 0.00
NYPA__HELLGATE_GT1 24158	28.33 1.44 0.00	34.77 1.62 0.00	37.84 1.69 0.00	34.09 1.50 0.00	39.90 1.44 0.00	41.87 1.83 0.00	46.49 2.61 0.00	54.29 3.46 0.00	42.02 2.62 0.00	35.07 2.40 0.00	79.30 3.65 -27.72	54.51 3.90 0.00	57.00 3.82 -5.00	58.12 4.04 -4.52	94.30 2.95 -46.77	95.75 5.75 -3.90	122.54 6.61 -30.39	113.65 6.10 -35.14	94.98 5.10 -29.72	82.59 5.94 0.00	80.78 5.50 0.00	80.95 5.15 0.00	81.17 5.31 0.00	61.60 3.79 0.00
NYPA__HELLGATE_GT2 24159	28.33 1.44 0.00	34.77 1.62 0.00	37.84 1.69 0.00	34.09 1.50 0.00	39.90 1.44 0.00	41.87 1.83 0.00	46.49 2.61 0.00	54.29 3.46 0.00	42.02 2.62 0.00	35.07 2.40 0.00	79.30 3.65 -27.72	54.51 3.90 0.00	57.00 3.82 -5.00	58.12 4.04 -4.52	94.30 2.95 -46.77	95.75 5.75 -3.90	122.54 6.61 -30.39	113.65 6.10 -35.14	94.98 5.10 -29.72	82.59 5.94 0.00	80.78 5.50 0.00	80.95 5.15 0.00	81.17 5.31 0.00	61.60 3.79 0.00
NYS_BARGE__HYD 23848	25.76 -1.13 0.00	31.79 -1.36 0.00	34.74 -1.42 0.00	31.42 -1.16 0.00	37.37 -1.09 0.00	38.76 -1.29 0.00	41.53 -2.35 0.00	46.10 -3.96 0.78	36.72 -2.65 0.02	30.83 -1.84 0.00	42.21 -3.94 1.78	46.24 -4.26 0.10	43.72 -3.97 0.49	37.44 -4.07 8.06	38.53 -3.35 2.69	76.36 -6.08 3.66	78.25 -5.81 1.49	65.78 -4.92 1.70	54.87 -4.00 1.28	70.57 -6.08 0.00	69.00 -6.27 0.00	69.30 -6.50 0.00	70.49 -5.36 0.00	54.00 -3.81 0.00

OAK ORCHARD___HYD 24046	26.17 -0.72 0.00	32.25 -0.90 0.00	35.21 -0.95 0.00	31.82 -0.77 0.00	37.75 -0.71 0.00	39.23 -0.81 0.00	42.58 -1.30 0.00	48.65 -2.19 0.00	37.99 -1.41 0.00	31.74 -0.93 0.00	45.79 -2.13 0.00	48.30 -2.31 0.00	46.09 -2.14 -0.05	48.13 -2.02 -0.59	42.57 -1.63 0.38	83.27 -2.90 -0.07	81.43 -2.90 1.22	68.79 -2.42 1.20	58.15 -2.00 0.00	73.56 -3.08 0.00	71.99 -3.29 0.00	72.32 -3.48 0.00	72.94 -2.91 0.00	55.69 -2.12 0.00
OAKDALE___35_KV_LOAD 356122	26.78 -0.11 0.00	32.96 -0.19 0.00	35.98 -0.17 0.00	32.44 -0.14 0.00	38.31 -0.15 0.00	39.82 -0.23 0.00	43.79 -0.09 0.00	50.70 -0.28 -0.15	39.20 -0.20 0.00	32.53 -0.13 0.00	44.36 -0.63 2.94	50.02 -0.60 -0.02	47.04 -0.44 0.70	47.06 -0.27 2.24	38.40 -0.14 6.03	84.73 -0.09 1.29	81.69 -0.11 3.75	68.47 0.17 4.11	57.64 0.45 2.97	76.87 0.21 0.00	75.56 0.27 0.00	75.87 0.07 0.00	76.06 0.20 0.00	57.91 0.10 0.00
OCC_CHEM___DRP 24175	25.23 -1.66 0.00	31.17 -1.98 0.00	34.07 -2.08 0.00	30.83 -1.75 0.00	36.67 -1.79 0.00	37.97 -2.08 0.00	40.55 -3.33 0.00	44.68 -5.29 0.87	35.71 -3.67 0.02	30.00 -2.67 0.00	40.81 -5.24 1.88	45.01 -5.49 0.11	42.43 -5.10 0.65	34.09 -4.90 10.57	36.85 -4.31 3.42	72.83 -8.21 5.06	75.64 -8.37 1.54	63.33 -7.33 1.75	52.78 -6.06 1.32	68.32 -8.33 0.00	66.82 -8.46 0.00	67.22 -8.58 0.00	68.68 -7.17 0.00	52.99 -4.83 0.00
OH_GEN_PROXY 24063	25.42 -1.48 0.00	31.38 -1.76 0.00	34.30 -1.85 0.00	31.04 -1.54 0.00	36.91 -1.55 0.00	38.22 -1.82 0.00	40.98 -2.91 0.00	45.42 -4.67 0.75	36.12 -3.26 0.02	30.33 -2.33 0.00	41.72 -4.59 1.61	45.68 -4.83 0.09	43.08 -4.46 0.64	36.04 -4.52 9.00	-52.57 -3.86 93.28	-60.63 -7.13 139.60	76.79 -7.23 1.53	72.19 -6.33 -6.11	53.63 -5.21 1.31	69.30 -7.35 0.00	67.81 -7.48 0.00	68.24 -7.55 0.00	69.54 -6.32 0.00	53.39 -4.42 0.00
OLIN_CORP_DRP 24177	25.20 -1.69 0.00	31.11 -2.03 0.00	34.01 -2.14 0.00	30.77 -1.82 0.00	36.59 -1.87 0.00	37.91 -2.14 0.00	40.48 -3.40 0.00	44.66 -5.30 0.88	35.68 -3.69 0.02	29.97 -2.69 0.00	40.86 -5.13 1.95	44.93 -5.57 0.11	42.38 -5.20 0.61	34.68 -5.03 9.85	36.96 -4.38 3.24	73.05 -8.36 4.69	75.83 -8.16 1.56	63.68 -6.95 1.78	53.11 -5.70 1.34	68.32 -8.33 0.00	66.83 -8.45 0.00	67.19 -8.60 0.00	68.66 -7.20 0.00	52.86 -4.95 0.00
OLIN_CORP_DSASP 323712	25.23 -1.66 0.00	31.17 -1.97 0.00	34.07 -2.08 0.00	30.83 -1.75 0.00	36.67 -1.79 0.00	37.97 -2.08 0.00	40.55 -3.34 0.00	44.68 -5.28 0.87	35.71 -3.67 0.02	30.00 -2.66 0.00	40.84 -5.20 1.88	45.00 -5.49 0.11	42.45 -5.08 0.65	33.78 -5.21 10.57	36.75 -4.40 3.42	72.84 -8.20 5.06	75.68 -8.32 1.54	63.35 -7.31 1.75	52.80 -6.04 1.32	68.30 -8.35 0.00	66.80 -8.49 0.00	67.23 -8.56 0.00	68.69 -7.17 0.00	52.98 -4.83 0.00
ONEIDA_HERK_LFGE 323681	26.72 -0.17 0.00	32.98 -0.16 0.00	36.17 0.02 0.00	32.38 -0.21 0.00	38.22 -0.23 0.00	39.78 -0.26 0.00	43.80 -0.09 0.00	50.77 -0.06 0.00	39.44 0.05 0.00	32.78 0.11 0.00	54.05 0.50 -5.62	57.61 0.64 -6.37	54.83 0.50 -6.15	56.29 0.48 -6.25	50.90 0.49 -5.84	96.61 1.03 -9.49	95.99 1.06 -9.39	82.13 1.50 -8.22	68.32 1.03 -7.14	80.99 1.58 -2.76	82.44 1.94 -5.21	78.48 2.07 -0.61	78.27 2.42 0.00	59.60 1.79 0.00
ONEIDA___115KV_TB4 55905	27.37 0.47 0.00	33.77 0.62 0.00	36.86 0.70 0.00	33.18 0.60 0.00	39.23 0.77 0.00	40.88 0.83 0.00	45.04 1.16 0.00	52.16 1.32 0.00	40.46 1.06 0.00	33.58 0.92 0.00	51.62 1.32 -2.38	54.81 1.51 -2.70	52.18 1.39 -2.60	53.80 1.59 -2.64	48.45 1.40 -2.47	92.88 2.77 -4.01	92.33 2.82 -3.97	78.46 2.58 -3.47	65.30 2.13 -3.01	80.38 2.57 -1.16	80.08 2.60 -2.20	78.58 2.52 -0.26	78.34 2.48 0.00	59.57 1.76 0.00
ONONDAGA_REF_OCCRA 23987	26.74 -0.15 0.00	32.91 -0.24 0.00	35.88 -0.27 0.00	32.36 -0.22 0.00	38.21 -0.25 0.00	39.75 -0.29 0.00	43.56 -0.32 0.00	50.37 -0.46 0.00	39.09 -0.31 0.00	32.52 -0.15 0.00	47.36 -0.57 0.00	50.02 -0.59 0.00	47.74 -0.44 0.00	49.24 -0.33 0.00	44.31 -0.27 0.00	85.70 -0.40 0.00	85.14 -0.27 0.13	71.30 -0.01 1.11	60.24 0.09 0.00	76.51 -0.14 0.00	75.08 -0.20 0.00	75.42 -0.37 0.00	75.49 -0.36 0.00	57.47 -0.34 0.00
ONONDAGA___COGEN 23986	26.72 -0.17 0.00	32.87 -0.28 0.00	35.84 -0.31 0.00	32.34 -0.25 0.00	38.20 -0.25 0.00	39.73 -0.32 0.00	43.51 -0.37 0.00	50.32 -0.52 0.00	39.02 -0.37 0.00	32.45 -0.22 0.00	47.21 -0.71 0.00	49.87 -0.73 0.00	47.58 -0.60 0.00	49.06 -0.51 0.00	44.13 -0.45 0.00	85.40 -0.69 0.00	85.06 -0.48 0.00	72.19 -0.21 0.00	60.04 -0.11 0.00	76.32 -0.33 0.00	74.89 -0.39 0.00	75.21 -0.59 0.00	75.32 -0.53 0.00	57.33 -0.48 0.00
ONTARIO___LFGE 23819	26.58 -0.32 0.00	32.68 -0.47 0.00	35.67 -0.49 0.00	32.19 -0.40 0.00	38.15 -0.31 0.00	39.69 -0.35 0.00	43.47 -0.42 0.00	50.46 -0.95 -0.58	38.89 -0.52 -0.01	32.31 -0.36 0.00	47.74 -1.40 -1.21	49.16 -1.51 -0.07	46.94 -1.22 0.03	48.03 -1.07 0.46	43.04 -0.78 0.76	84.76 -0.94 0.40	83.32 -0.74 1.48	70.47 -0.23 1.71	58.84 -0.03 1.28	76.21 -0.44 0.00	74.78 -0.50 0.00	74.90 -0.89 0.00	75.28 -0.58 0.00	57.36 -0.45 0.00
ORANGEVILLE_WT_PWR 323706	25.37 -1.53 0.00	31.20 -1.94 0.00	34.06 -2.10 0.00	30.72 -1.87 0.00	36.49 -1.97 0.00	37.77 -2.27 0.00	40.86 -3.02 0.00	42.88 -4.51 3.45	36.05 -3.26 0.09	30.05 -2.61 0.01	35.80 -4.84 7.28	45.25 -4.94 0.43	43.19 -4.52 0.47	37.47 -4.48 7.61	37.96 -3.80 2.82	75.69 -6.66 3.74	77.49 -6.15 1.91	65.36 -4.88 2.17	54.79 -3.73 1.64	71.59 -5.06 0.00	70.28 -5.00 0.00	70.68 -5.12 0.00	71.82 -4.03 0.00	55.16 -2.65 0.00
ORANGEVILLE___ESR 323794	25.37 -1.53 0.00	31.20 -1.94 0.00	34.06 -2.10 0.00	30.72 -1.87 0.00	36.49 -1.97 0.00	37.77 -2.27 0.00	40.86 -3.02 0.00	42.88 -4.51 3.45	36.05 -3.26 0.09	30.05 -2.61 0.01	35.80 -4.84 7.28	45.25 -4.94 0.43	43.19 -4.52 0.47	37.47 -4.48 7.61	37.96 -3.80 2.82	75.69 -6.66 3.74	77.49 -6.15 1.91	65.36 -4.88 2.17	54.79 -3.73 1.64	71.59 -5.06 0.00	70.28 -5.00 0.00	70.68 -5.12 0.00	71.82 -4.03 0.00	55.16 -2.65 0.00
OSWEGATCHIE___HYD 24044	25.64 -1.89 -0.64	32.07 -2.23 -1.15	34.75 -2.03 -0.62	30.87 -2.18 -0.46	35.93 -2.53 0.00	36.63 -3.42 0.00	40.02 -3.86 0.00	46.50 -4.34 0.00	36.54 -2.85 0.00	30.50 -2.16 0.00	74.31 -1.75 -28.13	80.21 -2.26 -31.87	76.74 -2.24 -30.79	78.48 -2.41 -31.32	71.92 -1.90 -29.24	130.35 -3.30 -47.55	127.78 -4.81 -47.04	110.05 -3.54 -41.18	92.35 -3.57 -35.77	86.82 -3.65 -13.81	99.12 -2.29 -26.13	77.12 -1.75 -3.07	76.83 0.98 0.00	58.92 1.12 0.00
OSWEGO___5 23606	26.26 -0.63 0.00	32.32 -0.83 0.00	35.25 -0.90 0.00	31.79 -0.80 0.00	37.54 -0.92 0.00	39.02 -1.03 0.00	42.66 -1.23 0.00	49.32 -1.52 0.00	38.27 -1.13 0.00	31.82 -0.85 0.00	46.37 -1.56 0.00	48.97 -1.64 0.00	46.68 -1.50 0.00	48.05 -1.51 0.00	43.22 -1.36 0.00	83.56 -2.54 0.00	83.13 -2.41 0.00	70.50 -1.91 0.00	58.60 -1.55 0.00	74.53 -2.12 0.00	73.17 -2.11 0.00	73.55 -2.25 0.00	73.70 -2.15 0.00	56.13 -1.67 0.00

OSWEGO___6 23613	26.26 -0.63 0.00	32.32 -0.83 0.00	35.25 -0.90 0.00	31.79 -0.80 0.00	37.54 -0.92 0.00	39.02 -1.03 0.00	42.66 -1.23 0.00	49.32 -1.52 0.00	38.27 -1.13 0.00	31.82 -0.85 0.00	46.37 -1.56 0.00	48.97 -1.64 0.00	46.68 -1.50 0.00	48.05 -1.51 0.00	43.22 -1.36 0.00	83.56 -2.54 0.00	83.13 -2.41 0.00	70.50 -1.91 0.00	58.60 -1.55 0.00	74.53 -2.12 0.00	73.17 -2.11 0.00	73.55 -2.25 0.00	73.70 -2.15 0.00	56.13 -1.67 0.00
OUTOKUMPU-AB___DRP 24206	25.90 -0.99 0.00	31.98 -1.17 0.00	34.92 -1.24 0.00	31.59 -1.00 0.00	37.56 -0.90 0.00	38.92 -1.13 0.00	41.72 -2.16 0.00	46.12 -3.79 0.92	36.83 -2.54 0.02	30.94 -1.73 0.00	42.11 -3.80 2.02	46.49 -4.00 0.12	43.91 -3.69 0.58	36.72 -3.44 9.40	38.44 -3.02 3.11	76.02 -5.63 4.45	78.40 -5.58 1.56	65.87 -4.76 1.79	54.92 -3.89 1.34	70.98 -5.67 0.00	69.43 -5.85 0.00	69.75 -6.05 0.00	71.04 -4.81 0.00	54.56 -3.25 0.00
OXBOW___BTM 323836	25.62 -1.27 0.00	31.64 -1.51 0.00	34.56 -1.59 0.00	31.27 -1.31 0.00	37.18 -1.28 0.00	38.53 -1.52 0.00	41.23 -2.65 0.00	45.51 -4.43 0.90	36.37 -3.01 0.02	30.55 -2.11 0.00	41.58 -4.39 1.95	45.85 -4.64 0.11	43.29 -4.28 0.62	35.23 -4.36 9.98	37.66 -3.65 3.27	74.65 -6.70 4.75	77.29 -6.70 1.55	64.83 -5.81 1.77	54.04 -4.78 1.33	69.84 -6.81 0.00	68.30 -6.98 0.00	68.69 -7.11 0.00	70.07 -5.79 0.00	53.89 -3.92 0.00
OXBOW____ 24026	25.62 -1.27 0.00	31.64 -1.51 0.00	34.56 -1.59 0.00	31.27 -1.31 0.00	37.18 -1.28 0.00	38.53 -1.52 0.00	41.23 -2.65 0.00	45.52 -4.42 0.90	36.37 -3.01 0.02	30.55 -2.12 0.00	41.56 -4.42 1.95	45.85 -4.64 0.11	43.28 -4.28 0.62	35.53 -4.06 9.98	37.75 -3.56 3.27	74.63 -6.72 4.75	77.24 -6.76 1.55	64.80 -5.84 1.77	54.01 -4.81 1.33	69.85 -6.80 0.00	68.33 -6.95 0.00	68.69 -7.11 0.00	70.04 -5.82 0.00	53.90 -3.91 0.00
OXY_CHEM_DSASP 323612	25.23 -1.66 0.00	31.17 -1.98 0.00	34.07 -2.08 0.00	30.83 -1.75 0.00	36.67 -1.79 0.00	37.97 -2.08 0.00	40.55 -3.33 0.00	44.68 -5.29 0.87	35.71 -3.67 0.02	30.00 -2.67 0.00	40.81 -5.24 1.88	45.01 -5.49 0.11	42.43 -5.10 0.65	34.09 -4.90 10.57	36.85 -4.31 3.42	72.83 -8.21 5.06	75.64 -8.37 1.54	63.33 -7.33 1.75	52.78 -6.06 1.32	68.32 -8.33 0.00	66.82 -8.46 0.00	67.22 -8.58 0.00	68.68 -7.17 0.00	52.99 -4.83 0.00
OZONE_PARK_ESR 323760	28.54 1.65 0.00	34.98 1.83 0.00	38.09 1.94 0.00	34.31 1.73 0.00	40.27 1.81 0.00	42.20 2.16 0.00	46.90 3.02 0.00	54.74 3.91 0.00	42.47 3.07 0.00	35.40 2.73 0.00	79.77 4.11 -27.74	55.16 4.55 0.00	57.64 4.45 -5.01	58.73 4.64 -4.52	94.92 3.54 -46.80	97.00 7.00 -3.90	123.67 7.72 -30.40	114.58 7.01 -35.16	95.80 5.91 -29.73	83.39 6.74 0.00	81.64 6.36 0.00	81.82 6.02 0.00	81.93 6.07 0.00	62.20 4.39 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	25.23 -1.66 0.00	31.17 -1.98 0.00	34.07 -2.08 0.00	30.83 -1.75 0.00	36.67 -1.79 0.00	37.97 -2.08 0.00	40.55 -3.33 0.00	44.68 -5.29 0.87	35.71 -3.67 0.02	30.00 -2.67 0.00	40.81 -5.24 1.88	45.01 -5.49 0.11	42.43 -5.10 0.65	34.09 -4.90 10.57	36.85 -4.31 3.42	72.83 -8.21 5.06	75.64 -8.37 1.54	63.33 -7.33 1.75	52.78 -6.06 1.32	68.32 -8.33 0.00	66.82 -8.46 0.00	67.22 -8.58 0.00	68.68 -7.17 0.00	52.99 -4.83 0.00
