

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$		--- Marginal Cost of Losses										--- Marginal Cost of Congestion										07/15/2024			
Generator Data																									
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
59TH STREET_GT_1	24138	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
		21.88	21.89	22.79	22.55	22.51	24.36	27.16	29.65	34.41	35.29	41.42	45.13	51.84	53.07	55.41	42.98	93.57	323.55	405.80	105.22	105.91	62.70	58.07	50.81
		1.82	1.73	1.79	1.65	1.54	1.71	2.02	2.47	2.99	3.34	4.21	4.33	4.73	5.23	5.57	4.58	9.89	33.37	38.43	2.04	2.41	2.85	2.53	3.47
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-21.91	-82.60	-78.97	-31.38	-31.13	-14.05
74TH STREET_GT_1	24260	21.91	21.92	22.82	22.57	22.53	24.37	27.19	29.66	34.44	35.29	41.45	45.13	51.87	53.10	55.45	43.00	93.49	323.52	406.31	105.27	105.96	62.77	58.10	50.83
		1.85	1.76	1.82	1.66	1.56	1.72	2.04	2.48	3.02	3.34	4.23	4.33	4.76	5.26	5.61	4.59	9.82	33.33	38.94	2.11	2.46	2.92	2.57	3.50
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-21.90	-82.59	-78.96	-31.37	-31.12	-14.05
74TH STREET_GT_2	24261	21.91	21.92	22.82	22.57	22.53	24.37	27.19	29.66	34.44	35.29	41.45	45.13	51.87	53.10	55.45	43.00	93.49	323.52	406.31	105.27	105.96	62.77	58.10	50.83
		1.85	1.76	1.82	1.66	1.56	1.72	2.04	2.48	3.02	3.34	4.23	4.33	4.76	5.26	5.61	4.59	9.82	33.33	38.94	2.11	2.46	2.92	2.57	3.50
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-21.90	-82.59	-78.96	-31.37	-31.12	-14.05
ADK HUDSON___FALLS	24011	21.28	21.37	22.21	22.19	22.24	24.15	26.80	28.93	33.36	33.92	39.21	43.21	50.18	51.33	53.60	41.40	90.52	315.05	396.55	41.41	614.42	242.69	48.52	38.82
		1.22	1.21	1.21	1.28	1.28	1.50	1.66	1.75	1.94	1.97	2.12	2.40	3.06	3.49	3.77	2.98	6.84	24.86	32.85	1.91	2.35	2.49	2.35	2.97
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-18.23	-18.93	-587.54	-211.73	-21.76	-2.55
ADK RESOURCE___RCVRY	23798	21.37	21.48	22.32	22.33	22.39	24.35	27.01	29.11	33.53	34.07	39.37	43.44	50.54	51.83	54.12	41.80	91.36	318.50	400.48	41.58	617.39	243.85	48.65	38.89
		1.31	1.31	1.32	1.43	1.43	1.70	1.86	1.93	2.11	2.12	2.29	2.63	3.43	3.99	4.29	3.39	7.69	28.31	36.75	2.11	2.55	2.60	2.44	3.06
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-18.27	-18.89	-590.31	-212.77	-21.81	-2.54
ADK S GLENS___FALLS	24028	21.28	21.37	22.21	22.19	22.24	24.15	26.80	28.93	33.36	33.92	39.21	43.21	50.18	51.33	53.60	41.40	90.52	315.05	396.55	41.41	614.42	242.69	48.52	38.82
		1.22	1.21	1.21	1.28	1.28	1.50	1.66	1.75	1.94	1.97	2.12	2.40	3.06	3.49	3.77	2.98	6.84	24.86	32.85	1.91	2.35	2.49	2.35	2.97
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-18.23	-18.93	-587.54	-211.73	-21.76	-2.55
ADK_NYS___DAM	23527	21.29	21.42	22.28	22.23	22.27	24.05	26.63	28.74	32.96	33.41	38.79	42.69	49.55	50.95	53.22	41.06	89.25	309.70	385.52	45.49	457.98	184.93	45.77	38.95
		1.23	1.26	1.27	1.33	1.31	1.40	1.49	1.55	1.54	1.46	1.70	1.89	2.43	3.11	3.39	2.66	5.58	19.51	23.92	1.38	1.84	2.10	1.77	2.40
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-16.13	-23.54	-431.61	-154.35	-19.58	-3.26
AIR_PRODUCTS___DRP	24190	20.45	20.54	21.39	21.29	21.34	23.05	25.59	27.67	31.85	32.40	37.67	41.32	47.78	48.82	50.92	39.38	85.78	297.37	367.25	38.96	325.32	142.15	40.86	36.89
		0.38	0.38	0.38	0.38	0.38	0.40	0.45	0.49	0.43	0.45	0.58	0.51	0.67	0.98	1.09	0.97	2.11	7.19	8.61	0.50	0.63	0.75	0.65	0.89
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-13.17	-17.89	-300.15	-112.92	-15.80	-2.71
AKWESSNE_115KV_BK	355683	19.71	19.85	26.61	35.58	36.88	33.20	26.12	26.55	30.60	32.68	35.68	39.33	45.27	45.77	47.75	26.70	78.08	270.52	328.61	19.72	20.00	27.54	23.62	32.34
		-0.35	-0.31	-0.31	-0.28	-0.28	-0.36	-0.48	-0.63	-0.82	-1.03	-1.41	-1.68	-1.85	-2.07	-2.08	-1.92	-4.12	-14.41	-16.85	-0.85	-0.96	-0.94	-0.79	-0.95
		0.00	0.00	-5.91	-14.96	-16.21	-10.91	-1.45	0.00	0.00	-1.76	0.00	-0.21	-0.01	0.00	0.00	9.79	1.48	5.25	0.00	0.00	3.57	0.00	0.00	0.00
ALBANY_1_SOLAR	323833	20.78	20.91	21.76	21.68	21.75	23.52	26.09	28.07	32.34	32.81	38.10	41.20	47.51	48.31	50.30	38.80	84.99	295.07	363.47	38.11	251.20	115.04	38.57	37.20
		0.72	0.75	0.76	0.77	0.79	0.87	0.94	0.89	0.92	0.86	1.01	0.40	0.39	0.47	0.46	0.39	1.31	4.89	6.42	0.52	0.68	0.85	0.83	1.46
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-11.58	-17.03	-225.99	-85.71	-13.32	-2.45
ALBANY_2_SOLAR	323834	20.78	20.90	21.76	21.67	21.75	23.52	26.07	28.06	32.33	32.81	38.09	41.18	47.49	48.30	50.28	38.78	84.98	294.91	363.28	38.09	251.14	114.99	38.56	37.19
		0.71	0.74	0.76	0.76	0.78	0.86	0.93	0.88	0.91	0.86	1.01	0.38	0.37	0.46	0.45	0.37	1.30	4.72	6.24	0.50	0.66	0.83	0.83	1.45
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-11.58	-17.03	-225.94	-85.68	-13.33	-2.45
ALBANY___1	23571	20.45	20.54	21.39	21.29	21.34	23.05	25.59	27.67	31.85	32.40	37.67	41.32	47.78	48.82	50.92	39.38	85.78	297.37	367.25	38.96	325.32	142.15	40.86	36.89
		0.38	0.38	0.38	0.38	0.38	0.40	0.45	0.49	0.43	0.45	0.58	0.51	0.67	0.98	1.09	0.97	2.11	7.19	8.61	0.50	0.63	0.75	0.65	0.89
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-13.17	-17.89	-300.15	-112.92	-15.80	-2.71

ALBANY___2 23572	20.45 0.38 0.00	20.54 0.38 0.00	21.39 0.38 0.00	21.29 0.38 0.00	21.34 0.38 0.00	23.05 0.40 0.00	25.59 0.45 0.00	27.67 0.49 0.00	31.85 0.43 0.00	32.40 0.45 0.00	37.67 0.58 0.00	41.32 0.51 0.00	47.78 0.67 0.00	48.82 0.98 0.00	50.92 1.09 0.00	39.38 0.97 0.00	85.78 2.11 0.00	297.37 7.19 0.00	367.25 8.61 -13.17	38.96 0.50 -17.89	325.32 0.63 -300.15	142.15 0.75 -112.92	40.86 0.65 -15.80	36.89 0.89 -2.71
ALBANY___3 23573	20.45 0.38 0.00	20.54 0.38 0.00	21.39 0.38 0.00	21.29 0.38 0.00	21.34 0.38 0.00	23.05 0.40 0.00	25.59 0.45 0.00	27.67 0.49 0.00	31.85 0.43 0.00	32.40 0.45 0.00	37.67 0.58 0.00	41.32 0.51 0.00	47.78 0.67 0.00	48.82 0.98 0.00	50.92 1.09 0.00	39.38 0.97 0.00	85.78 2.11 0.00	297.37 7.19 0.00	367.25 8.61 -13.17	38.96 0.50 -17.89	325.32 0.63 -300.15	142.15 0.75 -112.92	40.86 0.65 -15.80	36.89 0.89 -2.71
ALBANY___4 23574	20.45 0.38 0.00	20.54 0.38 0.00	21.39 0.38 0.00	21.29 0.38 0.00	21.34 0.38 0.00	23.05 0.40 0.00	25.59 0.45 0.00	27.67 0.49 0.00	31.85 0.43 0.00	32.40 0.45 0.00	37.67 0.58 0.00	41.32 0.51 0.00	47.78 0.67 0.00	48.82 0.98 0.00	50.92 1.09 0.00	39.38 0.97 0.00	85.78 2.11 0.00	297.37 7.19 0.00	367.25 8.61 -13.17	38.96 0.50 -17.89	325.32 0.63 -300.15	142.15 0.75 -112.92	40.86 0.65 -15.80	36.89 0.89 -2.71
ALBANY___LFGE 323615	20.70 0.64 0.00	20.80 0.63 0.00	21.64 0.64 0.00	21.55 0.65 0.00	21.61 0.65 0.00	23.34 0.69 0.00	25.92 0.78 0.00	28.05 0.86 0.00	32.33 0.91 0.00	32.90 0.94 0.00	38.26 1.17 0.00	41.98 1.18 0.00	48.56 1.45 0.00	49.65 1.81 0.00	51.82 1.99 0.00	40.06 1.66 0.00	87.32 3.65 0.00	302.43 12.24 0.00	374.98 14.81 -14.71	39.83 0.86 -18.39	417.98 1.07 -392.38	171.56 1.23 -141.86	43.08 1.03 -17.63	37.37 1.38 -2.71
ALCOA_PA_115KV_PL-6C 55860	19.64 -0.43 0.00	19.78 -0.38 0.00	30.28 -0.38 -9.67	44.99 -0.36 -24.45	47.08 -0.36 -26.49	40.04 -0.45 -17.83	26.94 -0.58 -2.37	26.42 -0.76 0.00	30.44 -0.98 0.00	33.61 -1.22 -2.88	35.46 -1.63 0.00	39.22 -1.93 -0.34	44.99 -2.13 -0.01	45.49 -2.35 0.00	47.44 -2.40 0.00	26.87 -2.06 9.47	77.87 -4.37 1.43	269.68 -15.42 5.08	327.81 -17.66 0.00	19.70 -0.87 0.00	18.63 -0.96 4.95	27.46 -1.01 0.00	23.53 -0.88 0.00	32.22 -1.08 0.00
ALCOA_RYNLDS___DRP 24188	19.64 -0.43 0.00	19.78 -0.38 0.00	30.28 -0.38 -9.67	44.99 -0.36 -24.45	47.08 -0.36 -26.49	40.04 -0.45 -17.83	26.94 -0.58 -2.37	26.42 -0.76 0.00	30.44 -0.98 0.00	33.61 -1.22 -2.88	35.46 -1.63 0.00	39.22 -1.93 -0.34	44.99 -2.13 -0.01	45.49 -2.35 0.00	47.44 -2.40 0.00	26.87 -2.06 9.47	77.87 -4.37 1.43	269.68 -15.42 5.08	327.81 -17.66 0.00	19.70 -0.87 0.00	18.63 -0.96 4.95	27.46 -1.01 0.00	23.53 -0.88 0.00	32.22 -1.08 0.00
ALCOA___DSASP 323711	19.64 -0.43 0.00	19.78 -0.38 0.00	30.28 -0.38 -9.67	44.99 -0.36 -24.45	47.08 -0.36 -26.49	40.03 -0.45 -17.83	26.94 -0.58 -2.37	26.42 -0.76 0.00	30.44 -0.98 0.00	33.61 -1.22 -2.88	35.47 -1.62 0.00	39.22 -1.93 -0.34	44.99 -2.14 -0.01	45.49 -2.35 0.00	47.44 -2.39 0.00	26.87 -2.06 9.47	77.87 -4.38 1.43	269.66 -15.45 5.08	327.81 -17.66 0.00	19.70 -0.87 0.00	18.62 -0.96 4.95	27.47 -1.01 0.00	23.54 -0.87 0.00	32.22 -1.08 0.00
ALLEGHENY___COGEN 23514	20.32 0.26 0.00	20.51 0.35 0.00	21.35 0.34 0.00	21.31 0.41 0.00	21.44 0.48 0.00	23.40 0.75 0.00	25.73 0.58 0.00	27.95 0.77 0.00	32.52 1.10 0.00	31.65 -0.30 0.00	35.99 -1.10 0.00	39.34 -1.46 0.00	45.48 -1.63 0.00	45.61 -2.23 0.00	46.93 -2.90 0.00	35.90 -2.50 0.00	83.62 -4.42 -4.37	314.38 -14.20 -38.40	322.69 -23.30 -0.53	19.56 -1.07 -0.06	24.11 -1.31 -0.89	22.52 -1.62 4.33	24.30 -0.56 -0.45	32.91 -0.38 0.00
ALTAMONT_115KV_TB 2 55880	20.64 0.58 0.00	20.74 0.58 0.00	21.58 0.58 0.00	21.47 0.57 0.00	21.53 0.56 0.00	23.26 0.61 0.00	25.83 0.69 0.00	27.96 0.77 0.00	32.26 0.84 0.00	32.84 0.89 0.00	38.21 1.12 0.00	41.90 1.09 0.00	48.37 1.26 0.00	49.33 1.49 0.00	51.45 1.61 0.00	39.78 1.37 0.00	86.67 3.00 0.00	300.54 10.35 0.00	369.78 12.55 -11.76	36.41 0.74 -15.10	271.29 0.92 -245.83	120.73 1.08 -91.18	39.44 0.92 -14.10	37.10 1.25 -2.55
ALTONA_WT_PWR 323606	20.01 -0.05 0.00	20.16 0.00 0.00	17.76 -0.09 3.15	12.88 -0.05 7.97	12.33 0.00 8.63	16.67 -0.18 5.81	24.32 -0.05 0.77	27.37 0.18 0.00	31.43 0.01 0.00	30.22 -0.79 0.94	35.32 -1.77 0.00	37.34 -3.35 0.11	44.00 -3.11 0.00	44.78 -3.06 0.00	46.78 -3.05 0.00	26.22 -2.37 9.82	77.67 -4.53 1.48	270.03 -14.89 5.27	329.34 -16.12 0.00	19.75 -0.82 0.00	20.17 -0.93 3.43	27.20 -1.27 0.00	23.72 -0.69 0.00	32.94 -0.35 0.00
AMERICAN_REF_FUEL 24010	18.66 -1.40 0.00	19.00 -1.15 0.00	19.81 -1.20 0.00	19.74 -1.16 0.00	19.88 -1.08 0.00	21.77 -0.88 0.00	24.15 -1.00 0.00	26.56 -0.62 0.00	31.24 -0.18 0.00	31.81 -0.14 0.00	36.89 -0.19 0.00	41.15 0.34 0.00	47.57 0.45 0.00	47.06 -0.78 0.00	48.62 -1.21 0.00	36.32 -2.43 -0.34	78.37 -6.21 -0.90	261.69 -20.26 8.23	318.89 -27.04 -0.47	19.07 -1.55 -0.05	23.92 -1.40 -0.79	24.11 -1.65 2.72	23.18 -1.67 -0.44	31.20 -2.09 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	19.59 -0.47 0.00	19.89 -0.27 0.00	20.61 -0.39 0.00	20.57 -0.34 0.00	20.74 -0.22 0.00	22.75 0.09 0.00	25.29 0.14 0.00	27.93 0.75 0.00	32.91 1.49 0.00	33.59 1.64 0.00	39.11 2.03 0.00	43.51 2.71 0.00	50.49 3.38 0.00	49.99 2.15 0.00	51.19 1.35 0.00	37.71 -0.57 0.12	79.37 -2.68 1.63	273.40 -8.12 8.66	334.18 -11.83 -0.54	19.75 -0.88 -0.06	25.26 -0.19 -0.92	24.45 -0.51 3.51	24.31 -0.60 -0.50	32.78 -0.51 0.00
ARTHUR KILL_GT_1 23520	21.83 1.74 -0.03	21.86 1.69 -0.01	22.75 1.75 0.00	22.51 1.60 0.00	22.46 1.51 0.00	24.32 1.67 0.00	27.07 1.92 0.00	29.48 2.30 0.00	34.24 2.82 0.00	35.07 3.11 0.00	41.16 3.95 -0.13	44.56 3.76 0.00	51.20 4.08 0.00	52.42 4.58 0.00	54.14 4.97 0.66	42.48 4.15 0.08	85.71 8.76 6.73	303.08 29.46 16.56	377.73 34.96 2.69	44.32 1.80 -21.95	151.27 2.12 -124.61	82.52 2.65 -51.40	44.55 2.35 -17.79	48.04 3.23 -11.51
ARTHUR_KILL_2 23512	21.75 1.66 -0.03	21.78 1.61 -0.01	22.67 1.67 0.00	22.43 1.53 0.00	22.39 1.43 0.00	24.24 1.59 0.00	26.97 1.83 0.00	29.38 2.20 0.00	34.10 2.68 0.00	34.93 2.98 0.00	41.01 3.79 -0.13	44.37 3.57 0.00	50.97 3.86 0.00	52.19 4.34 0.00	53.89 4.72 0.66	42.29 3.97 0.08	85.36 8.41 6.73	301.71 28.09 16.56	376.01 33.24 2.69	44.22 1.70 -21.95	151.13 1.99 -124.61	82.36 2.49 -51.40	44.42 2.22 -17.79	47.87 3.07 -11.51
ARTHUR_KILL_3 23513	21.67 1.59 -0.02	21.65 1.48 0.00	22.54 1.54 0.00	22.30 1.39 0.00	22.25 1.29 0.00	24.07 1.42 0.00	26.84 1.69 0.00	29.27 2.09 0.00	33.97 2.55 0.00	34.83 2.87 0.00	40.86 3.65 -0.13	44.47 3.67 0.00	51.06 3.94 0.00	52.26 4.41 0.00	53.89 4.72 0.66	42.15 3.92 0.19	85.38 8.43 6.72	302.14 28.52 16.56	376.39 33.23 2.30	44.01 1.77 -21.67	86.68 2.08 -60.06	49.18 2.46 -18.25	44.63 2.16 -18.06	47.76 2.95 -11.52

ARTHUR_KILL_COGEN 323718	21.83 1.74 -0.03	21.86 1.69 -0.01	22.75 1.75 0.00	22.51 1.60 0.00	22.46 1.51 0.00	24.32 1.67 0.00	27.07 1.92 0.00	29.48 2.30 0.00	34.24 2.82 0.00	35.07 3.11 0.00	41.16 3.95 -0.13	44.56 3.76 0.00	51.20 4.08 0.00	52.42 4.58 0.00	54.14 4.97 0.66	42.48 4.15 0.08	85.71 8.76 6.73	303.08 29.46 16.56	377.73 34.96 2.69	44.32 1.80 -21.95	151.27 2.12 -124.61	82.52 2.65 -51.40	44.55 2.35 -17.79	48.04 3.23 -11.51
ASHOKAN____ 23654	21.44 1.38 0.00	21.51 1.34 0.00	22.34 1.34 0.00	22.21 1.31 0.00	22.27 1.31 0.00	24.10 1.45 0.00	26.80 1.65 0.00	29.08 1.89 0.00	33.61 2.19 0.00	34.19 2.24 0.00	39.88 2.79 0.00	44.13 3.32 0.00	51.06 3.94 0.00	52.18 4.34 0.00	54.08 4.24 0.00	41.81 3.40 0.00	91.27 7.59 0.00	317.66 27.48 0.00	390.05 34.34 -10.24	48.17 2.19 -25.42	188.90 2.32 -162.04	92.50 2.72 -61.31	34.31 2.02 -7.88	37.17 2.70 -1.18
ASTORIA_EAST_ENERGY_CC1 323581	21.86 1.80 -0.01	21.91 1.75 -0.01	22.83 1.82 -0.01	22.60 1.69 0.00	22.57 1.60 0.00	24.41 1.76 0.00	26.96 1.82 0.00	29.37 2.18 0.00	34.07 2.65 0.00	34.79 2.84 0.00	40.92 3.70 -0.13	44.49 3.68 0.00	51.15 4.04 0.00	52.48 4.64 0.00	54.88 5.03 -0.01	42.57 4.17 0.00	92.61 8.93 0.00	319.92 29.72 -0.01	402.47 35.10 -21.91	105.01 1.84 -82.59	105.64 2.14 -78.97	62.44 2.58 -31.38	57.88 2.35 -31.12	50.47 3.13 -14.05
ASTORIA_EAST_ENERGY_CC2 323582	21.86 1.80 -0.01	21.91 1.75 -0.01	22.83 1.82 -0.01	22.60 1.69 0.00	22.57 1.60 0.00	24.41 1.76 0.00	26.96 1.82 0.00	29.37 2.18 0.00	34.07 2.65 0.00	34.79 2.84 0.00	40.92 3.70 -0.13	44.49 3.68 0.00	51.15 4.04 0.00	52.48 4.64 0.00	54.88 5.03 -0.01	42.57 4.17 0.00	92.61 8.93 0.00	319.92 29.72 -0.01	402.47 35.10 -21.91	105.01 1.84 -82.59	105.64 2.14 -78.97	62.44 2.58 -31.38	57.88 2.35 -31.12	50.47 3.13 -14.05
ASTORIA_GT2_1 24094	21.86 1.79 -0.01	21.92 1.75 -0.01	22.84 1.83 -0.01	22.61 1.70 0.00	22.57 1.61 0.00	24.42 1.77 0.00	26.98 1.83 0.00	29.38 2.20 0.00	34.08 2.66 0.00	34.81 2.86 0.00	40.94 3.72 -0.13	44.51 3.71 0.00	51.17 4.06 0.00	52.50 4.66 0.00	54.90 5.06 -0.01	42.60 4.19 0.00	92.63 8.96 0.00	320.12 29.92 -0.01	402.79 35.41 -21.91	105.03 1.86 -82.59	105.66 2.16 -78.97	62.46 2.60 -31.38	57.89 2.36 -31.12	50.49 3.16 -14.05
ASTORIA_GT2_2 24095	21.86 1.79 -0.01	21.92 1.75 -0.01	22.84 1.83 -0.01	22.61 1.70 0.00	22.57 1.61 0.00	24.42 1.77 0.00	26.98 1.83 0.00	29.38 2.20 0.00	34.08 2.66 0.00	34.81 2.86 0.00	40.94 3.72 -0.13	44.51 3.71 0.00	51.17 4.06 0.00	52.50 4.66 0.00	54.90 5.06 -0.01	42.60 4.19 0.00	92.63 8.96 0.00	320.12 29.92 -0.01	402.79 35.41 -21.91	105.03 1.86 -82.59	105.66 2.16 -78.97	62.46 2.60 -31.38	57.89 2.36 -31.12	50.49 3.16 -14.05
ASTORIA_GT2_3 24096	21.86 1.79 -0.01	21.92 1.75 -0.01	22.84 1.83 -0.01	22.61 1.70 0.00	22.57 1.61 0.00	24.42 1.77 0.00	26.98 1.83 0.00	29.38 2.20 0.00	34.08 2.66 0.00	34.81 2.86 0.00	40.94 3.72 -0.13	44.51 3.71 0.00	51.17 4.06 0.00	52.50 4.66 0.00	54.90 5.06 -0.01	42.60 4.19 0.00	92.63 8.96 0.00	320.12 29.92 -0.01	402.79 35.41 -21.91	105.03 1.86 -82.59	105.66 2.16 -78.97	62.46 2.60 -31.38	57.89 2.36 -31.12	50.49 3.16 -14.05
ASTORIA_GT2_4 24097	21.86 1.79 -0.01	21.92 1.75 -0.01	22.84 1.83 -0.01	22.61 1.70 0.00	22.57 1.61 0.00	24.42 1.77 0.00	26.98 1.83 0.00	29.38 2.20 0.00	34.08 2.66 0.00	34.81 2.86 0.00	40.94 3.72 -0.13	44.51 3.71 0.00	51.17 4.06 0.00	52.50 4.66 0.00	54.90 5.06 -0.01	42.60 4.19 0.00	92.63 8.96 0.00	320.12 29.92 -0.01	402.79 35.41 -21.91	105.03 1.86 -82.59	105.66 2.16 -78.97	62.46 2.60 -31.38	57.89 2.36 -31.12	50.49 3.16 -14.05
ASTORIA_GT3_1 24098	21.86 1.79 -0.01	21.92 1.75 -0.01	22.84 1.83 -0.01	22.61 1.70 0.00	22.57 1.61 0.00	24.42 1.77 0.00	26.98 1.83 0.00	29.38 2.20 0.00	34.08 2.66 0.00	34.81 2.86 0.00	40.94 3.72 -0.13	44.51 3.71 0.00	51.17 4.06 0.00	52.50 4.66 0.00	54.90 5.06 -0.01	42.60 4.19 0.00	92.63 8.96 0.00	320.12 29.92 -0.01	402.79 35.41 -21.91	105.03 1.86 -82.59	105.66 2.16 -78.97	62.46 2.60 -31.38	57.89 2.36 -31.12	50.49 3.16 -14.05
ASTORIA_GT3_2 24099	21.86 1.79 -0.01	21.92 1.75 -0.01	22.84 1.83 -0.01	22.61 1.70 0.00	22.57 1.61 0.00	24.42 1.77 0.00	26.98 1.83 0.00	29.38 2.20 0.00	34.08 2.66 0.00	34.81 2.86 0.00	40.94 3.72 -0.13	44.51 3.71 0.00	51.17 4.06 0.00	52.50 4.66 0.00	54.90 5.06 -0.01	42.60 4.19 0.00	92.63 8.96 0.00	320.12 29.92 -0.01	402.79 35.41 -21.91	105.03 1.86 -82.59	105.66 2.16 -78.97	62.46 2.60 -31.38	57.89 2.36 -31.12	50.49 3.16 -14.05
ASTORIA_GT3_3 24100	21.86 1.79 -0.01	21.92 1.75 -0.01	22.84 1.83 -0.01	22.61 1.70 0.00	22.57 1.61 0.00	24.42 1.77 0.00	26.98 1.83 0.00	29.38 2.20 0.00	34.08 2.66 0.00	34.81 2.86 0.00	40.94 3.72 -0.13	44.51 3.71 0.00	51.17 4.06 0.00	52.50 4.66 0.00	54.90 5.06 -0.01	42.60 4.19 0.00	92.63 8.96 0.00	320.12 29.92 -0.01	402.79 35.41 -21.91	105.03 1.86 -82.59	105.66 2.16 -78.97	62.46 2.60 -31.38	57.89 2.36 -31.12	50.49 3.16 -14.05
ASTORIA_GT3_4 24101	21.86 1.79 -0.01	21.92 1.75 -0.01	22.84 1.83 -0.01	22.61 1.70 0.00	22.57 1.61 0.00	24.42 1.77 0.00	26.98 1.83 0.00	29.38 2.20 0.00	34.08 2.66 0.00	34.81 2.86 0.00	40.94 3.72 -0.13	44.51 3.71 0.00	51.17 4.06 0.00	52.50 4.66 0.00	54.90 5.06 -0.01	42.60 4.19 0.00	92.63 8.96 0.00	320.12 29.92 -0.01	402.79 35.41 -21.91	105.03 1.86 -82.59	105.66 2.16 -78.97	62.46 2.60 -31.38	57.89 2.36 -31.12	50.49 3.16 -14.05
ASTORIA_GT4_1 24102	21.86 1.79 -0.01	21.92 1.75 -0.01	22.84 1.83 -0.01	22.61 1.70 0.00	22.57 1.61 0.00	24.42 1.77 0.00	26.98 1.83 0.00	29.38 2.20 0.00	34.08 2.66 0.00	34.81 2.86 0.00	40.94 3.72 -0.13	44.51 3.71 0.00	51.17 4.06 0.00	52.50 4.66 0.00	54.90 5.06 -0.01	42.60 4.19 0.00	92.63 8.96 0.00	320.12 29.92 -0.01	402.79 35.41 -21.91	105.03 1.86 -82.59	105.66 2.16 -78.97	62.46 2.60 -31.38	57.89 2.36 -31.12	50.49 3.16 -14.05
ASTORIA_GT4_2 24103	21.86 1.79 -0.01	21.92 1.75 -0.01	22.84 1.83 -0.01	22.61 1.70 0.00	22.57 1.61 0.00	24.42 1.77 0.00	26.98 1.83 0.00	29.38 2.20 0.00	34.08 2.66 0.00	34.81 2.86 0.00	40.94 3.72 -0.13	44.51 3.71 0.00	51.17 4.06 0.00	52.50 4.66 0.00	54.90 5.06 -0.01	42.60 4.19 0.00	92.63 8.96 0.00	320.12 29.92 -0.01	402.79 35.41 -21.91	105.03 1.86 -82.59	105.66 2.16 -78.97	62.46 2.60 -31.38	57.89 2.36 -31.12	50.49 3.16 -14.05
ASTORIA_GT4_3 24104	21.86 1.79 -0.01	21.92 1.75 -0.01	22.84 1.83 -0.01	22.61 1.70 0.00	22.57 1.61 0.00	24.42 1.77 0.00	26.98 1.83 0.00	29.38 2.20 0.00	34.08 2.66 0.00	34.81 2.86 0.00	40.94 3.72 -0.13	44.51 3.71 0.00	51.17 4.06 0.00	52.50 4.66 0.00	54.90 5.06 -0.01	42.60 4.19 0.00	92.63 8.96 0.00	320.12 29.92 -0.01	402.79 35.41 -21.91	105.03 1.86 -82.59	105.66 2.16 -78.97	62.46 2.60 -31.38	57.89 2.36 -31.12	50.49 3.16 -14.05