PACKARD__115KV_DUPONT_184 80571	25.23 -1.66 0.00	31.17 -1.98 0.00	34.07 -2.08 0.00	30.83 -1.75 0.00	36.67 -1.79 0.00	37.97 -2.08 0.00	40.55 -3.33 0.00	44.68 -5.29 0.87	35.71 -3.67 0.02	30.00 -2.67 0.00	40.81 -5.24 1.88	45.01 -5.49 0.11	42.43 -5.10 0.65	34.09 -4.90 10.57	36.85 -4.31 3.42	72.83 -8.21 5.06	75.64 -8.37 1.54	63.33 -7.33 1.75	52.78 -6.06 1.32	68.32 -8.33 0.00	66.82 -8.46 0.00	67.22 -8.58 0.00	68.68 -7.17 0.00	52.99 -4.83 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	28.31 1.41 0.00	34.73 1.58 0.00	37.80 1.64 0.00	34.05 1.46 0.00	39.88 1.42 0.00	41.85 1.81 0.00	46.48 2.60 0.00	54.29 3.45 0.00	42.04 2.64 0.00	35.04 2.37 0.00	79.22 3.57 -27.72	54.48 3.87 0.00	56.98 3.79 -5.00	58.06 3.97 -4.52	94.29 2.94 -46.77	95.79 5.80 -3.90	122.55 6.62 -30.39	113.63 6.08 -35.14	94.98 5.11 -29.72	82.52 5.87 0.00	80.64 5.36 0.00	80.85 5.05 0.00	81.04 5.19 0.00	61.48 3.68 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	28.42 1.52 0.00	34.88 1.74 0.00	37.88 1.73 0.00	34.13 1.55 0.00	39.99 1.53 0.00	42.00 1.96 0.00	46.69 2.81 0.00	54.54 3.70 0.00	42.29 2.90 0.00	35.26 2.59 0.00	79.43 3.78 -27.72	54.68 4.07 0.00	57.11 3.93 -5.00	58.17 4.09 -4.52	94.38 3.03 -46.77	95.89 5.89 -3.90	122.79 6.86 -30.39	113.80 6.25 -35.14	95.14 5.27 -29.72	82.70 6.05 0.00	80.83 5.54 0.00	81.08 5.28 0.00	81.27 5.41 0.00	61.63 3.82 0.00
PATROON__115KV_TB1 80586	27.36 0.47 0.00	33.74 0.60 0.00	36.75 0.60 0.00	33.10 0.51 0.00	39.03 0.57 0.00	40.78 0.73 0.00	44.86 0.98 0.00	52.20 1.36 0.00	40.30 0.90 0.00	33.43 0.76 0.00	55.42 1.59 -5.90	52.52 1.91 0.00	51.13 1.88 -1.07	52.52 1.94 -1.02	56.40 1.69 -10.14	89.82 2.82 -0.90	95.64 3.25 -6.85	83.38 3.05 -7.92	69.46 2.62 -6.69	79.54 2.89 0.00	78.06 2.78 0.00	78.42 2.62 0.00	78.41 2.55 0.00	59.83 2.02 0.00
PATTRSNVILLE__SOLAR 323815	27.73 0.84 0.00	34.20 1.06 0.00	37.29 1.14 0.00	33.59 1.01 0.00	39.66 1.21 0.00	41.37 1.32 0.00	45.49 1.61 0.00	52.90 2.07 0.00	40.80 1.40 0.00	33.69 1.02 0.00	54.40 1.43 -5.04	52.19 1.58 0.00	50.79 1.70 -0.91	52.30 1.87 -0.87	54.91 1.65 -8.67	90.20 3.33 -0.77	95.17 3.77 -5.86	82.63 3.43 -6.79	68.86 2.93 -5.78	80.07 3.42 0.00	78.58 3.30 0.00	79.00 3.20 0.00	79.04 3.19 0.00	60.15 2.34 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	26.73 -0.16 0.00	33.00 -0.15 0.00	36.04 -0.11 0.00	32.59 0.01 0.00	38.72 0.26 0.00	40.14 0.10 0.00	43.26 -0.62 0.00	48.03 -1.84 0.97	38.11 -1.27 0.03	31.97 -0.69 0.00	43.64 -2.20 2.09	48.37 -2.12 0.12	45.78 -1.83 0.57	39.09 -1.45 9.02	40.09 -1.39 3.10	79.12 -2.61 4.36	81.03 -2.80 1.71	68.15 -2.31 1.95	56.88 -1.80 1.47	73.63 -3.02 0.00	72.09 -3.20 0.00	72.51 -3.29 0.00	73.62 -2.23 0.00	56.36 -1.45 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	28.42 1.53 0.00	34.87 1.72 0.00	37.96 1.81 0.00	34.21 1.62 0.00	40.22 1.76 0.00	42.18 2.14 0.00	46.81 2.93 0.00	54.65 3.82 0.00	42.29 2.90 0.00	35.20 2.54 0.00	64.47 3.87 -12.67	54.83 4.23 0.00	54.54 4.08 -2.28	55.82 4.27 -1.99	69.73 3.42 -21.73	94.74 6.82 -1.82	107.79 7.65 -14.60	96.32 7.04 -16.87	80.32 6.03 -14.13	83.49 6.84 0.00	81.73 6.44 0.00	81.91 6.11 0.00	81.93 6.07 0.00	62.18 4.37 0.00
PEEKSKILL____ 23653	28.05 1.16 0.00	34.40 1.25 0.00	37.47 1.32 0.00	33.77 1.19 0.00	39.66 1.20 0.00	41.57 1.53 0.00	46.07 2.19 0.00	53.71 2.88 0.00	41.58 2.18 0.00	34.63 1.97 0.00	80.74 2.98 -29.84	53.93 3.32 0.00	56.84 3.28 -5.38	57.85 3.44 -4.84	97.07 2.56 -49.93	95.29 5.09 -4.09	123.20 5.79 -31.87	114.64 5.38 -36.85	95.93 4.61 -31.17	81.75 5.10 0.00	80.06 4.78 0.00	80.26 4.46 0.00	80.35 4.50 0.00	61.00 3.19 0.00

PGE MADISON___WINDPWR 24146	28.14 1.24 0.00	34.65 1.50 0.00	37.98 1.83 0.00	34.43 1.85 0.00	40.50 2.04 0.00	42.20 2.16 0.00	47.16 3.28 0.00	58.22 7.38 0.00	44.67 5.27 0.00	35.49 2.82 0.00	44.04 2.65 6.53	53.82 3.21 0.00	50.65 3.72 1.25	51.86 4.44 2.15	37.04 4.09 11.63	94.26 9.64 1.49	89.36 11.22 7.41	72.10 5.57 5.87	63.26 5.90 2.79	84.07 7.42 0.00	82.49 7.22 0.00	82.42 6.62 0.00	83.01 7.16 0.00	63.34 5.53 0.00
PIERCEFIELD___HYD 23852	26.02 -1.81 -0.94	32.71 -2.14 -1.70	35.02 -2.05 -0.92	31.21 -2.05 -0.68	36.20 -2.26 0.00	36.34 -3.71 0.00	39.50 -4.38 0.00	45.97 -4.86 0.00	36.35 -3.05 0.00	30.38 -2.29 0.00	87.90 -1.48 -41.45	95.13 -2.42 -46.94	91.19 -2.36 -45.37	93.19 -2.52 -46.15	85.75 -1.91 -43.09	153.07 -3.09 -70.06	149.26 -5.59 -69.31	128.29 -4.80 -60.68	108.19 -4.67 -52.71	91.91 -5.10 -20.36	110.45 -3.33 -38.50	77.53 -2.79 -4.53	77.13 1.28 0.00	59.42 1.62 0.00
PINELAWN_CC_1 323563	28.60 1.70 0.00	34.92 1.78 0.00	38.01 1.86 0.00	34.23 1.65 0.00	40.25 1.79 0.00	42.31 2.26 0.00	46.91 3.03 0.00	54.87 4.04 0.00	42.05 2.65 0.00	35.04 2.37 0.00	79.50 3.90 -27.68	54.77 4.16 0.00	57.27 4.09 -4.99	58.49 4.41 -4.51	94.35 3.07 -46.70	95.97 5.97 -3.89	122.80 6.92 -30.34	113.96 6.47 -35.09	95.82 6.00 -29.68	83.66 7.01 0.00	81.94 6.66 0.00	82.11 6.31 0.00	82.71 6.85 0.00	62.59 4.78 0.00
PJM_GEN_HTP_PROXY 323702	29.02 1.37 -0.76	34.65 1.50 0.00	37.74 1.59 0.00	34.00 1.41 0.00	39.90 1.44 0.00	41.81 1.77 0.00	46.41 2.53 0.00	55.17 3.32 -1.01	42.63 2.60 -0.63	35.01 2.35 0.00	80.33 3.57 -28.84	54.59 3.98 0.00	57.18 3.92 -5.08	57.24 4.13 -3.55	98.26 3.04 -50.64	96.05 6.04 -3.90	121.72 6.73 -29.44	113.73 6.13 -35.19	95.11 5.19 -29.77	82.46 5.81 0.00	80.72 5.44 0.00	80.92 5.12 0.00	81.04 5.19 0.00	61.56 3.75 0.00
PJM_GEN_KEystone 24065	27.70 0.05 -0.76	33.11 -0.04 0.00	36.14 -0.01 0.00	32.62 0.04 0.00	38.49 0.03 0.00	40.15 0.11 0.00	44.07 0.19 0.00	51.69 0.04 -0.82	40.10 0.08 -0.63	35.02 0.29 -2.06	11.91 0.02 36.03	50.75 0.17 0.03	41.64 0.26 6.80	40.31 0.42 9.68	-4.95 0.00 49.53	81.66 0.19 4.63	61.00 0.41 24.95	45.38 0.66 27.69	37.18 0.67 23.64	76.80 0.15 0.00	75.25 -0.03 0.00	75.59 -0.21 0.00	76.06 0.21 0.00	57.90 0.09 0.00
PJM_GEN_NEPTUNE_PROXY 323594	29.06 1.41 -0.76	34.63 1.48 0.00	37.69 1.53 0.00	33.95 1.36 0.00	39.88 1.42 0.00	41.88 1.84 0.00	46.40 2.51 0.00	55.22 3.37 -1.01	42.29 2.25 -0.63	34.74 2.08 0.00	80.10 3.43 -28.74	54.36 3.76 0.00	56.95 3.71 -5.06	57.06 3.96 -3.53	97.93 2.87 -50.48	95.74 5.74 -3.89	121.58 6.68 -29.35	113.86 6.37 -35.09	95.45 5.62 -29.68	83.14 6.49 0.00	81.43 6.15 0.00	81.51 5.72 0.00	81.53 5.67 0.00	61.81 4.00 0.00
PJM_GEN_VFT_PROXY 323633	28.98 1.33 -0.76	34.57 1.43 0.00	37.66 1.51 0.00	33.95 1.36 0.00	39.82 1.36 0.00	41.72 1.67 0.00	46.31 2.43 0.00	55.04 3.19 -1.01	42.55 2.52 -0.63	34.93 2.26 0.00	80.07 3.34 -28.80	54.37 3.76 0.00	56.96 3.71 -5.07	57.01 3.91 -3.54	97.96 2.80 -50.59	95.62 5.62 -3.90	121.24 6.29 -29.41	113.28 5.72 -35.16	94.71 4.83 -29.73	82.01 5.36 0.00	80.26 4.98 0.00	80.44 4.65 0.00	80.59 4.74 0.00	61.24 3.43 0.00
PLATSBURG_115KV_PMLD1 355749	-0.54 -0.93 26.50	-15.88 -1.11 47.92	9.18 -1.09 25.88	12.53 -0.87 19.18	37.81 -0.65 0.00	39.43 -0.61 0.00	42.97 -0.91 0.00	49.49 -1.34 0.00	38.50 -0.90 0.00	31.53 -1.13 0.00	-15.54 -1.36 62.11	-21.33 -1.53 70.35	-21.33 -1.53 67.99	-21.43 -1.83 69.17	-21.43 -1.42 64.59	-21.42 -2.50 105.02	-21.34 -3.00 103.90	-21.38 -2.82 90.96	-21.41 -2.54 79.02	43.56 -2.59 30.50	15.40 -2.23 57.65	67.25 -1.77 6.78	76.08 0.22 0.00	58.43 0.62 0.00
PLEASANTVLY___LBMP 24000	28.01 1.11 0.00	34.38 1.23 0.00	37.44 1.29 0.00	33.71 1.13 0.00	39.61 1.15 0.00	41.50 1.46 0.00	45.96 2.08 0.00	53.61 2.78 0.00	41.50 2.11 0.00	34.55 1.88 0.00	70.06 2.96 -19.18	53.92 3.32 0.00	54.91 3.28 -3.46	56.08 3.39 -3.13	80.33 2.61 -33.14	94.08 5.13 -2.85	113.67 5.74 -22.38	103.62 5.33 -25.88	86.61 4.59 -21.87	81.62 4.97 0.00	79.95 4.67 0.00	80.19 4.39 0.00	80.33 4.48 0.00	61.04 3.23 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	28.18 1.29 0.00	34.57 1.42 0.00	37.64 1.49 0.00	33.91 1.33 0.00	39.84 1.38 0.00	41.75 1.71 0.00	46.29 2.41 0.00	54.02 3.18 0.00	41.82 2.42 0.00	34.83 2.16 0.00	76.34 3.31 -25.10	54.31 3.71 0.00	56.34 3.64 -4.53	57.44 3.79 -4.09	90.05 2.91 -42.56	95.40 5.73 -3.57	119.85 6.41 -27.90	110.56 5.89 -32.26	92.47 5.04 -27.27	82.23 5.58 0.00	80.50 5.23 0.00	80.74 4.94 0.00	80.81 4.96 0.00	61.36 3.55 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	28.18 1.29 0.00	34.57 1.42 0.00	37.64 1.49 0.00	33.91 1.33 0.00	39.84 1.38 0.00	41.75 1.71 0.00	46.29 2.41 0.00	54.02 3.18 0.00	41.82 2.42 0.00	34.83 2.16 0.00	76.34 3.31 -25.10	54.31 3.71 0.00	56.34 3.64 -4.53	57.44 3.79 -4.09	90.05 2.91 -42.56	95.40 5.73 -3.57	119.85 6.41 -27.90	110.56 5.89 -32.26	92.47 5.04 -27.27	82.23 5.58 0.00	80.50 5.23 0.00	80.74 4.94 0.00	80.81 4.96 0.00	61.36 3.55 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	28.28 1.39 0.00	34.70 1.55 0.00	37.79 1.64 0.00	34.04 1.45 0.00	40.01 1.55 0.00	41.95 1.90 0.00	46.50 2.62 0.00	54.29 3.46 0.00	42.04 2.64 0.00	34.96 2.30 0.00	59.44 3.56 -7.95	54.52 3.91 0.00	53.37 3.76 -1.42	54.73 3.90 -1.26	64.81 3.14 -17.10	93.79 6.28 -1.41	104.11 7.05 -11.52	92.20 6.49 -13.30	76.81 5.56 -11.10	83.01 6.36 0.00	81.26 5.98 0.00	81.46 5.66 0.00	81.50 5.65 0.00	61.89 4.08 0.00
POLETTI___ 23519	28.21 1.32 0.00	34.58 1.43 0.00	37.68 1.53 0.00	33.95 1.36 0.00	39.78 1.32 0.00	41.63 1.59 0.00	46.24 2.36 0.00	53.95 3.12 0.00	41.84 2.44 0.00	34.92 2.25 0.00	79.12 3.46 -27.74	54.48 3.87 0.00	57.00 3.81 -5.01	58.07 3.99 -4.52	94.29 2.91 -46.80	95.76 5.77 -3.90	122.38 6.43 -30.40	113.34 5.78 -35.16	94.78 4.90 -29.73	82.10 5.45 0.00	80.37 5.09 0.00	80.61 4.81 0.00	80.81 4.96 0.00	61.42 3.60 0.00
POMONA___ESR 323819	27.98 1.08 0.00	34.30 1.16 0.00	37.36 1.21 0.00	33.69 1.11 0.00	39.56 1.10 0.00	41.47 1.43 0.00	45.96 2.08 0.00	53.50 2.67 0.00	41.41 2.01 0.00	34.49 1.82 0.00	3.15 2.72 47.50	53.63 3.03 0.00	42.54 2.98 8.61	44.21 3.14 8.50	-35.46 2.32 82.36	83.10 4.60 7.60	34.08 5.30 56.77	11.68 4.95 65.69	8.14 4.23 56.24	81.32 4.67 0.00	79.62 4.34 0.00	79.81 4.01 0.00	79.90 4.04 0.00	60.67 2.86 0.00
PORT_JEFF_3 23555	28.69 1.79 0.00	34.99 1.84 0.00	38.05 1.90 0.00	34.30 1.71 0.00	40.33 1.87 0.00	42.43 2.38 0.00	47.04 3.15 0.00	55.00 4.16 0.00	41.89 2.49 0.00	34.92 2.24 0.00	79.60 4.00 -27.68	54.85 4.24 0.00	57.34 4.17 -4.99	58.57 4.49 -4.51	94.58 3.30 -46.70	96.90 6.90 -3.89	124.14 8.26 -30.34	115.03 7.54 -35.09	96.77 6.94 -29.68	85.00 8.35 0.00	83.21 7.92 0.00	83.13 7.33 0.00	83.12 7.27 0.00	62.87 5.06 0.00

PORT_JEFF_4 23616	28.69 1.79 0.00	34.99 1.84 0.00	38.05 1.90 0.00	34.30 1.71 0.00	40.33 1.87 0.00	42.43 2.38 0.00	47.04 3.15 0.00	55.00 4.16 0.00	41.89 2.49 0.00	34.92 2.24 0.00	79.60 4.00 -27.68	54.85 4.24 0.00	57.34 4.17 -4.99	58.57 4.49 -4.51	94.58 3.30 -46.70	96.90 6.90 -3.89	124.14 8.26 -30.34	115.03 7.54 -35.09	96.77 6.94 -29.68	85.00 8.35 0.00	83.21 7.92 0.00	83.13 7.33 0.00	83.12 7.27 0.00	62.87 5.06 0.00
PORT_JEFF_IC 23713	28.70 1.81 0.00	35.00 1.86 0.00	38.07 1.91 0.00	34.30 1.72 0.00	40.34 1.88 0.00	42.45 2.41 0.00	47.05 3.17 0.00	55.02 4.19 0.00	41.76 2.36 0.00	34.83 2.16 0.00	79.61 4.01 -27.68	54.87 4.26 0.00	57.38 4.20 -4.99	58.56 4.49 -4.51	94.62 3.35 -46.70	96.93 6.94 -3.89	124.22 8.33 -30.34	114.90 7.40 -35.09	96.78 6.95 -29.68	85.08 8.43 0.00	83.28 8.00 0.00	83.19 7.40 0.00	83.17 7.31 0.00	62.91 5.10 0.00
PPL_PILGRIM_ST_GT1 24216	28.78 1.89 0.00	35.13 1.99 0.00	38.22 2.07 0.00	34.44 1.85 0.00	40.48 2.03 0.00	42.57 2.53 0.00	47.19 3.31 0.00	55.17 4.34 0.00	42.22 2.82 0.00	35.20 2.53 0.00	79.87 4.27 -27.68	55.14 4.54 0.00	57.63 4.46 -4.99	58.88 4.80 -4.51	94.91 3.63 -46.70	97.31 7.32 -3.89	123.84 7.95 -30.34	114.93 7.43 -35.09	96.86 7.03 -29.68	85.10 8.45 0.00	83.46 8.18 0.00	83.41 7.61 0.00	83.42 7.57 0.00	63.13 5.32 0.00
PPL_PILGRIM_ST_GT2 24217	28.78 1.89 0.00	35.13 1.99 0.00	38.22 2.07 0.00	34.44 1.85 0.00	40.48 2.03 0.00	42.57 2.53 0.00	47.19 3.31 0.00	55.17 4.34 0.00	42.22 2.82 0.00	35.20 2.53 0.00	79.87 4.27 -27.68	55.14 4.54 0.00	57.63 4.46 -4.99	58.88 4.80 -4.51	94.91 3.63 -46.70	97.31 7.32 -3.89	123.84 7.95 -30.34	114.93 7.43 -35.09	96.86 7.03 -29.68	85.10 8.45 0.00	83.46 8.18 0.00	83.41 7.61 0.00	83.42 7.57 0.00	63.13 5.32 0.00
PPL_SHRM_GT3 24213	28.69 1.79 0.00	34.96 1.81 0.00	38.01 1.86 0.00	34.26 1.67 0.00	40.33 1.87 0.00	42.48 2.44 0.00	47.11 3.22 0.00	55.12 4.29 0.00	42.07 2.67 0.00	34.99 2.32 0.00	79.45 3.85 -27.68	54.65 4.04 0.00	57.13 3.95 -4.99	58.24 4.17 -4.51	93.79 2.52 -46.70	95.76 5.77 -3.89	124.02 8.13 -30.34	115.25 7.75 -35.09	96.84 7.01 -29.68	84.99 8.34 0.00	83.14 7.85 0.00	83.02 7.22 0.00	82.96 7.11 0.00	62.74 4.93 0.00
PPL_SHRM_GT4 24214	28.69 1.79 0.00	34.96 1.81 0.00	38.01 1.86 0.00	34.26 1.67 0.00	40.33 1.87 0.00	42.48 2.44 0.00	47.11 3.22 0.00	55.12 4.29 0.00	42.07 2.67 0.00	34.99 2.32 0.00	79.45 3.85 -27.68	54.65 4.04 0.00	57.13 3.95 -4.99	58.24 4.17 -4.51	93.79 2.52 -46.70	95.76 5.77 -3.89	124.02 8.13 -30.34	115.25 7.75 -35.09	96.84 7.01 -29.68	84.99 8.34 0.00	83.14 7.85 0.00	83.02 7.22 0.00	82.96 7.11 0.00	62.74 4.93 0.00
PROJECT___ORANGE 1 24174	26.58 -0.31 0.00	32.70 -0.45 0.00	35.66 -0.49 0.00	32.16 -0.43 0.00	37.97 -0.49 0.00	39.50 -0.55 0.00	43.24 -0.65 0.00	50.00 -0.84 0.00	38.81 -0.59 0.00	32.29 -0.37 0.00	47.04 -0.88 0.00	49.68 -0.92 0.00	47.42 -0.76 0.00	48.91 -0.66 0.00	44.00 -0.58 0.00	85.04 -1.06 0.00	84.60 -0.95 0.00	71.80 -0.61 0.00	59.71 -0.44 0.00	75.85 -0.80 0.00	74.42 -0.86 0.00	74.76 -1.03 0.00	74.87 -0.99 0.00	57.00 -0.81 0.00
PROJECT___ORANGE 2 24166	26.58 -0.31 0.00	32.70 -0.45 0.00	35.66 -0.49 0.00	32.16 -0.43 0.00	37.97 -0.49 0.00	39.50 -0.55 0.00	43.24 -0.65 0.00	50.00 -0.84 0.00	38.81 -0.59 0.00	32.29 -0.37 0.00	47.04 -0.88 0.00	49.68 -0.92 0.00	47.42 -0.76 0.00	48.91 -0.66 0.00	44.00 -0.58 0.00	85.04 -1.06 0.00	84.60 -0.95 0.00	71.80 -0.61 0.00	59.71 -0.44 0.00	75.85 -0.80 0.00	74.42 -0.86 0.00	74.76 -1.03 0.00	74.87 -0.99 0.00	57.00 -0.81 0.00
PUCKETT___SOLAR 323809	27.03 0.13 0.00	33.28 0.13 0.00	36.34 0.19 0.00	32.85 0.26 0.00	38.70 0.24 0.00	40.23 0.18 0.00	44.47 0.58 0.00	51.87 1.03 0.00	40.18 0.78 0.00	33.03 0.36 0.00	43.63 -0.08 4.22	50.58 -0.03 0.00	47.65 0.33 0.86	47.96 0.53 2.13	37.44 0.55 7.68	86.42 1.63 1.31	82.61 1.95 4.89	68.89 1.51 5.03	58.79 1.68 3.05	78.47 1.82 0.00	77.17 1.88 0.00	77.47 1.67 0.00	77.70 1.85 0.00	59.17 1.36 0.00
PYRITES___HYD 24023	26.68 -1.15 -0.94	33.53 -1.31 -1.70	35.88 -1.19 -0.92	31.99 -1.27 -0.68	37.18 -1.29 0.00	37.36 -2.68 0.00	40.77 -3.11 0.00	47.55 -3.28 0.00	37.58 -1.82 0.00	31.39 -1.27 0.00	89.26 -0.11 -41.45	96.06 -1.49 -46.94	92.02 -1.53 -45.37	94.18 -2.55 -46.15	86.68 -0.99 -43.09	155.24 -0.92 -70.06	151.99 -2.86 -69.31	130.80 -2.30 -60.68	110.21 -2.65 -52.71	94.48 -2.53 -20.36	112.89 -0.90 -38.50	79.96 -0.36 -4.53	79.61 3.75 0.00	61.21 3.40 0.00
QUAKERRD_115KV_BK1 80622	25.73 -1.17 0.00	31.70 -1.45 0.00	34.60 -1.55 0.00	31.26 -1.33 0.00	37.06 -1.40 0.00	38.54 -1.51 0.00	41.88 -1.99 0.00	47.98 -2.85 0.00	37.41 -1.99 0.00	31.23 -1.44 0.00	45.15 -2.78 0.00	47.64 -2.96 0.00	45.48 -2.77 -0.06	47.88 -2.55 -0.86	42.09 -2.22 0.27	82.23 -4.12 -0.25	80.29 -3.41 1.17	67.83 -4.08 1.16	57.31 -2.85 0.00	72.59 -4.06 0.00	71.10 -4.18 0.00	71.40 -4.40 0.00	71.91 -3.95 0.00	54.86 -2.95 0.00
QUEENSBRY_115KV_TB8 356137	28.79 1.89 0.00	35.44 2.29 0.00	38.55 2.39 0.00	34.75 2.16 0.00	41.16 2.70 0.00	43.28 3.24 0.00	47.76 3.88 0.00	56.01 5.17 0.00	43.17 3.77 0.00	35.38 2.71 0.00	57.75 4.01 -5.82	54.87 4.26 0.00	53.50 4.27 -1.05	54.89 4.32 -1.01	58.52 3.92 -10.02	95.11 8.11 -0.89	101.39 9.09 -6.76	88.32 8.07 -7.83	73.54 6.76 -6.63	84.59 7.94 0.00	82.84 7.56 0.00	83.08 7.28 0.00	82.96 7.11 0.00	62.97 5.16 0.00
RAMAPO___LBMP 323565	27.89 0.99 0.00	34.20 1.05 0.00	37.26 1.11 0.00	33.60 1.02 0.00	39.47 1.01 0.00	41.37 1.33 0.00	45.84 1.96 0.00	53.38 2.54 0.00	41.31 1.91 0.00	34.39 1.73 0.00	4.19 2.56 46.29	53.46 2.85 0.00	42.58 2.80 8.40	44.26 2.92 8.23	-32.78 2.15 79.51	83.21 4.29 7.18	36.98 4.96 53.53	15.15 4.68 61.94	11.12 4.02 53.05	81.07 4.42 0.00	79.38 4.10 0.00	79.59 3.80 0.00	79.70 3.84 0.00	60.51 2.70 0.00
RANKINE____ 23646	26.07 -0.82 0.00	32.19 -0.95 0.00	35.15 -1.01 0.00	31.77 -0.81 0.00	37.79 -0.67 0.00	39.15 -0.90 0.00	42.10 -1.78 0.00	46.41 -3.30 1.12	37.11 -2.26 0.03	31.13 -1.54 0.00	42.06 -3.45 2.41	46.93 -3.53 0.14	44.42 -3.18 0.58	37.37 -2.85 9.34	38.86 -2.56 3.17	76.85 -4.75 4.50	79.09 -4.78 1.67	66.52 -3.99 1.90	55.53 -3.19 1.44	71.94 -4.72 0.00	70.42 -4.87 0.00	70.79 -5.00 0.00	72.04 -3.82 0.00	55.24 -2.57 0.00
RAVENSWOOD_GT2_1 24244	28.28 1.38 0.00	34.66 1.51 0.00	37.75 1.60 0.00	34.01 1.43 0.00	39.91 1.45 0.00	41.82 1.78 0.00	46.42 2.53 0.00	54.16 3.33 0.00	42.00 2.60 0.00	35.01 2.34 0.00	79.22 3.57 -27.72	54.59 3.98 0.00	57.10 3.91 -5.00	58.16 4.08 -4.52	94.40 3.05 -46.77	96.01 6.02 -3.90	122.62 6.69 -30.39	113.66 6.11 -35.14	95.06 5.18 -29.72	82.45 5.80 0.00	80.69 5.41 0.00	80.90 5.10 0.00	81.02 5.17 0.00	61.55 3.74 0.00

RAVENSWOOD_GT2_2 24245	28.28 1.38 0.00	34.66 1.51 0.00	37.75 1.60 0.00	34.01 1.43 0.00	39.91 1.45 0.00	41.82 1.78 0.00	46.42 2.53 0.00	54.16 3.33 0.00	42.00 2.60 0.00	35.01 2.34 0.00	79.22 3.57 -27.72	54.59 3.98 0.00	57.10 3.91 -5.00	58.16 4.08 -4.52	94.40 3.05 -46.77	96.01 6.02 -3.90	122.62 6.69 -30.39	113.66 6.11 -35.14	95.06 5.18 -29.72	82.45 5.80 0.00	80.69 5.41 0.00	80.90 5.10 0.00	81.02 5.17 0.00	61.55 3.74 0.00
RAVENSWOOD_GT2_3 24246	28.29 1.40 0.00	34.68 1.53 0.00	37.76 1.61 0.00	34.03 1.44 0.00	39.92 1.46 0.00	41.83 1.79 0.00	46.42 2.54 0.00	54.19 3.35 0.00	42.03 2.63 0.00	35.04 2.36 0.00	79.23 3.58 -27.72	54.61 4.00 0.00	57.11 3.93 -5.00	58.18 4.10 -4.52	94.41 3.06 -46.77	96.04 6.04 -3.90	122.67 6.74 -30.39	113.69 6.14 -35.14	95.08 5.21 -29.72	82.48 5.83 0.00	80.73 5.45 0.00	80.94 5.14 0.00	81.06 5.21 0.00	61.57 3.76 0.00
RAVENSWOOD_GT2_4 24247	28.29 1.40 0.00	34.68 1.53 0.00	37.76 1.61 0.00	34.03 1.44 0.00	39.92 1.46 0.00	41.83 1.79 0.00	46.42 2.54 0.00	54.19 3.35 0.00	42.03 2.63 0.00	35.04 2.36 0.00	79.23 3.58 -27.72	54.61 4.00 0.00	57.11 3.93 -5.00	58.18 4.10 -4.52	94.41 3.06 -46.77	96.04 6.04 -3.90	122.67 6.74 -30.39	113.69 6.14 -35.14	95.08 5.21 -29.72	82.48 5.83 0.00	80.73 5.45 0.00	80.94 5.14 0.00	81.06 5.21 0.00	61.57 3.76 0.00
RAVENSWOOD_GT3_1 24248	28.28 1.38 0.00	34.66 1.51 0.00	37.75 1.60 0.00	34.01 1.43 0.00	39.91 1.45 0.00	41.82 1.78 0.00	46.42 2.53 0.00	54.16 3.33 0.00	42.00 2.60 0.00	35.01 2.34 0.00	79.22 3.57 -27.72	54.59 3.98 0.00	57.10 3.92 -5.00	58.16 4.09 -4.52	94.40 3.05 -46.77	96.01 6.02 -3.90	122.63 6.70 -30.39	113.66 6.11 -35.14	95.06 5.18 -29.72	82.45 5.80 0.00	80.69 5.41 0.00	80.90 5.10 0.00	81.03 5.18 0.00	61.55 3.75 0.00
RAVENSWOOD_GT3_2 24249	28.28 1.38 0.00	34.66 1.51 0.00	37.75 1.60 0.00	34.01 1.43 0.00	39.91 1.45 0.00	41.82 1.78 0.00	46.42 2.53 0.00	54.16 3.33 0.00	42.00 2.60 0.00	35.01 2.34 0.00	79.22 3.57 -27.72	54.59 3.98 0.00	57.10 3.92 -5.00	58.16 4.09 -4.52	94.40 3.05 -46.77	96.01 6.02 -3.90	122.63 6.70 -30.39	113.66 6.11 -35.14	95.06 5.18 -29.72	82.45 5.80 0.00	80.69 5.41 0.00	80.90 5.10 0.00	81.03 5.18 0.00	61.55 3.75 0.00
RAVENSWOOD_GT3_3 24250	28.32 1.42 0.00	34.71 1.56 0.00	37.80 1.65 0.00	34.05 1.47 0.00	39.96 1.50 0.00	41.87 1.83 0.00	46.49 2.61 0.00	54.24 3.40 0.00	42.07 2.67 0.00	35.07 2.40 0.00	79.30 3.65 -27.72	54.66 4.06 0.00	57.17 3.98 -5.00	58.24 4.16 -4.52	94.47 3.12 -46.77	96.14 6.14 -3.90	122.79 6.86 -30.39	113.79 6.24 -35.14	95.16 5.29 -29.72	82.59 5.94 0.00	80.82 5.54 0.00	81.02 5.22 0.00	81.15 5.29 0.00	61.63 3.82 0.00
RAVENSWOOD_GT3_4 24251	28.32 1.42 0.00	34.71 1.56 0.00	37.80 1.65 0.00	34.05 1.47 0.00	39.96 1.50 0.00	41.87 1.83 0.00	46.49 2.61 0.00	54.24 3.40 0.00	42.07 2.67 0.00	35.07 2.40 0.00	79.30 3.65 -27.72	54.66 4.06 0.00	57.17 3.98 -5.00	58.24 4.16 -4.52	94.47 3.12 -46.77	96.14 6.14 -3.90	122.79 6.86 -30.39	113.79 6.24 -35.14	95.16 5.29 -29.72	82.59 5.94 0.00	80.82 5.54 0.00	81.02 5.22 0.00	81.15 5.29 0.00	61.63 3.82 0.00
RAVENSWOOD_GT_1 23729	28.33 1.44 0.00	34.74 1.59 0.00	37.84 1.69 0.00	34.09 1.51 0.00	39.97 1.51 0.00	41.90 1.86 0.00	46.52 2.64 0.00	54.32 3.48 0.00	42.12 2.72 0.00	35.13 2.46 0.00	79.38 3.73 -27.72	54.76 4.15 0.00	57.25 4.07 -5.00	58.32 4.24 -4.52	94.50 3.15 -46.77	96.22 6.23 -3.90	122.88 6.95 -30.39	113.89 6.34 -35.14	95.24 5.37 -29.72	82.71 6.06 0.00	80.88 5.60 0.00	81.05 5.26 0.00	81.20 5.34 0.00	61.68 3.87 0.00
RAVENSWOOD_GT_10 24258	28.28 1.38 0.00	34.66 1.51 0.00	37.75 1.60 0.00	34.01 1.43 0.00	39.91 1.45 0.00	41.82 1.78 0.00	46.41 2.53 0.00	54.16 3.33 0.00	41.99 2.60 0.00	35.01 2.34 0.00	79.21 3.56 -27.72	54.58 3.98 0.00	57.09 3.91 -5.00	58.16 4.08 -4.52	94.40 3.05 -46.77	96.01 6.02 -3.90	122.62 6.69 -30.39	113.66 6.11 -35.14	95.05 5.18 -29.72	82.45 5.80 0.00	80.69 5.41 0.00	80.90 5.10 0.00	81.02 5.17 0.00	61.55 3.74 0.00
RAVENSWOOD_GT_11 24259	28.28 1.38 0.00	34.66 1.51 0.00	37.75 1.60 0.00	34.01 1.43 0.00	39.91 1.45 0.00	41.82 1.78 0.00	46.41 2.53 0.00	54.16 3.33 0.00	41.99 2.60 0.00	35.01 2.34 0.00	79.21 3.56 -27.72	54.58 3.98 0.00	57.09 3.91 -5.00	58.16 4.08 -4.52	94.40 3.05 -46.77	96.01 6.02 -3.90	122.62 6.69 -30.39	113.66 6.11 -35.14	95.05 5.18 -29.72	82.45 5.80 0.00	80.69 5.41 0.00	80.90 5.10 0.00	81.02 5.17 0.00	61.55 3.74 0.00
RAVENSWOOD_GT_4 24252	28.28 1.39 0.00	34.66 1.51 0.00	37.75 1.60 0.00	34.01 1.43 0.00	39.92 1.46 0.00	41.82 1.78 0.00	46.42 2.53 0.00	54.16 3.32 0.00	41.99 2.60 0.00	35.01 2.34 0.00	79.21 3.56 -27.72	54.56 3.96 0.00	57.09 3.91 -5.00	58.15 4.07 -4.52	94.40 3.05 -46.77	96.01 6.02 -3.90	122.62 6.69 -30.39	113.65 6.10 -35.14	95.05 5.17 -29.72	82.44 5.79 0.00	80.69 5.41 0.00	80.90 5.10 0.00	81.02 5.17 0.00	61.55 3.75 0.00
RAVENSWOOD_GT_5 24254	28.28 1.39 0.00	34.66 1.51 0.00	37.75 1.60 0.00	34.01 1.43 0.00	39.92 1.46 0.00	41.82 1.78 0.00	46.42 2.53 0.00	54.16 3.32 0.00	41.99 2.60 0.00	35.01 2.34 0.00	79.21 3.56 -27.72	54.56 3.96 0.00	57.09 3.91 -5.00	58.15 4.07 -4.52	94.40 3.05 -46.77	96.01 6.02 -3.90	122.62 6.69 -30.39	113.65 6.10 -35.14	95.05 5.17 -29.72	82.44 5.79 0.00	80.69 5.41 0.00	80.90 5.10 0.00	81.02 5.17 0.00	61.55 3.75 0.00
RAVENSWOOD_GT_6 24253	28.28 1.39 0.00	34.66 1.51 0.00	37.75 1.60 0.00	34.01 1.43 0.00	39.92 1.46 0.00	41.82 1.78 0.00	46.42 2.53 0.00	54.16 3.32 0.00	41.99 2.60 0.00	35.01 2.34 0.00	79.21 3.56 -27.72	54.56 3.96 0.00	57.09 3.91 -5.00	58.15 4.07 -4.52	94.40 3.05 -46.77	96.01 6.02 -3.90	122.62 6.69 -30.39	113.65 6.10 -35.14	95.05 5.17 -29.72	82.44 5.79 0.00	80.69 5.41 0.00	80.90 5.10 0.00	81.02 5.17 0.00	61.55 3.75 0.00
RAVENSWOOD_GT_7 24255	28.28 1.39 0.00	34.66 1.51 0.00	37.75 1.60 0.00	34.01 1.43 0.00	39.92 1.46 0.00	41.82 1.78 0.00	46.42 2.53 0.00	54.16 3.32 0.00	41.99 2.60 0.00	35.01 2.34 0.00	79.21 3.56 -27.72	54.56 3.96 0.00	57.09 3.91 -5.00	58.15 4.07 -4.52	94.40 3.05 -46.77	96.01 6.02 -3.90	122.62 6.69 -30.39	113.65 6.10 -35.14	95.05 5.17 -29.72	82.44 5.79 0.00	80.69 5.41 0.00	80.90 5.10 0.00	81.02 5.17 0.00	61.55 3.75 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	28.28 1.38 0.00	34.66 1.51 0.00	37.75 1.60 0.00	34.01 1.43 0.00	39.91 1.45 0.00	41.82 1.78 0.00	46.41 2.53 0.00	54.16 3.33 0.00	41.99 2.60 0.00	35.01 2.34 0.00	79.21 3.56 -27.72	54.58 3.98 0.00	57.09 3.91 -5.00	58.16 4.08 -4.52	94.40 3.05 -46.77	96.01 6.02 -3.90	122.62 6.69 -30.39	113.66 6.11 -35.14	95.05 5.18 -29.72	82.45 5.80 0.00	80.69 5.41 0.00	80.90 5.10 0.00	81.02 5.17 0.00	61.55 3.74 0.00

RAVENSWOOD_GT_9 24257	28.28 1.38 0.00	34.66 1.51 0.00	37.75 1.60 0.00	34.01 1.43 0.00	39.91 1.45 0.00	41.82 1.78 0.00	46.41 2.53 0.00	54.16 3.33 0.00	41.99 2.60 0.00	35.01 2.34 0.00	79.21 3.56 -27.72	54.58 3.98 0.00	57.09 3.91 -5.00	58.16 4.08 -4.52	94.40 3.05 -46.77	96.01 6.02 -3.90	122.62 6.69 -30.39	113.66 6.11 -35.14	95.05 5.18 -29.72	82.45 5.80 0.00	80.69 5.41 0.00	80.90 5.10 0.00	81.02 5.17 0.00	61.55 3.74 0.00