ASTORIA_GT4_4 24105	21.86 1.79 -0.01	21.92 1.75 -0.01	22.84 1.83 -0.01	22.61 1.70 0.00	22.57 1.61 0.00	24.42 1.77 0.00	26.98 1.83 0.00	29.38 2.20 0.00	34.08 2.66 0.00	34.81 2.86 0.00	40.94 3.72 -0.13	44.51 3.71 0.00	51.17 4.06 0.00	52.50 4.66 0.00	54.90 5.06 -0.01	42.60 4.19 0.00	92.63 8.96 0.00	320.12 29.92 -0.01	402.79 35.41 -21.91	105.03 1.86 -82.59	105.66 2.16 -78.97	62.46 2.60 -31.38	57.89 2.36 -31.12	50.49 3.16 -14.05
ASTORIA_GT_1 23523	21.93 1.86 -0.01	21.97 1.80 -0.01	22.89 1.88 -0.01	22.65 1.74 0.00	22.62 1.66 0.00	24.48 1.82 0.00	27.03 1.89 0.00	29.45 2.27 0.00	34.18 2.76 0.00	34.91 2.96 0.00	41.07 3.85 -0.13	44.65 3.85 0.00	51.34 4.22 0.00	52.67 4.83 0.00	55.08 5.23 -0.01	42.73 4.32 0.00	92.95 9.28 0.00	321.12 30.93 -0.01	403.94 36.56 -21.91	105.08 1.92 -82.59	105.74 2.23 -78.97	62.55 2.69 -31.38	57.96 2.43 -31.12	50.58 3.24 -14.05
ASTORIA_GT_10 24110	21.79 1.72 -0.01	21.80 1.63 -0.01	22.69 1.69 0.00	22.45 1.54 0.00	22.40 1.44 0.00	24.25 1.60 0.00	26.98 1.84 0.00	29.42 2.24 0.00	34.10 2.68 0.00	34.85 2.90 0.00	40.93 3.72 -0.13	44.50 3.69 0.00	51.08 3.96 0.00	52.30 4.46 0.00	54.61 4.78 0.00	42.42 4.01 0.00	92.16 8.49 0.00	318.50 28.32 0.00	388.58 33.28 -9.83	56.75 1.75 -34.43	67.56 2.02 -41.00	50.24 2.45 -19.31	57.75 2.22 -31.12	50.42 3.08 -14.05
ASTORIA_GT_11 24225	21.79 1.72 -0.01	21.80 1.63 -0.01	22.69 1.69 0.00	22.45 1.54 0.00	22.40 1.44 0.00	24.25 1.60 0.00	26.98 1.84 0.00	29.42 2.24 0.00	34.10 2.68 0.00	34.85 2.90 0.00	40.93 3.72 -0.13	44.50 3.69 0.00	51.08 3.96 0.00	52.30 4.46 0.00	54.61 4.78 0.00	42.42 4.01 0.00	92.16 8.49 0.00	318.50 28.32 0.00	388.58 33.28 -9.83	56.75 1.75 -34.43	67.56 2.02 -41.00	50.24 2.45 -19.31	57.75 2.22 -31.12	50.42 3.08 -14.05
ASTORIA_GT_12 24226	21.79 1.72 -0.01	21.80 1.63 -0.01	22.69 1.69 0.00	22.45 1.54 0.00	22.40 1.44 0.00	24.25 1.60 0.00	26.98 1.84 0.00	29.42 2.24 0.00	34.10 2.68 0.00	34.85 2.90 0.00	40.93 3.72 -0.13	44.50 3.69 0.00	51.08 3.96 0.00	52.30 4.46 0.00	54.61 4.78 0.00	42.42 4.01 0.00	92.16 8.49 0.00	318.50 28.32 0.00	388.58 33.28 -9.83	56.75 1.75 -34.43	67.56 2.02 -41.00	50.24 2.45 -19.31	57.75 2.22 -31.12	50.42 3.08 -14.05
ASTORIA_GT_13 24227	21.79 1.72 -0.01	21.80 1.63 -0.01	22.69 1.69 0.00	22.45 1.54 0.00	22.40 1.44 0.00	24.25 1.60 0.00	26.98 1.84 0.00	29.42 2.24 0.00	34.10 2.68 0.00	34.85 2.90 0.00	40.93 3.72 -0.13	44.50 3.69 0.00	51.08 3.96 0.00	52.30 4.46 0.00	54.61 4.78 0.00	42.42 4.01 0.00	92.16 8.49 0.00	318.50 28.32 0.00	388.58 33.28 -9.83	56.75 1.75 -34.43	67.56 2.02 -41.00	50.24 2.45 -19.31	57.75 2.22 -31.12	50.42 3.08 -14.05
ASTORIA_GT_5 24106	21.91 1.84 -0.01	21.97 1.80 -0.01	22.89 1.88 -0.01	22.65 1.74 0.00	22.62 1.66 0.00	24.48 1.82 0.00	27.03 1.89 0.00	29.45 2.27 0.00	34.18 2.76 0.00	34.91 2.96 0.00	41.07 3.85 -0.13	44.65 3.85 0.00	51.34 4.23 0.00	52.68 4.84 0.00	55.08 5.23 -0.01	42.73 4.32 0.00	92.96 9.28 0.00	321.19 30.99 -0.01	403.92 36.54 -21.91	105.10 1.93 -82.59	105.74 2.24 -78.97	62.54 2.69 -31.38	57.96 2.43 -31.12	50.58 3.24 -14.05
ASTORIA_GT_7 24107	21.91 1.84 -0.01	21.97 1.80 -0.01	22.89 1.88 -0.01	22.65 1.74 0.00	22.62 1.66 0.00	24.48 1.82 0.00	27.03 1.89 0.00	29.45 2.27 0.00	34.18 2.76 0.00	34.91 2.96 0.00	41.07 3.85 -0.13	44.65 3.85 0.00	51.34 4.23 0.00	52.68 4.84 0.00	55.08 5.23 -0.01	42.73 4.32 0.00	92.96 9.28 0.00	321.19 30.99 -0.01	403.92 36.54 -21.91	105.10 1.93 -82.59	105.74 2.24 -78.97	62.54 2.69 -31.38	57.96 2.43 -31.12	50.58 3.24 -14.05
ASTORIA_GT_8 24108	21.91 1.84 -0.01	21.97 1.80 -0.01	22.89 1.88 -0.01	22.65 1.74 0.00	22.62 1.66 0.00	24.48 1.82 0.00	27.03 1.89 0.00	29.45 2.27 0.00	34.18 2.76 0.00	34.91 2.96 0.00	41.07 3.85 -0.13	44.65 3.85 0.00	51.34 4.23 0.00	52.68 4.84 0.00	55.08 5.23 -0.01	42.73 4.32 0.00	92.96 9.28 0.00	321.19 30.99 -0.01	403.92 36.54 -21.91	105.10 1.93 -82.59	105.74 2.24 -78.97	62.54 2.69 -31.38	57.96 2.43 -31.12	50.58 3.24 -14.05
ASTORIA___2 24149	21.87 1.80 -0.01	21.92 1.75 -0.01	22.84 1.83 -0.01	22.60 1.69 0.00	22.57 1.61 0.00	24.42 1.77 0.00	26.97 1.83 0.00	29.38 2.20 0.00	34.08 2.66 0.00	34.81 2.86 0.00	40.94 3.72 -0.13	44.51 3.71 0.00	51.18 4.07 0.00	52.50 4.67 0.00	54.90 5.06 -0.01	42.59 4.18 0.00	92.63 8.95 0.00	320.09 29.89 -0.01	402.79 35.41 -21.91	105.01 1.85 -82.59	105.65 2.15 -78.97	62.46 2.60 -31.38	57.89 2.36 -31.12	50.49 3.15 -14.05
ASTORIA___3 23516	21.80 1.73 -0.01	21.80 1.63 -0.01	22.69 1.68 0.00	22.44 1.54 0.00	22.40 1.44 0.00	24.25 1.60 0.00	26.98 1.84 0.00	29.42 2.24 0.00	34.10 2.68 0.00	34.85 2.90 0.00	40.94 3.72 -0.13	44.50 3.70 0.00	51.08 3.96 0.00	52.29 4.46 0.00	54.62 4.79 0.00	42.42 4.02 0.00	92.16 8.49 0.00	318.41 28.22 0.00	388.63 33.33 -9.83	56.74 1.74 -34.43	67.55 2.02 -41.00	50.25 2.46 -19.31	57.75 2.22 -31.12	50.42 3.08 -14.05
ASTORIA___4 23517	21.79 1.72 -0.01	21.80 1.63 -0.01	22.69 1.69 0.00	22.45 1.54 0.00	22.40 1.44 0.00	24.25 1.60 0.00	26.98 1.84 0.00	29.42 2.24 0.00	34.10 2.68 0.00	34.85 2.90 0.00	40.93 3.72 -0.13	44.50 3.69 0.00	51.08 3.96 0.00	52.30 4.46 0.00	54.61 4.78 0.00	42.42 4.01 0.00	92.16 8.49 0.00	318.50 28.32 0.00	388.56 33.26 -9.83	56.75 1.75 -34.43	67.56 2.02 -41.00	50.24 2.45 -19.31	57.75 2.22 -31.12	50.42 3.08 -14.05
ASTORIA___5 23518	21.80 1.73 -0.01	21.80 1.63 -0.01	22.69 1.68 0.00	22.44 1.54 0.00	22.40 1.44 0.00	24.25 1.60 0.00	26.98 1.84 0.00	29.42 2.24 0.00	34.10 2.68 0.00	34.85 2.90 0.00	40.94 3.72 -0.13	44.50 3.70 0.00	51.08 3.96 0.00	52.29 4.46 0.00	54.62 4.79 0.00	42.42 4.02 0.00	92.16 8.49 0.00	318.41 28.22 0.00	388.63 33.33 -9.83	56.74 1.74 -34.43	67.55 2.02 -41.00	50.25 2.46 -19.31	57.75 2.22 -31.12	50.42 3.08 -14.05
AST_ENERGY_2_CC3 323677	21.67 1.61 0.00	21.68 1.52 0.00	22.59 1.58 0.00	22.34 1.44 0.00	22.30 1.34 0.00	24.12 1.47 0.00	26.89 1.75 0.00	29.33 2.14 0.00	34.03 2.61 0.00	34.88 2.93 0.00	40.93 3.72 -0.13	44.57 3.77 0.00	51.23 4.12 0.00	52.46 4.62 0.00	54.77 4.94 0.00	42.48 4.07 0.00	92.41 8.74 0.00	319.86 29.67 0.00	401.94 34.57 -21.91	105.01 1.85 -82.60	105.67 2.17 -78.96	62.43 2.58 -31.38	57.80 2.26 -31.12	50.42 3.08 -14.05
AST_ENERGY_2_CC4 323678	21.67 1.61 0.00	21.68 1.52 0.00	22.59 1.58 0.00	22.34 1.44 0.00	22.30 1.34 0.00	24.12 1.47 0.00	26.89 1.75 0.00	29.33 2.14 0.00	34.03 2.61 0.00	34.88 2.93 0.00	40.93 3.72 -0.13	44.57 3.77 0.00	51.23 4.12 0.00	52.46 4.62 0.00	54.77 4.94 0.00	42.48 4.07 0.00	92.41 8.74 0.00	319.86 29.67 0.00	401.94 34.57 -21.91	105.01 1.85 -82.60	105.67 2.17 -78.96	62.43 2.58 -31.38	57.80 2.26 -31.12	50.42 3.08 -14.05

ATHENS_STG_1 23668	20.80 0.74 0.00	20.86 0.70 0.00	21.71 0.71 0.00	21.56 0.66 0.00	21.61 0.65 0.00	23.34 0.69 0.00	25.96 0.81 0.00	28.14 0.95 0.00	32.52 1.10 0.00	33.18 1.23 0.00	38.70 1.62 0.00	42.48 1.67 0.00	49.00 1.88 0.00	49.99 2.15 0.00	52.14 2.30 0.00	40.31 1.90 0.00	87.76 4.08 0.00	304.10 13.91 0.00	370.42 16.42 -8.53	27.77 0.93 -6.26	76.24 1.13 -50.57	48.00 1.33 -18.19	35.87 1.14 -10.32	38.30 1.52 -3.49
ATHENS_STG_2 23670	20.80 0.74 0.00	20.86 0.70 0.00	21.71 0.71 0.00	21.56 0.66 0.00	21.61 0.65 0.00	23.34 0.69 0.00	25.96 0.81 0.00	28.14 0.95 0.00	32.52 1.10 0.00	33.18 1.23 0.00	38.70 1.62 0.00	42.48 1.67 0.00	49.00 1.88 0.00	49.99 2.15 0.00	52.14 2.30 0.00	40.31 1.90 0.00	87.76 4.08 0.00	304.10 13.91 0.00	370.42 16.42 -8.53	27.77 0.93 -6.26	76.24 1.13 -50.57	48.00 1.33 -18.19	35.87 1.14 -10.32	38.30 1.52 -3.49
ATHENS_STG_3 23677	20.80 0.74 0.00	20.86 0.70 0.00	21.71 0.71 0.00	21.56 0.66 0.00	21.61 0.65 0.00	23.34 0.69 0.00	25.96 0.81 0.00	28.14 0.95 0.00	32.52 1.10 0.00	33.18 1.23 0.00	38.70 1.62 0.00	42.48 1.67 0.00	49.00 1.88 0.00	49.99 2.15 0.00	52.14 2.30 0.00	40.31 1.90 0.00	87.76 4.08 0.00	304.10 13.91 0.00	370.42 16.42 -8.53	27.77 0.93 -6.26	76.24 1.13 -50.57	48.00 1.33 -18.19	35.87 1.14 -10.32	38.30 1.52 -3.49
AUBURN___LFGE 323710	20.23 0.16 0.00	20.34 0.18 0.00	20.30 0.15 0.85	18.91 0.16 2.15	18.82 0.18 2.33	21.36 0.28 1.57	25.31 0.38 0.21	28.32 0.60 -0.54	33.40 0.83 -1.15	32.59 0.77 0.13	38.53 1.05 -0.39	44.47 1.28 -2.38	52.43 1.66 -3.65	53.02 1.66 -3.53	52.64 1.36 -1.45	41.53 0.83 -2.29	88.55 2.07 -2.81	302.46 7.95 -4.32	355.97 8.01 -2.49	20.86 0.29 0.00	25.11 0.32 -0.26	30.72 0.30 -1.94	24.84 0.25 -0.18	34.29 0.32 -0.67
BABYLON_RES_REC 323704	21.67 1.61 0.00	22.85 1.63 -1.06	22.72 1.72 0.00	22.52 1.62 0.00	22.48 1.52 0.00	24.30 1.65 0.00	27.09 1.95 0.00	29.33 2.14 0.00	33.77 2.35 0.00	34.34 2.39 0.00	45.13 3.74 -4.31	54.21 3.91 -9.49	53.28 4.39 -1.78	80.08 4.82 -27.42	76.68 5.22 -21.62	121.19 4.29 -78.49	164.14 9.27 -71.20	372.68 31.87 -50.62	420.77 36.99 -38.31	118.03 2.02 -95.43	109.90 2.24 -83.12	62.56 2.67 -31.42	57.89 2.26 -31.23	50.28 2.88 -14.11
BABYLON__69_KV_BK2 356345	22.09 2.03 0.00	23.24 2.03 -1.06	23.14 2.14 0.00	22.93 2.02 0.00	22.89 1.93 0.00	24.75 2.09 0.00	27.60 2.46 0.00	29.88 2.70 0.00	34.43 3.01 0.00	35.05 3.10 0.00	49.90 4.73 -8.08	59.39 4.99 -13.60	56.38 5.63 -3.63	117.36 6.09 -63.43	91.44 6.54 -35.07	148.05 5.30 -104.34	186.52 11.44 -91.40	391.03 39.48 -61.36	434.88 46.01 -43.40	138.81 2.55 -115.69	119.12 2.87 -91.72	63.28 3.39 -31.42	58.53 2.89 -31.23	51.11 3.70 -14.11
BALL_HILL_WT_PWR 323825	19.36 -0.71 0.00	19.65 -0.51 0.00	20.43 -0.57 0.00	20.37 -0.53 0.00	20.51 -0.45 0.00	22.48 -0.17 0.00	24.97 -0.18 0.00	27.50 0.32 0.00	32.36 0.94 0.00	33.01 1.05 0.00	38.37 1.28 0.00	42.76 1.96 0.00	49.43 2.31 0.00	49.10 1.26 0.00	50.60 0.77 0.00	37.39 -0.86 0.16	78.54 -2.98 2.16	269.43 -9.25 11.51	332.53 -13.46 -0.52	19.68 -0.94 -0.06	24.88 -0.54 -0.88	24.32 -0.87 3.29	24.01 -0.89 -0.49	32.35 -0.95 0.00
BARON_WINDS___WT_PWR 323822	19.35 -0.72 0.00	19.54 -0.62 0.00	20.40 -0.61 0.00	20.45 -0.46 0.00	20.58 -0.38 0.00	22.62 -0.03 0.00	25.10 -0.04 0.00	27.56 0.24 -0.13	32.34 0.64 -0.28	32.66 0.68 -0.03	38.30 1.12 -0.10	42.96 1.56 -0.59	49.78 1.76 -0.90	49.95 1.24 -0.87	51.30 1.10 -0.36	38.52 -0.28 -0.39	74.35 -1.85 7.47	220.66 -7.08 62.46	339.07 -7.71 -1.31	19.87 -0.78 -0.08	24.77 -1.01 -1.25	21.65 -1.41 5.41	23.83 -1.22 -0.64	32.16 -1.30 -0.17
BARRETT_IC_1 23704	21.78 1.72 0.00	22.91 1.70 -1.06	22.76 1.76 0.00	22.56 1.65 0.00	22.52 1.56 0.00	24.35 1.70 0.00	27.04 1.89 0.00	29.26 2.08 0.00	33.81 2.39 0.00	34.36 2.41 0.00	42.93 3.65 -2.19	52.05 3.78 -7.47	52.18 4.17 -0.89	61.65 4.77 -9.03	70.19 5.13 -15.22	88.17 4.06 -45.69	131.82 8.68 -39.46	349.23 29.46 -29.58	406.03 34.39 -26.18	105.67 1.87 -83.23	105.64 2.09 -79.02	62.51 2.62 -31.42	58.04 2.40 -31.23	50.56 3.16 -14.11
BARRETT_IC_10 23701	21.78 1.72 0.00	22.91 1.70 -1.06	22.76 1.76 0.00	22.56 1.65 0.00	22.52 1.56 0.00	24.35 1.70 0.00	27.04 1.89 0.00	29.26 2.08 0.00	33.81 2.39 0.00	34.36 2.41 0.00	42.93 3.65 -2.19	52.05 3.78 -7.47	52.18 4.17 -0.89	61.65 4.77 -9.03	70.19 5.13 -15.22	88.17 4.06 -45.69	131.82 8.68 -39.46	349.23 29.46 -29.58	406.03 34.39 -26.18	105.67 1.87 -83.23	105.64 2.09 -79.02	62.51 2.62 -31.42	58.04 2.40 -31.23	50.56 3.16 -14.11
BARRETT_IC_11 23702	21.78 1.72 0.00	22.91 1.70 -1.06	22.76 1.76 0.00	22.56 1.65 0.00	22.52 1.56 0.00	24.35 1.70 0.00	27.04 1.89 0.00	29.26 2.08 0.00	33.81 2.39 0.00	34.36 2.41 0.00	42.93 3.65 -2.19	52.05 3.78 -7.47	52.18 4.17 -0.89	61.65 4.77 -9.03	70.19 5.13 -15.22	88.17 4.06 -45.69	131.82 8.68 -39.46	349.23 29.46 -29.58	406.03 34.39 -26.18	105.67 1.87 -83.23	105.64 2.09 -79.02	62.51 2.62 -31.42	58.04 2.40 -31.23	50.56 3.16 -14.11
BARRETT_IC_12 23703	21.78 1.72 0.00	22.91 1.70 -1.06	22.76 1.76 0.00	22.56 1.65 0.00	22.52 1.56 0.00	24.35 1.70 0.00	27.04 1.89 0.00	29.26 2.08 0.00	33.81 2.39 0.00	34.36 2.41 0.00	42.93 3.65 -2.19	52.05 3.78 -7.47	52.18 4.17 -0.89	61.65 4.77 -9.03	70.19 5.13 -15.22	88.17 4.06 -45.69	131.82 8.68 -39.46	349.23 29.46 -29.58	406.03 34.39 -26.18	105.67 1.87 -83.23	105.64 2.09 -79.02	62.51 2.62 -31.42	58.04 2.40 -31.23	50.56 3.16 -14.11
BARRETT_IC_2 23705	21.78 1.72 0.00	22.91 1.70 -1.06	22.76 1.76 0.00	22.56 1.65 0.00	22.52 1.56 0.00	24.35 1.70 0.00	27.04 1.89 0.00	29.26 2.08 0.00	33.81 2.39 0.00	34.36 2.41 0.00	42.93 3.65 -2.19	52.05 3.78 -7.47	52.18 4.17 -0.89	61.65 4.77 -9.03	70.19 5.13 -15.22	88.17 4.06 -45.69	131.82 8.68 -39.46	349.23 29.46 -29.58	406.03 34.39 -26.18	105.67 1.87 -83.23	105.64 2.09 -79.02	62.51 2.62 -31.42	58.04 2.40 -31.23	50.56 3.16 -14.11
BARRETT_IC_3 23706	21.78 1.72 0.00	22.91 1.70 -1.06	22.76 1.76 0.00	22.56 1.65 0.00	22.52 1.56 0.00	24.35 1.70 0.00	27.04 1.89 0.00	29.26 2.08 0.00	33.81 2.39 0.00	34.36 2.41 0.00	42.93 3.65 -2.19	52.05 3.78 -7.47	52.18 4.17 -0.89	61.65 4.77 -9.03	70.19 5.13 -15.22	88.17 4.06 -45.69	131.82 8.68 -39.46	349.23 29.46 -29.58	406.03 34.39 -26.18	105.67 1.87 -83.23	105.64 2.09 -79.02	62.51 2.62 -31.42	58.04 2.40 -31.23	50.56 3.16 -14.11
BARRETT_IC_4 23707	21.78 1.72 0.00	22.91 1.70 -1.06	22.76 1.76 0.00	22.56 1.65 0.00	22.52 1.56 0.00	24.35 1.70 0.00	27.04 1.89 0.00	29.26 2.08 0.00	33.81 2.39 0.00	34.36 2.41 0.00	42.93 3.65 -2.19	52.05 3.78 -7.47	52.18 4.17 -0.89	61.65 4.77 -9.03	70.19 5.13 -15.22	88.17 4.06 -45.69	131.82 8.68 -39.46	349.23 29.46 -29.58	406.03 34.39 -26.18	105.67 1.87 -83.23	105.64 2.09 -79.02	62.51 2.62 -31.42	58.04 2.40 -31.23	50.56 3.16 -14.11

BARRETT_IC_5 23708	21.78 1.72 0.00	22.91 1.70 -1.06	22.76 1.76 0.00	22.56 1.65 0.00	22.52 1.56 0.00	24.35 1.70 0.00	27.04 1.89 0.00	29.26 2.08 0.00	33.81 2.39 0.00	34.36 2.41 0.00	42.93 3.65 -2.19	52.05 3.78 -7.47	52.18 4.17 -0.89	61.65 4.77 -9.03	70.19 5.13 -15.22	88.17 4.06 -45.69	131.82 8.68 -39.46	349.23 29.46 -29.58	406.03 34.39 -26.18	105.67 1.87 -83.23	105.64 2.09 -79.02	62.51 2.62 -31.42	58.04 2.40 -31.23	50.56 3.16 -14.11
BARRETT_IC_6 23709	21.78 1.72 0.00	22.91 1.70 -1.06	22.76 1.76 0.00	22.56 1.65 0.00	22.52 1.56 0.00	24.35 1.70 0.00	27.04 1.89 0.00	29.26 2.08 0.00	33.81 2.39 0.00	34.36 2.41 0.00	42.93 3.65 -2.19	52.05 3.78 -7.47	52.18 4.17 -0.89	61.65 4.77 -9.03	70.19 5.13 -15.22	88.17 4.06 -45.69	131.82 8.68 -39.46	349.23 29.46 -29.58	406.03 34.39 -26.18	105.67 1.87 -83.23	105.64 2.09 -79.02	62.51 2.62 -31.42	58.04 2.40 -31.23	50.56 3.16 -14.11
BARRETT_IC_7 23710	21.78 1.72 0.00	22.91 1.70 -1.06	22.77 1.76 0.00	22.56 1.66 0.00	22.52 1.56 0.00	24.35 1.70 0.00	27.04 1.89 0.00	29.26 2.08 0.00	33.81 2.39 0.00	34.36 2.41 0.00	42.93 3.65 -2.19	52.05 3.78 -7.47	52.18 4.17 -0.89	61.65 4.78 -9.03	70.18 5.12 -15.22	88.17 4.06 -45.69	131.82 8.69 -39.46	349.25 29.48 -29.58	406.04 34.39 -26.18	105.67 1.87 -83.23	105.65 2.09 -79.03	62.51 2.62 -31.42	58.04 2.40 -31.23	50.56 3.16 -14.11
BARRETT_IC_8 23711	21.78 1.72 0.00	22.91 1.70 -1.06	22.76 1.76 0.00	22.56 1.65 0.00	22.52 1.56 0.00	24.35 1.70 0.00	27.04 1.89 0.00	29.26 2.08 0.00	33.81 2.39 0.00	34.36 2.41 0.00	42.93 3.65 -2.19	52.05 3.78 -7.47	52.18 4.17 -0.89	61.65 4.77 -9.03	70.19 5.13 -15.22	88.17 4.06 -45.69	131.82 8.68 -39.46	349.23 29.46 -29.58	406.03 34.39 -26.18	105.67 1.87 -83.23	105.64 2.09 -79.02	62.51 2.62 -31.42	58.04 2.40 -31.23	50.56 3.16 -14.11
BARRETT_IC_9 23700	21.78 1.72 0.00	22.91 1.70 -1.06	22.76 1.76 0.00	22.56 1.65 0.00	22.52 1.56 0.00	24.35 1.70 0.00	27.04 1.89 0.00	29.26 2.08 0.00	33.81 2.39 0.00	34.36 2.41 0.00	42.93 3.65 -2.19	52.05 3.78 -7.47	52.18 4.17 -0.89	61.65 4.77 -9.03	70.19 5.13 -15.22	88.17 4.06 -45.69	131.82 8.68 -39.46	349.23 29.46 -29.58	406.03 34.39 -26.18	105.67 1.87 -83.23	105.64 2.09 -79.02	62.51 2.62 -31.42	58.04 2.40 -31.23	50.56 3.16 -14.11
BARRETT___1 23545	21.78 1.72 0.00	22.91 1.70 -1.06	22.76 1.76 0.00	22.56 1.65 0.00	22.52 1.56 0.00	24.35 1.70 0.00	27.04 1.89 0.00	29.26 2.08 0.00	33.81 2.39 0.00	34.36 2.41 0.00	42.93 3.65 -2.19	52.05 3.78 -7.47	52.18 4.17 -0.89	61.65 4.77 -9.03	70.19 5.13 -15.22	88.17 4.06 -45.69	131.82 8.68 -39.46	349.23 29.46 -29.58	406.03 34.39 -26.18	105.67 1.87 -83.23	105.64 2.09 -79.02	62.51 2.62 -31.42	58.04 2.40 -31.23	50.56 3.16 -14.11
BARRETT___2 23546	21.78 1.72 0.00	22.91 1.70 -1.06	22.76 1.76 0.00	22.56 1.65 0.00	22.52 1.56 0.00	24.35 1.70 0.00	27.04 1.89 0.00	29.26 2.08 0.00	33.81 2.39 0.00	34.36 2.41 0.00	42.93 3.65 -2.19	52.05 3.78 -7.47	52.18 4.17 -0.89	61.65 4.77 -9.03	70.19 5.13 -15.22	88.17 4.06 -45.69	131.82 8.68 -39.46	349.23 29.46 -29.58	406.03 34.39 -26.18	105.67 1.87 -83.23	105.64 2.09 -79.02	62.51 2.62 -31.42	58.04 2.40 -31.23	50.56 3.16 -14.11
BATAVIA__115KV_TB1 55881	19.70 -0.36 0.00	19.97 -0.18 0.00	20.78 -0.22 0.00	20.71 -0.19 0.00	20.86 -0.10 0.00	22.83 0.18 0.00	25.41 0.26 0.00	27.98 0.79 0.00	32.90 1.48 0.00	33.41 1.46 0.00	38.51 1.42 0.00	42.72 1.92 0.00	49.43 2.32 0.00	49.31 1.47 0.00	50.98 1.14 0.00	39.12 -0.24 -0.95	86.80 -1.41 -4.54	279.70 -5.82 4.66	334.66 -10.81 0.00	19.96 -0.61 0.00	24.26 -0.28 0.00	26.30 0.04 2.22	24.06 -0.26 0.09	33.01 -0.29 0.00
BAYONEEC___CTG1 323682	21.71 1.64 0.00	21.71 1.55 0.00	22.61 1.61 0.00	22.37 1.47 0.00	22.32 1.36 0.00	24.15 1.50 0.00	26.93 1.79 0.00	29.37 2.19 0.00	34.09 2.67 0.00	34.94 2.99 0.00	40.98 3.76 -0.13	44.61 3.80 0.00	51.26 4.15 0.00	52.49 4.65 0.00	54.12 4.95 0.66	42.31 4.08 0.19	85.71 8.76 6.72	303.30 29.67 16.56	377.80 34.63 2.30	44.09 1.85 -21.67	86.77 2.18 -60.06	49.30 2.58 -18.25	44.74 2.28 -18.06	50.44 3.10 -14.05
BAYONEEC___CTG10 323750	21.71 1.64 0.00	21.71 1.55 0.00	22.61 1.61 0.00	22.37 1.47 0.00	22.32 1.36 0.00	24.15 1.50 0.00	26.93 1.79 0.00	29.37 2.19 0.00	34.09 2.67 0.00	34.94 2.99 0.00	40.98 3.76 -0.13	44.61 3.80 0.00	51.26 4.15 0.00	52.49 4.65 0.00	54.12 4.95 0.66	42.31 4.08 0.19	85.71 8.76 6.72	303.30 29.67 16.56	377.80 34.63 2.30	44.09 1.85 -21.67	86.77 2.18 -60.06	49.30 2.58 -18.25	44.74 2.28 -18.06	50.44 3.10 -14.05
BAYONEEC___CTG2 323683	21.71 1.64 0.00	21.71 1.55 0.00	22.61 1.61 0.00	22.37 1.47 0.00	22.32 1.36 0.00	24.15 1.50 0.00	26.93 1.79 0.00	29.37 2.19 0.00	34.09 2.67 0.00	34.94 2.99 0.00	40.98 3.76 -0.13	44.61 3.80 0.00	51.26 4.15 0.00	52.49 4.65 0.00	54.12 4.95 0.66	42.31 4.08 0.19	85.71 8.76 6.72	303.30 29.67 16.56	377.80 34.63 2.30	44.09 1.85 -21.67	86.77 2.18 -60.06	49.30 2.58 -18.25	44.74 2.28 -18.06	50.44 3.10 -14.05
BAYONEEC___CTG3 323684	21.71 1.64 0.00	21.71 1.55 0.00	22.61 1.61 0.00	22.37 1.47 0.00	22.32 1.36 0.00	24.15 1.50 0.00	26.93 1.79 0.00	29.37 2.19 0.00	34.09 2.67 0.00	34.94 2.99 0.00	40.98 3.76 -0.13	44.61 3.80 0.00	51.26 4.15 0.00	52.49 4.65 0.00	54.12 4.95 0.66	42.31 4.08 0.19	85.71 8.76 6.72	303.30 29.67 16.56	377.80 34.63 2.30	44.09 1.85 -21.67	86.77 2.18 -60.06	49.30 2.58 -18.25	44.74 2.28 -18.06	50.44 3.10 -14.05
BAYONEEC___CTG4 323685	21.71 1.64 0.00	21.71 1.55 0.00	22.61 1.61 0.00	22.37 1.47 0.00	22.32 1.36 0.00	24.15 1.50 0.00	26.93 1.79 0.00	29.37 2.19 0.00	34.09 2.67 0.00	34.94 2.99 0.00	40.98 3.76 -0.13	44.61 3.80 0.00	51.26 4.15 0.00	52.49 4.65 0.00	54.12 4.95 0.66	42.31 4.08 0.19	85.71 8.76 6.72	303.30 29.67 16.56	377.80 34.63 2.30	44.09 1.85 -21.67	86.77 2.18 -60.06	49.30 2.58 -18.25	44.74 2.28 -18.06	50.44 3.10 -14.05
BAYONEEC___CTG5 323686	21.71 1.64 0.00	21.71 1.55 0.00	22.61 1.61 0.00	22.37 1.47 0.00	22.32 1.36 0.00	24.15 1.50 0.00	26.93 1.79 0.00	29.37 2.19 0.00	34.09 2.67 0.00	34.94 2.99 0.00	40.98 3.76 -0.13	44.61 3.80 0.00	51.26 4.15 0.00	52.49 4.65 0.00	54.12 4.95 0.66	42.31 4.08 0.19	85.71 8.76 6.72	303.30 29.67 16.56	377.80 34.63 2.30	44.09 1.85 -21.67	86.77 2.18 -60.06	49.30 2.58 -18.25	44.74 2.28 -18.06	50.44 3.10 -14.05
BAYONEEC___CTG6 323687	21.71 1.64 0.00	21.71 1.55 0.00	22.61 1.61 0.00	22.37 1.47 0.00	22.32 1.36 0.00	24.15 1.50 0.00	26.93 1.79 0.00	29.37 2.19 0.00	34.09 2.67 0.00	34.94 2.99 0.00	40.98 3.76 -0.13	44.61 3.80 0.00	51.26 4.15 0.00	52.49 4.65 0.00	54.12 4.95 0.66	42.31 4.08 0.19	85.71 8.76 6.72	303.30 29.67 16.56	377.80 34.63 2.30	44.09 1.85 -21.67	86.77 2.18 -60.06	49.30 2.58 -18.25	44.74 2.28 -18.06	50.44 3.10 -14.05

BAYONEEC___CTG7 323688	21.71 1.64 0.00	21.71 1.55 0.00	22.61 1.61 0.00	22.37 1.47 0.00	22.32 1.36 0.00	24.15 1.50 0.00	26.93 1.79 0.00	29.37 2.19 0.00	34.09 2.67 0.00	34.94 2.99 0.00	40.98 3.76 -0.13	44.61 3.80 0.00	51.26 4.15 0.00	52.49 4.65 0.00	54.12 4.95 0.66	42.31 4.08 0.19	85.71 8.76 6.72	303.30 29.67 16.56	377.80 34.63 2.30	44.09 1.85 -21.67	86.77 2.18 -60.06	49.30 2.58 -18.25	44.74 2.28 -18.06	50.44 3.10 -14.05
BAYONEEC___CTG8 323689	21.71 1.64 0.00	21.71 1.55 0.00	22.61 1.61 0.00	22.37 1.47 0.00	22.32 1.36 0.00	24.15 1.50 0.00	26.93 1.79 0.00	29.37 2.19 0.00	34.09 2.67 0.00	34.94 2.99 0.00	40.98 3.76 -0.13	44.61 3.80 0.00	51.26 4.15 0.00	52.49 4.65 0.00	54.12 4.95 0.66	42.31 4.08 0.19	85.71 8.76 6.72	303.30 29.67 16.56	377.80 34.63 2.30	44.09 1.85 -21.67	86.77 2.18 -60.06	49.30 2.58 -18.25	44.74 2.28 -18.06	50.44 3.10 -14.05
BAYONEEC___CTG9 323749	21.71 1.64 0.00	21.71 1.55 0.00	22.61 1.61 0.00	22.37 1.47 0.00	22.32 1.36 0.00	24.15 1.50 0.00	26.93 1.79 0.00	29.37 2.19 0.00	34.09 2.67 0.00	34.94 2.99 0.00	40.98 3.76 -0.13	44.61 3.80 0.00	51.26 4.15 0.00	52.49 4.65 0.00	54.12 4.95 0.66	42.31 4.08 0.19	85.71 8.76 6.72	303.30 29.67 16.56	377.80 34.63 2.30	44.09 1.85 -21.67	86.77 2.18 -60.06	49.30 2.58 -18.25	44.74 2.28 -18.06	50.44 3.10 -14.05
BEACON___LESR 323632	20.72 0.66 0.00	20.80 0.64 0.00	21.65 0.65 0.00	21.58 0.68 0.00	21.61 0.65 0.00	23.37 0.72 0.00	26.01 0.86 0.00	28.12 0.94 0.00	32.35 0.93 0.00	32.97 1.02 0.00	38.46 1.37 0.00	42.20 1.39 0.00	48.67 1.56 0.00	49.75 1.91 0.00	51.93 2.10 0.00	40.12 1.71 0.00	87.51 3.84 0.00	303.55 13.37 0.00	375.04 16.22 -13.35	39.61 0.91 -18.13	322.83 1.21 -297.09	145.04 1.28 -115.29	41.49 1.07 -16.00	37.58 1.54 -2.74
BEAVER RIVER___HYD 24048	19.53 -0.53 0.00	19.72 -0.44 0.00	3.88 -0.69 16.43	-21.37 -0.73 41.55	-24.76 -0.71 45.02	-8.27 -0.62 30.30	20.66 -0.45 4.03	27.21 -0.29 -0.31	31.83 -0.26 -0.67	26.79 -0.35 4.82	37.04 -0.28 -0.23	41.05 -0.58 -0.82	48.10 -1.12 -2.10	48.77 -1.13 -2.05	49.41 -1.27 -0.84	35.93 -1.09 1.39	83.19 -1.60 -1.12	285.74 -4.63 -0.17	346.35 -0.56 -1.45	20.54 -0.03 0.00	-10.52 -0.57 34.48	28.59 -0.29 -0.39	24.40 -0.09 -0.08	33.54 -0.15 -0.39
BEEBEE_GT_13 23619	19.73 -0.33 0.00	19.94 -0.22 0.00	20.74 -0.26 0.00	20.65 -0.25 0.00	20.76 -0.20 0.00	22.63 -0.03 0.00	25.14 -0.01 0.00	27.52 0.34 0.00	32.23 0.81 0.00	32.84 0.89 0.00	38.22 1.14 0.00	42.50 1.69 0.00	49.21 2.10 0.00	49.37 1.53 0.00	51.18 1.35 0.00	38.81 0.27 -0.13	84.43 0.02 -0.73	289.66 -0.70 -0.17	341.92 -3.55 0.00	20.33 -0.24 0.00	24.46 -0.08 0.00	26.69 -0.11 1.67	24.07 -0.27 0.06	32.95 -0.34 0.00
BENSHRST_27_KV_BENSHRST_1 355998	22.07 1.98 -0.03	22.07 1.90 -0.01	22.95 1.95 0.00	22.70 1.80 0.00	22.66 1.70 0.00	24.52 1.87 0.00	27.31 2.16 0.00	29.78 2.60 0.00	34.56 3.14 0.00	35.40 3.44 0.00	41.59 4.37 -0.13	45.18 4.37 0.00	51.88 4.77 0.00	53.12 5.28 0.00	55.51 5.67 0.00	43.05 4.64 0.00	93.57 9.89 0.00	323.61 33.42 0.00	429.17 39.44 -44.26	158.50 2.08 -135.85	159.72 2.44 -132.75	85.11 2.94 -53.70	97.59 2.66 -70.52	50.95 3.61 -14.05
BETHLEHEM___GRP 23843	20.45 0.38 0.00	20.54 0.38 0.00	21.39 0.38 0.00	21.29 0.38 0.00	21.34 0.38 0.00	23.05 0.40 0.00	25.59 0.45 0.00	27.67 0.49 0.00	31.85 0.43 0.00	32.40 0.45 0.00	37.67 0.58 0.00	41.32 0.51 0.00	47.78 0.67 0.00	48.82 0.98 0.00	50.92 1.09 0.00	39.38 0.97 0.00	85.78 2.11 0.00	297.37 7.19 0.00	367.25 8.61 -13.17	38.96 0.50 -17.89	325.32 0.63 -300.15	142.15 0.75 -112.92	40.86 0.65 -15.80	36.89 0.89 -2.71
BETHLEHEM___GS1 323560	20.45 0.39 0.00	20.54 0.38 0.00	21.39 0.38 0.00	21.29 0.38 0.00	21.34 0.38 0.00	23.05 0.40 0.00	25.59 0.45 0.00	27.67 0.49 0.00	31.85 0.43 0.00	32.40 0.45 0.00	37.67 0.59 0.00	41.32 0.51 0.00	47.78 0.67 0.00	48.82 0.98 0.00	50.92 1.09 0.00	39.38 0.97 0.00	85.78 2.11 0.00	297.35 7.16 0.00	367.29 8.66 -13.17	38.96 0.50 -17.89	325.32 0.63 -300.15	142.15 0.75 -112.92	40.86 0.65 -15.80	36.89 0.89 -2.71
BETHLEHEM___GS2 323561	20.45 0.39 0.00	20.54 0.38 0.00	21.39 0.38 0.00	21.29 0.38 0.00	21.34 0.38 0.00	23.05 0.40 0.00	25.59 0.45 0.00	27.67 0.49 0.00	31.85 0.43 0.00	32.40 0.45 0.00	37.67 0.59 0.00	41.32 0.51 0.00	47.78 0.67 0.00	48.82 0.98 0.00	50.92 1.09 0.00	39.38 0.97 0.00	85.78 2.11 0.00	297.35 7.16 0.00	367.29 8.66 -13.17	38.96 0.50 -17.89	325.32 0.63 -300.15	142.15 0.75 -112.92	40.86 0.65 -15.80	36.89 0.89 -2.71
BETHLEHEM___GS3 323562	20.45 0.39 0.00	20.54 0.38 0.00	21.39 0.38 0.00	21.29 0.38 0.00	21.34 0.38 0.00	23.05 0.40 0.00	25.59 0.45 0.00	27.67 0.49 0.00	31.85 0.43 0.00	32.40 0.45 0.00	37.67 0.59 0.00	41.32 0.51 0.00	47.78 0.67 0.00	48.82 0.98 0.00	50.92 1.09 0.00	39.38 0.97 0.00	85.78 2.11 0.00	297.35 7.16 0.00	367.29 8.66 -13.17	38.96 0.50 -17.89	325.32 0.63 -300.15	142.15 0.75 -112.92	40.86 0.65 -15.80	36.89 0.89 -2.71
BETHLEHEM___STEEL 23779	19.25 -0.82 0.00	19.57 -0.59 0.00	20.36 -0.64 0.00	20.29 -0.61 0.00	20.44 -0.52 0.00	22.40 -0.25 0.00	24.88 -0.27 0.00	27.38 0.20 0.00	32.19 0.78 0.00	32.84 0.89 0.00	38.15 1.06 0.00	42.56 1.76 0.00	49.22 2.11 0.00	48.85 1.01 0.00	50.53 0.70 0.00	37.44 -0.97 0.00	79.26 -3.16 1.26	269.19 -9.92 11.08	331.82 -14.15 -0.51	19.66 -0.97 -0.06	24.75 -0.64 -0.87	24.42 -0.88 3.18	23.91 -0.98 -0.48	32.20 -1.10 0.00
BETHLHEM_115KV_TB1 79974	20.48 0.42 0.00	20.58 0.42 0.00	21.43 0.42 0.00	21.32 0.42 0.00	21.37 0.41 0.00	23.09 0.44 0.00	25.64 0.49 0.00	27.72 0.54 0.00	31.93 0.51 0.00	32.49 0.53 0.00	37.79 0.70 0.00	41.44 0.64 0.00	47.91 0.80 0.00	48.93 1.09 0.00	51.03 1.20 0.00	39.46 1.05 0.00	85.95 2.27 0.00	298.00 7.81 0.00	367.63 9.30 -12.86	38.78 0.54 -17.67	311.74 0.68 -286.52	136.99 0.81 -107.70	40.54 0.70 -15.42	36.94 0.95 -2.69
BETHPAGE_CC_5 323564	21.72 1.66 0.00	22.88 1.66 -1.06	22.78 1.78 0.00	22.59 1.68 0.00	22.56 1.59 0.00	24.37 1.72 0.00	27.14 2.00 0.00	29.35 2.16 0.00	33.86 2.44 0.00	34.46 2.51 0.00	44.17 3.93 -3.15	53.11 4.19 -8.12	52.88 4.62 -1.14	68.63 5.15 -15.64	72.45 5.57 -17.05	118.64 4.53 -75.70	164.24 9.76 -70.80	375.19 33.37 -51.63	423.79 38.90 -39.42	111.99 2.12 -89.30	107.09 2.36 -80.20	62.70 2.81 -31.42	58.03 2.39 -31.23	50.48 3.08 -14.11
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	19.30 -0.76 0.00	19.62 -0.54 0.00	20.42 -0.59 0.00	20.35 -0.55 0.00	20.50 -0.47 0.00	22.46 -0.19 0.00	24.94 -0.20 0.00	27.46 0.28 0.00	32.30 0.88 0.00	32.94 0.99 0.00	38.27 1.18 0.00	42.72 1.91 0.00	49.40 2.29 0.00	49.07 1.23 0.00	50.78 0.94 0.00	37.61 -0.80 0.00	79.72 -2.77 1.19	271.23 -8.51 10.44	333.40 -12.59 -0.52	19.74 -0.89 -0.06	24.86 -0.55 -0.88	24.44 -0.79 3.24	24.00 -0.90 -0.48	32.29 -1.00 0.00