RAVENSWOOD___1 23533	28.28 1.39 0.00	34.68 1.53 0.00	37.76 1.61 0.00	34.03 1.44 0.00	39.91 1.45 0.00	41.82 1.78 0.00	46.43 2.55 0.00	54.22 3.38 0.00	42.04 2.64 0.00	35.06 2.39 0.00	79.28 3.63 -27.72	54.65 4.04 0.00	57.15 3.97 -5.00	58.25 4.17 -4.52	94.42 3.07 -46.77	96.05 6.05 -3.90	122.71 6.78 -30.39	113.74 6.19 -35.14	95.12 5.25 -29.72	82.56 5.91 0.00	80.74 5.46 0.00	80.92 5.12 0.00	81.08 5.22 0.00	61.57 3.76 0.00
RAVENSWOOD___2 23534	28.28 1.39 0.00	34.68 1.53 0.00	37.76 1.61 0.00	34.03 1.44 0.00	39.91 1.45 0.00	41.82 1.78 0.00	46.43 2.55 0.00	54.22 3.38 0.00	42.04 2.64 0.00	35.06 2.39 0.00	79.28 3.63 -27.72	54.65 4.04 0.00	57.15 3.97 -5.00	58.25 4.17 -4.52	94.42 3.07 -46.77	96.05 6.05 -3.90	122.71 6.78 -30.39	113.74 6.19 -35.14	95.12 5.25 -29.72	82.56 5.91 0.00	80.74 5.46 0.00	80.92 5.12 0.00	81.08 5.22 0.00	61.57 3.76 0.00
RAVENSWOOD___3 23535	28.28 1.38 0.00	34.66 1.51 0.00	37.75 1.60 0.00	34.01 1.43 0.00	39.91 1.45 0.00	41.82 1.78 0.00	46.41 2.53 0.00	54.17 3.33 0.00	42.00 2.60 0.00	35.01 2.35 0.00	79.22 3.57 -27.72	54.59 3.98 0.00	57.11 3.92 -5.00	58.20 4.12 -4.52	94.39 3.04 -46.77	96.02 6.02 -3.90	122.64 6.70 -30.39	113.67 6.12 -35.14	95.05 5.18 -29.72	82.47 5.82 0.00	80.72 5.44 0.00	80.90 5.10 0.00	81.03 5.17 0.00	61.55 3.74 0.00
RAVENSWOOD___4 23820	28.28 1.39 0.00	34.68 1.53 0.00	37.76 1.61 0.00	34.03 1.44 0.00	39.91 1.45 0.00	41.82 1.78 0.00	46.43 2.55 0.00	54.22 3.38 0.00	42.04 2.64 0.00	35.06 2.39 0.00	79.28 3.63 -27.72	54.65 4.04 0.00	57.15 3.97 -5.00	58.25 4.17 -4.52	94.42 3.07 -46.77	96.05 6.05 -3.90	122.71 6.78 -30.39	113.74 6.19 -35.14	95.12 5.25 -29.72	82.56 5.91 0.00	80.74 5.46 0.00	80.92 5.12 0.00	81.08 5.22 0.00	61.57 3.76 0.00
RCPI_TRUST___DRP 24196	28.29 1.40 0.00	34.68 1.53 0.00	37.77 1.62 0.00	34.03 1.44 0.00	39.94 1.48 0.00	41.85 1.80 0.00	46.46 2.58 0.00	54.23 3.39 0.00	42.04 2.64 0.00	35.06 2.39 0.00	79.33 3.63 -27.77	54.66 4.06 0.00	57.18 3.99 -5.01	58.25 4.16 -4.53	94.55 3.12 -46.85	96.16 6.16 -3.90	122.82 6.84 -30.44	113.82 6.22 -35.19	95.21 5.29 -29.77	82.54 5.89 0.00	80.80 5.52 0.00	81.00 5.20 0.00	81.12 5.27 0.00	61.62 3.81 0.00
RED___ROCHESTER 323720	26.35 -0.55 0.00	32.46 -0.68 0.00	35.44 -0.72 0.00	32.02 -0.57 0.00	37.99 -0.47 0.00	39.51 -0.53 0.00	42.91 -0.98 0.00	49.09 -1.75 0.00	38.31 -1.08 0.00	32.02 -0.65 0.00	46.19 -1.74 0.00	48.74 -1.87 0.00	46.49 -1.76 -0.06	48.76 -1.61 -0.81	43.01 -1.26 0.31	84.17 -2.12 -0.19	82.24 -2.09 1.21	69.51 -1.70 1.20	58.75 -1.40 0.00	74.31 -2.33 0.00	72.69 -2.59 0.00	73.00 -2.79 0.00	73.61 -2.24 0.00	56.15 -1.66 0.00
REGAN___SOLAR 323812	28.34 1.45 0.00	34.96 1.81 0.00	38.14 1.99 0.00	34.37 1.79 0.00	40.66 2.21 0.00	42.43 2.39 0.00	46.70 2.82 0.00	54.33 3.49 0.00	41.74 2.34 0.00	34.38 1.71 0.00	54.51 2.25 -4.34	52.96 2.36 0.00	51.42 2.47 -0.77	52.90 2.77 -0.57	54.59 2.60 -7.40	92.27 5.60 -0.57	96.92 6.33 -5.04	83.97 5.68 -5.88	69.97 4.77 -5.05	82.46 5.81 0.00	80.91 5.63 0.00	81.24 5.44 0.00	81.21 5.35 0.00	61.68 3.87 0.00
RENSSELAER___COGEN 23796	27.25 0.35 0.00	33.61 0.46 0.00	36.61 0.45 0.00	32.96 0.37 0.00	38.86 0.40 0.00	40.57 0.52 0.00	44.61 0.73 0.00	51.90 1.06 0.00	40.05 0.65 0.00	33.20 0.53 0.00	55.20 1.23 -6.05	52.11 1.51 0.00	50.79 1.51 -1.10	52.16 1.55 -1.05	56.24 1.29 -10.37	89.08 2.05 -0.92	95.02 2.49 -6.99	82.91 2.40 -8.10	69.07 2.09 -6.83	78.89 2.24 0.00	77.46 2.18 0.00	77.83 2.04 0.00	77.85 1.99 0.00	59.44 1.63 0.00
REPUBLIC_115KV_BARTNBRK 55605	29.70 2.81 0.00	36.57 3.42 0.00	39.69 3.54 0.00	35.84 3.25 0.00	42.56 4.10 0.00	45.06 5.02 0.00	49.78 5.89 0.00	58.82 7.98 0.00	45.12 5.72 0.00	36.70 4.03 0.00	59.41 5.65 -5.84	56.75 6.14 0.00	55.42 6.18 -1.06	56.59 6.01 -1.01	60.32 5.69 -10.06	99.10 12.11 -0.89	106.07 13.74 -6.78	92.41 12.14 -7.86	76.87 10.07 -6.65	87.88 11.23 0.00	85.80 10.52 0.00	86.09 10.29 0.00	85.92 10.06 0.00	65.16 7.35 0.00
REVERE_CPPR_DRP 24186	27.45 0.56 0.00	33.88 0.73 0.00	37.03 0.87 0.00	33.26 0.68 0.00	39.31 0.85 0.00	40.97 0.92 0.00	45.18 1.30 0.00	52.34 1.51 0.00	40.65 1.26 0.00	33.77 1.10 0.00	53.20 1.72 -3.56	56.55 1.92 -4.03	53.82 1.75 -3.90	55.41 1.89 -3.96	50.01 1.74 -3.69	95.52 3.42 -6.00	94.98 3.50 -5.94	80.96 3.35 -5.19	67.37 2.70 -4.51	81.83 3.43 -1.74	82.11 3.54 -3.30	79.68 3.50 -0.39	79.38 3.53 0.00	60.34 2.53 0.00
REYNOLDS_115KV_TB3 80639	27.49 0.59 0.00	33.91 0.76 0.00	36.93 0.78 0.00	33.24 0.65 0.00	39.19 0.73 0.00	40.96 0.91 0.00	45.01 1.13 0.00	52.40 1.57 0.00	40.44 1.04 0.00	33.49 0.82 0.00	55.69 1.51 -6.26	52.38 1.78 0.00	51.15 1.84 -1.13	52.46 1.82 -1.08	56.90 1.58 -10.75	89.74 2.69 -0.95	95.87 3.09 -7.24	83.73 2.93 -8.39	69.79 2.55 -7.09	79.47 2.82 0.00	78.04 2.76 0.00	78.44 2.64 0.00	78.46 2.61 0.00	59.85 2.04 0.00
RIVERBAY____ 323610	28.42 1.52 0.00	34.88 1.74 0.00	37.88 1.73 0.00	34.13 1.55 0.00	39.99 1.53 0.00	42.00 1.96 0.00	46.69 2.81 0.00	54.54 3.70 0.00	42.29 2.90 0.00	35.26 2.59 0.00	79.43 3.78 -27.72	54.68 4.07 0.00	57.11 3.93 -5.00	58.17 4.09 -4.52	94.38 3.03 -46.77	95.89 5.89 -3.90	122.79 6.86 -30.39	113.80 6.25 -35.14	95.14 5.27 -29.72	82.70 6.05 0.00	80.83 5.54 0.00	81.08 5.28 0.00	81.27 5.41 0.00	61.63 3.82 0.00
RIVERSDE_115KV_TB3 55908	27.36 0.47 0.00	33.75 0.61 0.00	36.76 0.61 0.00	33.09 0.51 0.00	39.03 0.56 0.00	40.77 0.72 0.00	44.84 0.96 0.00	52.18 1.35 0.00	40.29 0.89 0.00	33.40 0.73 0.00	55.50 1.50 -6.07	52.41 1.80 0.00	51.09 1.81 -1.10	52.44 1.83 -1.05	56.58 1.58 -10.42	89.66 2.63 -0.93	95.63 3.05 -7.04	83.44 2.89 -8.14	69.53 2.50 -6.88	79.38 2.73 0.00	77.96 2.67 0.00	78.32 2.52 0.00	78.32 2.47 0.00	59.77 1.96 0.00
ROARING___BROOK_WT_PWR 323790	26.27 -0.62 0.00	32.41 -0.74 0.00	35.43 -0.72 0.00	31.77 -0.82 0.00	37.49 -0.97 0.00	39.16 -0.89 0.00	42.83 -1.06 0.00	49.40 -1.43 0.00	38.34 -1.06 0.00	31.82 -0.84 0.00	44.99 -1.13 1.81	47.47 -1.10 2.05	44.89 -1.31 1.98	46.13 -1.42 2.01	41.45 -1.24 1.88	80.84 -2.20 3.06	80.33 -2.19 3.02	68.01 -1.76 2.64	56.40 -1.45 2.30	74.49 -1.27 0.89	72.79 -0.81 1.68	75.05 -0.55 0.20	75.44 -0.42 0.00	57.59 -0.22 0.00

ROCHESRG_115KV_T4 355643	26.07 -0.83 0.00	32.11 -1.03 0.00	35.06 -1.09 0.00	31.69 -0.90 0.00	37.59 -0.87 0.00	39.07 -0.97 0.00	42.36 -1.52 0.00	48.25 -2.45 0.14	37.78 -1.62 0.00	31.56 -1.10 0.00	45.54 -2.39 0.00	48.05 -2.56 0.00	45.89 -2.37 -0.08	48.50 -2.10 -1.04	42.51 -1.82 0.24	83.04 -3.37 -0.31	80.94 -3.41 1.20	68.37 -2.85 1.19	57.78 -2.37 0.00	73.14 -3.51 0.00	71.60 -3.68 0.00	71.93 -3.87 0.00	72.58 -3.27 0.00	55.44 -2.37 0.00
ROCHESTER_9_IC 23652	26.21 -0.68 0.00	32.31 -0.84 0.00	35.26 -0.89 0.00	31.87 -0.72 0.00	37.81 -0.65 0.00	39.31 -0.73 0.00	42.66 -1.22 0.00	48.75 -2.08 0.00	38.06 -1.34 0.00	31.81 -0.86 0.00	45.87 -2.05 0.00	48.42 -2.20 0.00	46.19 -2.06 -0.06	48.62 -1.75 -0.81	42.78 -1.49 0.31	83.56 -2.73 -0.19	81.61 -2.72 1.21	68.97 -2.24 1.20	58.28 -1.87 0.00	73.75 -2.90 0.00	72.18 -3.10 0.00	72.49 -3.31 0.00	73.11 -2.75 0.00	55.81 -2.00 0.00
ROCKVIEW_13_KV_LD 356306	28.29 1.40 0.00	34.70 1.55 0.00	37.80 1.65 0.00	34.05 1.47 0.00	39.99 1.54 0.00	41.91 1.87 0.00	46.49 2.61 0.00	54.23 3.40 0.00	41.99 2.59 0.00	34.97 2.30 0.00	79.23 3.54 -27.76	54.54 3.93 0.00	57.05 3.86 -5.01	58.12 4.03 -4.52	94.51 3.10 -46.83	96.08 6.08 -3.90	122.80 6.83 -30.43	113.85 6.26 -35.18	95.28 5.37 -29.75	82.67 6.02 0.00	80.96 5.68 0.00	81.15 5.35 0.00	81.21 5.35 0.00	61.67 3.85 0.00
ROME____115KV_TB2 80656	27.45 0.56 0.00	33.88 0.73 0.00	37.03 0.87 0.00	33.26 0.68 0.00	39.31 0.85 0.00	40.97 0.92 0.00	45.18 1.30 0.00	52.34 1.51 0.00	40.65 1.26 0.00	33.77 1.10 0.00	53.20 1.72 -3.56	56.55 1.92 -4.03	53.82 1.75 -3.90	55.41 1.89 -3.96	50.01 1.74 -3.69	95.52 3.42 -6.00	94.98 3.50 -5.94	80.96 3.35 -5.19	67.37 2.70 -4.51	81.83 3.43 -1.74	82.11 3.54 -3.30	79.68 3.50 -0.39	79.38 3.53 0.00	60.34 2.53 0.00
ROSETON___1 23587	27.74 0.85 0.00	34.04 0.89 0.00	37.09 0.94 0.00	33.44 0.86 0.00	39.31 0.86 0.00	41.16 1.12 0.00	45.55 1.67 0.00	53.02 2.19 0.00	41.05 1.65 0.00	34.16 1.49 0.00	13.85 2.19 36.27	53.02 2.41 0.00	43.98 2.39 6.58	45.57 2.52 6.51	-16.15 1.88 62.60	84.11 3.69 5.68	47.76 4.36 42.14	27.81 4.17 48.78	21.90 3.64 41.88	81.43 4.79 0.00	79.77 4.49 0.00	79.99 4.19 0.00	80.10 4.25 0.00	60.86 3.05 0.00
ROSETON___2 23588	27.74 0.85 0.00	34.04 0.89 0.00	37.09 0.94 0.00	33.44 0.86 0.00	39.31 0.86 0.00	41.16 1.12 0.00	45.55 1.67 0.00	53.02 2.19 0.00	41.05 1.65 0.00	34.16 1.49 0.00	13.85 2.19 36.27	53.02 2.41 0.00	43.98 2.39 6.58	45.57 2.52 6.51	-16.15 1.88 62.60	84.11 3.69 5.68	47.76 4.36 42.14	27.81 4.17 48.78	21.90 3.64 41.88	81.43 4.79 0.00	79.77 4.49 0.00	79.99 4.19 0.00	80.10 4.25 0.00	60.86 3.05 0.00
ROTRDAM_115KV_TB3 80664	27.56 0.67 0.00	34.00 0.85 0.00	37.04 0.89 0.00	33.37 0.78 0.00	39.36 0.90 0.00	41.05 1.01 0.00	45.16 1.28 0.00	52.52 1.68 0.00	40.57 1.18 0.00	33.59 0.91 0.00	54.62 1.39 -5.31	52.13 1.52 0.00	50.73 1.59 -0.96	52.17 1.69 -0.92	55.15 1.43 -9.14	89.72 2.80 -0.81	94.86 3.15 -6.17	82.46 2.90 -7.15	68.70 2.49 -6.05	79.49 2.84 0.00	78.04 2.76 0.00	78.44 2.64 0.00	78.48 2.63 0.00	59.74 1.93 0.00
RUSSELL___1 23602	26.35 -0.55 0.00	32.46 -0.68 0.00	35.44 -0.72 0.00	32.02 -0.57 0.00	37.98 -0.48 0.00	39.52 -0.53 0.00	42.91 -0.98 0.00	49.08 -1.76 0.00	38.32 -1.08 0.00	32.02 -0.65 0.00	46.18 -1.75 0.00	48.74 -1.86 0.00	46.47 -1.77 -0.06	48.93 -1.45 -0.81	43.05 -1.21 0.31	84.16 -2.13 -0.19	82.20 -2.13 1.21	69.50 -1.72 1.20	58.75 -1.41 0.00	74.32 -2.33 0.00	72.71 -2.57 0.00	73.01 -2.79 0.00	73.61 -2.24 0.00	56.15 -1.66 0.00
RUSSELL___2 23532	26.35 -0.55 0.00	32.46 -0.68 0.00	35.44 -0.72 0.00	32.02 -0.57 0.00	37.98 -0.48 0.00	39.52 -0.53 0.00	42.91 -0.98 0.00	49.08 -1.76 0.00	38.32 -1.08 0.00	32.02 -0.65 0.00	46.18 -1.75 0.00	48.74 -1.86 0.00	46.47 -1.77 -0.06	48.93 -1.45 -0.81	43.05 -1.21 0.31	84.16 -2.13 -0.19	82.20 -2.13 1.21	69.50 -1.72 1.20	58.75 -1.41 0.00	74.32 -2.33 0.00	72.71 -2.57 0.00	73.01 -2.79 0.00	73.61 -2.24 0.00	56.15 -1.66 0.00
RUSSELL___3 23549	26.35 -0.55 0.00	32.46 -0.68 0.00	35.44 -0.72 0.00	32.02 -0.57 0.00	37.98 -0.48 0.00	39.52 -0.53 0.00	42.91 -0.98 0.00	49.08 -1.76 0.00	38.32 -1.08 0.00	32.02 -0.65 0.00	46.18 -1.75 0.00	48.74 -1.86 0.00	46.47 -1.77 -0.06	48.93 -1.45 -0.81	43.05 -1.21 0.31	84.16 -2.13 -0.19	82.20 -2.13 1.21	69.50 -1.72 1.20	58.75 -1.41 0.00	74.32 -2.33 0.00	72.71 -2.57 0.00	73.01 -2.79 0.00	73.61 -2.24 0.00	56.15 -1.66 0.00
RUSSELL___4 23556	26.35 -0.55 0.00	32.46 -0.68 0.00	35.44 -0.72 0.00	32.02 -0.57 0.00	37.98 -0.48 0.00	39.52 -0.53 0.00	42.91 -0.98 0.00	49.08 -1.76 0.00	38.32 -1.08 0.00	32.02 -0.65 0.00	46.18 -1.75 0.00	48.74 -1.86 0.00	46.47 -1.77 -0.06	48.93 -1.45 -0.81	43.05 -1.21 0.31	84.16 -2.13 -0.19	82.20 -2.13 1.21	69.50 -1.72 1.20	58.75 -1.41 0.00	74.32 -2.33 0.00	72.71 -2.57 0.00	73.01 -2.79 0.00	73.61 -2.24 0.00	56.15 -1.66 0.00
RUSSELL___STATION 23914	26.35 -0.55 0.00	32.46 -0.68 0.00	35.44 -0.72 0.00	32.02 -0.57 0.00	37.98 -0.48 0.00	39.52 -0.53 0.00	42.91 -0.98 0.00	49.08 -1.76 0.00	38.32 -1.08 0.00	32.02 -0.65 0.00	46.18 -1.75 0.00	48.74 -1.86 0.00	46.47 -1.77 -0.06	48.93 -1.45 -0.81	43.05 -1.21 0.31	84.16 -2.13 -0.19	82.20 -2.13 1.21	69.50 -1.72 1.20	58.75 -1.41 0.00	74.32 -2.33 0.00	72.71 -2.57 0.00	73.01 -2.79 0.00	73.61 -2.24 0.00	56.15 -1.66 0.00