BINGHAMTON___COGEN 23790	20.20 0.14 0.00	20.31 0.15 0.00	21.15 0.14 0.00	21.06 0.15 0.00	21.10 0.14 0.00	22.93 0.27 0.00	25.49 0.34 0.00	28.01 0.58 -0.24	32.79 0.86 -0.51	32.96 0.95 -0.06	38.49 1.23 -0.17	43.41 1.53 -1.07	50.42 1.68 -1.63	50.99 1.58 -1.58	52.12 1.64 -0.65	40.46 1.03 -1.02	86.92 2.06 -1.18	299.03 7.59 -1.25	356.41 8.74 -2.20	21.08 0.27 -0.25	48.05 0.38 -23.14	36.12 0.29 -7.35	25.93 0.22 -1.30	33.94 0.35 -0.30
BIXINCNT_115KV_LOAD 355685	19.19 -0.87 0.00	19.59 -0.57 0.00	20.44 -0.56 0.00	20.46 -0.45 0.00	20.61 -0.36 0.00	22.64 -0.01 0.00	25.11 -0.04 0.00	27.62 0.44 0.00	32.53 1.11 0.00	33.18 1.23 0.00	38.55 1.46 0.00	42.91 2.11 0.00	49.60 2.48 0.00	49.45 1.61 0.00	50.97 1.13 0.00	37.48 -0.85 0.07	79.87 -2.61 1.20	274.34 -8.76 7.09	332.63 -13.39 -0.55	19.52 -1.11 -0.06	24.62 -0.85 -0.94	23.65 -1.22 3.61	23.88 -1.04 -0.51	32.20 -1.09 0.00
BLACK RIVER___HYD 24047	19.62 -0.44 0.00	19.83 -0.32 0.00	8.93 -0.61 11.47	-8.72 -0.62 29.01	-11.05 -0.58 31.43	1.02 -0.48 21.16	22.08 -0.25 2.82	27.68 -0.04 -0.54	32.61 0.06 -1.14	28.59 -0.08 3.29	37.62 0.14 -0.39	42.69 -0.08 -1.97	50.15 -0.55 -3.58	50.67 -0.64 -3.48	50.43 -0.83 -1.43	37.91 -0.88 -0.38	84.94 -1.05 -2.31	289.60 -2.35 -1.76	351.00 3.08 -2.45	20.78 0.21 0.00	0.67 -0.38 23.48	29.11 -0.03 -0.67	24.61 0.06 -0.13	33.93 -0.03 -0.66
BLACKRVR_115KV_TB2 79977	19.62 -0.44 0.00	19.83 -0.32 0.00	8.93 -0.61 11.47	-8.72 -0.62 29.01	-11.05 -0.58 31.43	1.02 -0.48 21.16	22.08 -0.25 2.82	27.68 -0.04 -0.54	32.61 0.05 -1.14	28.59 -0.08 3.29	37.62 0.14 -0.39	42.69 -0.08 -1.97	50.15 -0.55 -3.58	50.67 -0.64 -3.48	50.43 -0.83 -1.43	37.91 -0.88 -0.38	84.94 -1.05 -2.31	289.59 -2.36 -1.76	351.04 3.12 -2.45	20.78 0.21 0.00	0.67 -0.38 23.48	29.12 -0.03 -0.67	24.61 0.06 -0.13	33.93 -0.03 -0.66
BLISS_WT_PWR 323608	19.10 -0.96 0.00	19.53 -0.63 0.00	20.38 -0.62 0.00	20.44 -0.47 0.00	20.58 -0.38 0.00	22.63 -0.02 0.00	25.09 -0.05 0.00	27.60 0.42 0.00	32.53 1.11 0.00	33.17 1.22 0.00	38.55 1.46 0.00	42.90 2.10 0.00	49.62 2.51 0.00	49.49 1.65 0.00	50.89 1.06 0.00	37.36 -0.98 0.07	79.64 -2.84 1.20	273.16 -9.94 7.09	330.75 -15.27 -0.55	19.43 -1.20 -0.06	24.49 -0.98 -0.94	23.45 -1.42 3.61	23.79 -1.13 -0.51	32.10 -1.20 0.00
BLUESTONE___WT_PWR 323821	21.24 1.18 0.00	21.31 1.15 0.00	22.16 1.16 0.00	22.04 1.14 0.00	22.12 1.16 0.00	23.90 1.25 0.00	26.65 1.51 0.00	29.23 1.84 -0.21	34.37 2.51 -0.44	34.57 2.57 -0.05	40.26 3.03 -0.15	45.07 3.34 -0.93	52.43 3.91 -1.40	52.98 3.79 -1.36	54.11 3.72 -0.56	42.01 2.72 -0.88	90.60 5.92 -1.01	313.25 21.98 -1.08	375.16 27.09 -2.60	22.30 0.57 -1.16	69.36 1.35 -43.47	47.89 1.82 -17.59	27.90 1.44 -2.05	34.82 1.27 -0.26
BLUE_CIRC_CHEM_DRP 24182	20.61 0.54 0.00	20.72 0.56 0.00	21.57 0.58 0.00	21.49 0.58 0.00	21.56 0.59 0.00	23.30 0.65 0.00	25.85 0.71 0.00	27.88 0.69 0.00	32.11 0.69 0.00	32.62 0.67 0.00	37.85 0.77 0.00	40.90 0.09 0.00	47.10 -0.01 0.00	47.97 0.13 0.00	49.99 0.15 0.00	38.61 0.20 0.00	84.32 0.64 0.00	292.48 2.29 0.00	359.90 2.90 -11.53	37.76 0.24 -16.95	249.53 0.36 -224.64	113.97 0.46 -85.03	38.34 0.55 -13.37	36.92 1.15 -2.47
BOC_GAS_DRP 24189	20.54 0.48 0.00	20.64 0.48 0.00	21.48 0.48 0.00	21.37 0.46 0.00	21.42 0.46 0.00	23.14 0.49 0.00	25.70 0.56 0.00	27.81 0.63 0.00	32.08 0.66 0.00	32.67 0.72 0.00	38.02 0.93 0.00	41.70 0.89 0.00	48.15 1.04 0.00	49.10 1.26 0.00	51.19 1.36 0.00	39.56 1.15 0.00	86.14 2.46 0.00	298.55 8.37 0.00	366.44 9.85 -11.12	36.01 0.57 -14.86	236.02 0.73 -210.75	108.03 0.86 -78.70	38.50 0.75 -13.34	36.91 1.05 -2.57
BOONVILLE_115KV_TB1 79983	20.30 0.24 0.00	20.42 0.26 0.00	14.94 0.14 6.20	5.32 0.11 15.69	4.08 0.12 17.00	11.45 0.24 11.44	24.03 0.41 1.52	27.95 0.62 -0.15	32.51 0.77 -0.32	30.92 0.78 1.81	38.08 0.88 -0.11	42.15 0.90 -0.45	48.99 0.87 -1.01	49.79 0.97 -0.98	51.20 0.97 -0.40	39.09 0.73 0.05	86.30 2.00 -0.63	298.36 7.75 -0.41	358.55 12.39 -0.69	21.23 0.66 0.00	41.83 0.52 -16.77	29.38 0.72 -0.19	25.11 0.67 -0.04	34.34 0.86 -0.19
BORALEX_4TH_BRANCH 23824	21.29 1.23 0.00	21.42 1.26 0.00	22.28 1.27 0.00	22.23 1.33 0.00	22.27 1.31 0.00	24.05 1.40 0.00	26.63 1.49 0.00	28.74 1.55 0.00	32.96 1.54 0.00	33.41 1.46 0.00	38.79 1.70 0.00	42.69 1.89 0.00	49.54 2.43 0.00	50.95 3.11 0.00	53.22 3.39 0.00	41.07 2.66 0.00	89.26 5.58 0.00	309.74 19.56 0.00	385.47 23.87 -16.13	45.49 1.38 -23.54	457.98 1.84 -431.61	184.92 2.10 -154.35	45.77 1.77 -19.58	38.95 2.40 -3.26
BOWLINE___1 23526	21.36 1.29 0.00	21.41 1.25 0.00	22.28 1.28 0.00	22.06 1.16 0.00	22.04 1.08 0.00	23.83 1.18 0.00	26.56 1.42 0.00	28.93 1.75 0.00	33.55 2.13 0.00	34.36 2.41 0.00	40.21 3.12 0.00	44.04 3.24 0.00	50.70 3.59 0.00	51.89 4.05 0.00	54.16 4.32 0.00	41.93 3.52 0.00	91.31 7.64 0.00	316.14 25.95 0.00	404.29 30.97 -27.85	123.59 1.70 -101.32	110.49 1.95 -84.00	65.43 2.28 -34.68	9.77 1.95 16.60	29.74 2.61 6.16
BOWLINE___2 23595	21.34 1.27 0.00	21.40 1.24 0.00	22.28 1.27 0.00	22.06 1.15 0.00	22.03 1.07 0.00	23.82 1.17 0.00	26.54 1.40 0.00	28.90 1.72 0.00	33.50 2.08 0.00	34.31 2.36 0.00	40.14 3.06 0.00	43.98 3.17 0.00	50.61 3.50 0.00	51.81 3.97 0.00	54.07 4.24 0.00	41.86 3.46 0.00	91.15 7.48 0.00	315.71 25.53 0.00	403.62 30.39 -27.76	123.27 1.66 -101.04	110.34 1.91 -83.90	65.32 2.23 -34.62	9.68 1.91 16.64	29.66 2.55 6.19
BRADY___115KV_TB2 356060	19.72 -0.35 0.00	19.86 -0.30 0.00	-35.95 -0.31 56.65	-122.66 -0.30 143.27	-134.56 -0.30 155.23	-82.19 -0.36 104.49	10.77 -0.47 13.91	26.46 -0.71 0.01	30.39 -1.03 0.00	13.71 -1.37 16.87	35.31 -1.78 0.00	36.73 -2.09 1.99	44.77 -2.28 0.06	45.31 -2.53 0.00	47.26 -2.57 0.00	27.29 -2.21 8.91	77.73 -4.61 1.34	269.40 -16.00 4.78	328.70 -16.76 0.00	19.85 -0.72 0.00	16.34 -0.77 7.42	27.68 -0.80 0.00	23.69 -0.72 0.00	32.39 -0.91 0.00
BRANSCOMB___SOLAR 323811	21.17 1.11 0.00	21.26 1.10 0.00	22.11 1.11 0.00	22.05 1.15 0.00	22.11 1.14 0.00	23.95 1.30 0.00	26.58 1.44 0.00	28.69 1.51 0.00	33.04 1.62 0.00	33.62 1.67 0.00	38.91 1.82 0.00	42.78 1.98 0.00	49.55 2.43 0.00	50.67 2.83 0.00	52.92 3.09 0.00	40.87 2.46 0.00	89.52 5.84 0.00	310.63 20.44 0.00	389.91 26.56 -17.88	41.35 1.60 -19.18	590.76 1.98 -564.24	233.55 2.17 -202.91	47.72 1.93 -21.38	38.42 2.49 -2.64
BRENTWOD_69_KV_W. BRTWOOD 56703	21.93 1.87 0.00	23.12 1.90 -1.06	23.02 2.01 0.00	22.81 1.90 0.00	22.79 1.83 0.00	24.62 1.97 0.00	27.46 2.31 0.00	29.68 2.50 0.00	34.17 2.75 0.00	34.74 2.79 0.00	50.23 4.34 -8.81	59.03 4.41 -13.81	55.69 4.90 -3.67	119.84 5.35 -66.65	90.92 5.74 -35.35	141.17 4.67 -98.09	178.23 10.06 -84.49	381.13 34.63 -56.31	425.93 40.18 -40.29	138.05 2.21 -115.27	118.89 2.46 -91.90	62.85 2.96 -31.42	58.26 2.62 -31.23	50.76 3.35 -14.11

BRISTLHL_115KV_TB1 79998	19.83 -0.24 0.00	19.91 -0.25 0.00	19.25 -0.30 1.46	16.92 -0.31 3.68	16.68 -0.29 3.99	19.70 -0.27 2.69	24.51 -0.27 0.36	28.17 -0.20 -1.18	33.75 -0.17 -2.50	31.46 -0.34 0.15	37.84 -0.11 -0.85	46.05 0.08 -5.17	55.13 0.11 -7.91	55.50 0.02 -7.65	52.87 -0.10 -3.14	43.31 -0.06 -4.96	89.25 -0.14 -5.71	296.45 0.18 -6.09	350.70 -0.17 -5.40	20.46 -0.11 0.00	23.16 -0.15 1.22	29.73 -0.23 -1.48	24.43 -0.27 -0.29	34.33 -0.43 -1.46
BROOKHAVEN___DRP 24191	21.88 1.82 0.00	23.02 1.81 -1.06	22.90 1.90 0.00	22.68 1.78 0.00	22.64 1.69 0.00	24.46 1.81 0.00	27.32 2.17 0.00	29.59 2.41 0.00	34.06 2.64 0.00	34.57 2.62 0.00	71.86 4.50 -30.27	82.42 4.79 -36.83	66.37 5.24 -14.01	322.93 5.87 -269.22	166.39 6.19 -110.37	299.06 4.95 -255.71	305.93 10.56 -211.68	453.22 36.38 -126.65	462.33 41.83 -75.04	252.87 2.32 -229.98	167.02 2.63 -139.85	63.01 3.11 -31.42	58.26 2.63 -31.23	50.72 3.32 -14.11
BROOKLYN_NAVY_YARD 23515	21.70 1.64 0.00	21.71 1.54 0.00	22.61 1.61 0.00	22.36 1.45 0.00	22.32 1.36 0.00	24.15 1.50 0.00	26.92 1.78 0.00	29.38 2.20 0.00	34.13 2.71 0.00	35.01 3.06 0.00	41.08 3.87 -0.13	44.77 3.97 0.00	51.48 4.36 0.00	52.69 4.85 0.00	55.00 5.17 0.00	42.64 4.23 0.00	92.82 9.14 0.00	321.18 31.00 0.00	403.48 36.11 -21.91	105.10 1.94 -82.60	105.78 2.28 -78.96	62.56 2.71 -31.38	57.91 2.38 -31.12	50.56 3.22 -14.05
BROOKLYN___ARMY_DRP 323595	21.91 1.82 -0.03	21.91 1.75 -0.01	22.80 1.80 0.00	22.55 1.65 0.00	22.51 1.55 0.00	24.36 1.71 0.00	27.13 1.98 0.00	29.57 2.39 0.00	34.31 2.89 0.00	35.12 3.16 0.00	41.25 4.03 -0.13	44.78 3.98 0.00	51.43 4.31 0.00	52.64 4.80 0.00	55.00 5.16 0.00	42.66 4.25 0.00	92.72 9.05 0.00	320.53 30.34 0.00	425.46 35.73 -44.26	158.29 1.87 -135.85	159.46 2.17 -132.75	84.82 2.65 -53.70	97.34 2.41 -70.52	50.64 3.29 -14.05
BROOKVLE_69_KV_TB1 55790	21.99 1.93 0.00	23.13 1.92 -1.06	22.99 1.99 0.00	22.78 1.87 0.00	22.75 1.79 0.00	24.60 1.94 0.00	27.39 2.25 0.00	29.71 2.53 0.00	34.37 2.95 0.00	34.96 3.01 0.00	43.86 4.59 -2.19	53.10 4.83 -7.47	53.27 5.27 -0.89	62.71 5.84 -9.03	71.40 6.35 -15.22	184.02 5.16 -140.46	236.49 11.08 -141.73	431.20 37.79 -103.23	460.57 44.01 -71.09	118.06 2.42 -95.07	106.28 2.72 -79.03	63.09 3.20 -31.42	58.36 2.72 -31.23	50.90 3.50 -14.11
BROOME_2_LFGE 323671	20.20 0.14 0.00	20.31 0.15 0.00	21.15 0.15 0.00	21.06 0.16 0.00	21.11 0.15 0.00	22.93 0.27 0.00	25.49 0.34 0.00	28.01 0.58 -0.24	32.79 0.86 -0.51	32.96 0.96 -0.06	38.49 1.23 -0.17	43.41 1.54 -1.07	50.42 1.68 -1.63	50.99 1.57 -1.58	52.12 1.64 -0.65	40.46 1.03 -1.02	86.91 2.06 -1.18	299.07 7.63 -1.25	356.36 8.69 -2.20	21.08 0.26 -0.25	48.04 0.37 -23.14	36.11 0.28 -7.35	25.93 0.22 -1.30	33.94 0.35 -0.30
BROOME___LFGE 323600	20.20 0.14 0.00	20.31 0.15 0.00	21.15 0.15 0.00	21.06 0.16 0.00	21.11 0.15 0.00	22.93 0.27 0.00	25.49 0.34 0.00	28.01 0.58 -0.24	32.79 0.86 -0.51	32.96 0.96 -0.06	38.49 1.23 -0.17	43.41 1.54 -1.07	50.42 1.68 -1.63	50.99 1.57 -1.58	52.12 1.64 -0.65	40.46 1.03 -1.02	86.91 2.06 -1.18	299.07 7.63 -1.25	356.36 8.69 -2.20	21.08 0.26 -0.25	48.04 0.37 -23.14	36.11 0.28 -7.35	25.93 0.22 -1.30	33.94 0.35 -0.30
BROWNFLS_115KV_TB_3_5 80003	19.23 -0.84 0.00	19.40 -0.76 0.00	-9.50 -0.97 29.53	-54.78 -0.99 74.69	-60.95 -0.98 80.93	-32.82 -0.99 54.48	16.95 -0.94 7.25	26.49 -0.91 -0.21	30.89 -0.99 -0.46	22.09 -1.11 8.75	36.05 -1.19 -0.16	39.21 -1.52 0.08	46.49 -2.04 -1.42	47.12 -2.12 -1.40	48.17 -2.24 -0.57	32.30 -1.84 4.27	80.47 -3.47 -0.27	277.23 -11.29 1.67	337.16 -9.29 -0.99	20.06 -0.51 0.00	-0.15 -0.97 23.71	27.87 -0.88 -0.27	23.78 -0.69 -0.05	32.68 -0.87 -0.27
BROWNSV1_27_KV_LOAD 356125	22.00 1.94 0.00	22.01 1.85 0.00	22.91 1.91 0.00	22.66 1.76 0.00	22.61 1.65 0.00	24.46 1.81 0.00	27.28 2.14 0.00	29.77 2.59 0.00	34.58 3.16 0.00	35.45 3.50 0.00	41.62 4.41 -0.13	45.35 4.55 0.00	52.15 5.03 0.00	53.40 5.56 0.00	55.75 5.92 0.00	43.25 4.84 0.00	94.08 10.40 0.00	325.72 35.53 0.00	408.85 41.47 -21.91	105.43 2.26 -82.60	106.16 2.66 -78.96	62.98 3.13 -31.38	58.26 2.73 -31.12	51.04 3.70 -14.05
BURROWS___LYONSDAL 23803	20.12 0.05 0.00	20.27 0.10 0.00	12.73 -0.06 8.21	0.05 -0.09 20.77	-1.62 -0.08 22.50	7.54 0.04 15.15	23.34 0.21 2.02	27.79 0.43 -0.18	32.35 0.54 -0.39	30.09 0.54 2.40	37.86 0.64 -0.13	41.92 0.60 -0.52	48.80 0.46 -1.22	49.59 0.56 -1.19	50.83 0.51 -0.49	38.47 0.36 0.31	85.72 1.32 -0.73	295.96 5.41 -0.37	356.39 10.08 -0.84	21.11 0.54 0.00	24.91 0.29 -0.09	29.24 0.54 -0.23	24.97 0.52 -0.05	34.20 0.68 -0.23
CAITHNESS_CC_1 323624	21.85 1.79 0.00	23.01 1.79 -1.06	22.89 1.88 0.00	22.67 1.77 0.00	22.64 1.68 0.00	24.45 1.80 0.00	27.30 2.15 0.00	29.55 2.37 0.00	34.02 2.60 0.00	34.53 2.58 0.00	71.88 4.43 -30.37	82.22 4.70 -36.71	66.19 5.14 -13.93	322.23 5.72 -268.67	165.69 6.04 -109.81	297.73 4.85 -254.47	304.67 10.32 -210.68	451.70 35.43 -126.08	460.99 40.77 -74.75	251.94 2.26 -229.12	166.59 2.56 -139.50	62.95 3.05 -31.42	58.21 2.57 -31.23	50.68 3.27 -14.11
CALPINE BETH_PAGE_GT4 24209	21.70 1.64 0.00	22.86 1.64 -1.06	22.78 1.78 0.00	22.59 1.68 0.00	22.56 1.59 0.00	24.39 1.73 0.00	27.14 2.00 0.00	29.31 2.13 0.00	33.83 2.41 0.00	34.45 2.50 0.00	43.91 3.90 -2.93	52.93 4.16 -7.96	52.78 4.59 -1.09	67.07 5.12 -14.11	72.00 5.54 -16.63	125.82 4.52 -82.89	172.17 9.69 -78.80	380.91 33.21 -57.52	427.15 38.63 -43.06	112.35 2.12 -89.66	106.80 2.34 -79.93	62.69 2.80 -31.42	58.03 2.40 -31.23	50.47 3.07 -14.11
CALPINE_BETH_PAGE_GT_4 323586	21.70 1.64 0.00	22.86 1.64 -1.06	22.78 1.78 0.00	22.59 1.68 0.00	22.56 1.60 0.00	24.39 1.73 0.00	27.14 2.00 0.00	29.31 2.13 0.00	33.83 2.41 0.00	34.45 2.50 0.00	43.92 3.90 -2.93	52.93 4.16 -7.96	52.79 4.58 -1.09	67.07 5.12 -14.11	71.99 5.53 -16.63	125.82 4.51 -82.89	172.17 9.69 -78.81	380.80 33.09 -57.52	427.19 38.66 -43.06	112.34 2.11 -89.66	106.81 2.35 -79.92	62.68 2.79 -31.42	58.03 2.39 -31.23	50.48 3.08 -14.11
CALPINE_BP_GT1 23823	21.70 1.64 0.00	22.86 1.64 -1.06	22.78 1.78 0.00	22.59 1.68 0.00	22.56 1.60 0.00	24.39 1.73 0.00	27.14 2.00 0.00	29.31 2.13 0.00	33.83 2.41 0.00	34.45 2.50 0.00	43.92 3.90 -2.93	52.93 4.16 -7.96	52.79 4.58 -1.09	67.07 5.12 -14.11	71.99 5.53 -16.63	125.82 4.51 -82.89	172.17 9.69 -78.81	380.80 33.09 -57.52	427.19 38.66 -43.06	112.34 2.11 -89.66	106.81 2.35 -79.92	62.68 2.79 -31.42	58.03 2.39 -31.23	50.48 3.08 -14.11
CALSPAN___DRP 24200	19.25 -0.82 0.00	19.57 -0.59 0.00	20.36 -0.64 0.00	20.29 -0.61 0.00	20.44 -0.52 0.00	22.40 -0.25 0.00	24.88 -0.27 0.00	27.38 0.20 0.00	32.19 0.78 0.00	32.84 0.89 0.00	38.15 1.06 0.00	42.56 1.76 0.00	49.22 2.11 0.00	48.85 1.01 0.00	50.53 0.70 0.00	37.44 -0.97 0.00	79.26 -3.16 1.26	269.19 -9.92 11.08	331.82 -14.15 -0.51	19.66 -0.97 -0.06	24.75 -0.64 -0.87	24.42 -0.88 3.18	23.91 -0.98 -0.48	32.20 -1.10 0.00

CALVERTON___SOLAR 323806	21.94 1.88 0.00	23.07 1.85 -1.06	22.94 1.94 0.00	22.72 1.81 0.00	22.67 1.71 0.00	24.48 1.83 0.00	27.36 2.22 0.00	29.66 2.48 0.00	34.14 2.72 0.00	34.64 2.69 0.00	71.94 4.60 -30.25	82.64 4.95 -36.88	66.56 5.41 -14.04	323.43 6.08 -269.52	166.86 6.42 -110.61	299.73 5.09 -256.22	306.74 10.95 -212.11	454.71 37.64 -126.89	463.95 43.32 -75.16	253.30 2.39 -230.34	167.25 2.71 -140.01	63.10 3.20 -31.42	58.32 2.69 -31.23	50.79 3.39 -14.11
CANDIGU_WT_PWR 323617	19.35 -0.72 0.00	19.54 -0.62 0.00	20.40 -0.61 0.00	20.45 -0.46 0.00	20.58 -0.38 0.00	22.62 -0.03 0.00	25.10 -0.04 0.00	27.56 0.24 -0.13	32.34 0.64 -0.28	32.66 0.68 -0.03	38.30 1.12 -0.10	42.96 1.56 -0.59	49.78 1.76 -0.90	49.95 1.24 -0.87	51.30 1.10 -0.36	38.52 -0.28 -0.39	74.35 -1.85 7.47	220.66 -7.08 62.46	339.07 -7.71 -1.31	19.87 -0.78 -0.08	24.77 -1.01 -1.25	21.65 -1.41 5.41	23.83 -1.22 -0.64	32.16 -1.30 -0.17
CARR STREET_E_SYR 24060	19.90 -0.17 0.00	19.98 -0.17 0.00	19.61 -0.22 1.17	17.71 -0.22 2.97	17.53 -0.21 3.22	20.31 -0.17 2.17	24.70 -0.16 0.29	27.51 -0.03 -0.35	32.26 0.09 -0.75	31.90 0.21 0.27	37.64 0.30 -0.26	42.90 0.57 -1.52	50.18 0.69 -2.37	50.76 0.63 -2.30	51.31 0.54 -0.94	40.24 0.33 -1.49	86.08 0.68 -1.72	294.58 2.56 -1.83	349.28 2.19 -1.62	20.57 0.00 0.00	24.69 -0.01 -0.17	28.84 -0.08 -0.44	24.37 -0.12 -0.09	33.51 -0.22 -0.44
CARTHAGE___PAPER 23857	19.70 -0.37 0.00	19.89 -0.26 0.00	7.09 -0.52 13.38	-13.50 -0.54 33.85	-16.24 -0.52 36.68	-2.46 -0.41 24.69	21.65 -0.21 3.29	27.61 -0.02 -0.45	32.42 0.05 -0.95	27.98 -0.09 3.88	37.40 -0.01 -0.33	41.83 -0.50 -1.53	48.79 -1.33 -3.01	49.40 -1.36 -2.93	49.51 -1.53 -1.20	36.79 -1.32 0.30	83.52 -2.02 -1.85	285.30 -6.03 -1.15	345.98 -1.56 -2.06	20.50 -0.07 0.00	-3.88 -0.68 27.73	28.69 -0.35 -0.57	24.64 0.12 -0.11	33.94 0.08 -0.56
CASSADAGA_WT_PWR 323784	19.81 -0.25 0.00	20.09 -0.07 0.00	20.85 -0.15 0.00	20.81 -0.10 0.00	20.95 -0.01 0.00	22.98 0.33 0.00	25.57 0.43 0.00	28.23 1.05 0.00	33.27 1.85 0.00	33.96 2.01 0.00	39.53 2.45 0.00	43.98 3.17 0.00	50.97 3.86 0.00	50.61 2.76 0.00	51.80 1.97 0.00	38.24 -0.05 0.11	80.67 -1.46 1.54	277.97 -4.14 8.09	338.71 -7.31 -0.54	19.99 -0.64 -0.06	25.60 0.14 -0.92	24.70 -0.21 3.57	24.58 -0.34 -0.50	33.11 -0.18 0.00
CE_DUNWOOD___DRP 24194	21.53 1.46 0.00	21.56 1.40 0.00	22.44 1.44 0.00	22.23 1.32 0.00	22.19 1.23 0.00	24.00 1.36 0.00	26.76 1.61 0.00	29.14 1.96 0.00	33.78 2.36 0.00	34.59 2.63 0.00	40.49 3.41 0.00	44.33 3.52 0.00	51.01 3.90 0.00	52.23 4.39 0.00	54.52 4.68 0.00	42.24 3.83 0.00	91.95 8.27 0.00	318.39 28.20 0.00	401.05 33.16 -22.42	106.64 1.82 -84.25	106.10 2.10 -79.47	62.63 2.47 -31.68	58.47 2.14 -31.92	50.73 2.87 -14.57
CE_MILLWOOD___DRP 24193	21.47 1.41 0.00	21.51 1.35 0.00	22.38 1.38 0.00	22.17 1.26 0.00	22.14 1.18 0.00	23.96 1.31 0.00	26.70 1.55 0.00	29.07 1.88 0.00	33.69 2.28 0.00	34.49 2.54 0.00	40.38 3.29 0.00	44.21 3.40 0.00	50.89 3.78 0.00	52.10 4.26 0.00	54.39 4.55 0.00	42.14 3.72 0.00	91.69 8.01 0.00	317.53 27.34 0.00	400.94 32.24 -23.23	109.14 1.77 -86.80	106.78 2.05 -80.19	63.02 2.40 -32.14	62.44 2.08 -35.95	59.63 2.78 -23.55
CE_NYC2_DRP 24202	21.80 1.73 -0.01	21.80 1.64 -0.01	22.69 1.69 0.00	22.46 1.55 0.00	22.41 1.45 0.00	24.25 1.60 0.00	27.00 1.86 0.00	29.45 2.27 0.00	34.14 2.72 0.00	34.91 2.96 0.00	41.01 3.79 -0.13	44.57 3.77 0.00	51.16 4.05 0.00	52.37 4.53 0.00	54.68 4.85 0.00	42.47 4.06 0.00	92.30 8.63 0.00	318.91 28.72 0.00	389.07 33.77 -9.83	56.78 1.77 -34.43	67.60 2.07 -41.00	50.29 2.50 -19.31	57.79 2.26 -31.12	50.46 3.13 -14.05
CE_NYC_DRP 24195	21.72 1.66 0.00	21.73 1.57 0.00	22.64 1.64 0.00	22.40 1.49 0.00	22.35 1.39 0.00	24.19 1.54 0.00	26.97 1.83 0.00	29.42 2.24 0.00	34.15 2.73 0.00	35.00 3.05 0.00	41.08 3.87 -0.13	44.74 3.93 0.00	51.43 4.32 0.00	52.66 4.82 0.00	54.97 5.14 0.00	42.63 4.22 0.00	92.74 9.06 0.00	320.91 30.72 0.00	403.11 35.74 -21.91	105.09 1.92 -82.60	105.75 2.25 -78.97	62.53 2.68 -31.38	57.88 2.35 -31.12	50.52 3.18 -14.05
CHAFFEE___LFGE 323603	19.37 -0.69 0.00	19.69 -0.47 0.00	20.49 -0.51 0.00	20.42 -0.49 0.00	20.55 -0.41 0.00	22.52 -0.13 0.00	25.01 -0.13 0.00	27.56 0.38 0.00	32.39 0.97 0.00	33.04 1.09 0.00	38.38 1.29 0.00	42.80 1.99 0.00	49.47 2.35 0.00	49.19 1.35 0.00	50.89 1.06 0.00	37.72 -0.62 0.07	79.88 -2.39 1.40	273.21 -7.88 9.10	334.16 -11.84 -0.53	19.85 -0.78 -0.06	24.99 -0.44 -0.90	24.37 -0.71 3.40	24.08 -0.82 -0.49	32.39 -0.90 0.00
CHATEAUG_35_KV_LOAD 355732	19.82 -0.24 0.00	19.99 -0.16 0.00	13.99 -0.25 6.76	3.59 -0.23 17.09	2.27 -0.17 18.52	9.83 -0.35 12.47	23.17 -0.31 1.66	27.01 -0.18 0.00	31.09 -0.33 0.00	28.98 -0.96 2.01	35.28 -1.81 0.00	37.69 -2.88 0.24	44.11 -2.99 0.01	44.79 -3.05 0.00	46.80 -3.03 0.00	26.45 -2.33 9.64	77.78 -4.44 1.45	270.42 -14.60 5.17	329.57 -15.90 0.00	19.84 -0.73 0.00	19.50 -0.79 4.24	27.34 -1.13 0.00	23.75 -0.66 0.00	32.74 -0.55 0.00
CHATEAUG_WT_PWR 323614	20.07 0.01 0.00	20.22 0.06 0.00	17.18 -0.07 3.75	11.38 -0.04 9.49	10.74 0.06 10.28	15.58 -0.15 6.92	24.26 0.04 0.92	27.54 0.36 0.00	31.64 0.22 0.00	30.06 -0.77 1.12	35.11 -1.98 0.00	36.68 -3.99 0.13	44.07 -3.05 0.00	44.79 -3.05 0.00	46.80 -3.04 0.00	26.24 -2.34 9.83	77.74 -4.46 1.48	270.26 -14.65 5.28	329.46 -16.01 0.00	19.77 -0.80 0.00	20.21 -0.92 3.40	27.22 -1.25 0.00	23.69 -0.72 0.00	32.78 -0.51 0.00
CHAT_HIGH_FALL_HYD 323578	19.82 -0.24 0.00	19.99 -0.16 0.00	13.99 -0.25 6.76	3.59 -0.23 17.09	2.27 -0.17 18.52	9.83 -0.35 12.47	23.17 -0.31 1.66	27.01 -0.18 0.00	31.09 -0.33 0.00	28.98 -0.96 2.01	35.28 -1.81 0.00	37.69 -2.88 0.24	44.11 -2.99 0.01	44.79 -3.05 0.00	46.80 -3.03 0.00	26.45 -2.33 9.64	77.78 -4.44 1.45	270.42 -14.60 5.17	329.57 -15.90 0.00	19.84 -0.73 0.00	19.50 -0.79 4.24	27.34 -1.13 0.00	23.75 -0.66 0.00	32.74 -0.55 0.00
CHAUTAUQUA___LFGE 323629	19.57 -0.49 0.00	19.85 -0.31 0.00	20.61 -0.39 0.00	20.57 -0.34 0.00	20.71 -0.25 0.00	22.71 0.06 0.00	25.24 0.09 0.00	27.84 0.66 0.00	32.78 1.36 0.00	33.45 1.49 0.00	38.93 1.84 0.00	43.35 2.55 0.00	50.17 3.06 0.00	49.81 1.97 0.00	51.23 1.40 0.00	37.90 -0.38 0.12	79.70 -2.16 1.81	274.02 -6.19 9.97	336.57 -9.43 -0.53	19.86 -0.77 -0.06	25.23 -0.20 -0.90	24.53 -0.55 3.40	24.29 -0.61 -0.49	32.74 -0.55 0.00
CHERRYST_13_KV_LD 356241	21.81 1.74 0.00	21.81 1.65 0.00	22.72 1.72 0.00	22.48 1.58 0.00	22.44 1.48 0.00	24.29 1.64 0.00	27.09 1.94 0.00	29.56 2.38 0.00	34.34 2.92 0.00	35.20 3.24 0.00	41.31 4.10 -0.13	45.01 4.20 0.00	51.73 4.62 0.00	52.97 5.13 0.00	55.29 5.45 0.00	42.88 4.47 0.00	93.24 9.57 0.00	322.65 32.46 0.00	405.03 37.65 -21.91	105.20 2.03 -82.60	105.87 2.37 -78.97	62.67 2.82 -31.38	58.00 2.47 -31.12	50.67 3.33 -14.05

CHESTROR_138KV_BK263 355645	21.22 1.16 0.00	21.26 1.10 0.00	22.12 1.12 0.00	21.92 1.02 0.00	21.91 0.95 0.00	23.71 1.06 0.00	26.41 1.27 0.00	28.74 1.56 0.00	33.30 1.88 0.00	34.06 2.11 0.00	39.85 2.76 0.00	43.68 2.87 0.00	50.32 3.21 0.00	51.49 3.65 0.00	53.69 3.85 0.00	41.50 3.09 0.00	90.45 6.78 0.00	313.46 23.27 0.00	495.41 27.87 -122.07	433.87 1.57 -411.74	222.73 1.79 -196.40	127.80 2.07 -97.26	45.90 1.77 -19.72	56.37 2.32 -20.75
CH_MIDHUDSON___DRP 24192	21.42 1.36 0.00	21.45 1.29 0.00	22.31 1.31 0.00	22.12 1.22 0.00	22.11 1.15 0.00	23.92 1.27 0.00	26.65 1.50 0.00	28.98 1.80 0.00	33.55 2.13 0.00	34.28 2.33 0.00	40.12 3.03 0.00	44.00 3.19 0.00	50.73 3.61 0.00	51.97 4.13 0.00	54.25 4.42 0.00	41.99 3.58 0.00	91.39 7.71 0.00	316.67 26.48 -13.55	390.41 31.39 -54.39	76.72 1.76 -72.31	98.90 2.05 -27.07	57.92 2.38 -27.07	39.54 2.01 -13.12	40.68 2.62 -4.77
CH_MISC_IPPS 23765	21.58 1.52 0.00	21.62 1.46 0.00	22.48 1.48 0.00	22.28 1.37 0.00	22.26 1.29 0.00	24.07 1.42 0.00	26.82 1.68 0.00	29.18 1.99 0.00	33.73 2.31 0.00	34.43 2.48 0.00	40.28 3.19 0.00	44.19 3.39 0.00	50.95 3.84 0.00	52.21 4.36 0.00	54.43 4.60 0.00	42.14 3.73 0.00	91.72 8.05 0.00	317.68 27.49 -13.55	391.92 32.90 -53.95	76.38 1.86 -53.95	97.45 2.14 -70.78	57.54 2.48 -26.58	36.42 2.08 -9.93	39.63 2.66 -3.68
CH_RES_BVR_FALLS 23983	19.79 -0.27 0.00	19.90 -0.26 0.00	22.15 -0.28 -1.44	24.28 -0.25 -3.63	24.65 -0.24 -3.93	25.04 -0.26 -2.64	25.21 -0.28 -0.35	26.85 -0.34 0.00	30.96 -0.46 0.00	31.82 -0.56 -0.43	36.32 -0.76 0.00	39.79 -1.06 -0.05	45.88 -1.23 0.00	46.55 -1.29 0.00	48.48 -1.36 0.00	42.51 -1.05 -5.14	82.31 -2.14 -0.77	285.51 -7.44 -2.76	336.91 -8.56 0.00	20.09 -0.48 0.00	23.83 -0.70 0.00	27.79 -0.69 0.00	24.02 -0.39 0.00	32.91 -0.38 0.00
CH_RES_NIAGARA 23895	18.49 -1.57 0.00	18.84 -1.32 0.00	19.63 -1.37 0.00	19.57 -1.34 0.00	19.71 -1.25 0.00	21.57 -1.08 0.00	23.93 -1.21 0.00	26.31 -0.87 0.00	30.94 -0.48 0.00	31.51 -0.44 0.00	36.54 -0.55 0.00	40.74 -0.06 0.00	47.09 -0.02 0.00	46.51 -1.33 0.00	48.11 -1.73 0.00	35.56 -2.85 0.00	75.66 -7.05 0.97	259.14 -22.53 8.51	316.09 -29.84 -0.46	18.83 -1.79 -0.05	23.64 -1.68 -0.79	24.01 -1.76 2.71	22.93 -1.92 -0.44	30.86 -2.43 0.00
CH_RES_SYRACUSE 23985	20.06 0.00 0.00	20.15 -0.01 0.00	19.92 -0.05 1.03	18.24 -0.05 2.62	18.10 -0.03 2.84	20.76 0.02 1.91	24.94 0.05 0.25	28.03 0.20 -0.65	33.15 0.35 -1.38	32.27 0.46 0.15	38.15 0.59 -0.47	44.53 0.88 -2.85	52.58 1.09 -4.37	53.11 1.04 -4.23	52.49 0.92 -1.74	41.80 0.64 -2.74	88.26 1.43 -3.16	298.54 4.99 -3.37	353.58 5.12 -2.99	20.74 0.17 0.00	25.02 0.18 -0.31	29.42 0.13 -0.82	24.64 0.07 -0.16	34.14 0.04 -0.81
CLINTON_WT_PWR 323605	20.07 0.01 0.00	20.22 0.06 0.00	17.18 -0.07 3.75	11.38 -0.04 9.49	10.74 0.06 10.28	15.58 -0.15 6.92	24.26 0.04 0.92	27.54 0.36 0.00	31.64 0.22 0.00	30.06 -0.77 1.12	35.11 -1.98 0.00	36.68 -3.99 0.13	44.07 -3.05 0.00	44.79 -3.05 0.00	46.80 -3.04 0.00	26.24 -2.34 9.83	77.74 -4.46 1.48	270.26 -14.65 5.28	329.46 -16.01 0.00	19.77 -0.80 0.00	20.21 -0.92 3.40	27.22 -1.25 0.00	23.69 -0.72 0.00	32.78 -0.51 0.00
CLINTON___LFGE 323618	20.20 0.14 0.00	20.35 0.18 0.00	16.86 0.09 4.23	10.32 0.12 10.71	9.54 0.19 11.60	14.87 0.03 7.81	24.28 0.18 1.04	27.64 0.46 0.00	31.75 0.33 0.00	30.14 -0.55 1.26	35.55 -1.53 0.00	37.43 -3.23 0.15	44.28 -2.84 0.00	45.07 -2.77 0.00	47.07 -2.76 0.00	26.42 -2.21 9.78	77.71 -4.49 1.47	270.98 -13.96 5.25	330.78 -14.68 0.00	19.85 -0.72 0.00	20.10 -0.81 3.62	27.47 -1.01 0.00	23.91 -0.50 0.00	33.21 -0.08 0.00
COBBLENY_34_KV_TB1 80064	19.37 -0.69 0.00	19.69 -0.47 0.00	20.48 -0.52 0.00	20.41 -0.49 0.00	20.55 -0.42 0.00	22.51 -0.14 0.00	25.01 -0.13 0.00	27.56 0.38 0.00	32.39 0.97 0.00	33.04 1.09 0.00	38.37 1.29 0.00	42.80 1.99 0.00	49.47 2.35 0.00	49.17 1.33 0.00	50.92 1.08 0.00	37.70 -0.64 0.07	79.86 -2.42 1.40	273.20 -7.89 9.10	334.66 -11.34 -0.53	19.82 -0.81 -0.06	24.98 -0.45 -0.90	24.39 -0.68 3.40	24.08 -0.83 -0.49	32.38 -0.92 0.00
COFFEEN___115KV_TB3 355620	19.80 -0.27 0.00	19.99 -0.17 0.00	9.43 -0.44 11.13	-7.70 -0.46 28.14	-9.95 -0.42 30.49	1.83 -0.30 20.52	22.36 -0.05 2.73	27.91 0.17 -0.55	32.92 0.33 -1.17	28.94 0.18 3.18	37.93 0.44 -0.40	43.15 0.30 -2.05	50.72 -0.08 -3.68	51.13 -0.29 -3.58	50.87 -0.43 -1.47	38.25 -0.67 -0.50	85.51 -0.56 -2.40	291.72 -0.34 -1.87	354.36 6.37 -2.53	21.00 0.43 0.00	1.70 -0.11 22.72	29.41 0.24 -0.69	24.82 0.28 -0.14	34.18 0.20 -0.68
COLDSPRG_115KV_BK1 355956	19.95 -0.11 0.00	20.22 0.06 0.00	21.04 0.04 0.00	21.00 0.09 0.00	21.10 0.14 0.00	23.15 0.50 0.00	25.74 0.60 0.00	28.36 1.17 0.00	33.39 1.97 0.00	34.03 2.08 0.00	39.59 2.51 0.00	44.00 3.20 0.00	50.81 3.70 0.00	50.65 2.81 0.00	52.05 2.22 0.00	38.58 0.27 0.10	82.06 -0.50 1.12	284.24 -0.84 5.11	342.40 -3.64 -0.57	20.14 -0.49 -0.06	25.75 0.25 -0.96	24.54 -0.10 3.83	24.67 -0.26 -0.52	33.24 -0.06 0.00
COLONIE_LFGE___ 323577	20.95 0.89 0.00	21.05 0.89 0.00	21.90 0.90 0.00	21.83 0.93 0.00	21.88 0.91 0.00	23.66 1.01 0.00	26.24 1.10 0.00	28.37 1.19 0.00	32.66 1.24 0.00	33.21 1.26 0.00	38.57 1.48 0.00	42.40 1.59 0.00	49.08 1.97 0.00	50.23 2.39 0.00	52.44 2.60 0.00	40.49 2.07 0.00	88.34 4.67 0.00	306.38 16.20 0.00	382.28 19.98 -16.83	41.32 1.17 -19.59	526.11 1.47 -500.11	208.84 1.66 -178.71	46.03 1.42 -20.20	37.99 1.88 -2.81
COOPERNY_115KV_TB1 80082	20.89 0.83 0.00	20.95 0.80 0.00	21.80 0.80 0.00	21.63 0.72 0.00	21.64 0.68 0.00	23.41 0.76 0.00	26.06 0.92 0.00	28.31 1.13 0.00	32.81 1.39 0.00	33.53 1.58 0.00	39.15 2.06 0.00	42.97 2.17 0.00	49.53 2.42 0.00	50.53 2.69 0.00	52.68 2.84 0.00	40.70 2.29 0.00	88.66 4.99 0.00	307.36 17.17 0.00	358.48 20.47 7.46	0.11 1.16 21.62	52.11 1.32 -26.26	36.47 1.50 -6.50	15.24 1.29 10.46	28.33 1.68 6.64
COPENHAGEN_WT_PWR 323753	19.47 -0.59 0.00	19.71 -0.45 0.00	9.72 -0.76 10.52	-6.48 -0.77 26.62	-8.61 -0.73 28.84	2.60 -0.64 19.41	22.16 -0.40 2.58	27.59 -0.16 -0.58	32.54 -0.10 -1.22	28.76 -0.19 3.00	37.56 0.05 -0.42	42.83 -0.16 -2.19	50.37 -0.60 -3.86	50.94 -0.64 -3.75	50.52 -0.85 -1.54	38.26 -0.87 -0.72	85.19 -1.03 -2.54	289.94 -2.31 -2.06	350.68 2.56 -2.65	20.73 0.16 0.00	2.64 -0.50 21.38	29.09 -0.11 -0.72	24.47 -0.08 -0.14	33.81 -0.20 -0.72
CORNELL_____ 23752	20.53 0.46 0.00	20.61 0.45 0.00	21.43 0.43 0.00	21.34 0.43 0.00	21.41 0.45 0.00	23.26 0.61 0.00	25.89 0.74 0.00	28.52 1.00 -0.34	33.39 1.25 -0.72	33.33 1.29 -0.08	38.80 1.47 -0.24	44.15 1.85 -1.50	51.52 2.13 -2.28	52.09 2.05 -2.20	52.75 2.02 -0.90	41.24 1.40 -1.43	88.80 3.08 -2.05	308.19 12.73 -5.27	363.70 15.91 -2.32	21.37 0.62 -0.18	41.96 0.76 -16.67	50.69 0.77 -21.45	26.58 0.61 -1.56	34.52 0.81 -0.42