S SALMON___HYD 24043	26.05 -0.85 0.00	32.10 -1.05 0.00	35.20 -0.95 0.00	31.59 -1.00 0.00	37.24 -1.22 0.00	38.71 -1.33 0.00	42.31 -1.57 0.00	49.01 -1.83 0.00	38.10 -1.30 0.00	31.71 -0.96 0.00	50.77 -1.61 -4.45	53.97 -1.67 -5.04	51.59 -1.46 -4.87	53.08 -1.42 -4.94	48.01 -1.16 -4.60	91.39 -2.19 -7.48	90.60 -2.34 -7.40	77.43 -1.45 -6.47	64.48 -1.30 -5.62	77.39 -1.44 -2.17	78.08 -1.31 -4.11	75.04 -1.24 -0.48	74.94 -0.91 0.00	57.08 -0.73 0.00
S.PERRY__115KV_TB1 80734	26.68 -0.21 0.00	32.85 -0.29 0.00	35.82 -0.33 0.00	32.35 -0.23 0.00	38.42 -0.04 0.00	40.01 -0.04 0.00	43.62 -0.26 0.00	53.50 -0.91 -3.58	38.96 -0.53 -0.09	31.98 -0.70 -0.01	52.69 -2.72 -7.48	47.49 -3.56 -0.44	44.90 -3.12 0.16	44.16 -2.77 2.62	40.58 -2.53 1.47	80.35 -4.30 1.45	80.70 -3.05 1.80	68.53 -1.83 2.05	57.50 -1.11 1.54	74.58 -2.07 0.00	72.99 -2.30 0.00	73.15 -2.65 0.00	73.72 -2.13 0.00	56.42 -1.39 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	25.75 -1.14 0.00	31.79 -1.35 0.00	34.73 -1.42 0.00	31.42 -1.17 0.00	37.36 -1.09 0.00	38.71 -1.33 0.00	41.53 -2.35 0.00	45.74 -4.03 1.08	36.61 -2.76 0.03	30.73 -1.94 0.00	41.57 -4.05 2.30	46.24 -4.22 0.15	43.67 -3.87 0.64	35.73 -3.59 10.25	38.03 -3.17 3.38	75.21 -5.95 4.94	77.91 -6.04 1.60	65.42 -5.17 1.82	54.55 -4.23 1.38	70.60 -6.05 0.00	69.08 -6.20 0.00	69.48 -6.32 0.00	70.77 -5.09 0.00	54.33 -3.49 0.00

SAWYER___23_KV_LOAD 55526	25.75 -1.14 0.00	31.79 -1.35 0.00	34.73 -1.42 0.00	31.42 -1.17 0.00	37.36 -1.09 0.00	38.71 -1.33 0.00	41.53 -2.35 0.00	45.74 -4.03 1.08	36.61 -2.76 0.03	30.73 -1.94 0.00	41.57 -4.05 2.30	46.24 -4.22 0.15	43.67 -3.87 0.64	35.73 -3.59 10.25	38.03 -3.17 3.38	75.21 -5.95 4.94	77.91 -6.04 1.60	65.42 -5.17 1.82	54.55 -4.23 1.38	70.60 -6.05 0.00	69.08 -6.20 0.00	69.48 -6.32 0.00	70.77 -5.09 0.00	54.33 -3.49 0.00
SELKIRK___I 23801	27.48 0.59 0.00	33.93 0.79 0.00	37.00 0.84 0.00	33.31 0.72 0.00	39.28 0.82 0.00	40.95 0.90 0.00	45.00 1.12 0.00	52.28 1.45 0.00	40.32 0.92 0.00	33.31 0.64 0.00	54.52 1.24 -5.36	52.22 1.61 0.00	50.67 1.52 -0.97	51.98 1.50 -0.92	54.91 1.42 -8.91	89.47 2.58 -0.79	94.51 2.96 -6.00	82.11 2.75 -6.95	68.35 2.36 -5.83	79.22 2.57 0.00	77.81 2.53 0.00	78.21 2.42 0.00	78.27 2.42 0.00	59.74 1.93 0.00
SELKIRK___II 23799	27.34 0.45 0.00	33.73 0.59 0.00	36.75 0.60 0.00	33.10 0.51 0.00	39.02 0.56 0.00	40.69 0.65 0.00	44.75 0.86 0.00	52.04 1.21 0.00	40.19 0.79 0.00	33.31 0.65 0.00	55.06 1.26 -5.87	52.11 1.51 0.00	50.74 1.50 -1.06	52.11 1.53 -1.01	55.89 1.31 -10.01	89.25 2.26 -0.89	94.93 2.63 -6.75	82.72 2.50 -7.81	68.93 2.18 -6.59	79.00 2.35 0.00	77.58 2.30 0.00	77.97 2.18 0.00	78.01 2.15 0.00	59.50 1.69 0.00
SENECA OSWGO___HYD 24041	26.27 -0.62 0.00	32.34 -0.81 0.00	35.27 -0.88 0.00	31.78 -0.80 0.00	37.52 -0.94 0.00	39.03 -1.02 0.00	42.68 -1.20 0.00	49.38 -1.46 0.00	38.32 -1.08 0.00	31.86 -0.81 0.00	46.35 -1.58 0.00	48.93 -1.68 0.00	46.65 -1.53 0.00	48.09 -1.47 0.00	43.29 -1.29 0.00	83.71 -2.39 0.00	83.38 -2.17 0.00	70.74 -1.67 0.00	58.83 -1.32 0.00	74.77 -1.89 0.00	73.39 -1.90 0.00	73.74 -2.06 0.00	73.81 -2.04 0.00	56.19 -1.62 0.00
SENECA___115KV_TB3 355854	26.11 -0.78 0.00	32.24 -0.90 0.00	35.21 -0.94 0.00	31.82 -0.76 0.00	37.84 -0.62 0.00	39.22 -0.83 0.00	42.17 -1.71 0.00	46.50 -3.21 1.12	37.18 -2.18 0.03	31.19 -1.47 0.00	42.16 -3.36 2.41	47.03 -3.44 0.14	44.52 -3.08 0.58	37.47 -2.75 9.34	38.96 -2.46 3.17	77.04 -4.56 4.50	79.26 -4.61 1.67	66.67 -3.83 1.90	55.65 -3.07 1.44	72.09 -4.56 0.00	70.56 -4.71 0.00	70.95 -4.85 0.00	72.18 -3.67 0.00	55.36 -2.45 0.00
SENECA___ENERGY 23797	26.48 -0.41 0.00	32.56 -0.59 0.00	35.52 -0.63 0.00	32.09 -0.50 0.00	37.99 -0.47 0.00	39.53 -0.52 0.00	43.29 -0.59 0.00	50.04 -1.04 -0.24	38.75 -0.65 -0.01	32.25 -0.42 0.00	47.13 -1.30 -0.50	49.17 -1.46 -0.03	47.01 -1.17 0.00	48.37 -1.15 0.05	43.08 -0.94 0.56	84.58 -1.36 0.17	83.20 -1.07 1.28	70.31 -0.57 1.53	58.64 -0.39 1.12	75.86 -0.78 0.00	74.40 -0.88 0.00	74.60 -1.20 0.00	74.83 -1.03 0.00	57.01 -0.80 0.00
SHOEMAKER___GT 23640	27.73 0.83 0.00	34.06 0.91 0.00	37.10 0.95 0.00	33.45 0.86 0.00	39.34 0.89 0.00	41.16 1.11 0.00	45.52 1.63 0.00	52.97 2.13 0.00	40.98 1.58 0.00	34.08 1.41 0.00	14.76 2.01 35.18	52.78 2.18 0.00	43.94 2.31 6.39	45.54 2.31 6.33	-14.49 1.75 60.82	84.12 3.55 5.53	48.82 4.24 40.96	29.07 4.07 47.42	22.96 3.54 40.73	80.74 4.09 0.00	79.08 3.80 0.00	79.33 3.54 0.00	79.40 3.55 0.00	60.32 2.51 0.00
SHOEMAKR_138KV_BK 111 55601	27.73 0.83 0.00	34.04 0.89 0.00	37.10 0.94 0.00	33.44 0.86 0.00	39.33 0.87 0.00	41.16 1.11 0.00	45.51 1.63 0.00	52.96 2.13 0.00	40.98 1.59 0.00	34.09 1.42 0.00	15.25 2.04 34.72	52.83 2.22 0.00	44.07 2.19 6.30	45.63 2.32 6.25	-13.66 1.77 60.01	84.21 3.57 5.46	49.37 4.24 40.41	29.70 4.07 46.78	23.50 3.53 40.19	80.70 4.05 0.00	79.06 3.78 0.00	79.30 3.50 0.00	79.39 3.53 0.00	60.30 2.49 0.00
SHOREHAM_IC_1 23715	28.69 1.79 0.00	34.96 1.81 0.00	38.01 1.86 0.00	34.26 1.67 0.00	40.33 1.87 0.00	42.48 2.44 0.00	47.11 3.22 0.00	55.12 4.29 0.00	42.07 2.67 0.00	34.99 2.32 0.00	79.45 3.85 -27.68	54.65 4.04 0.00	57.13 3.95 -4.99	58.24 4.17 -4.51	93.79 2.52 -46.70	95.76 5.77 -3.89	124.02 8.13 -30.34	115.25 7.75 -35.09	96.84 7.01 -29.68	84.99 8.34 0.00	83.14 7.85 0.00	83.02 7.22 0.00	82.96 7.11 0.00	62.74 4.93 0.00
SHOREHAM_IC_2 23716	28.69 1.79 0.00	34.96 1.81 0.00	38.01 1.86 0.00	34.26 1.67 0.00	40.33 1.87 0.00	42.48 2.44 0.00	47.11 3.22 0.00	55.12 4.29 0.00	42.07 2.67 0.00	34.99 2.32 0.00	79.45 3.85 -27.68	54.65 4.04 0.00	57.13 3.95 -4.99	58.24 4.17 -4.51	93.79 2.52 -46.70	95.76 5.77 -3.89	124.02 8.13 -30.34	115.25 7.75 -35.09	96.84 7.01 -29.68	84.99 8.34 0.00	83.14 7.85 0.00	83.02 7.22 0.00	82.96 7.11 0.00	62.74 4.93 0.00
SISSONVILLE____ 23735	26.02 -1.81 -0.94	32.71 -2.14 -1.70	35.02 -2.05 -0.92	31.21 -2.05 -0.68	36.20 -2.26 0.00	36.34 -3.71 0.00	39.50 -4.38 0.00	45.97 -4.86 0.00	36.35 -3.05 0.00	30.38 -2.29 0.00	87.90 -1.48 -41.45	95.13 -2.42 -46.94	91.19 -2.36 -45.37	93.19 -2.52 -46.15	85.75 -1.91 -43.09	153.07 -3.09 -70.06	149.26 -5.59 -69.31	128.29 -4.80 -60.68	108.19 -4.67 -52.71	91.91 -5.10 -20.36	110.45 -3.33 -38.50	77.53 -2.79 -4.53	77.13 1.28 0.00	59.42 1.62 0.00
SITHE_IND_GS1 24169	26.05 -0.84 0.00	32.06 -1.09 0.00	34.95 -1.20 0.00	31.52 -1.06 0.00	37.21 -1.25 0.00	38.65 -1.39 0.00	42.19 -1.69 0.00	48.77 -2.06 0.00	37.86 -1.54 0.00	31.50 -1.17 0.00	45.91 -2.02 0.00	48.47 -2.14 0.00	46.22 -1.97 -0.01	47.63 -1.97 -0.03	42.85 -1.73 0.00	82.82 -3.28 0.00	82.39 -3.15 0.00	69.86 -2.55 0.00	58.07 -2.08 0.00	73.84 -2.81 0.00	72.50 -2.78 0.00	72.87 -2.93 0.00	73.04 -2.81 0.00	55.63 -2.18 0.00
SITHE_IND_GS2 24170	26.05 -0.84 0.00	32.06 -1.09 0.00	34.95 -1.20 0.00	31.52 -1.06 0.00	37.21 -1.25 0.00	38.65 -1.39 0.00	42.19 -1.69 0.00	48.77 -2.06 0.00	37.86 -1.54 0.00	31.50 -1.17 0.00	45.91 -2.02 0.00	48.47 -2.14 0.00	46.22 -1.97 -0.01	47.63 -1.97 -0.03	42.85 -1.73 0.00	82.82 -3.28 0.00	82.39 -3.15 0.00	69.86 -2.55 0.00	58.07 -2.08 0.00	73.84 -2.81 0.00	72.50 -2.78 0.00	72.87 -2.93 0.00	73.04 -2.81 0.00	55.63 -2.18 0.00
SITHE_IND_GS3 24171	26.05 -0.84 0.00	32.06 -1.09 0.00	34.95 -1.20 0.00	31.52 -1.06 0.00	37.21 -1.25 0.00	38.65 -1.39 0.00	42.19 -1.69 0.00	48.77 -2.06 0.00	37.86 -1.54 0.00	31.50 -1.17 0.00	45.91 -2.02 0.00	48.47 -2.14 0.00	46.22 -1.97 -0.01	47.63 -1.97 -0.03	42.85 -1.73 0.00	82.82 -3.28 0.00	82.39 -3.15 0.00	69.86 -2.55 0.00	58.07 -2.08 0.00	73.84 -2.81 0.00	72.50 -2.78 0.00	72.87 -2.93 0.00	73.04 -2.81 0.00	55.63 -2.18 0.00
SITHE_IND_GS4 24172	26.05 -0.84 0.00	32.06 -1.09 0.00	34.95 -1.20 0.00	31.52 -1.06 0.00	37.21 -1.25 0.00	38.65 -1.39 0.00	42.19 -1.69 0.00	48.77 -2.06 0.00	37.86 -1.54 0.00	31.50 -1.17 0.00	45.91 -2.02 0.00	48.47 -2.14 0.00	46.22 -1.97 -0.01	47.63 -1.97 -0.03	42.85 -1.73 0.00	82.82 -3.28 0.00	82.39 -3.15 0.00	69.86 -2.55 0.00	58.07 -2.08 0.00	73.84 -2.81 0.00	72.50 -2.78 0.00	72.87 -2.93 0.00	73.04 -2.81 0.00	55.63 -2.18 0.00

SITHE___BATAVIA 24024	26.58 -0.32 0.00	32.77 -0.38 0.00	35.79 -0.36 0.00	32.37 -0.21 0.00	38.50 0.04 0.00	40.02 -0.03 0.00	43.21 -0.67 0.00	48.53 -1.75 0.55	38.44 -0.94 0.02	32.19 -0.47 0.00	44.90 -1.79 1.24	48.52 -2.02 0.07	45.97 -1.90 0.31	42.49 -1.93 5.14	41.30 -1.36 1.91	81.46 -2.24 2.40	82.30 -1.84 1.40	69.38 -1.43 1.60	57.78 -1.16 1.20	74.19 -2.46 0.00	72.48 -2.80 0.00	72.68 -3.12 0.00	73.53 -2.32 0.00	56.16 -1.65 0.00
SITHE___INDEPEND 23800	26.05 -0.84 0.00	32.06 -1.09 0.00	34.95 -1.20 0.00	31.52 -1.06 0.00	37.21 -1.25 0.00	38.65 -1.39 0.00	42.19 -1.69 0.00	48.78 -2.06 0.00	37.86 -1.54 0.00	31.50 -1.17 0.00	45.90 -2.03 0.00	48.47 -2.14 0.00	46.22 -1.98 -0.01	47.65 -1.94 -0.03	42.86 -1.72 0.00	82.82 -3.28 0.00	82.39 -3.16 0.00	69.85 -2.56 0.00	58.07 -2.08 0.00	73.84 -2.81 0.00	72.50 -2.79 0.00	72.87 -2.92 0.00	73.04 -2.82 0.00	55.63 -2.18 0.00
SITHE___MASSENA 23902	26.94 0.04 0.00	33.23 0.08 0.00	36.31 0.15 0.00	32.76 0.17 0.00	38.75 0.29 0.00	40.31 0.27 0.00	43.97 0.09 0.00	50.77 -0.06 0.00	39.44 0.04 0.00	32.64 -0.03 0.00	44.08 0.14 3.99	46.11 0.02 4.52	43.70 -0.11 4.37	44.85 -0.27 4.44	40.40 -0.03 4.15	79.28 -0.08 6.75	78.42 -0.45 6.67	65.76 -0.80 5.84	54.24 -0.84 5.08	74.05 -0.64 1.96	70.94 -0.64 3.71	74.95 -0.41 0.44	75.72 -0.13 0.00	57.90 0.09 0.00
SITHE___OGDNSBRG 24021	26.95 -0.89 -0.94	33.87 -0.98 -1.70	36.23 -0.84 -0.92	32.31 -0.95 -0.68	37.56 -0.90 0.00	37.77 -2.27 0.00	41.28 -2.60 0.00	48.16 -2.67 0.00	38.02 -1.37 0.00	31.71 -0.96 0.00	89.68 0.31 -41.45	96.43 -1.12 -46.94	92.24 -1.31 -45.37	94.45 -1.27 -46.15	86.82 -0.85 -43.09	155.90 -0.27 -70.06	152.99 -1.86 -69.31	131.77 -1.32 -60.68	111.01 -1.85 -52.71	95.51 -1.49 -20.36	113.88 0.09 -38.50	80.89 0.57 -4.53	80.46 4.61 0.00	61.83 4.02 0.00
SITHE___STERLING 23777	27.37 0.47 0.00	33.76 0.62 0.00	36.86 0.70 0.00	33.19 0.60 0.00	39.24 0.78 0.00	40.88 0.83 0.00	45.04 1.16 0.00	52.16 1.32 0.00	40.46 1.06 0.00	33.58 0.92 0.00	51.62 1.32 -2.38	54.81 1.51 -2.70	52.18 1.39 -2.60	53.78 1.57 -2.64	48.43 1.39 -2.47	92.88 2.77 -4.01	92.32 2.81 -3.97	78.46 2.58 -3.47	65.30 2.13 -3.01	80.38 2.57 -1.16	80.08 2.60 -2.20	78.57 2.52 -0.26	78.33 2.48 0.00	59.57 1.76 0.00
SLEIGHT__34_KV_TB1 80719	26.32 -0.57 0.00	32.40 -0.75 0.00	35.37 -0.78 0.00	31.96 -0.62 0.00	37.87 -0.59 0.00	39.42 -0.63 0.00	43.01 -0.87 0.00	49.42 -1.42 0.00	38.49 -0.91 0.00	32.11 -0.56 0.00	46.43 -1.49 0.00	49.01 -1.60 0.00	46.79 -1.44 -0.05	49.01 -1.23 -0.68	43.22 -1.04 0.32	84.49 -1.78 -0.16	82.73 -1.64 1.17	69.99 -1.23 1.18	59.08 -1.07 0.00	74.94 -1.71 0.00	73.42 -1.86 0.00	73.68 -2.12 0.00	74.05 -1.81 0.00	56.42 -1.39 0.00
SOUTH CAIRO___GT 23612	28.38 1.49 0.00	35.03 1.88 0.00	38.16 2.00 0.00	34.38 1.80 0.00	40.63 2.17 0.00	42.54 2.50 0.00	46.98 3.10 0.00	54.76 3.93 0.00	42.20 2.80 0.00	34.51 1.84 0.00	54.59 2.98 -3.68	53.99 3.38 0.00	51.79 2.95 -0.66	53.17 2.99 -0.61	53.12 3.28 -5.26	93.38 6.81 -0.47	97.09 8.01 -3.54	83.85 7.35 -4.09	69.60 6.13 -3.31	83.62 6.96 0.00	81.99 6.71 0.00	82.26 6.46 0.00	82.03 6.17 0.00	62.48 4.67 0.00
SOUTH HAMPTN___IC 23720	28.54 1.64 0.00	34.79 1.64 0.00	37.82 1.67 0.00	34.10 1.51 0.00	40.17 1.71 0.00	42.35 2.31 0.00	46.99 3.11 0.00	55.02 4.19 0.00	41.97 2.57 0.00	34.88 2.21 0.00	79.31 3.71 -27.68	54.49 3.89 0.00	56.96 3.79 -4.99	58.12 4.04 -4.51	93.89 2.62 -46.70	95.94 5.95 -3.89	123.96 8.07 -30.34	115.24 7.75 -35.09	96.84 7.01 -29.68	85.00 8.35 0.00	83.14 7.86 0.00	83.02 7.23 0.00	83.01 7.16 0.00	62.86 5.05 0.00