CORONA__69_KV_TB1 355595	21.97 1.91 0.00	23.09 1.87 -1.06	22.94 1.94 0.00	22.72 1.81 0.00	22.68 1.73 0.00	24.53 1.88 0.00	27.28 2.14 0.00	29.59 2.40 0.00	34.22 2.80 0.00	34.88 2.93 0.00	43.50 4.22 -2.19	52.77 4.50 -7.47	52.96 4.96 -0.89	62.34 5.47 -9.03	70.95 5.89 -15.22	133.76 4.79 -90.56	181.71 10.15 -87.88	389.28 34.64 -64.45	433.40 40.49 -47.44	111.64 2.23 -88.84	106.07 2.50 -79.03	62.89 2.99 -31.42	58.29 2.65 -31.23	50.91 3.50 -14.11
CORTLAND__115KV_TB3 80093	20.41 0.35 0.00	20.49 0.33 0.00	20.37 0.31 0.95	18.83 0.31 2.39	18.70 0.32 2.59	21.36 0.45 1.74	25.47 0.56 0.23	28.31 0.79 -0.34	33.14 1.00 -0.71	32.79 1.05 0.20	38.50 1.17 -0.24	43.72 1.46 -1.46	51.01 1.64 -2.26	51.63 1.60 -2.18	52.32 1.59 -0.90	40.92 1.10 -1.42	87.89 2.41 -1.80	303.36 9.94 -3.23	360.46 12.78 -2.21	21.16 0.51 -0.08	26.45 0.62 -1.30	34.90 0.63 -5.80	25.99 0.52 -1.07	34.40 0.69 -0.42
COXSACKIE__GT 23611	21.54 1.48 0.00	21.66 1.50 0.00	22.51 1.51 0.00	22.44 1.53 0.00	22.54 1.57 0.00	24.39 1.74 0.00	27.10 1.95 0.00	29.27 2.09 0.00	33.63 2.21 0.00	34.11 2.16 0.00	39.51 2.42 0.00	43.63 2.83 0.00	50.51 3.40 0.00	51.11 3.27 0.00	52.95 3.11 0.00	40.69 2.29 0.00	89.30 5.63 0.00	311.94 21.76 0.00	386.31 29.60 -11.24	43.88 2.06 -21.25	234.63 2.34 -207.76	110.52 2.90 -79.14	38.40 2.25 -11.75	38.34 2.96 -2.09
CPV_VALLEY__CC1 323721	21.03 0.97 0.00	21.08 0.92 0.00	21.94 0.94 0.00	21.75 0.85 0.00	21.75 0.78 0.00	23.52 0.87 0.00	26.20 1.05 0.00	28.48 1.29 0.00	33.00 1.58 0.00	33.75 1.80 0.00	39.44 2.35 0.00	43.24 2.44 0.00	49.82 2.71 0.00	50.93 3.09 0.00	53.12 3.28 0.00	41.08 2.67 0.00	89.46 5.78 0.00	309.97 19.78 0.00	360.64 23.59 8.42	0.30 1.34 21.60	58.21 1.51 -32.17	38.11 1.75 -7.89	9.77 1.51 16.15	25.83 1.97 9.43
CPV_VALLEY__CC2 323722	21.03 0.97 0.00	21.08 0.92 0.00	21.94 0.94 0.00	21.75 0.85 0.00	21.75 0.78 0.00	23.52 0.87 0.00	26.20 1.05 0.00	28.48 1.29 0.00	33.00 1.58 0.00	33.75 1.80 0.00	39.44 2.35 0.00	43.24 2.44 0.00	49.82 2.71 0.00	50.93 3.09 0.00	53.12 3.28 0.00	41.08 2.67 0.00	89.46 5.78 0.00	309.97 19.78 0.00	360.64 23.59 8.42	0.30 1.34 21.60	58.21 1.51 -32.17	38.11 1.75 -7.89	9.77 1.51 16.15	25.83 1.97 9.43
CRESCENT__HYD 24018	20.95 0.89 0.00	21.05 0.89 0.00	21.90 0.90 0.00	21.83 0.93 0.00	21.88 0.91 0.00	23.66 1.01 0.00	26.24 1.10 0.00	28.37 1.19 0.00	32.66 1.24 0.00	33.21 1.26 0.00	38.57 1.48 0.00	42.40 1.59 0.00	49.08 1.97 0.00	50.23 2.39 0.00	52.44 2.60 0.00	40.49 2.07 0.00	88.34 4.67 0.00	306.38 16.20 0.00	382.28 19.98 -16.83	41.32 1.17 -19.59	526.11 1.47 -500.11	208.84 1.66 -178.71	46.03 1.42 -20.20	37.99 1.88 -2.81
CRICKET__VALLEY_CC1 323756	21.10 1.04 0.00	21.14 0.98 0.00	22.00 1.00 0.00	21.84 0.94 0.00	21.84 0.88 0.00	23.64 0.99 0.00	26.29 1.15 0.00	28.58 1.39 0.00	33.02 1.60 0.00	33.66 1.70 0.00	39.34 2.25 0.00	43.15 2.34 0.00	49.82 2.71 0.00	51.15 3.31 0.00	53.45 3.61 0.00	41.41 3.00 0.00	90.23 6.55 0.00	312.64 22.45 0.00	387.30 26.21 -15.62	83.59 1.46 -61.57	110.02 1.74 -83.75	61.87 2.04 -31.35	47.43 1.73 -21.29	44.13 2.27 -8.56
CRICKET__VALLEY_CC2 323757	21.10 1.04 0.00	21.14 0.98 0.00	22.00 1.00 0.00	21.84 0.94 0.00	21.84 0.88 0.00	23.64 0.99 0.00	26.29 1.15 0.00	28.58 1.39 0.00	33.02 1.60 0.00	33.66 1.70 0.00	39.34 2.25 0.00	43.15 2.34 0.00	49.82 2.71 0.00	51.15 3.31 0.00	53.45 3.61 0.00	41.41 3.00 0.00	90.23 6.55 0.00	312.64 22.45 0.00	387.30 26.21 -15.62	83.59 1.46 -61.57	110.02 1.74 -83.75	61.87 2.04 -31.35	47.43 1.73 -21.29	44.13 2.27 -8.56
CRICKET__VALLEY_CC3 323758	21.10 1.04 0.00	21.14 0.98 0.00	22.00 1.00 0.00	21.84 0.94 0.00	21.84 0.88 0.00	23.64 0.99 0.00	26.29 1.15 0.00	28.58 1.39 0.00	33.02 1.60 0.00	33.66 1.70 0.00	39.34 2.25 0.00	43.15 2.34 0.00	49.82 2.71 0.00	51.15 3.31 0.00	53.45 3.61 0.00	41.41 3.00 0.00	90.23 6.55 0.00	312.64 22.45 0.00	387.30 26.21 -15.62	83.59 1.46 -61.57	110.02 1.74 -83.75	61.87 2.04 -31.35	47.43 1.73 -21.29	44.13 2.27 -8.56
CRUCIBLE__METL_DRP 24180	20.06 0.00 0.00	20.15 -0.01 0.00	19.92 -0.05 1.03	18.23 -0.05 2.62	18.09 -0.03 2.84	20.76 0.02 1.91	24.94 0.05 0.25	28.03 0.20 -0.65	33.14 0.35 -1.38	32.26 0.46 0.15	38.15 0.59 -0.47	44.53 0.88 -2.85	52.58 1.09 -4.37	53.10 1.04 -4.23	52.50 0.93 -1.74	41.80 0.64 -2.74	88.26 1.43 -3.16	298.54 4.99 -3.37	353.65 5.20 -2.99	20.75 0.18 0.00	25.02 0.18 -0.31	29.42 0.13 -0.82	24.64 0.07 -0.16	34.14 0.04 -0.81
DAHOWA__HYDRO 323763	21.25 1.19 0.00	21.34 1.18 0.00	22.19 1.19 0.00	22.14 1.23 0.00	22.19 1.23 0.00	24.06 1.41 0.00	26.71 1.56 0.00	28.83 1.65 0.00	33.20 1.78 0.00	33.78 1.83 0.00	39.06 1.97 0.00	42.99 2.18 0.00	49.84 2.72 0.00	50.98 3.14 0.00	53.24 3.41 0.00	41.11 2.70 0.00	90.02 6.34 0.00	312.64 22.45 0.00	392.83 29.35 -18.01	41.39 1.74 -19.09	599.82 2.16 -573.12	237.08 2.34 -206.27	48.04 2.10 -21.52	38.60 2.70 -2.61
DANC__LFGE 323619	19.59 -0.47 0.00	19.77 -0.39 0.00	13.19 -0.60 7.22	2.04 -0.61 18.26	0.60 -0.58 19.78	8.80 -0.53 13.31	22.98 -0.39 1.77	27.68 -0.23 -0.73	32.77 -0.18 -1.53	29.73 -0.24 1.98	37.55 -0.06 -0.52	43.67 -0.09 -2.95	51.60 -0.36 -4.85	52.10 -0.44 -4.70	51.11 -0.66 -1.93	39.65 -0.66 -1.90	86.15 -0.87 -3.34	291.27 -2.04 -3.12	349.54 0.75 -3.32	20.58 0.01 0.00	10.05 -0.43 14.05	29.17 -0.21 -0.91	24.42 -0.17 -0.18	33.86 -0.33 -0.90
DANSKAMMER__1 23586	21.58 1.52 0.00	21.62 1.46 0.00	22.48 1.48 0.00	22.28 1.37 0.00	22.26 1.29 0.00	24.07 1.42 0.00	26.82 1.68 0.00	29.18 1.99 0.00	33.73 2.31 0.00	34.43 2.48 0.00	40.28 3.19 0.00	44.19 3.39 0.00	50.95 3.84 0.00	52.21 4.36 0.00	54.43 4.60 0.00	42.14 3.73 0.00	91.72 8.05 0.00	317.68 27.49 0.00	391.92 32.90 -13.55	76.38 1.86 -53.95	97.45 2.14 -70.78	57.54 2.48 -26.58	36.42 2.08 -9.93	39.63 2.66 -3.68
DANSKAMMER__2 23589	21.58 1.52 0.00	21.62 1.46 0.00	22.48 1.48 0.00	22.28 1.37 0.00	22.26 1.29 0.00	24.07 1.42 0.00	26.82 1.68 0.00	29.18 1.99 0.00	33.73 2.31 0.00	34.43 2.48 0.00	40.28 3.19 0.00	44.19 3.39 0.00	50.95 3.84 0.00	52.21 4.36 0.00	54.43 4.60 0.00	42.14 3.73 0.00	91.72 8.05 0.00	317.68 27.49 0.00	391.92 32.90 -13.55	76.38 1.86 -53.95	97.45 2.14 -70.78	57.54 2.48 -26.58	36.42 2.08 -9.93	39.63 2.66 -3.68
DANSKAMMER__3 23590	21.58 1.52 0.00	21.62 1.46 0.00	22.48 1.48 0.00	22.28 1.37 0.00	22.26 1.29 0.00	24.07 1.42 0.00	26.82 1.68 0.00	29.18 1.99 0.00	33.73 2.31 0.00	34.43 2.48 0.00	40.28 3.19 0.00	44.19 3.39 0.00	50.95 3.84 0.00	52.21 4.36 0.00	54.43 4.60 0.00	42.14 3.73 0.00	91.72 8.05 0.00	317.68 27.49 0.00	391.92 32.90 -13.55	76.38 1.86 -53.95	97.45 2.14 -70.78	57.54 2.48 -26.58	36.42 2.08 -9.93	39.63 2.66 -3.68

DANSKAMMER___4 23591	21.58 1.52 0.00	21.62 1.46 0.00	22.48 1.48 0.00	22.28 1.37 0.00	22.26 1.29 0.00	24.07 1.42 0.00	26.82 1.68 0.00	29.18 1.99 0.00	33.73 2.31 0.00	34.43 2.48 0.00	40.28 3.19 0.00	44.19 3.39 0.00	50.95 3.84 0.00	52.21 4.36 0.00	54.43 4.60 0.00	42.14 3.73 0.00	91.72 8.05 0.00	317.68 27.49 0.00	391.92 32.90 -13.55	76.38 1.86 -53.95	97.45 2.14 -70.78	57.54 2.48 -26.58	36.42 2.08 -9.93	39.63 2.66 -3.68
DANSKAMMER___DIESEL 23592	21.59 1.52 0.00	21.62 1.46 0.00	22.48 1.48 0.00	22.28 1.38 0.00	22.25 1.29 0.00	24.07 1.42 0.00	26.82 1.68 0.00	29.18 1.99 0.00	33.73 2.31 0.00	34.43 2.48 0.00	40.28 3.19 0.00	44.19 3.39 0.00	50.95 3.83 0.00	52.20 4.36 0.00	54.44 4.60 0.00	42.14 3.73 0.00	91.72 8.05 0.00	317.72 27.53 0.00	391.85 32.83 -13.55	76.38 1.86 -53.95	97.45 2.13 -70.78	57.53 2.48 -26.58	36.43 2.09 -9.93	39.63 2.66 -3.68
DARBY___SOLAR 323810	21.17 1.10 0.00	21.25 1.09 0.00	22.10 1.10 0.00	22.04 1.14 0.00	22.10 1.13 0.00	23.94 1.29 0.00	26.57 1.43 0.00	28.69 1.51 0.00	33.04 1.62 0.00	33.62 1.67 0.00	38.91 1.82 0.00	42.79 1.99 0.00	49.55 2.43 0.00	50.68 2.84 0.00	52.92 3.09 0.00	40.88 2.47 0.00	89.51 5.84 0.00	310.85 20.66 0.00	390.25 26.89 -17.89	41.35 1.60 -19.18	591.19 1.98 -564.68	233.71 2.16 -203.07	47.73 1.93 -21.38	38.43 2.50 -2.64
DASHVILLE___HYD 23610	21.39 1.33 0.00	21.41 1.25 0.00	22.27 1.26 0.00	22.05 1.15 0.00	22.04 1.08 0.00	23.83 1.18 0.00	26.56 1.42 0.00	28.94 1.76 0.00	33.55 2.13 0.00	34.33 2.38 0.00	40.26 3.17 0.00	44.29 3.48 0.00	51.05 3.94 0.00	52.31 4.46 0.00	54.53 4.70 0.00	42.20 3.79 0.00	91.70 8.03 0.00	317.74 27.55 0.00	386.60 32.29 -8.85	53.60 1.83 -31.20	125.07 1.99 -98.55	67.37 2.36 -36.53	32.49 1.93 -6.15	37.01 2.51 -1.22
DEERFIELD_69_KV_DEERFIELD LD 355887	22.35 2.29 0.00	23.37 2.16 -1.06	23.26 2.26 0.00	23.01 2.11 0.00	22.90 1.94 0.00	24.69 2.04 0.00	27.74 2.60 0.00	30.21 3.03 0.00	34.71 3.29 0.00	35.25 3.30 0.00	72.80 5.53 -30.18	83.89 6.14 -36.95	67.74 6.54 -14.08	324.94 7.33 -269.77	168.53 7.77 -110.92	301.41 6.07 -256.93	309.24 12.87 -212.69	461.65 44.24 -127.22	470.98 50.19 -75.33	254.07 2.66 -230.84	167.79 3.05 -140.21	63.45 3.56 -31.42	58.63 2.99 -31.23	51.15 3.75 -14.11
DELAWARE___LFGE 323621	20.75 0.69 0.00	20.82 0.66 0.00	21.67 0.66 0.00	21.54 0.63 0.00	21.60 0.64 0.00	23.38 0.74 0.00	26.02 0.87 0.00	28.34 1.05 -0.11	32.97 1.32 -0.23	33.41 1.44 -0.03	38.97 1.81 -0.08	43.28 2.00 -0.48	50.10 2.26 -0.73	50.80 2.25 -0.70	52.45 2.32 -0.29	40.65 1.78 -0.46	88.06 3.86 -0.53	304.30 13.55 -0.56	364.81 16.23 -3.11	23.07 0.87 -1.64	102.43 1.06 -76.83	57.11 1.22 -27.41	28.50 1.01 -3.08	34.73 1.30 -0.13
DERFIELD_115KV_TB7 355931	20.21 0.14 0.00	20.30 0.14 0.00	20.21 0.12 0.92	18.71 0.13 2.32	18.57 0.13 2.51	21.09 0.14 1.69	25.09 0.18 0.22	27.40 0.22 0.00	31.68 0.26 0.00	31.98 0.30 0.27	37.46 0.37 0.00	41.17 0.40 0.03	47.54 0.43 0.00	48.37 0.53 0.00	50.38 0.55 0.00	39.35 0.46 -0.48	84.75 1.00 -0.07	293.98 3.53 -0.26	349.98 4.51 0.00	20.82 0.25 0.00	27.43 0.27 -2.62	28.79 0.32 0.00	24.70 0.29 0.00	33.67 0.37 0.00
DOGLEVILLE___HYD 23807	20.66 0.59 0.00	20.73 0.57 0.00	20.60 0.51 0.92	19.05 0.47 2.32	18.91 0.46 2.51	21.48 0.52 1.69	25.50 0.58 0.22	27.89 0.71 0.00	32.15 0.73 0.00	32.56 0.88 0.27	37.99 0.91 0.00	41.49 0.71 0.03	47.67 0.55 0.00	49.14 1.30 0.00	51.46 1.63 0.00	40.47 1.57 -0.48	87.34 3.59 -0.07	304.59 14.14 -0.26	367.01 21.54 0.00	21.81 1.24 0.00	28.79 1.63 -2.62	30.08 1.61 0.00	25.74 1.33 0.00	34.98 1.69 0.00
DUNKIRK___115KV_TB_200 55889	19.53 -0.53 0.00	19.82 -0.34 0.00	20.58 -0.42 0.00	20.53 -0.38 0.00	20.67 -0.29 0.00	22.66 0.01 0.00	25.19 0.04 0.00	27.78 0.60 0.00	32.70 1.28 0.00	33.37 1.42 0.00	38.84 1.75 0.00	43.25 2.44 0.00	50.05 2.93 0.00	49.69 1.85 0.00	51.17 1.33 0.00	37.85 -0.43 0.13	79.65 -2.18 1.84	273.71 -6.32 10.16	336.82 -9.18 -0.53	19.84 -0.79 -0.06	25.18 -0.25 -0.90	24.53 -0.57 3.38	24.26 -0.64 -0.49	32.68 -0.61 0.00
DUNKIRK___1 23563	19.53 -0.53 0.00	19.82 -0.34 0.00	20.58 -0.42 0.00	20.53 -0.38 0.00	20.67 -0.29 0.00	22.66 0.01 0.00	25.19 0.04 0.00	27.78 0.60 0.00	32.70 1.28 0.00	33.37 1.42 0.00	38.84 1.75 0.00	43.25 2.44 0.00	50.05 2.93 0.00	49.69 1.85 0.00	51.17 1.33 0.00	37.85 -0.43 0.13	79.65 -2.18 1.84	273.71 -6.32 10.16	336.82 -9.18 -0.53	19.84 -0.79 -0.06	25.18 -0.25 -0.90	24.53 -0.57 3.38	24.26 -0.64 -0.49	32.68 -0.61 0.00
DUNKIRK___2 23564	19.53 -0.53 0.00	19.82 -0.34 0.00	20.58 -0.42 0.00	20.53 -0.38 0.00	20.67 -0.29 0.00	22.66 0.01 0.00	25.19 0.04 0.00	27.78 0.60 0.00	32.70 1.28 0.00	33.37 1.42 0.00	38.84 1.75 0.00	43.25 2.44 0.00	50.05 2.93 0.00	49.69 1.85 0.00	51.17 1.33 0.00	37.85 -0.43 0.13	79.65 -2.18 1.84	273.71 -6.32 10.16	336.82 -9.18 -0.53	19.84 -0.79 -0.06	25.18 -0.25 -0.90	24.53 -0.57 3.38	24.26 -0.64 -0.49	32.68 -0.61 0.00
DUNKIRK___3 23565	19.42 -0.64 0.00	19.71 -0.45 0.00	20.49 -0.52 0.00	20.43 -0.47 0.00	20.56 -0.40 0.00	22.54 -0.11 0.00	25.04 -0.10 0.00	27.60 0.41 0.00	32.46 1.05 0.00	33.12 1.17 0.00	38.52 1.43 0.00	42.92 2.12 0.00	49.59 2.47 0.00	49.29 1.45 0.00	50.86 1.03 0.00	37.62 -0.64 0.15	79.11 -2.51 2.05	271.70 -7.49 11.01	335.23 -10.76 -0.53	19.76 -0.87 -0.06	25.00 -0.43 -0.90	24.41 -0.74 3.33	24.10 -0.80 -0.49	32.48 -0.82 0.00
DUNKIRK___4 23566	19.42 -0.64 0.00	19.71 -0.45 0.00	20.49 -0.52 0.00	20.43 -0.47 0.00	20.56 -0.40 0.00	22.54 -0.11 0.00	25.04 -0.10 0.00	27.60 0.41 0.00	32.46 1.05 0.00	33.12 1.17 0.00	38.52 1.43 0.00	42.92 2.12 0.00	49.59 2.47 0.00	49.29 1.45 0.00	50.86 1.03 0.00	37.62 -0.64 0.15	79.11 -2.51 2.05	271.70 -7.49 11.01	335.23 -10.76 -0.53	19.76 -0.87 -0.06	25.00 -0.43 -0.90	24.41 -0.74 3.33	24.10 -0.80 -0.49	32.48 -0.82 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	21.60 1.53 0.00	21.63 1.47 0.00	22.51 1.51 0.00	22.29 1.39 0.00	22.25 1.29 0.00	24.07 1.42 0.00	26.83 1.68 0.00	29.23 2.04 0.00	33.88 2.46 0.00	34.69 2.73 0.00	40.63 3.54 0.00	44.45 3.64 0.00	51.13 4.02 0.00	52.36 4.52 0.00	54.66 4.82 0.00	42.36 3.95 0.00	92.21 8.53 0.00	319.21 29.02 0.00	401.36 33.99 -21.90	105.00 1.86 -82.57	105.65 2.16 -78.95	62.39 2.54 -31.37	57.73 2.21 -31.11	50.32 2.99 -14.04
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	21.39 1.33 0.00	21.42 1.27 0.00	22.29 1.29 0.00	22.08 1.18 0.00	22.07 1.10 0.00	23.87 1.22 0.00	26.60 1.46 0.00	28.96 1.77 0.00	33.54 2.12 0.00	34.28 2.33 0.00	40.11 3.03 0.00	44.00 3.19 0.00	50.69 3.58 0.00	51.91 4.07 0.00	54.15 4.31 0.00	41.87 3.46 0.00	91.21 7.54 0.00	316.00 25.81 0.00	388.59 30.84 -12.29	71.15 1.75 -48.84	93.56 1.99 -67.03	55.84 2.31 -25.05	26.21 1.95 0.16	35.26 2.53 0.56

E179THST_138_KV_TB4_REV_LBMP_J 345001	21.78 1.71 -0.01	21.83 1.66 -0.01	22.73 1.73 0.00	22.51 1.60 0.00	22.48 1.53 0.00	24.34 1.69 0.00	26.98 1.83 0.00	29.37 2.19 0.00	34.07 2.65 0.00	34.77 2.82 0.00	40.88 3.66 -0.13	44.48 3.68 0.00	51.16 4.04 0.00	52.45 4.61 0.00	54.81 4.97 -0.01	42.52 4.11 0.00	92.39 8.71 0.00	319.55 29.35 -0.01	401.93 34.55 -21.91	104.99 1.82 -82.59	105.62 2.12 -78.97	62.42 2.56 -31.38	57.84 2.30 -31.12	50.41 3.07 -14.05
E179THST_13_KV_LOAD 356214	21.91 1.84 -0.01	21.96 1.80 -0.01	22.87 1.87 0.00	22.64 1.73 0.00	22.62 1.66 0.00	24.49 1.84 0.00	27.15 2.00 0.00	29.57 2.39 0.00	34.30 2.88 0.00	35.01 3.06 0.00	41.17 3.95 -0.13	44.81 4.01 0.00	51.54 4.43 0.00	52.86 5.02 0.00	55.23 5.39 -0.01	42.84 4.43 0.00	93.12 9.44 0.00	322.00 31.80 -0.01	404.84 37.46 -21.91	105.17 2.00 -82.59	105.83 2.33 -78.97	62.66 2.81 -31.38	58.04 2.51 -31.12	50.68 3.34 -14.05
EAST HAMPTON___GT 23717	22.53 2.47 0.00	23.43 2.22 -1.06	23.35 2.34 0.00	23.07 2.16 0.00	22.88 1.92 0.00	24.59 1.94 0.00	27.83 2.68 0.00	30.43 3.25 0.00	34.82 3.40 0.00	35.25 3.30 0.00	72.95 5.69 -30.18	84.22 6.46 -36.95	67.58 6.38 -14.08	324.97 7.35 -269.78	168.54 7.76 -110.95	301.39 6.00 -256.98	308.94 12.53 -212.73	460.24 42.81 -127.24	468.88 48.07 -75.34	253.84 2.40 -230.87	167.57 2.82 -140.22	63.23 3.34 -31.42	58.48 2.84 -31.23	50.95 3.55 -14.11
EAST RIVER___6 23660	21.71 1.65 0.00	21.71 1.55 0.00	22.62 1.62 0.00	22.39 1.48 0.00	22.35 1.38 0.00	24.18 1.53 0.00	26.98 1.84 0.00	29.44 2.27 0.00	34.19 2.77 0.00	35.06 3.10 0.00	41.14 3.93 -0.13	44.79 3.99 0.00	51.45 4.34 0.00	52.69 4.85 0.00	55.01 5.17 0.00	42.70 4.29 0.00	92.79 9.11 0.00	320.81 30.62 0.00	402.92 35.54 -21.91	105.11 1.94 -82.60	105.78 2.28 -78.97	62.59 2.74 -31.38	57.91 2.38 -31.12	50.51 3.16 -14.05
EAST RIVER___7 23524	21.71 1.65 0.00	21.71 1.55 0.00	22.62 1.62 0.00	22.39 1.48 0.00	22.35 1.38 0.00	24.18 1.53 0.00	26.98 1.84 0.00	29.44 2.27 0.00	34.19 2.77 0.00	35.06 3.10 0.00	41.14 3.93 -0.13	44.79 3.99 0.00	51.45 4.34 0.00	52.69 4.85 0.00	55.01 5.17 0.00	42.70 4.29 0.00	92.79 9.11 0.00	320.81 30.62 0.00	402.92 35.54 -21.91	105.11 1.94 -82.60	105.78 2.28 -78.97	62.59 2.74 -31.38	57.91 2.38 -31.12	50.51 3.16 -14.05
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	21.53 1.46 0.00	21.56 1.40 0.00	22.44 1.44 0.00	22.23 1.32 0.00	22.19 1.23 0.00	24.00 1.36 0.00	26.76 1.61 0.00	29.14 1.96 0.00	33.78 2.36 0.00	34.59 2.63 0.00	40.49 3.41 0.00	44.33 3.52 0.00	51.01 3.90 0.00	52.23 4.39 0.00	54.52 4.68 0.00	42.24 3.83 0.00	91.95 8.27 0.00	318.39 28.20 0.00	401.05 33.16 -22.42	106.64 1.82 -84.25	106.10 2.10 -79.47	62.63 2.47 -31.68	58.47 2.14 -31.92	50.73 2.87 -14.57
EAST_HAMPTON___DIESEL 23722	22.51 2.45 0.00	23.40 2.18 -1.06	23.32 2.31 0.00	23.04 2.13 0.00	22.84 1.88 0.00	24.54 1.88 0.00	27.78 2.64 0.00	30.40 3.22 0.00	34.76 3.34 0.00	35.22 3.27 0.00	72.93 5.67 -30.18	84.23 6.47 -36.95	67.53 6.33 -14.08	324.93 7.31 -269.78	168.49 7.71 -110.95	301.34 5.95 -256.98	308.77 12.37 -212.73	459.77 42.35 -127.24	468.31 47.51 -75.34	253.79 2.35 -230.87	167.51 2.75 -140.22	63.15 3.26 -31.42	58.42 2.79 -31.23	50.86 3.46 -14.11
EAST_POINT___SOLAR 323840	21.57 1.51 0.00	21.63 1.47 0.00	22.48 1.48 0.00	22.36 1.46 0.00	22.44 1.48 0.00	24.37 1.72 0.00	26.91 1.76 0.00	29.29 2.10 0.00	33.78 2.36 0.00	34.15 2.20 0.00	39.20 2.11 0.00	43.15 2.34 0.00	48.86 1.74 0.00	49.75 1.91 0.00	52.25 2.42 0.00	40.52 2.10 0.00	88.75 5.07 0.00	308.97 18.78 0.00	387.52 29.00 -13.05	27.06 2.06 -4.43	572.89 2.44 -545.92	227.82 2.74 -196.61	44.83 2.16 -18.26	37.15 2.78 -1.08
EAST_PULASKI___ESR 323781	19.74 -0.32 0.00	19.86 -0.30 0.00	16.69 -0.42 3.89	10.65 -0.42 9.84	9.90 -0.40 10.66	15.08 -0.39 7.18	23.84 -0.35 0.96	27.94 -0.28 -1.04	33.34 -0.27 -2.19	30.71 -0.33 0.91	37.63 -0.20 -0.75	45.19 -0.07 -4.45	53.88 -0.18 -6.95	54.30 -0.27 -6.73	52.12 -0.48 -2.76	41.75 -0.44 -3.78	87.94 -0.68 -4.93	293.55 -1.68 -5.04	349.48 -0.74 -4.75	20.46 -0.11 0.00	17.57 -0.33 6.63	29.48 -0.30 -1.30	24.39 -0.27 -0.26	34.12 -0.46 -1.29
EAST_RIVER___1 323558	21.73 1.66 0.00	21.73 1.57 0.00	22.64 1.64 0.00	22.40 1.49 0.00	22.35 1.39 0.00	24.19 1.54 0.00	26.97 1.83 0.00	29.42 2.24 0.00	34.15 2.73 0.00	35.00 3.05 0.00	41.08 3.87 -0.13	44.74 3.94 0.00	51.42 4.31 0.00	52.66 4.81 0.00	54.97 5.14 0.00	42.63 4.22 0.00	92.74 9.06 0.00	320.84 30.66 0.00	403.16 35.78 -21.91	105.08 1.92 -82.60	105.75 2.25 -78.97	62.53 2.68 -31.38	57.88 2.35 -31.12	50.52 3.18 -14.05
EAST_RIVER___2 323559	21.71 1.65 0.00	21.71 1.55 0.00	22.62 1.62 0.00	22.39 1.48 0.00	22.35 1.38 0.00	24.18 1.53 0.00	26.98 1.84 0.00	29.44 2.27 0.00	34.19 2.77 0.00	35.06 3.10 0.00	41.14 3.93 -0.13	44.79 3.99 0.00	51.45 4.34 0.00	52.69 4.85 0.00	55.01 5.17 0.00	42.70 4.29 0.00	92.79 9.11 0.00	320.81 30.62 0.00	402.92 35.54 -21.91	105.11 1.94 -82.60	105.78 2.28 -78.97	62.59 2.74 -31.38	57.91 2.38 -31.12	50.51 3.16 -14.05
EAST___DELAWARE_HYD 23607	20.87 0.81 0.00	20.88 0.72 0.00	21.69 0.69 0.00	21.48 0.57 0.00	21.48 0.52 0.00	23.23 0.58 0.00	25.89 0.75 0.00	28.19 1.00 0.00	32.67 1.25 0.00	33.42 1.47 0.00	39.19 2.10 0.00	43.04 2.24 0.00	49.37 2.26 0.00	49.62 1.78 0.00	51.75 1.92 0.00	39.99 1.58 0.00	87.27 3.59 0.00	302.96 12.78 0.00	364.97 16.53 -2.97	36.13 0.91 -14.65	84.84 1.07 -59.24	50.64 1.73 -20.44	23.87 1.37 1.91	32.67 1.67 2.29
EIGHT_POINT___WT_PWR 323820	19.18 -0.88 0.00	19.42 -0.74 0.00	20.23 -0.77 0.00	20.33 -0.57 0.00	20.55 -0.42 0.00	22.76 0.11 0.00	25.24 0.10 0.00	27.73 0.41 -0.14	33.09 1.33 -0.34	33.33 1.34 -0.04	38.62 1.43 -0.10	43.37 1.97 -0.60	50.28 2.26 -0.91	50.34 1.63 -0.88	51.51 1.32 -0.36	38.32 -0.54 -0.46	85.67 -2.27 -4.26	317.50 -10.42 -37.74	337.70 -9.04 -1.27	19.68 -0.97 -0.07	24.28 -1.43 -1.17	19.13 -1.90 7.45	23.16 -1.75 -0.51	31.46 -2.00 -0.17
ELBRIDGE_115KV_TB2 80188	19.95 -0.12 0.00	20.05 -0.11 0.00	19.92 -0.15 0.93	18.41 -0.15 2.34	18.29 -0.13 2.54	20.86 -0.08 1.71	24.86 -0.06 0.23	27.95 0.08 -0.69	33.10 0.22 -1.46	32.10 0.25 0.11	37.96 0.38 -0.50	44.42 0.60 -3.02	52.52 0.77 -4.63	53.02 0.71 -4.48	52.21 0.54 -1.84	41.62 0.30 -2.90	87.69 0.67 -3.35	296.28 2.53 -3.57	350.79 2.16 -3.16	20.57 0.00 0.00	24.86 0.00 -0.33	29.27 -0.07 -0.87	24.49 -0.08 -0.17	33.99 -0.15 -0.86
ELEC_TRO_TEK 24086	21.77 1.71 0.00	22.91 1.70 -1.06	22.77 1.76 0.00	22.56 1.66 0.00	22.52 1.56 0.00	24.36 1.71 0.00	27.12 1.97 0.00	29.40 2.22 0.00	33.98 2.56 0.00	34.63 2.68 0.00	43.26 3.99 -2.19	52.47 4.20 -7.47	52.62 4.62 -0.89	62.02 5.15 -9.03	70.60 5.54 -15.22	138.90 4.48 -96.02	187.05 9.61 -93.77	391.69 32.81 -68.69	433.78 38.28 -50.03	112.19 2.11 -89.52	105.92 2.36 -79.03	62.72 2.82 -31.42	58.09 2.45 -31.23	50.61 3.20 -14.11

ELLENBURG_WT_PWR 323604	20.07 0.01 0.00	20.22 0.06 0.00	17.18 -0.07 3.75	11.38 -0.04 9.49	10.74 0.06 10.28	15.58 -0.15 6.92	24.26 0.04 0.92	27.54 0.36 0.00	31.64 0.22 0.00	30.06 -0.77 1.12	35.11 -1.98 0.00	36.68 -3.99 0.13	44.07 -3.05 0.00	44.79 -3.05 0.00	46.80 -3.04 0.00	26.24 -2.34 9.83	77.74 -4.46 1.48	270.26 -14.65 5.28	329.46 -16.01 0.00	19.77 -0.80 0.00	20.21 -0.92 3.40	27.22 -1.25 0.00	23.69 -0.72 0.00	32.78 -0.51 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	19.13 -0.93 0.00	19.46 -0.70 0.00	20.26 -0.75 0.00	20.19 -0.71 0.00	20.34 -0.62 0.00	22.28 -0.37 0.00	24.74 -0.41 0.00	27.22 0.04 0.00	32.01 0.59 0.00	32.64 0.68 0.00	37.89 0.80 0.00	42.27 1.47 0.00	48.88 1.77 0.00	48.47 0.63 0.00	50.14 0.31 0.00	36.96 -1.27 0.18	77.67 -3.70 2.31	266.52 -11.84 11.83	329.40 -16.56 -0.49	19.54 -1.08 -0.06	24.57 -0.80 -0.84	24.38 -1.02 3.08	23.76 -1.12 -0.46	31.99 -1.30 0.00
EMPIRE_CC_1 323656	20.70 0.64 0.00	20.80 0.64 0.00	21.67 0.67 0.00	21.59 0.68 0.00	21.63 0.67 0.00	23.29 0.64 0.00	25.83 0.69 0.00	27.90 0.72 0.00	32.09 0.67 0.00	32.64 0.69 0.00	37.97 0.88 0.00	41.68 0.87 0.00	48.23 1.12 0.00	49.39 1.55 0.00	51.54 1.71 0.00	39.82 1.42 0.00	86.75 3.07 0.00	300.53 10.34 0.00	369.71 12.59 -11.65	46.07 0.76 -24.74	195.51 0.92 -170.06	88.97 1.09 -59.41	40.04 0.94 -14.70	38.76 1.29 -4.17
EMPIRE_CC_2 323658	20.70 0.64 0.00	20.80 0.64 0.00	21.67 0.67 0.00	21.59 0.68 0.00	21.63 0.67 0.00	23.29 0.64 0.00	25.83 0.69 0.00	27.90 0.72 0.00	32.09 0.67 0.00	32.64 0.69 0.00	37.97 0.88 0.00	41.68 0.87 0.00	48.23 1.12 0.00	49.39 1.55 0.00	51.54 1.71 0.00	39.82 1.42 0.00	86.75 3.07 0.00	300.53 10.34 0.00	369.71 12.59 -11.65	46.07 0.76 -24.74	195.51 0.92 -170.06	88.97 1.09 -59.41	40.04 0.94 -14.70	38.76 1.29 -4.17
ENORWICH_115KV_TB1 80156	21.61 1.55 0.00	21.65 1.49 0.00	22.49 1.49 0.00	22.35 1.45 0.00	22.50 1.54 0.00	24.49 1.84 0.00	27.33 2.19 0.00	30.03 2.59 -0.25	35.08 3.13 -0.54	35.08 3.07 -0.06	40.77 3.50 -0.18	45.92 4.00 -1.12	53.53 4.72 -1.70	54.01 4.53 -1.64	54.97 4.46 -0.67	42.75 3.28 -1.06	92.40 7.31 -1.42	321.57 28.39 -2.99	386.39 38.40 -2.53	22.48 1.56 -0.34	61.78 2.04 -35.22	48.73 2.37 -17.88	28.16 1.89 -1.86	35.92 2.31 -0.31
ERIE_ST_34_KV_TB1-2 80199	19.41 -0.66 0.00	19.70 -0.46 0.00	20.50 -0.50 0.00	20.43 -0.47 0.00	20.56 -0.40 0.00	22.53 -0.12 0.00	25.03 -0.12 0.00	27.56 0.37 0.00	32.43 1.01 0.00	33.06 1.11 0.00	38.41 1.32 0.00	42.88 2.08 0.00	49.54 2.43 0.00	49.24 1.40 0.00	51.02 1.18 0.00	37.84 -0.57 0.00	80.53 -2.03 1.11	274.37 -6.05 9.77	336.17 -9.82 -0.52	19.89 -0.74 -0.06	25.04 -0.37 -0.88	24.64 -0.62 3.21	24.13 -0.76 -0.48	32.47 -0.82 0.00
ERIE_WT_PWR 323693	19.25 -0.82 0.00	19.57 -0.59 0.00	20.37 -0.63 0.00	20.30 -0.60 0.00	20.45 -0.52 0.00	22.40 -0.25 0.00	24.90 -0.25 0.00	27.41 0.22 0.00	32.22 0.80 0.00	32.86 0.91 0.00	38.17 1.08 0.00	42.60 1.80 0.00	49.27 2.15 0.00	48.91 1.07 0.00	50.56 0.73 0.00	37.49 -0.92 0.00	79.29 -3.13 1.26	269.10 -10.01 11.08	331.21 -14.77 -0.51	19.69 -0.94 -0.06	24.78 -0.62 -0.87	24.39 -0.91 3.18	23.92 -0.97 -0.48	32.23 -1.06 0.00
ESPRGFLD_115KV_TB1 80157	21.16 1.09 0.00	21.21 1.05 0.00	22.06 1.06 0.00	21.93 1.03 0.00	22.00 1.04 0.00	23.89 1.24 0.00	26.54 1.39 0.00	28.89 1.71 0.00	33.56 2.14 0.00	34.17 2.22 0.00	39.68 2.59 0.00	43.74 2.93 0.00	50.34 3.22 0.00	50.82 2.98 0.00	52.83 2.99 0.00	40.63 2.22 0.00	88.59 4.91 0.00	307.82 17.64 0.00	377.92 22.80 -9.65	25.16 1.38 -3.22	419.05 1.48 -393.04	171.59 1.73 -141.39	37.08 1.40 -11.27	35.09 1.79 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	20.50 0.44 0.00	20.59 0.42 0.00	21.41 0.41 0.00	21.32 0.41 0.00	21.39 0.43 0.00	23.23 0.58 0.00	25.85 0.71 0.00	28.49 0.95 -0.35	33.35 1.19 -0.75	33.26 1.22 -0.08	38.74 1.39 -0.25	44.12 1.76 -1.56	51.50 2.03 -2.36	52.06 1.94 -2.28	52.66 1.89 -0.93	41.21 1.33 -1.48	88.62 2.90 -2.04	306.98 12.03 -4.76	362.97 15.13 -2.38	21.34 0.59 -0.18	42.00 0.73 -16.74	47.73 0.73 -18.52	26.44 0.58 -1.45	34.50 0.77 -0.44
ETNA____115KV_TB2 80207	20.50 0.44 0.00	20.59 0.42 0.00	21.41 0.41 0.00	21.32 0.41 0.00	21.39 0.43 0.00	23.23 0.58 0.00	25.85 0.71 0.00	28.49 0.95 -0.35	33.35 1.19 -0.75	33.26 1.22 -0.08	38.74 1.39 -0.25	44.12 1.76 -1.56	51.50 2.03 -2.36	52.06 1.94 -2.28	52.66 1.89 -0.93	41.21 1.33 -1.48	88.62 2.90 -2.04	306.98 12.03 -4.76	362.97 15.13 -2.38	21.34 0.59 -0.18	42.00 0.73 -16.74	47.73 0.73 -18.52	26.44 0.58 -1.45	34.50 0.77 -0.44
EUCLID____115KV_TB2 356179	19.82 -0.24 0.00	19.92 -0.24 0.00	19.51 -0.29 1.20	17.57 -0.30 3.04	17.39 -0.28 3.29	20.18 -0.25 2.21	24.59 -0.26 0.30	27.33 -0.15 -0.30	31.99 -0.06 -0.63	31.71 0.04 0.29	37.40 0.09 -0.21	42.40 0.32 -1.28	49.50 0.40 -2.00	50.09 0.32 -1.93	50.84 0.21 -0.79	39.74 0.08 -1.25	85.29 0.17 -1.44	292.38 0.66 -1.54	347.01 0.18 -1.36	20.48 -0.09 0.00	24.55 -0.13 -0.14	28.65 -0.20 -0.37	24.26 -0.22 -0.07	33.31 -0.35 -0.37
E_CANADA_CAP_HY 24051	21.35 1.29 0.00	21.41 1.25 0.00	22.28 1.27 0.00	22.16 1.26 0.00	22.23 1.27 0.00	24.13 1.48 0.00	26.73 1.59 0.00	29.07 1.89 0.00	33.67 2.25 0.00	34.17 2.22 0.00	39.48 2.39 0.00	43.41 2.61 0.00	49.77 2.66 0.00	50.28 2.44 0.00	52.42 2.58 0.00	40.38 1.97 0.00	88.14 4.46 0.00	306.64 16.45 0.00	381.30 23.61 -12.23	26.32 1.62 -4.13	535.27 1.81 -508.93	213.82 2.09 -183.25	43.05 1.70 -16.94	36.46 2.22 -0.95
E_CANADA_MHWK_HY 24050	20.66 0.59 0.00	20.73 0.57 0.00	20.60 0.51 0.92	19.05 0.47 2.32	18.91 0.46 2.51	21.48 0.52 1.69	25.50 0.58 0.22	27.89 0.71 0.00	32.15 0.73 0.00	32.56 0.88 0.27	37.99 0.91 0.00	41.49 0.71 0.03	47.67 0.55 0.00	49.14 1.30 0.00	51.46 1.63 0.00	40.47 1.57 -0.48	87.34 3.59 -0.07	304.59 14.14 -0.26	367.01 21.54 0.00	21.81 1.24 0.00	28.79 1.63 -2.62	30.08 1.61 0.00	25.74 1.33 0.00	34.98 1.69 0.00
E_FISHKILL____LBMP 23776	21.29 1.22 0.00	21.32 1.16 0.00	22.19 1.19 0.00	22.00 1.10 0.00	21.99 1.03 0.00	23.79 1.14 0.00	26.48 1.34 0.00	28.81 1.63 0.00	33.35 1.93 0.00	34.09 2.14 0.00	39.87 2.79 0.00	43.69 2.89 0.00	50.34 3.23 0.00	51.54 3.70 0.00	53.78 3.95 0.00	41.65 3.24 0.00	90.67 6.99 0.00	314.04 23.85 0.00	390.41 28.05 -16.90	88.68 1.56 -66.55	100.41 1.82 -74.06	58.99 2.14 -28.38	49.94 1.85 -23.68	45.37 2.45 -9.62
FALCON____SEABRD_CC1 323796	20.20 0.14 0.00	20.36 0.19 0.00	17.34 0.10 3.76	11.54 0.14 9.51	10.87 0.21 10.30	15.76 0.05 6.93	24.41 0.19 0.92	27.65 0.47 0.00	31.67 0.25 0.00	30.08 -0.76 1.12	35.22 -1.87 0.00	36.79 -3.88 0.13	43.66 -3.45 0.00	44.47 -3.37 0.00	46.45 -3.39 0.00	25.94 -2.66 9.80	77.02 -5.17 1.48	267.82 -17.11 5.26	326.92 -18.55 0.00	19.60 -0.97 0.00	19.92 -1.11 3.51	27.05 -1.43 0.00	23.67 -0.74 0.00	33.10 -0.19 0.00