SOUTHDOW_115KV_TB1 355954	26.25 -0.65 0.00	32.38 -0.76 0.00	35.35 -0.80 0.00	31.95 -0.64 0.00	38.04 -0.42 0.00	39.56 -0.48 0.00	42.81 -1.07 0.00	48.07 -2.12 0.65	38.02 -1.37 0.02	31.90 -0.77 0.00	44.32 -2.20 1.41	48.69 -2.12 -0.20	45.78 -1.87 0.53	39.67 -1.51 8.39	40.11 -1.48 2.99	79.16 -2.84 4.10	80.88 -2.85 1.81	68.51 -1.85 2.06	57.21 -1.39 1.55	74.08 -2.57 0.00	72.70 -2.58 0.00	73.13 -2.67 0.00	74.22 -1.63 0.00	56.65 -1.17 0.00
SOUTHOLD_69_KV_BK 2 55809	28.16 1.27 0.00	34.35 1.20 0.00	37.32 1.17 0.00	33.65 1.07 0.00	39.71 1.25 0.00	41.94 1.90 0.00	46.63 2.75 0.00	54.65 3.82 0.00	41.65 2.25 0.00	34.58 1.92 0.00	78.82 3.22 -27.68	53.95 3.34 0.00	56.43 3.26 -4.99	57.56 3.49 -4.51	92.76 1.49 -46.70	94.09 4.10 -3.89	123.51 7.62 -30.34	114.96 7.47 -35.09	96.61 6.78 -29.68	84.71 8.06 0.00	82.80 7.52 0.00	82.66 6.86 0.00	82.80 6.94 0.00	62.83 5.03 0.00
SOUTHOLD___IC 23719	28.16 1.27 0.00	34.35 1.20 0.00	37.32 1.17 0.00	33.65 1.07 0.00	39.71 1.25 0.00	41.94 1.90 0.00	46.64 2.76 0.00	54.65 3.82 0.00	41.65 2.25 0.00	34.58 1.92 0.00	78.82 3.22 -27.68	53.96 3.35 0.00	56.43 3.26 -4.99	57.61 3.53 -4.51	92.75 1.48 -46.70	94.09 4.10 -3.89	123.50 7.62 -30.34	114.97 7.47 -35.09	96.61 6.78 -29.68	84.71 8.06 0.00	82.81 7.53 0.00	82.66 6.86 0.00	82.79 6.94 0.00	62.83 5.02 0.00
SOUTH_FORK_WT_PWR 323839	27.70 0.80 0.00	33.78 0.63 0.00	36.68 0.53 0.00	33.08 0.50 0.00	39.06 0.60 0.00	41.29 1.24 0.00	45.93 2.05 0.00	53.85 3.01 0.00	41.03 1.63 0.00	34.06 1.39 0.00	78.06 2.46 -27.68	53.15 2.54 0.00	55.66 2.48 -4.99	56.80 2.73 -4.51	92.38 1.11 -46.70	93.29 3.30 -3.89	122.13 6.24 -30.34	113.82 6.33 -35.09	95.66 5.83 -29.68	83.49 6.84 0.00	81.63 6.35 0.00	81.52 5.72 0.00	81.73 5.88 0.00	62.16 4.36 0.00
SPIERFLS_115KV_TB 1 80737	28.68 1.79 0.00	35.32 2.17 0.00	38.42 2.27 0.00	34.62 2.04 0.00	40.99 2.53 0.00	43.09 3.04 0.00	47.53 3.65 0.00	55.67 4.83 0.00	42.91 3.51 0.00	35.20 2.54 0.00	57.51 3.78 -5.80	54.57 3.97 0.00	53.20 3.97 -1.05	54.63 4.06 -1.00	58.25 3.68 -9.99	94.55 7.55 -0.89	100.72 8.43 -6.74	87.73 7.51 -7.81	73.07 6.31 -6.61	84.07 7.42 0.00	82.36 7.08 0.00	82.60 6.81 0.00	82.50 6.64 0.00	62.62 4.81 0.00
ST LAWRENCE____ 23600	26.71 -0.18 0.00	32.95 -0.20 0.00	36.00 -0.15 0.00	32.47 -0.12 0.00	38.40 -0.06 0.00	39.96 -0.08 0.00	43.58 -0.30 0.00	50.33 -0.50 0.00	39.09 -0.30 0.00	32.33 -0.33 0.00	43.61 -0.33 3.99	45.64 -0.45 4.52	43.25 -0.56 4.37	44.38 -0.74 4.44	39.97 -0.46 4.15	78.45 -0.90 6.75	77.54 -1.33 6.67	65.02 -1.54 5.84	53.63 -1.45 5.08	73.28 -1.40 1.96	70.22 -1.35 3.71	74.24 -1.12 0.44	75.01 -0.84 0.00	57.34 -0.47 0.00
STATE_CA_115KV_115_LB 55624	27.36 0.47 0.00	33.74 0.60 0.00	36.75 0.60 0.00	33.10 0.51 0.00	39.03 0.57 0.00	40.78 0.73 0.00	44.86 0.98 0.00	52.20 1.37 0.00	40.30 0.91 0.00	33.43 0.76 0.00	55.42 1.60 -5.90	52.52 1.92 0.00	51.14 1.89 -1.07	52.52 1.94 -1.02	56.38 1.69 -10.12	89.82 2.82 -0.90	95.65 3.26 -6.84	83.38 3.06 -7.91	69.46 2.62 -6.68	79.54 2.89 0.00	78.07 2.79 0.00	78.43 2.63 0.00	78.42 2.57 0.00	59.83 2.02 0.00

STATE_ST_34_KV_LOAD 55959	26.89 -0.01 0.00	33.04 -0.11 0.00	36.04 -0.11 0.00	32.63 0.04 0.00	38.57 0.11 0.00	40.11 0.07 0.00	43.96 0.07 0.00	50.77 -0.07 0.00	39.42 0.02 0.00	32.79 0.12 0.00	47.43 -0.50 0.00	50.07 -0.53 0.00	47.80 -0.38 0.00	49.24 -0.28 0.05	43.81 -0.23 0.54	85.74 -0.20 0.16	84.64 0.34 1.24	71.53 0.64 1.53	59.52 0.47 1.10	77.18 0.52 0.00	75.68 0.40 0.00	75.95 0.16 0.00	76.12 0.26 0.00	57.93 0.12 0.00
STATION 5_MISC_HYD 23604	26.22 -0.68 0.00	32.31 -0.84 0.00	35.26 -0.89 0.00	31.87 -0.72 0.00	37.81 -0.64 0.00	39.31 -0.73 0.00	42.66 -1.22 0.00	48.76 -2.08 0.00	38.06 -1.34 0.00	31.81 -0.86 0.00	45.89 -2.03 0.00	48.40 -2.21 0.00	46.20 -2.04 -0.06	48.45 -1.92 -0.81	42.73 -1.54 0.31	83.58 -2.71 -0.19	81.63 -2.70 1.21	68.97 -2.25 1.20	58.31 -1.85 0.00	73.75 -2.90 0.00	72.16 -3.13 0.00	72.49 -3.31 0.00	73.11 -2.74 0.00	55.81 -2.00 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	26.56 -0.34 0.00	32.72 -0.43 0.00	35.70 -0.45 0.00	32.26 -0.33 0.00	38.25 -0.20 0.00	39.82 -0.22 0.00	43.46 -0.42 0.00	49.88 -0.96 0.00	38.86 -0.53 0.00	32.41 -0.26 0.00	46.82 -1.10 0.00	49.42 -1.19 0.00	47.18 -1.04 -0.04	49.19 -0.81 -0.44	43.54 -0.63 0.41	85.23 -0.91 -0.04	83.49 -0.84 1.21	70.67 -0.53 1.21	59.75 -0.41 0.00	75.68 -0.97 0.00	74.13 -1.15 0.00	74.38 -1.42 0.00	74.76 -1.09 0.00	56.98 -0.83 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	26.11 -0.79 0.00	32.16 -0.99 0.00	35.11 -1.05 0.00	31.72 -0.87 0.00	37.63 -0.83 0.00	39.12 -0.92 0.00	42.49 -1.39 0.00	48.61 -2.23 0.00	37.94 -1.46 0.00	31.69 -0.97 0.00	45.75 -2.17 0.00	48.29 -2.32 0.00	46.07 -2.17 -0.06	48.39 -1.89 -0.72	42.63 -1.62 0.33	83.30 -2.95 -0.15	81.37 -2.98 1.20	68.76 -2.46 1.19	58.12 -2.03 0.00	73.56 -3.10 0.00	71.99 -3.28 0.00	72.31 -3.49 0.00	72.87 -2.99 0.00	55.59 -2.22 0.00
STA_56___34_KV_BUS2 355983	26.11 -0.79 0.00	32.16 -0.99 0.00	35.11 -1.05 0.00	31.72 -0.87 0.00	37.63 -0.83 0.00	39.12 -0.92 0.00	42.49 -1.39 0.00	48.61 -2.23 0.00	37.94 -1.46 0.00	31.69 -0.97 0.00	45.75 -2.17 0.00	48.29 -2.32 0.00	46.07 -2.17 -0.06	48.39 -1.89 -0.72	42.63 -1.62 0.33	83.30 -2.95 -0.15	81.37 -2.98 1.20	68.76 -2.46 1.19	58.12 -2.03 0.00	73.56 -3.10 0.00	71.99 -3.28 0.00	72.31 -3.49 0.00	72.87 -2.99 0.00	55.59 -2.22 0.00
STA_67___115KV_BK2 355882	26.16 -0.74 0.00	32.23 -0.92 0.00	35.18 -0.97 0.00	31.79 -0.79 0.00	37.72 -0.74 0.00	39.21 -0.83 0.00	42.54 -1.34 0.00	48.62 -2.22 0.00	37.94 -1.46 0.00	31.71 -0.95 0.00	45.73 -2.19 0.00	48.26 -2.35 0.00	46.07 -2.18 -0.06	48.51 -1.90 -0.84	42.65 -1.62 0.30	83.33 -2.98 -0.21	81.34 -2.99 1.21	68.72 -2.49 1.19	58.08 -2.08 0.00	73.51 -3.14 0.00	71.95 -3.33 0.00	72.27 -3.53 0.00	72.89 -2.97 0.00	55.65 -2.16 0.00
STA_7___115KV_9TRANS 80674	26.35 -0.55 0.00	32.46 -0.68 0.00	35.44 -0.72 0.00	32.02 -0.57 0.00	37.98 -0.48 0.00	39.52 -0.53 0.00	42.91 -0.98 0.00	49.08 -1.76 0.00	38.32 -1.08 0.00	32.02 -0.65 0.00	46.18 -1.75 0.00	48.74 -1.86 0.00	46.47 -1.77 -0.06	48.93 -1.45 -0.81	43.05 -1.21 0.31	84.16 -2.13 -0.19	82.20 -2.13 1.21	69.50 -1.72 1.20	58.75 -1.41 0.00	74.32 -2.33 0.00	72.71 -2.57 0.00	73.01 -2.79 0.00	73.61 -2.24 0.00	56.15 -1.66 0.00
STA_82___115KV_TB1 80780	26.16 -0.73 0.00	32.25 -0.90 0.00	35.19 -0.96 0.00	31.80 -0.78 0.00	37.74 -0.72 0.00	39.23 -0.81 0.00	42.56 -1.32 0.00	48.64 -2.20 0.00	37.97 -1.42 0.00	31.73 -0.94 0.00	45.76 -2.16 0.00	48.29 -2.32 0.00	46.06 -2.17 -0.05	48.34 -1.88 -0.65	42.60 -1.62 0.36	83.26 -2.94 -0.10	81.38 -2.95 1.22	68.75 -2.46 1.20	58.11 -2.04 0.00	73.56 -3.10 0.00	71.98 -3.30 0.00	72.30 -3.49 0.00	72.94 -2.92 0.00	55.68 -2.13 0.00
STEEL___WIND 323596	26.06 -0.84 0.00	32.20 -0.95 0.00	35.15 -1.00 0.00	31.76 -0.82 0.00	37.78 -0.68 0.00	39.14 -0.90 0.00	42.10 -1.78 0.00	46.39 -3.32 1.12	37.13 -2.24 0.03	31.13 -1.53 0.00	42.07 -3.44 2.41	46.92 -3.55 0.14	44.46 -3.14 0.58	37.12 -3.10 9.34	38.76 -2.65 3.17	76.85 -4.75 4.50	79.07 -4.80 1.67	66.53 -3.98 1.90	55.56 -3.16 1.44	71.97 -4.68 0.00	70.39 -4.89 0.00	70.79 -5.01 0.00	72.07 -3.79 0.00	55.26 -2.55 0.00
STEPHTWN_115KV_BK_2 55603	27.59 0.70 0.00	34.01 0.86 0.00	37.01 0.86 0.00	33.32 0.73 0.00	39.34 0.88 0.00	41.13 1.09 0.00	45.39 1.51 0.00	52.73 1.89 0.00	40.60 1.21 0.00	33.67 1.00 0.00	55.93 1.95 -6.05	52.84 2.24 0.00	51.38 2.11 -1.10	52.81 2.20 -1.05	56.94 1.99 -10.37	90.37 3.35 -0.92	96.55 4.02 -6.99	84.39 3.88 -8.10	70.22 3.23 -6.83	80.47 3.82 0.00	78.84 3.56 0.00	79.17 3.37 0.00	79.15 3.30 0.00	60.26 2.45 0.00
STEUBEN_REC_LFGE 323667	25.28 -1.62 0.00	31.20 -1.95 0.00	33.89 -2.26 0.00	30.62 -1.96 0.00	36.38 -2.08 0.00	37.72 -2.33 0.00	41.06 -2.82 0.00	49.38 -3.91 -2.45	36.58 -2.88 -0.06	30.25 -2.43 -0.01	48.38 -4.65 -5.11	46.20 -4.72 -0.32	43.61 -4.32 0.25	41.76 -3.94 3.86	38.97 -3.58 2.02	77.95 -6.07 2.07	78.27 -4.94 2.34	66.69 -3.07 2.65	56.28 -1.88 2.00	74.04 -2.61 0.00	72.78 -2.51 0.00	72.92 -2.88 0.00	73.93 -1.92 0.00	56.72 -1.09 0.00
STILLWATER___SOLAR 323814	28.41 1.52 0.00	35.02 1.87 0.00	38.10 1.95 0.00	34.31 1.72 0.00	40.56 2.10 0.00	42.56 2.52 0.00	46.91 3.03 0.00	54.74 3.90 0.00	42.17 2.77 0.00	34.68 2.02 0.00	56.99 3.06 -6.00	53.87 3.27 0.00	52.62 3.35 -1.09	54.08 3.48 -1.04	58.00 3.09 -10.34	93.34 6.32 -0.92	99.44 6.92 -6.97	86.71 6.22 -8.08	72.21 5.23 -6.83	82.82 6.17 0.00	81.24 5.96 0.00	81.52 5.72 0.00	81.46 5.61 0.00	61.91 4.10 0.00
STONY___BROOK 24151	28.70 1.81 0.00	34.99 1.84 0.00	38.05 1.90 0.00	34.29 1.71 0.00	40.33 1.87 0.00	42.44 2.39 0.00	47.05 3.17 0.00	55.04 4.20 0.00	41.86 2.46 0.00	34.89 2.22 0.00	79.61 4.01 -27.68	54.87 4.26 0.00	57.39 4.21 -4.99	58.62 4.55 -4.51	94.66 3.39 -46.70	97.00 7.01 -3.89	124.27 8.38 -30.34	115.06 7.57 -35.09	96.84 7.01 -29.68	85.13 8.48 0.00	83.32 8.04 0.00	83.25 7.45 0.00	83.22 7.36 0.00	62.91 5.10 0.00
STURGEON_POOL_HYD 23609	28.67 1.78 0.00	35.14 1.99 0.00	38.26 2.11 0.00	34.49 1.91 0.00	40.54 2.09 0.00	42.54 2.50 0.00	47.26 3.38 0.00	55.20 4.37 0.00	42.76 3.36 0.00	35.55 2.88 0.00	49.68 4.34 2.58	55.15 4.55 0.00	51.98 4.29 0.48	53.36 4.57 0.77	39.95 3.77 8.40	93.07 7.83 0.86	88.79 8.90 5.66	74.06 8.24 6.60	61.06 6.97 6.07	84.61 7.96 0.00	82.74 7.46 0.00	82.88 7.08 0.00	82.86 7.00 0.00	62.79 4.98 0.00
ST_LAW_115_BK7_LBMP 345037	26.71 -0.18 0.00	32.95 -0.20 0.00	36.00 -0.15 0.00	32.47 -0.11 0.00	38.41 -0.05 0.00	39.96 -0.08 0.00	43.58 -0.30 0.00	50.33 -0.50 0.00	39.09 -0.30 0.00	32.33 -0.33 0.00	43.61 -0.33 3.99	45.64 -0.45 4.52	43.26 -0.56 4.37	44.38 -0.74 4.44	39.97 -0.45 4.15	78.46 -0.90 6.75	77.53 -1.34 6.67	65.02 -1.54 5.84	53.62 -1.45 5.08	73.28 -1.40 1.96	70.21 -1.36 3.71	74.23 -1.13 0.44	75.00 -0.85 0.00	57.34 -0.47 0.00

ST_LAW_115_BK8_LBMP 345038	26.71 -0.18 0.00	32.95 -0.20 0.00	36.00 -0.15 0.00	32.47 -0.11 0.00	38.41 -0.05 0.00	39.96 -0.08 0.00	43.58 -0.30 0.00	50.33 -0.50 0.00	39.09 -0.30 0.00	32.33 -0.33 0.00	43.61 -0.33 3.99	45.64 -0.45 4.52	43.26 -0.56 4.37	44.38 -0.74 4.44	39.97 -0.45 4.15	78.46 -0.90 6.75	77.53 -1.34 6.67	65.02 -1.54 5.84	53.62 -1.45 5.08	73.28 -1.40 1.96	70.21 -1.36 3.71	74.23 -1.13 0.44	75.00 -0.85 0.00	57.34 -0.47 0.00
ST_LAW_230_BK5_LBMP 345035	26.71 -0.18 0.00	32.95 -0.20 0.00	36.00 -0.15 0.00	32.47 -0.12 0.00	38.40 -0.06 0.00	39.96 -0.08 0.00	43.58 -0.30 0.00	50.33 -0.50 0.00	39.09 -0.30 0.00	32.33 -0.33 0.00	43.61 -0.33 3.99	45.64 -0.45 4.52	43.25 -0.56 4.37	44.38 -0.74 4.44	39.97 -0.46 4.15	78.45 -0.90 6.75	77.54 -1.33 6.67	65.02 -1.54 5.84	53.63 -1.45 5.08	73.28 -1.40 1.96	70.22 -1.35 3.71	74.24 -1.12 0.44	75.01 -0.84 0.00	57.34 -0.47 0.00
ST_LAW_230_BK6_LBMP 345036	26.71 -0.18 0.00	32.95 -0.20 0.00	36.00 -0.15 0.00	32.47 -0.12 0.00	38.40 -0.06 0.00	39.96 -0.08 0.00	43.58 -0.30 0.00	50.33 -0.50 0.00	39.09 -0.30 0.00	32.33 -0.33 0.00	43.61 -0.33 3.99	45.64 -0.45 4.52	43.25 -0.56 4.37	44.38 -0.74 4.44	39.97 -0.46 4.15	78.45 -0.90 6.75	77.54 -1.33 6.67	65.02 -1.54 5.84	53.63 -1.45 5.08	73.28 -1.40 1.96	70.22 -1.35 3.71	74.24 -1.12 0.44	75.01 -0.84 0.00	57.34 -0.47 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	27.83 0.94 0.00	34.15 1.00 0.00	37.21 1.06 0.00	33.55 0.96 0.00	39.43 0.97 0.00	41.31 1.26 0.00	45.72 1.84 0.00	53.23 2.39 0.00	41.21 1.81 0.00	34.30 1.63 0.00	13.61 2.40 36.72	53.26 2.65 0.00	44.11 2.60 6.67	45.70 2.73 6.59	-16.86 2.06 63.50	84.42 4.09 5.77	47.52 4.78 42.80	27.40 4.53 49.53	21.53 3.90 42.52	81.07 4.42 0.00	79.39 4.11 0.00	79.63 3.83 0.00	79.70 3.84 0.00	60.52 2.71 0.00
SWANROAD_115KV_TB1 355699	25.21 -1.68 0.00	31.14 -2.01 0.00	34.03 -2.12 0.00	30.79 -1.79 0.00	36.61 -1.85 0.00	37.93 -2.11 0.00	40.51 -3.37 0.00	44.74 -5.24 0.85	35.73 -3.65 0.02	30.01 -2.66 0.00	40.96 -5.06 1.90	44.95 -5.54 0.11	42.42 -5.17 0.59	35.01 -5.02 9.53	37.07 -4.37 3.14	73.32 -8.29 4.50	75.96 -8.04 1.54	63.84 -6.81 1.76	53.24 -5.58 1.32	68.41 -8.24 0.00	66.92 -8.36 0.00	67.28 -8.52 0.00	68.72 -7.14 0.00	52.89 -4.92 0.00
SYNERGY___BIOGAS 323694	26.58 -0.32 0.00	32.77 -0.38 0.00	35.79 -0.36 0.00	32.37 -0.21 0.00	38.50 0.04 0.00	40.02 -0.03 0.00	43.21 -0.67 0.00	48.53 -1.75 0.55	38.44 -0.94 0.02	32.19 -0.47 0.00	44.90 -1.79 1.24	48.52 -2.02 0.07	45.97 -1.90 0.31	42.49 -1.93 5.14	41.30 -1.36 1.91	81.46 -2.24 2.40	82.30 -1.84 1.40	69.38 -1.43 1.60	57.78 -1.16 1.20	74.19 -2.46 0.00	72.48 -2.80 0.00	72.68 -3.12 0.00	73.53 -2.32 0.00	56.16 -1.65 0.00
SYRACUSE___ENERGY_ST1 323597	26.72 -0.17 0.00	32.87 -0.28 0.00	35.84 -0.31 0.00	32.34 -0.25 0.00	38.20 -0.25 0.00	39.73 -0.32 0.00	43.51 -0.37 0.00	50.32 -0.52 0.00	39.02 -0.37 0.00	32.45 -0.22 0.00	47.21 -0.71 0.00	49.87 -0.73 0.00	47.58 -0.60 0.00	49.06 -0.51 0.00	44.13 -0.45 0.00	85.40 -0.69 0.00	85.06 -0.48 0.00	72.19 -0.21 0.00	60.04 -0.11 0.00	76.32 -0.33 0.00	74.89 -0.39 0.00	75.21 -0.59 0.00	75.32 -0.53 0.00	57.33 -0.48 0.00
SYRACUSE___ENERGY_ST2 323598	26.72 -0.17 0.00	32.87 -0.28 0.00	35.84 -0.31 0.00	32.34 -0.25 0.00	38.20 -0.25 0.00	39.73 -0.32 0.00	43.51 -0.37 0.00	50.32 -0.52 0.00	39.02 -0.37 0.00	32.45 -0.22 0.00	47.21 -0.71 0.00	49.87 -0.73 0.00	47.58 -0.60 0.00	49.06 -0.51 0.00	44.13 -0.45 0.00	85.40 -0.69 0.00	85.06 -0.48 0.00	72.19 -0.21 0.00	60.04 -0.11 0.00	76.32 -0.33 0.00	74.89 -0.39 0.00	75.21 -0.59 0.00	75.32 -0.53 0.00	57.33 -0.48 0.00
SYRACUSE___POWER 24017	26.71 -0.18 0.00	32.87 -0.28 0.00	35.84 -0.31 0.00	32.32 -0.26 0.00	38.17 -0.29 0.00	39.70 -0.34 0.00	43.50 -0.38 0.00	50.30 -0.54 0.00	39.04 -0.36 0.00	32.47 -0.20 0.00	47.29 -0.63 0.00	49.95 -0.66 0.00	47.68 -0.51 0.00	49.17 -0.39 0.00	44.25 -0.32 0.00	85.57 -0.53 0.00	85.03 -0.39 0.13	71.21 -0.14 1.06	60.12 -0.03 0.00	76.38 -0.27 0.00	74.97 -0.31 0.00	75.30 -0.50 0.00	75.39 -0.47 0.00	57.39 -0.42 0.00
TALLMAN___138KV_BK151 55660	27.94 1.05 0.00	34.24 1.10 0.00	37.31 1.16 0.00	33.64 1.05 0.00	39.52 1.06 0.00	41.43 1.38 0.00	45.91 2.03 0.00	53.47 2.64 0.00	41.38 1.98 0.00	34.46 1.80 0.00	3.61 2.66 46.98	53.57 2.96 0.00	42.57 2.91 8.52	44.22 3.04 8.38	-34.32 2.25 81.15	83.17 4.49 7.42	35.30 5.17 55.41	13.15 4.86 64.12	9.41 4.16 54.91	81.24 4.59 0.00	79.54 4.26 0.00	79.77 3.97 0.00	79.85 3.99 0.00	60.62 2.81 0.00
TEALLAVE_115KV_TB7 355573	26.56 -0.33 0.00	32.69 -0.46 0.00	35.65 -0.50 0.00	32.14 -0.44 0.00	37.97 -0.49 0.00	39.48 -0.57 0.00	43.22 -0.67 0.00	49.98 -0.86 0.00	38.80 -0.60 0.00	32.27 -0.39 0.00	47.02 -0.90 0.00	49.67 -0.93 0.00	47.39 -0.80 0.00	48.87 -0.70 0.00	43.98 -0.60 0.00	85.00 -1.11 0.00	84.58 -0.97 0.00	71.75 -0.66 0.00	59.67 -0.48 0.00	75.80 -0.85 0.00	74.39 -0.89 0.00	74.73 -1.07 0.00	74.82 -1.04 0.00	56.97 -0.85 0.00
TELGRAPH_34_KV_EAST 80808	26.03 -0.87 0.00	32.11 -1.04 0.00	35.07 -1.08 0.00	31.72 -0.86 0.00	37.72 -0.74 0.00	39.15 -0.89 0.00	42.08 -1.80 0.00	46.94 -3.21 0.69	37.30 -2.08 0.02	31.27 -1.40 0.00	43.14 -3.23 1.56	47.00 -3.51 0.09	44.44 -3.32 0.42	39.61 -3.08 6.88	39.59 -2.61 2.37	78.12 -4.83 3.15	79.54 -4.55 1.45	66.95 -3.80 1.66	55.80 -3.10 1.25	71.78 -4.87 0.00	70.21 -5.08 0.00	70.46 -5.33 0.00	71.52 -4.34 0.00	54.72 -3.09 0.00
TEMPLE___115KV_TB 2 55572	26.58 -0.31 0.00	32.70 -0.45 0.00	35.66 -0.49 0.00	32.16 -0.43 0.00	37.97 -0.49 0.00	39.50 -0.55 0.00	43.24 -0.65 0.00	50.00 -0.84 0.00	38.81 -0.59 0.00	32.29 -0.37 0.00	47.04 -0.88 0.00	49.68 -0.92 0.00	47.42 -0.76 0.00	48.91 -0.66 0.00	44.00 -0.58 0.00	85.04 -1.06 0.00	84.60 -0.95 0.00	71.80 -0.61 0.00	59.71 -0.44 0.00	75.85 -0.80 0.00	74.42 -0.86 0.00	74.76 -1.03 0.00	74.87 -0.99 0.00	57.00 -0.81 0.00
TIANA____69_KV_BK 1 55817	28.63 1.74 0.00	34.90 1.76 0.00	37.95 1.80 0.00	34.21 1.63 0.00	40.28 1.82 0.00	42.46 2.42 0.00	47.10 3.22 0.00	55.16 4.32 0.00	42.07 2.67 0.00	34.98 2.31 0.00	79.44 3.83 -27.68	54.63 4.03 0.00	57.10 3.92 -4.99	58.22 4.14 -4.51	94.07 2.79 -46.70	96.23 6.24 -3.89	124.17 8.28 -30.34	115.40 7.90 -35.09	96.97 7.14 -29.68	85.17 8.52 0.00	83.31 8.03 0.00	83.18 7.38 0.00	83.15 7.29 0.00	62.93 5.12 0.00
TILDEN___115KV_TB1 80814	26.71 -0.18 0.00	32.87 -0.28 0.00	35.84 -0.31 0.00	32.32 -0.26 0.00	38.17 -0.29 0.00	39.70 -0.34 0.00	43.50 -0.38 0.00	50.30 -0.54 0.00	39.04 -0.36 0.00	32.47 -0.20 0.00	47.29 -0.63 0.00	49.95 -0.66 0.00	47.68 -0.51 0.00	49.17 -0.39 0.00	44.25 -0.32 0.00	85.57 -0.53 0.00	85.03 -0.39 0.13	71.21 -0.14 1.06	60.12 -0.03 0.00	76.38 -0.27 0.00	74.97 -0.31 0.00	75.30 -0.50 0.00	75.39 -0.47 0.00	57.39 -0.42 0.00

TRIGEN___CC 323695	28.38 1.49 0.00	34.74 1.59 0.00	37.81 1.66 0.00	34.06 1.48 0.00	40.00 1.54 0.00	41.99 1.95 0.00	46.56 2.68 0.00	54.37 3.53 0.00	41.84 2.44 0.00	34.90 2.23 0.00	79.19 3.58 -27.68	54.58 3.97 0.00	57.08 3.91 -4.99	58.20 4.13 -4.51	94.33 3.06 -46.70	96.09 6.10 -3.89	122.91 7.02 -30.34	114.11 6.61 -35.09	95.61 5.78 -29.68	83.30 6.65 0.00	81.64 6.36 0.00	81.73 5.93 0.00	81.68 5.83 0.00	61.96 4.15 0.00
TRINITY___115KV___4 BK 55933	27.28 0.39 0.00	33.65 0.50 0.00	36.65 0.49 0.00	33.00 0.41 0.00	38.91 0.45 0.00	40.63 0.59 0.00	44.69 0.81 0.00	52.01 1.17 0.00	40.14 0.74 0.00	33.29 0.63 0.00	55.36 1.39 -6.04	52.28 1.67 0.00	50.97 1.70 -1.09	52.32 1.71 -1.04	56.41 1.47 -10.36	89.41 2.39 -0.92	95.35 2.82 -6.99	83.17 2.67 -8.09	69.30 2.32 -6.83	79.17 2.52 0.00	77.73 2.45 0.00	78.09 2.30 0.00	78.11 2.26 0.00	59.62 1.81 0.00
UNION___PROCESSING_DRP 323587	26.17 -0.72 0.00	32.25 -0.90 0.00	35.21 -0.95 0.00	31.82 -0.77 0.00	37.75 -0.71 0.00	39.23 -0.81 0.00	42.58 -1.30 0.00	48.64 -2.19 0.00	37.99 -1.41 0.00	31.74 -0.93 0.00	45.77 -2.15 0.00	48.30 -2.31 0.00	46.08 -2.15 -0.05	48.29 -1.87 -0.59	42.60 -1.60 0.38	83.26 -2.91 -0.07	81.41 -2.91 1.22	68.79 -2.42 1.20	58.13 -2.02 0.00	73.57 -3.08 0.00	72.00 -3.28 0.00	72.31 -3.48 0.00	72.94 -2.92 0.00	55.69 -2.12 0.00
UPPER HUDSON___HYD 24058	28.68 1.79 0.00	35.32 2.17 0.00	38.42 2.27 0.00	34.62 2.04 0.00	40.99 2.53 0.00	43.09 3.04 0.00	47.53 3.65 0.00	55.67 4.83 0.00	42.91 3.51 0.00	35.20 2.54 0.00	57.51 3.78 -5.80	54.58 3.98 0.00	53.20 3.97 -1.05	54.63 4.07 -1.00	58.24 3.67 -9.99	94.54 7.55 -0.89	100.72 8.44 -6.74	87.74 7.52 -7.81	73.07 6.31 -6.61	84.07 7.42 0.00	82.36 7.08 0.00	82.60 6.80 0.00	82.50 6.64 0.00	62.62 4.81 0.00
UPPER RAQUET___HYD 24056	26.02 -1.81 -0.94	32.71 -2.14 -1.70	35.02 -2.05 -0.92	31.21 -2.05 -0.68	36.20 -2.26 0.00	36.34 -3.71 0.00	39.51 -4.38 0.00	45.98 -4.86 0.00	36.35 -3.05 0.00	30.38 -2.29 0.00	87.89 -1.49 -41.45	95.13 -2.42 -46.94	91.19 -2.36 -45.37	93.19 -2.52 -46.15	85.77 -1.90 -43.09	153.06 -3.11 -70.06	149.26 -5.59 -69.31	128.29 -4.80 -60.68	108.20 -4.67 -52.71	91.91 -5.10 -20.36	110.45 -3.33 -38.50	77.53 -2.79 -4.53	77.13 1.28 0.00	59.43 1.62 0.00
VALLEY44_115KV_TB2 355964	26.99 0.09 0.00	33.29 0.14 0.00	36.40 0.25 0.00	32.94 0.36 0.00	39.09 0.63 0.00	40.54 0.50 0.00	43.84 -0.05 0.00	49.62 -0.73 0.48	38.85 -0.53 0.01	32.62 -0.05 0.00	45.87 -1.00 1.06	49.85 -0.76 0.00	47.11 -0.55 0.51	41.64 -0.03 7.90	41.09 -0.60 2.89	80.92 -1.29 3.89	81.99 -1.68 1.87	69.14 -1.14 2.13	57.73 -0.82 1.61	74.85 -1.80 0.00	73.34 -1.94 0.00	73.87 -1.93 0.00	74.83 -1.03 0.00	57.13 -0.68 0.00
VALLEY___115KV_TB 1-4 80826	26.61 -0.28 0.00	32.90 -0.25 0.00	35.79 -0.36 0.00	32.29 -0.30 0.00	38.30 -0.16 0.00	40.06 0.01 0.00	44.23 0.35 0.00	51.50 0.67 0.00	39.74 0.34 0.00	32.59 -0.07 0.00	47.92 -0.01 0.00	50.68 0.08 0.00	48.50 0.32 0.00	49.89 0.33 0.00	44.85 0.28 0.00	86.67 0.57 0.00	86.68 1.14 0.00	73.86 1.44 0.00	61.48 1.33 0.00	77.72 1.06 0.00	76.59 1.31 0.00	77.24 1.44 0.00	77.32 1.47 0.00	58.84 1.03 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	28.10 1.21 0.00	34.71 1.56 0.00	37.88 1.73 0.00	34.26 1.68 0.00	40.50 2.04 0.00	42.18 2.13 0.00	46.57 2.69 0.00	54.04 3.21 0.00	41.90 2.50 0.00	34.74 2.08 0.00	46.37 2.78 4.34	53.58 2.97 0.00	50.31 2.96 0.84	51.22 3.11 1.46	39.69 2.82 7.70	90.77 5.67 1.00	86.66 6.14 5.03	72.49 5.47 5.40	61.13 4.81 3.83	82.50 5.85 0.00	81.02 5.74 0.00	81.40 5.60 0.00	81.46 5.61 0.00	61.97 4.16 0.00
VISCHER___FERRY HYD 24020	27.86 0.97 0.00	34.36 1.22 0.00	37.40 1.25 0.00	33.66 1.08 0.00	39.73 1.27 0.00	41.62 1.57 0.00	45.82 1.94 0.00	53.39 2.56 0.00	41.18 1.78 0.00	34.00 1.33 0.00	56.34 2.10 -6.32	52.95 2.35 0.00	51.74 2.41 -1.14	53.08 2.43 -1.09	57.56 2.11 -10.87	91.16 4.10 -0.97	97.42 4.55 -7.33	85.10 4.20 -8.49	70.92 3.59 -7.18	80.75 4.10 0.00	79.31 4.03 0.00	79.70 3.90 0.00	79.71 3.86 0.00	60.68 2.87 0.00
V_A_10_SYNC_DSASP 323832	25.54 -1.36 0.00	31.52 -1.63 0.00	34.43 -1.72 0.00	31.14 -1.44 0.00	36.99 -1.46 0.00	38.37 -1.67 0.00	41.31 -2.58 0.00	46.27 -4.04 0.52	36.62 -2.76 0.01	30.71 -1.96 0.00	42.96 -3.86 1.11	46.43 -4.11 0.07	44.65 -3.81 -0.28	49.94 -3.75 -4.13	41.94 -3.18 -0.54	82.09 -5.91 -1.89	78.08 -6.10 1.36	65.59 -5.26 1.55	54.64 -4.34 1.17	70.48 -6.17 0.00	68.98 -6.30 0.00	69.38 -6.42 0.00	70.45 -5.40 0.00	53.99 -3.82 0.00
V_CMM_10_SYNC_DSASP 323787	26.82 -0.07 0.00	33.09 -0.05 0.00	36.16 0.00 0.00	32.62 0.03 0.00	38.58 0.12 0.00	40.14 0.10 0.00	43.79 -0.09 0.00	50.58 -0.26 0.00	39.28 -0.11 0.00	32.50 -0.17 0.00	43.86 -0.08 3.99	45.90 -0.19 4.52	43.50 -0.31 4.37	44.64 -0.49 4.44	40.22 -0.21 4.15	78.90 -0.45 6.75	78.01 -0.86 6.67	65.43 -1.13 5.84	53.96 -1.12 5.08	73.71 -0.98 1.96	70.62 -0.95 3.71	74.62 -0.74 0.44	75.39 -0.46 0.00	57.65 -0.16 0.00
V_CMP_10_SYNC_DSASP 323788	-0.54 -0.93 26.50	-15.88 -1.11 47.92	9.18 -1.09 25.88	12.53 -0.87 19.18	37.81 -0.65 0.00	39.43 -0.61 0.00	42.97 -0.91 0.00	49.50 -1.34 0.00	38.50 -0.90 0.00	31.53 -1.14 0.00	-15.55 -1.37 62.11	-21.34 -1.60 70.35	-21.33 -1.53 67.99	-21.42 -1.82 69.17	-21.41 -1.40 64.59	-21.43 -2.51 105.02	-21.35 -3.00 103.90	-21.38 -2.82 90.96	-21.40 -2.54 79.02	43.56 -2.59 30.50	15.40 -2.23 57.65	67.25 -1.77 6.78	76.08 0.22 0.00	58.43 0.62 0.00
V_D_10_SYNC_DSASP 323841	26.94 0.04 0.00	33.23 0.08 0.00	36.31 0.15 0.00	32.76 0.17 0.00	38.75 0.29 0.00	40.31 0.27 0.00	43.97 0.09 0.00	50.77 -0.06 0.00	39.44 0.04 0.00	32.64 -0.03 0.00	44.08 0.14 3.99	46.11 0.02 4.52	43.70 -0.11 4.37	44.85 -0.27 4.44	40.40 -0.03 4.15	79.28 -0.08 6.75	78.42 -0.45 6.67	65.76 -0.80 5.84	54.24 -0.84 5.08	74.05 -0.64 1.96	70.94 -0.64 3.71	74.95 -0.41 0.44	75.72 -0.13 0.00	57.90 0.09 0.00
V_E_10_SYNC_DSASP 323830	28.14 1.24 0.00	34.65 1.50 0.00	37.98 1.83 0.00	34.43 1.85 0.00	40.50 2.04 0.00	42.20 2.16 0.00	47.16 3.28 0.00	58.22 7.38 0.00	44.67 5.27 0.00	35.49 2.82 0.00	44.04 2.65 6.53	53.82 3.21 0.00	50.65 3.72 1.25	51.86 4.44 2.15	37.04 4.09 11.63	94.26 9.64 1.49	89.36 11.22 7.41	72.10 5.57 5.87	63.26 5.90 2.79	84.07 7.42 0.00	82.49 7.22 0.00	82.42 6.62 0.00	83.01 7.16 0.00	63.34 5.53 0.00
V_F_30_NSYNC___DSASP 323816	28.47 1.58 0.00	35.10 1.95 0.00	38.19 2.04 0.00	34.39 1.81 0.00	40.66 2.21 0.00	42.66 2.62 0.00	47.03 3.15 0.00	54.86 4.02 0.00	42.26 2.86 0.00	34.78 2.11 0.00	57.09 3.20 -5.96	54.03 3.42 0.00	52.77 3.51 -1.08	54.22 3.62 -1.03	58.07 3.22 -10.27	93.59 6.58 -0.91	99.62 7.16 -6.92	86.85 6.42 -8.02	72.35 5.41 -6.79	83.05 6.39 0.00	81.45 6.16 0.00	81.73 5.94 0.00	81.65 5.80 0.00	62.04 4.24 0.00

V_F_30_SYNC_DSASP 323786	27.36 0.47 0.00	33.74 0.60 0.00	36.75 0.60 0.00	33.10 0.51 0.00	39.03 0.57 0.00	40.78 0.73 0.00	44.86 0.98 0.00	52.20 1.36 0.00	40.30 0.90 0.00	33.43 0.76 0.00	55.42 1.59 -5.90	52.52 1.91 0.00	51.13 1.88 -1.07	52.52 1.94 -1.02	56.40 1.69 -10.14	89.82 2.82 -0.90	95.64 3.25 -6.85	83.38 3.05 -7.92	69.46 2.62 -6.69	79.54 2.89 0.00	78.06 2.78 0.00	78.42 2.62 0.00	78.41 2.55 0.00	59.83 2.02 0.00
V_XM_10_SYNC_DSASP 323789	-0.54 -0.93 26.50	-15.88 -1.11 47.92	9.18 -1.09 25.88	12.53 -0.87 19.18	37.81 -0.65 0.00	39.43 -0.61 0.00	42.97 -0.91 0.00	49.50 -1.34 0.00	38.50 -0.90 0.00	31.53 -1.14 0.00	-15.55 -1.37 62.11	-21.34 -1.60 70.35	-21.33 -1.53 67.99	-21.42 -1.82 69.17	-21.41 -1.40 64.59	-21.43 -2.51 105.02	-21.35 -3.00 103.90	-21.38 -2.82 90.96	-21.40 -2.54 79.02	43.56 -2.59 30.50	15.40 -2.23 57.65	67.25 -1.77 6.78	76.08 0.22 0.00	58.43 0.62 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	28.06 1.16 0.00	34.40 1.25 0.00	37.47 1.32 0.00	33.78 1.20 0.00	39.69 1.23 0.00	41.61 1.56 0.00	46.11 2.23 0.00	53.68 2.84 0.00	41.54 2.14 0.00	34.59 1.93 0.00	3.50 2.86 47.28	53.78 3.17 0.00	42.72 3.12 8.58	44.35 3.25 8.47	-34.99 2.44 82.01	83.37 4.84 7.57	34.57 5.56 56.53	12.17 5.17 65.41	8.56 4.42 56.01	81.56 4.91 0.00	79.84 4.56 0.00	80.04 4.24 0.00	80.13 4.27 0.00	60.81 3.00 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	28.30 1.41 0.00	34.68 1.53 0.00	37.77 1.62 0.00	34.04 1.46 0.00	39.94 1.48 0.00	41.86 1.82 0.00	46.46 2.58 0.00	54.24 3.40 0.00	42.07 2.67 0.00	35.07 2.40 0.00	79.35 3.65 -27.77	54.68 4.07 0.00	57.20 4.01 -5.01	58.28 4.19 -4.53	94.57 3.14 -46.85	96.19 6.19 -3.90	122.86 6.88 -30.44	113.87 6.27 -35.19	95.21 5.29 -29.77	82.56 5.91 0.00	80.82 5.54 0.00	81.02 5.22 0.00	81.13 5.28 0.00	61.62 3.81 0.00
W50THST__13_KV_LOAD 356117	28.43 1.54 0.00	34.84 1.70 0.00	37.95 1.79 0.00	34.19 1.61 0.00	40.13 1.67 0.00	42.07 2.02 0.00	46.71 2.83 0.00	54.54 3.71 0.00	42.31 2.92 0.00	35.29 2.63 0.00	79.69 3.99 -27.77	55.04 4.44 0.00	57.55 4.36 -5.01	58.64 4.55 -4.53	94.88 3.45 -46.85	96.82 6.82 -3.90	123.51 7.53 -30.44	114.38 6.78 -35.19	95.63 5.71 -29.77	83.05 6.40 0.00	81.28 6.00 0.00	81.45 5.65 0.00	81.54 5.69 0.00	61.95 4.14 0.00
WADING RIVER_IC_1 23522	28.67 1.78 0.00	34.94 1.80 0.00	37.99 1.84 0.00	34.24 1.66 0.00	40.31 1.85 0.00	42.47 2.42 0.00	47.09 3.21 0.00	55.11 4.27 0.00	42.03 2.63 0.00	34.95 2.28 0.00	79.44 3.84 -27.68	54.63 4.02 0.00	57.10 3.93 -4.99	58.20 4.13 -4.51	93.97 2.70 -46.70	96.06 6.06 -3.89	123.92 8.03 -30.34	115.11 7.62 -35.09	96.75 6.92 -29.68	84.90 8.24 0.00	83.06 7.78 0.00	82.94 7.15 0.00	82.87 7.02 0.00	62.68 4.87 0.00
WADING RIVER_IC_2 23547	28.67 1.78 0.00	34.94 1.80 0.00	37.99 1.84 0.00	34.24 1.66 0.00	40.31 1.85 0.00	42.47 2.42 0.00	47.09 3.21 0.00	55.11 4.27 0.00	42.03 2.63 0.00	34.95 2.28 0.00	79.44 3.84 -27.68	54.63 4.02 0.00	57.10 3.93 -4.99	58.20 4.13 -4.51	93.97 2.70 -46.70	96.06 6.06 -3.89	123.92 8.03 -30.34	115.11 7.62 -35.09	96.75 6.92 -29.68	84.90 8.24 0.00	83.06 7.78 0.00	82.94 7.15 0.00	82.87 7.02 0.00	62.68 4.87 0.00
WADING RIVER_IC_3 23601	28.67 1.78 0.00	34.94 1.80 0.00	37.99 1.84 0.00	34.24 1.66 0.00	40.31 1.85 0.00	42.47 2.42 0.00	47.09 3.21 0.00	55.11 4.27 0.00	42.03 2.63 0.00	34.95 2.28 0.00	79.44 3.84 -27.68	54.63 4.02 0.00	57.10 3.93 -4.99	58.20 4.13 -4.51	93.97 2.70 -46.70	96.06 6.06 -3.89	123.92 8.03 -30.34	115.11 7.62 -35.09	96.75 6.92 -29.68	84.90 8.24 0.00	83.06 7.78 0.00	82.94 7.15 0.00	82.87 7.02 0.00	62.68 4.87 0.00
WALDENNY_12_KV_BK2 80841	26.08 -0.81 0.00	32.20 -0.95 0.00	35.16 -0.99 0.00	31.79 -0.80 0.00	37.80 -0.66 0.00	39.18 -0.86 0.00	42.10 -1.78 0.00	46.46 -3.28 1.09	37.16 -2.21 0.03	31.18 -1.49 0.00	42.19 -3.38 2.36	46.98 -3.49 0.14	44.45 -3.15 0.59	37.32 -2.84 9.40	38.90 -2.51 3.17	76.90 -4.68 4.53	79.11 -4.78 1.66	66.60 -3.92 1.89	55.59 -3.14 1.42	71.94 -4.71 0.00	70.40 -4.88 0.00	70.77 -5.02 0.00	72.03 -3.83 0.00	55.24 -2.58 0.00
WALDEN__HYDRO 24148	28.09 1.20 0.00	34.47 1.32 0.00	37.55 1.40 0.00	33.85 1.26 0.00	39.80 1.34 0.00	41.70 1.65 0.00	46.20 2.32 0.00	53.85 3.02 0.00	41.68 2.28 0.00	34.65 1.98 0.00	36.01 2.93 14.85	53.78 3.17 0.00	48.54 3.07 2.70	49.97 3.27 2.86	19.04 2.60 28.14	88.73 5.25 2.62	72.66 6.07 18.96	56.17 5.72 21.96	45.99 4.90 19.06	82.26 5.61 0.00	80.50 5.23 0.00	80.70 4.90 0.00	80.75 4.89 0.00	61.29 3.47 0.00
WARRENSBURG____ 23737	28.68 1.79 0.00	35.32 2.17 0.00	38.42 2.27 0.00	34.62 2.04 0.00	40.99 2.53 0.00	43.09 3.04 0.00	47.53 3.65 0.00	55.67 4.83 0.00	42.91 3.51 0.00	35.20 2.54 0.00	57.51 3.78 -5.80	54.58 3.98 0.00	53.20 3.97 -1.05	54.63 4.07 -1.00	58.24 3.67 -9.99	94.54 7.55 -0.89	100.72 8.44 -6.74	87.74 7.52 -7.81	73.07 6.31 -6.61	84.07 7.42 0.00	82.36 7.08 0.00	82.60 6.80 0.00	82.50 6.64 0.00	62.62 4.81 0.00
WATERSIDE____6 8 9 23538	28.28 1.39 0.00	34.68 1.53 0.00	37.76 1.61 0.00	34.03 1.44 0.00	39.91 1.45 0.00	41.82 1.78 0.00	46.43 2.55 0.00	54.22 3.38 0.00	42.04 2.64 0.00	35.06 2.39 0.00	79.29 3.64 -27.72	54.65 4.04 0.00	57.15 3.96 -5.00	58.21 4.13 -4.52	94.42 3.07 -46.77	96.05 6.05 -3.90	122.71 6.78 -30.39	113.74 6.19 -35.14	95.12 5.25 -29.72	82.56 5.90 0.00	80.74 5.46 0.00	80.92 5.12 0.00	81.08 5.23 0.00	61.57 3.76 0.00
WATKINRD_115KV_LN8_ILLION 55919	26.87 -0.03 0.00	33.16 0.01 0.00	36.11 -0.05 0.00	32.55 -0.03 0.00	38.47 0.01 0.00	40.16 0.12 0.00	44.29 0.40 0.00	51.51 0.67 0.00	39.76 0.36 0.00	32.78 0.11 0.00	48.19 0.26 0.00	50.97 0.37 0.00	48.68 0.50 0.00	50.12 0.55 0.00	45.05 0.47 0.00	87.11 1.01 0.00	86.96 1.42 0.00	73.96 1.55 0.00	61.51 1.35 0.00	77.99 1.35 0.00	76.70 1.42 0.00	77.17 1.37 0.00	77.14 1.29 0.00	58.68 0.87 0.00
WATSON__69_KV_BK 1 55734	28.92 2.02 0.00	35.28 2.13 0.00	38.38 2.23 0.00	34.58 2.00 0.00	40.68 2.22 0.00	42.79 2.75 0.00	47.47 3.59 0.00	55.54 4.71 0.00	42.48 3.08 0.00	35.38 2.72 0.00	80.08 4.48 -27.68	55.35 4.74 0.00	57.82 4.65 -4.99	59.04 4.96 -4.51	95.11 3.84 -46.70	97.82 7.83 -3.89	124.81 8.92 -30.34	115.83 8.33 -35.09	97.43 7.60 -29.68	85.77 9.12 0.00	84.00 8.72 0.00	83.93 8.14 0.00	83.90 8.05 0.00	63.44 5.63 0.00
WDELAWARE__HYD 323627	28.56 1.67 0.00	35.05 1.91 0.00	38.18 2.03 0.00	34.44 1.85 0.00	40.51 2.06 0.00	42.48 2.43 0.00	47.10 3.22 0.00	54.93 4.10 0.00	42.53 3.13 0.00	35.28 2.62 0.00	39.99 3.85 11.79	54.58 3.97 0.00	49.75 3.72 2.15	51.02 3.88 2.42	24.79 3.38 23.17	90.82 6.92 2.20	78.04 8.08 15.59	61.63 7.41 18.19	49.79 6.28 16.64	83.96 7.31 0.00	82.17 6.89 0.00	82.33 6.53 0.00	82.30 6.45 0.00	62.43 4.62 0.00

WEST BABYLON___IC 23714	28.83 1.93 0.00	35.19 2.04 0.00	38.29 2.14 0.00	34.50 1.91 0.00	40.56 2.10 0.00	42.66 2.61 0.00	47.32 3.44 0.00	55.34 4.50 0.00	42.39 2.99 0.00	35.31 2.65 0.00	79.92 4.32 -27.68	55.21 4.60 0.00	57.68 4.50 -4.99	58.88 4.81 -4.51	94.92 3.64 -46.70	97.33 7.34 -3.89	124.27 8.38 -30.34	115.40 7.91 -35.09	96.99 7.17 -29.68	85.20 8.54 0.00	83.42 8.13 0.00	83.41 7.61 0.00	83.53 7.67 0.00	63.18 5.37 0.00
WEST CANADA___HYD 24049	26.92 0.03 0.00	33.19 0.04 0.00	36.19 0.04 0.00	32.61 0.02 0.00	38.46 0.00 0.00	40.08 0.03 0.00	43.97 0.09 0.00	50.98 0.15 0.00	39.48 0.08 0.00	32.76 0.08 0.00	48.07 0.14 0.00	50.81 0.20 0.00	48.40 0.22 0.00	49.81 0.25 0.00	44.76 0.18 0.00	86.45 0.35 0.00	86.01 0.46 0.00	72.93 0.52 0.00	60.63 0.47 0.00	77.12 0.47 0.00	75.81 0.53 0.00	76.30 0.50 0.00	76.32 0.47 0.00	58.14 0.34 0.00
WESTERN_NY_WIND 24143	26.54 -0.35 0.00	32.73 -0.42 0.00	35.75 -0.40 0.00	32.34 -0.25 0.00	38.45 0.00 0.00	39.97 -0.07 0.00	43.15 -0.74 0.00	48.40 -1.84 0.60	38.37 -1.02 0.02	32.13 -0.53 0.00	44.69 -1.89 1.34	48.43 -2.10 0.08	45.84 -2.00 0.34	42.10 -1.77 5.68	41.15 -1.37 2.06	81.06 -2.40 2.64	82.10 -2.03 1.42	69.20 -1.59 1.62	57.65 -1.29 1.21	74.05 -2.60 0.00	72.35 -2.93 0.00	72.53 -3.27 0.00	73.41 -2.44 0.00	56.07 -1.74 0.00
WESTOVER___LESR 323668	26.79 -0.10 0.00	32.96 -0.18 0.00	35.98 -0.17 0.00	32.44 -0.14 0.00	38.32 -0.14 0.00	39.81 -0.23 0.00	43.83 -0.05 0.00	50.72 -0.26 -0.14	39.21 -0.19 0.00	32.54 -0.13 0.00	44.13 -0.65 3.15	49.97 -0.64 0.00	47.04 -0.46 0.68	47.10 -0.28 2.19	38.60 -0.10 5.88	84.85 0.00 1.25	81.84 -0.05 3.66	68.60 0.24 4.05	57.67 0.49 2.98	76.93 0.28 0.00	75.63 0.35 0.00	75.93 0.14 0.00	76.10 0.24 0.00	57.96 0.15 0.00
WETHRSFD_WT_PWR 323626	25.35 -1.55 0.00	31.19 -1.96 0.00	34.03 -2.12 0.00	30.69 -1.89 0.00	36.45 -2.01 0.00	37.74 -2.31 0.00	40.83 -3.05 0.00	42.71 -4.51 3.62	36.03 -3.27 0.09	30.03 -2.63 0.01	35.44 -4.87 7.62	45.20 -4.96 0.45	43.18 -4.54 0.46	37.60 -4.50 7.46	37.98 -3.81 2.78	75.75 -6.68 3.68	77.49 -6.13 1.93	65.36 -4.85 2.19	54.81 -3.69 1.65	71.67 -4.98 0.00	70.37 -4.91 0.00	70.77 -5.03 0.00	71.90 -3.96 0.00	55.21 -2.60 0.00
WHAVSTOR_138KV_BK127 55557	27.93 1.04 0.00	34.24 1.09 0.00	37.30 1.15 0.00	33.64 1.05 0.00	39.50 1.04 0.00	41.39 1.35 0.00	45.86 1.98 0.00	53.39 2.55 0.00	41.31 1.91 0.00	34.42 1.75 0.00	2.85 2.62 47.69	53.55 2.94 0.00	42.43 2.90 8.65	44.03 3.01 8.55	-35.99 2.22 82.78	82.85 4.41 7.66	33.42 5.08 57.20	10.98 4.75 66.19	7.55 4.07 56.67	81.11 4.46 0.00	79.41 4.13 0.00	79.63 3.84 0.00	79.72 3.86 0.00	60.52 2.71 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	27.93 1.04 0.00	34.24 1.09 0.00	37.30 1.15 0.00	33.64 1.05 0.00	39.50 1.04 0.00	41.39 1.35 0.00	45.86 1.98 0.00	53.39 2.55 0.00	41.31 1.91 0.00	34.42 1.75 0.00	2.85 2.62 47.69	53.55 2.94 0.00	42.43 2.90 8.65	44.03 3.01 8.55	-35.99 2.22 82.78	82.85 4.41 7.66	33.42 5.08 57.20	10.98 4.75 66.19	7.55 4.07 56.67	81.11 4.46 0.00	79.41 4.13 0.00	79.63 3.84 0.00	79.72 3.86 0.00	60.52 2.71 0.00
WHITEHAL_115KV_TB1 80871	29.03 2.14 0.00	35.70 2.55 0.00	38.75 2.60 0.00	34.97 2.39 0.00	41.46 3.00 0.00	43.88 3.83 0.00	48.39 4.51 0.00	57.11 6.28 0.00	43.95 4.55 0.00	35.83 3.16 0.00	58.15 4.39 -5.84	55.44 4.83 0.00	54.22 4.98 -1.06	55.30 4.73 -1.01	58.96 4.33 -10.06	96.41 9.41 -0.89	103.22 10.89 -6.78	89.80 9.53 -7.86	74.77 7.97 -6.65	85.79 9.14 0.00	83.86 8.58 0.00	84.25 8.45 0.00	84.19 8.33 0.00	63.91 6.10 0.00
WHITEPLN_13_KV_LOAD 356215	28.44 1.55 0.00	34.88 1.73 0.00	37.96 1.81 0.00	34.21 1.62 0.00	40.19 1.73 0.00	42.14 2.10 0.00	46.76 2.88 0.00	54.58 3.75 0.00	42.27 2.87 0.00	35.22 2.56 0.00	80.35 3.87 -28.54	54.87 4.27 0.00	57.49 4.16 -5.15	58.57 4.36 -4.65	96.09 3.41 -48.11	96.87 6.76 -4.01	124.29 7.54 -31.21	115.41 6.91 -36.08	96.58 5.90 -30.52	83.31 6.66 0.00	81.52 6.24 0.00	81.69 5.90 0.00	81.74 5.88 0.00	62.00 4.19 0.00
WM_FLOYD_69_KV_BK2 356380	28.70 1.81 0.00	34.99 1.84 0.00	38.05 1.89 0.00	34.29 1.70 0.00	40.35 1.89 0.00	42.48 2.43 0.00	47.10 3.22 0.00	55.11 4.28 0.00	42.07 2.67 0.00	35.00 2.33 0.00	79.50 3.90 -27.68	54.70 4.09 0.00	57.18 4.01 -4.99	58.32 4.24 -4.51	94.32 3.04 -46.70	96.64 6.65 -3.89	124.25 8.36 -30.34	115.38 7.88 -35.09	96.96 7.13 -29.68	85.14 8.49 0.00	83.29 8.01 0.00	83.17 7.38 0.00	83.13 7.28 0.00	62.87 5.06 0.00
WOODARD___115KV_TB2 355635	26.52 -0.38 0.00	32.63 -0.51 0.00	35.58 -0.57 0.00	32.08 -0.50 0.00	37.89 -0.57 0.00	39.40 -0.64 0.00	43.11 -0.77 0.00	49.87 -0.97 0.00	38.71 -0.69 0.00	32.20 -0.47 0.00	46.91 -1.01 0.00	49.54 -1.07 0.00	47.26 -0.92 0.00	48.73 -0.83 0.00	43.85 -0.73 0.00	84.75 -1.35 0.00	84.33 -1.21 0.00	71.55 -0.86 0.00	59.50 -0.66 0.00	75.63 -1.03 0.00	74.22 -1.06 0.00	74.58 -1.22 0.00	74.66 -1.20 0.00	56.85 -0.96 0.00
YORK___WARBASSE 23770	28.39 1.50 0.00	34.80 1.66 0.00	37.91 1.75 0.00	34.15 1.57 0.00	40.05 1.60 0.00	42.00 1.95 0.00	46.66 2.77 0.00	54.41 3.57 0.00	42.21 2.81 0.00	35.20 2.53 0.00	79.43 3.77 -27.72	54.75 4.15 0.00	57.25 4.07 -5.00	58.31 4.23 -4.52	94.46 3.11 -46.77	96.19 6.20 -3.90	122.89 6.96 -30.39	113.93 6.38 -35.14	95.25 5.38 -29.72	82.74 6.08 0.00	80.89 5.61 0.00	81.08 5.29 0.00	81.25 5.39 0.00	61.72 3.91 0.00