FALCON___SEABRD_CC2 323797	20.20 0.14 0.00	20.36 0.19 0.00	17.34 0.10 3.76	11.54 0.14 9.51	10.87 0.21 10.30	15.76 0.05 6.93	24.41 0.19 0.92	27.65 0.47 0.00	31.67 0.25 0.00	30.08 -0.76 1.12	35.22 -1.87 0.00	36.79 -3.88 0.13	43.66 -3.45 0.00	44.47 -3.37 0.00	46.45 -3.39 0.00	25.94 -2.66 9.80	77.02 -5.17 1.48	267.82 -17.11 5.26	326.92 -18.55 0.00	19.60 -0.97 0.00	19.92 -1.11 3.51	27.05 -1.43 0.00	23.67 -0.74 0.00	33.10 -0.19 0.00
FAR ROCKAWAY___4 23548	22.15 2.09 0.00	23.27 2.05 -1.06	23.12 2.12 0.00	22.90 2.00 0.00	22.86 1.90 0.00	24.73 2.08 0.00	27.50 2.35 0.00	29.84 2.65 0.00	34.55 3.13 0.00	35.24 3.29 0.00	43.73 4.46 -2.19	53.24 4.97 -7.47	53.44 5.43 -0.89	62.60 5.72 -9.03	71.23 6.18 -15.22	125.83 5.18 -82.24	172.94 10.36 -78.91	382.99 34.81 -57.99	429.76 40.79 -43.50	110.60 2.23 -87.80	106.06 2.50 -79.03	62.87 2.98 -31.42	58.36 2.72 -31.23	51.08 3.68 -14.11
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	21.74 1.68 0.00	21.75 1.59 0.00	22.65 1.65 0.00	22.41 1.51 0.00	22.37 1.40 0.00	24.20 1.55 0.00	26.98 1.84 0.00	29.43 2.25 0.00	34.16 2.74 0.00	35.01 3.06 0.00	41.09 3.88 -0.13	44.75 3.95 0.00	51.44 4.33 0.00	52.67 4.83 0.00	54.97 5.14 0.00	42.64 4.23 0.00	92.75 9.08 0.00	321.01 30.81 0.00	403.27 35.90 -21.91	105.10 1.93 -82.60	105.76 2.26 -78.96	62.53 2.68 -31.38	57.89 2.36 -31.12	50.54 3.20 -14.05
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	21.76 1.70 0.00	21.77 1.61 0.00	22.67 1.67 0.00	22.43 1.53 0.00	22.39 1.43 0.00	24.22 1.56 0.00	27.01 1.86 0.00	29.46 2.28 0.00	34.18 2.76 0.00	35.04 3.09 0.00	41.12 3.91 -0.13	44.78 3.98 0.00	51.47 4.36 0.00	52.70 4.87 0.00	55.02 5.19 0.00	42.68 4.27 0.00	92.84 9.16 0.00	321.31 31.12 0.00	403.62 36.24 -21.91	105.12 1.95 -82.60	105.78 2.29 -78.96	62.56 2.71 -31.38	57.92 2.39 -31.12	50.59 3.25 -14.05
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	21.71 1.65 0.00	21.73 1.57 0.00	22.64 1.64 0.00	22.40 1.49 0.00	22.36 1.39 0.00	24.19 1.54 0.00	26.97 1.83 0.00	29.43 2.24 0.00	34.15 2.73 0.00	35.00 3.05 0.00	41.07 3.86 -0.13	44.72 3.91 0.00	51.38 4.27 0.00	52.61 4.77 0.00	54.92 5.08 0.00	42.59 4.18 0.00	92.66 8.98 0.00	320.62 30.43 0.00	402.91 35.53 -21.91	105.07 1.91 -82.60	105.73 2.23 -78.96	62.50 2.65 -31.38	57.86 2.33 -31.12	50.51 3.17 -14.05
FARRAGUT___LBMP 323566	21.71 1.65 0.00	21.72 1.56 0.00	22.62 1.62 0.00	22.38 1.47 0.00	22.33 1.37 0.00	24.16 1.51 0.00	26.94 1.80 0.00	29.38 2.20 0.00	34.10 2.68 0.00	34.95 3.00 0.00	41.02 3.80 -0.13	44.66 3.86 0.00	51.33 4.22 0.00	52.55 4.71 0.00	54.86 5.02 0.00	42.55 4.14 0.00	92.57 8.90 0.00	320.33 30.14 0.00	402.56 35.19 -21.91	105.05 1.89 -82.60	105.70 2.21 -78.96	62.47 2.62 -31.38	57.85 2.31 -31.12	50.48 3.14 -14.05
FENNER___WINDPWR 24204	20.50 0.43 0.00	20.56 0.40 0.00	19.67 0.36 1.70	16.98 0.37 4.29	16.70 0.39 4.65	20.03 0.51 3.13	25.38 0.65 0.42	28.32 0.87 -0.27	33.05 1.07 -0.56	32.59 1.08 0.44	38.38 1.10 -0.19	43.19 1.27 -1.12	50.32 1.42 -1.78	51.05 1.49 -1.72	52.04 1.50 -0.71	40.65 1.12 -1.12	87.57 2.61 -1.29	301.51 9.95 -1.37	360.21 13.53 -1.22	21.14 0.57 0.00	28.35 0.61 -3.20	32.54 0.72 -3.34	25.26 0.67 -0.18	34.51 0.88 -0.33
FIBERTEK___ENERGY 23856	20.06 0.00 0.00	20.15 -0.01 0.00	19.92 -0.05 1.03	18.23 -0.05 2.62	18.09 -0.03 2.84	20.76 0.02 1.91	24.94 0.05 0.25	28.03 0.20 -0.65	33.14 0.35 -1.38	32.26 0.46 0.15	38.15 0.59 -0.47	44.53 0.88 -2.85	52.58 1.09 -4.37	53.10 1.04 -4.23	52.50 0.93 -1.74	41.80 0.64 -2.74	88.26 1.43 -3.16	298.54 4.99 -3.37	353.65 5.20 -2.99	20.75 0.18 0.00	25.02 0.18 -0.31	29.42 0.13 -0.82	24.64 0.07 -0.16	34.14 0.04 -0.81
FITZPATRICK____ 23598	19.51 -0.55 0.00	19.61 -0.54 0.00	20.39 -0.61 0.00	20.30 -0.60 0.00	20.37 -0.59 0.00	22.03 -0.62 0.00	24.46 -0.68 0.00	22.91 -0.65 3.63	23.09 -0.67 7.65	30.43 -0.67 0.85	33.74 -0.73 2.62	24.14 -0.65 16.01	22.12 -0.73 24.27	23.56 -0.82 23.46	39.21 -0.98 9.64	22.39 -0.79 15.22	64.36 -1.79 17.52	265.47 -6.04 18.68	321.19 -7.70 16.58	20.09 -0.48 0.00	22.22 -0.60 1.71	23.20 -0.74 4.54	22.86 -0.66 0.89	27.87 -0.94 4.49
FLOWRFLD_69_KV_BK1 356044	21.91 1.85 0.00	23.07 1.86 -1.06	22.95 1.95 0.00	22.74 1.83 0.00	22.70 1.74 0.00	24.53 1.88 0.00	27.38 2.23 0.00	29.63 2.45 0.00	34.12 2.70 0.00	34.59 2.64 0.00	73.33 4.70 -31.55	91.10 5.01 -45.29	71.07 5.42 -18.53	380.86 5.91 -327.10	199.28 6.22 -143.22	369.62 5.03 -326.18	363.39 10.76 -268.96	485.54 36.77 -158.59	478.50 42.09 -90.95	303.32 2.35 -280.40	188.03 2.64 -160.86	63.01 3.12 -31.42	58.30 2.67 -31.23	50.84 3.43 -14.11
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	21.64 1.58 0.00	21.67 1.50 0.00	22.53 1.53 0.00	22.33 1.42 0.00	22.31 1.34 0.00	24.13 1.48 0.00	26.89 1.75 0.00	29.27 2.08 0.00	33.85 2.43 0.00	34.57 2.62 0.00	40.46 3.37 0.00	44.40 3.59 0.00	51.19 4.07 0.00	52.46 4.62 0.00	54.72 4.88 0.00	42.33 3.92 0.00	92.15 8.47 0.00	319.27 29.08 0.00	394.23 34.75 -14.01	78.21 1.96 -55.68	98.18 2.26 -71.39	57.96 2.61 -26.88	38.55 2.19 -11.95	40.57 2.82 -4.45
FORT ORANGE____ 23900	20.55 0.49 0.00	20.75 0.59 0.00	21.61 0.61 0.00	21.52 0.61 0.00	21.58 0.61 0.00	23.31 0.66 0.00	25.87 0.72 0.00	27.89 0.70 0.00	31.99 0.57 0.00	32.48 0.53 0.00	37.76 0.68 0.00	41.44 0.63 0.00	47.93 0.82 0.00	48.94 1.09 0.00	51.01 1.18 0.00	39.47 1.06 0.00	86.03 2.35 0.00	298.20 8.02 0.00	368.82 10.25 -13.10	39.22 0.64 -18.01	312.13 0.80 -286.80	140.50 0.93 -111.09	40.74 0.78 -15.55	37.04 1.07 -2.68
FORT_DRUM_COGEN 23780	19.62 -0.45 0.00	19.83 -0.33 0.00	8.56 -0.61 11.82	-9.64 -0.63 29.91	-12.04 -0.59 32.41	0.34 -0.49 21.81	21.97 -0.27 2.90	27.64 -0.06 -0.52	32.56 0.04 -1.10	28.46 -0.09 3.40	37.58 0.11 -0.38	42.57 -0.12 -1.89	50.00 -0.58 -3.48	50.55 -0.67 -3.37	50.38 -0.84 -1.39	37.77 -0.89 -0.25	84.85 -1.06 -2.23	289.40 -2.44 -1.65	350.81 2.96 -2.38	20.76 0.19 0.00	-0.14 -0.40 24.28	29.08 -0.05 -0.65	24.59 0.05 -0.13	33.90 -0.04 -0.65
FOX_HILLS___ESR 323835	21.85 1.76 -0.03	21.87 1.70 -0.01	22.76 1.76 0.00	22.52 1.61 0.00	22.47 1.51 0.00	24.32 1.67 0.00	27.08 1.93 0.00	29.51 2.33 0.00	34.24 2.82 0.00	35.05 3.10 0.00	41.16 3.94 -0.13	44.62 3.82 0.00	51.24 4.13 0.00	52.47 4.63 0.00	54.85 5.01 0.00	42.56 4.15 0.00	92.49 8.82 0.00	319.90 29.71 0.00	424.72 34.99 -44.26	158.25 1.82 -135.85	159.41 2.12 -132.75	84.78 2.60 -53.70	97.28 2.35 -70.52	50.57 3.23 -14.05
FPL FAR_ROCK_GT1 24212	22.15 2.09 0.00	23.27 2.05 -1.06	23.12 2.12 0.00	22.90 2.00 0.00	22.86 1.90 0.00	24.73 2.08 0.00	27.50 2.35 0.00	29.84 2.65 0.00	34.55 3.13 0.00	35.24 3.29 0.00	43.73 4.45 -2.19	53.24 4.97 -7.47	53.43 5.43 -0.89	62.60 5.72 -9.03	71.24 6.18 -15.22	125.83 5.18 -82.25	172.93 10.35 -78.91	382.96 34.78 -57.99	429.83 40.86 -43.50	110.60 2.23 -87.80	106.06 2.50 -79.03	62.87 2.98 -31.42	58.36 2.72 -31.23	51.08 3.68 -14.11

FPL FAR_ROCK_GT2 23815	22.15 2.09 0.00	23.27 2.05 -1.06	23.12 2.12 0.00	22.90 2.00 0.00	22.86 1.90 0.00	24.73 2.08 0.00	27.50 2.35 0.00	29.84 2.65 0.00	34.55 3.13 0.00	35.24 3.29 0.00	43.73 4.45 -2.19	53.24 4.97 -7.47	53.43 5.43 -0.89	62.60 5.72 -9.03	71.24 6.18 -15.22	125.83 5.18 -82.25	172.93 10.35 -78.91	382.96 34.78 -57.99	429.83 40.86 -43.50	110.60 2.23 -87.80	106.06 2.50 -79.03	62.87 2.98 -31.42	58.36 2.72 -31.23	51.08 3.68 -14.11
FRANKLIN_FALL_HYD 24054	19.80 -0.26 0.00	19.95 -0.21 0.00	4.68 -0.29 16.04	-19.94 -0.27 40.57	-23.22 -0.23 43.96	-7.32 -0.39 29.59	20.85 -0.35 3.94	26.94 -0.24 0.00	31.06 -0.35 0.00	26.32 -0.86 4.78	35.50 -1.59 0.00	37.75 -2.49 0.56	44.54 -2.56 0.02	45.18 -2.66 0.00	47.25 -2.59 0.00	27.08 -2.15 9.17	78.18 -4.12 1.38	271.70 -13.57 4.93	331.06 -14.40 0.00	19.95 -0.62 0.00	17.57 -0.69 6.27	27.55 -0.92 0.00	23.81 -0.60 0.00	32.74 -0.56 0.00
FREEPORT_EQUUS_GT1 23764	21.92 1.86 0.00	23.05 1.84 -1.06	22.93 1.92 0.00	22.71 1.81 0.00	22.68 1.72 0.00	24.52 1.87 0.00	27.30 2.15 0.00	29.57 2.39 0.00	34.15 2.73 0.00	34.79 2.84 0.00	43.32 4.04 -2.19	52.57 4.29 -7.47	52.76 4.75 -0.89	62.19 5.32 -9.03	70.82 5.76 -15.22	131.73 4.66 -88.66	179.59 10.08 -85.84	387.67 34.51 -62.98	432.32 40.31 -46.54	111.38 2.21 -88.60	106.04 2.48 -79.03	62.93 3.04 -31.42	58.32 2.69 -31.23	50.88 3.47 -14.11
FREEPORT___CT2 23818	21.92 1.86 0.00	23.05 1.84 -1.06	22.93 1.92 0.00	22.71 1.81 0.00	22.68 1.72 0.00	24.52 1.87 0.00	27.30 2.15 0.00	29.57 2.39 0.00	34.15 2.73 0.00	34.79 2.84 0.00	43.32 4.04 -2.19	52.57 4.29 -7.47	52.76 4.75 -0.89	62.19 5.32 -9.03	70.82 5.76 -15.22	131.73 4.66 -88.66	179.59 10.08 -85.84	387.67 34.51 -62.98	432.32 40.31 -46.54	111.38 2.21 -88.60	106.04 2.48 -79.03	62.93 3.04 -31.42	58.32 2.69 -31.23	50.88 3.47 -14.11
FRESHKLS_33_KV_LOAD 356253	21.82 1.73 -0.03	21.86 1.69 -0.01	22.75 1.75 0.00	22.51 1.60 0.00	22.47 1.51 0.00	24.32 1.67 0.00	27.07 1.92 0.00	29.48 2.30 0.00	34.24 2.82 0.00	35.07 3.12 0.00	41.16 3.94 -0.13	44.56 3.75 0.00	51.19 4.08 0.00	52.42 4.58 0.00	54.13 4.96 0.66	42.47 4.15 0.08	85.71 8.76 6.73	303.11 29.49 16.56	377.72 34.95 2.69	44.34 1.82 -21.95	151.27 2.13 -124.61	82.51 2.64 -51.40	44.56 2.35 -17.79	48.05 3.24 -11.51
FULTON COGEN____ 23766	19.83 -0.24 0.00	19.91 -0.25 0.00	19.25 -0.30 1.46	16.92 -0.31 3.68	16.68 -0.29 3.99	19.70 -0.27 2.69	24.51 -0.27 0.36	28.17 -0.20 -1.18	33.75 -0.17 -2.50	31.46 -0.34 0.15	37.84 -0.11 -0.85	46.05 0.08 -5.17	55.13 0.11 -7.91	55.50 0.02 -7.65	52.87 -0.10 -3.14	43.31 -0.06 -4.96	89.25 -0.14 -5.71	296.45 0.18 -6.09	350.70 -0.17 -5.40	20.46 -0.11 0.00	23.16 -0.15 1.22	29.73 -0.23 -1.48	24.43 -0.27 -0.29	34.33 -0.43 -1.46
FULTON___LFGE 323630	22.53 2.47 0.00	22.57 2.41 0.00	23.45 2.44 0.00	23.30 2.40 0.00	23.40 2.43 0.00	25.42 2.77 0.00	27.89 2.75 0.00	30.49 3.30 0.00	34.20 2.78 0.00	35.15 3.20 0.00	40.05 2.96 0.00	42.69 1.89 0.00	48.08 0.97 0.00	48.90 1.06 0.00	51.70 1.86 0.00	40.27 1.86 0.00	91.01 7.33 0.00	314.25 24.06 0.00	411.67 53.03 -13.18	28.65 3.61 -4.47	580.51 4.17 -551.81	231.54 4.33 -198.74	46.37 3.49 -18.47	38.96 4.57 -1.10
G.F.CEMENT___DRP 24184	21.28 1.22 0.00	21.37 1.21 0.00	22.21 1.21 0.00	22.19 1.28 0.00	22.24 1.28 0.00	24.15 1.50 0.00	26.80 1.66 0.00	28.93 1.75 0.00	33.36 1.94 0.00	33.92 1.97 0.00	39.21 2.12 0.00	43.21 2.40 0.00	50.18 3.06 0.00	51.33 3.49 0.00	53.60 3.77 0.00	41.40 2.98 0.00	90.52 6.84 0.00	315.05 24.86 0.00	396.55 32.85 -18.23	41.41 1.91 -18.93	614.42 2.35 -587.54	242.69 2.49 -211.73	48.52 2.35 -21.76	38.82 2.97 -2.55
GARDENVILLE___LBMP 24039	19.20 -0.86 0.00	19.51 -0.65 0.00	20.31 -0.69 0.00	20.25 -0.66 0.00	20.39 -0.57 0.00	22.35 -0.31 0.00	24.82 -0.33 0.00	27.31 0.13 0.00	32.11 0.69 0.00	32.75 0.79 0.00	38.04 0.95 0.00	42.42 1.61 0.00	49.06 1.94 0.00	48.68 0.84 0.00	50.34 0.51 0.00	37.10 -1.12 0.19	77.77 -3.43 2.48	266.21 -10.90 13.08	330.68 -15.30 -0.51	19.59 -1.04 -0.06	24.66 -0.73 -0.86	24.31 -0.96 3.21	23.84 -1.05 -0.47	32.10 -1.20 0.00
GARDNVLA_35_KV_LD 355827	19.29 -0.77 0.00	19.61 -0.55 0.00	20.41 -0.60 0.00	20.33 -0.57 0.00	20.48 -0.48 0.00	22.44 -0.21 0.00	24.93 -0.21 0.00	27.45 0.27 0.00	32.28 0.86 0.00	32.93 0.98 0.00	38.26 1.17 0.00	42.70 1.90 0.00	49.40 2.29 0.00	49.02 1.18 0.00	50.73 0.90 0.00	37.57 -0.84 0.00	79.60 -2.90 1.18	270.80 -9.00 10.39	332.86 -13.12 -0.51	19.73 -0.90 -0.06	24.84 -0.56 -0.87	24.50 -0.80 3.18	23.98 -0.90 -0.48	32.28 -1.01 0.00
GELCKHM__115KV_LOAD 80723	19.91 -0.15 0.00	20.00 -0.16 0.00	19.67 -0.21 1.13	17.85 -0.20 2.85	17.68 -0.19 3.09	20.42 -0.15 2.08	24.72 -0.14 0.28	27.59 -0.02 -0.43	32.41 0.09 -0.90	31.95 0.24 0.23	37.68 0.29 -0.31	43.17 0.53 -1.84	50.62 0.67 -2.84	51.19 0.60 -2.75	51.46 0.50 -1.13	40.49 0.30 -1.78	86.40 0.67 -2.05	294.71 2.33 -2.19	349.59 2.19 -1.94	20.58 0.01 0.00	24.73 -0.01 -0.20	28.93 -0.08 -0.53	24.40 -0.11 -0.10	33.61 -0.21 -0.53
GENERAL___MILLS 23808	19.25 -0.82 0.00	19.57 -0.59 0.00	20.36 -0.64 0.00	20.29 -0.61 0.00	20.44 -0.52 0.00	22.40 -0.25 0.00	24.88 -0.27 0.00	27.38 0.20 0.00	32.19 0.78 0.00	32.84 0.89 0.00	38.15 1.06 0.00	42.56 1.76 0.00	49.22 2.11 0.00	48.85 1.01 0.00	50.53 0.70 0.00	37.44 -0.97 0.00	79.26 -3.16 1.26	269.19 -9.92 11.08	331.82 -14.15 -0.51	19.66 -0.97 -0.06	24.75 -0.64 -0.87	24.42 -0.88 3.18	23.91 -0.98 -0.48	32.20 -1.10 0.00
GE_PLASTICS___DRP 24183	20.44 0.38 0.00	20.54 0.38 0.00	21.38 0.38 0.00	21.28 0.37 0.00	21.34 0.37 0.00	23.05 0.40 0.00	25.59 0.45 0.00	27.67 0.49 0.00	31.89 0.47 0.00	32.44 0.49 0.00	37.74 0.65 0.00	41.36 0.56 0.00	47.79 0.68 0.00	48.76 0.92 0.00	50.85 1.01 0.00	39.30 0.89 0.00	85.55 1.87 0.00	296.47 6.28 0.00	364.75 7.37 -11.92	37.27 0.43 -16.27	266.38 0.56 -241.28	120.89 0.70 -91.72	39.24 0.62 -14.21	36.78 0.88 -2.61
GILBOA___1 23756	20.67 0.61 0.00	20.75 0.58 0.00	21.58 0.59 0.00	21.46 0.56 0.00	21.57 0.61 0.00	23.32 0.67 0.00	25.91 0.77 0.00	28.01 0.83 0.00	32.39 0.97 0.00	33.02 1.07 0.00	38.47 1.38 0.00	42.25 1.45 0.00	48.73 1.61 0.00	49.41 1.58 0.00	51.49 1.66 0.00	39.76 1.34 0.00	86.56 2.88 0.00	300.00 9.81 0.00	359.47 11.30 -2.70	17.13 0.67 4.11	61.11 0.91 -35.67	41.30 1.10 -11.72	30.53 0.94 -5.18	35.28 1.26 -0.72
GILBOA___2 23757	20.67 0.61 0.00	20.75 0.58 0.00	21.58 0.59 0.00	21.46 0.56 0.00	21.57 0.61 0.00	23.32 0.67 0.00	25.91 0.77 0.00	28.01 0.83 0.00	32.39 0.97 0.00	33.02 1.07 0.00	38.47 1.38 0.00	42.25 1.45 0.00	48.73 1.61 0.00	49.41 1.58 0.00	51.49 1.66 0.00	39.76 1.34 0.00	86.56 2.88 0.00	300.00 9.81 0.00	359.47 11.30 -2.70	17.13 0.67 4.11	61.11 0.91 -35.67	41.30 1.10 -11.72	30.53 0.94 -5.18	35.28 1.26 -0.72

GILBOA___3 23758	20.67 0.61 0.00	20.75 0.58 0.00	21.58 0.59 0.00	21.46 0.56 0.00	21.57 0.61 0.00	23.32 0.67 0.00	25.91 0.77 0.00	28.01 0.83 0.00	32.39 0.97 0.00	33.02 1.07 0.00	38.47 1.38 0.00	42.25 1.45 0.00	48.73 1.61 0.00	49.41 1.58 0.00	51.49 1.66 0.00	39.76 1.34 0.00	86.56 2.88 0.00	300.00 9.81 0.00	359.47 11.30 -2.70	17.13 0.67 4.11	61.11 0.91 -35.67	41.30 1.10 -11.72	30.53 0.94 -5.18	35.28 1.26 -0.72
GILBOA___4 23759	20.67 0.61 0.00	20.75 0.58 0.00	21.58 0.59 0.00	21.46 0.56 0.00	21.57 0.61 0.00	23.32 0.67 0.00	25.91 0.77 0.00	28.01 0.83 0.00	32.39 0.97 0.00	33.02 1.07 0.00	38.47 1.38 0.00	42.25 1.45 0.00	48.73 1.61 0.00	49.41 1.58 0.00	51.49 1.66 0.00	39.76 1.34 0.00	86.56 2.88 0.00	300.00 9.81 0.00	359.47 11.30 -2.70	17.13 0.67 4.11	61.11 0.91 -35.67	41.30 1.10 -11.72	30.53 0.94 -5.18	35.28 1.26 -0.72
GILBOA___ 23599	20.67 0.61 0.00	20.75 0.58 0.00	21.59 0.59 0.00	21.46 0.56 0.00	21.57 0.61 0.00	23.32 0.67 0.00	25.91 0.77 0.00	28.02 0.83 0.00	32.39 0.97 0.00	33.02 1.06 0.00	38.47 1.38 0.00	42.26 1.45 0.00	48.73 1.61 0.00	49.42 1.58 0.00	51.50 1.66 0.00	39.76 1.35 0.00	86.56 2.89 0.00	300.04 9.85 0.00	359.38 11.21 -2.70	17.14 0.68 4.11	61.11 0.91 -35.67	41.30 1.10 -11.72	30.54 0.95 -5.18	35.28 1.26 -0.72
GINNA___ 23603	18.96 -1.10 0.00	19.13 -1.03 0.00	19.90 -1.10 0.00	19.81 -1.10 0.00	19.91 -1.06 0.00	21.68 -0.97 0.00	24.10 -1.04 0.00	26.37 -0.82 0.00	30.83 -0.59 0.00	31.44 -0.52 0.00	36.61 -0.47 0.00	40.71 -0.09 0.00	47.17 0.06 0.00	47.43 -0.40 0.00	49.15 -0.68 0.00	37.38 -1.10 -0.07	81.15 -2.93 -0.40	279.30 -10.96 -0.08	329.60 -15.86 0.00	19.63 -0.94 0.00	23.56 -0.97 0.00	25.81 -1.19 1.48	23.18 -1.18 0.06	31.65 -1.64 0.00
GLEN PARK___ 23778	19.72 -0.34 0.00	19.92 -0.24 0.00	9.28 -0.51 11.22	-7.99 -0.53 28.37	-10.26 -0.49 30.74	1.58 -0.38 20.69	22.25 -0.13 2.76	27.82 0.09 -0.55	32.79 0.22 -1.16	28.79 0.05 3.21	37.78 0.30 -0.40	42.95 0.11 -2.03	50.47 -0.30 -3.66	50.92 -0.48 -3.55	50.65 -0.65 -1.46	38.09 -0.79 -0.47	85.23 -0.82 -2.37	290.60 -1.43 -1.84	352.91 4.93 -2.51	20.91 0.34 0.00	1.39 -0.22 22.92	29.28 0.12 -0.69	24.72 0.18 -0.14	34.05 0.08 -0.68
GLENDAL_27_KV_LOAD 356172	21.94 1.87 -0.01	21.93 1.76 -0.01	22.82 1.82 0.00	22.57 1.67 0.00	22.52 1.56 0.00	24.38 1.72 0.00	27.15 2.01 0.00	29.62 2.44 0.00	34.36 2.94 0.00	35.16 3.21 0.00	41.30 4.08 -0.13	44.90 4.09 0.00	51.54 4.43 0.00	52.75 4.92 0.00	55.09 5.25 0.00	42.78 4.37 0.00	92.97 9.30 0.00	321.32 31.14 0.00	394.19 36.54 -12.19	63.90 1.94 -41.38	74.08 2.26 -47.29	52.87 2.73 -21.67	57.98 2.45 -31.12	50.70 3.37 -14.05
GLENWOOD_IC_1_G5 23712	21.91 1.85 0.00	23.05 1.84 -1.06	22.91 1.90 0.00	22.69 1.79 0.00	22.66 1.71 0.00	24.50 1.85 0.00	27.29 2.14 0.00	29.59 2.41 0.00	34.21 2.79 0.00	34.70 2.75 0.00	43.66 4.39 -2.19	52.78 4.51 -7.47	52.82 4.81 -0.89	62.25 5.38 -9.03	70.91 5.85 -15.22	201.51 4.77 -158.33	254.95 10.25 -161.03	442.21 34.90 -117.12	465.75 40.73 -79.56	120.11 2.24 -97.30	106.06 2.50 -79.03	62.84 2.94 -31.42	58.15 2.51 -31.23	50.63 3.23 -14.11
GLENWOOD_IC_2_G1 23688	21.85 1.79 0.00	22.99 1.77 -1.06	22.84 1.84 0.00	22.63 1.73 0.00	22.60 1.63 0.00	24.43 1.78 0.00	27.20 2.06 0.00	29.50 2.32 0.00	34.11 2.69 0.00	34.75 2.80 0.00	43.47 4.19 -2.19	52.69 4.41 -7.47	52.83 4.82 -0.89	62.24 5.36 -9.03	70.87 5.81 -15.22	304.76 4.72 -261.64	366.23 10.03 -272.52	521.74 34.15 -197.40	514.02 40.04 -128.51	132.99 2.21 -110.21	106.05 2.49 -79.03	62.84 2.95 -31.42	58.17 2.53 -31.23	50.70 3.30 -14.11
GLENWOOD_IC_3_G1 23689	21.85 1.79 0.00	22.99 1.77 -1.06	22.84 1.84 0.00	22.63 1.73 0.00	22.60 1.63 0.00	24.43 1.78 0.00	27.20 2.06 0.00	29.50 2.32 0.00	34.11 2.69 0.00	34.75 2.80 0.00	43.47 4.19 -2.19	52.69 4.41 -7.47	52.83 4.82 -0.89	62.24 5.36 -9.03	70.87 5.81 -15.22	304.76 4.72 -261.64	366.23 10.03 -272.52	521.74 34.15 -197.40	514.02 40.04 -128.51	132.99 2.21 -110.21	106.05 2.49 -79.03	62.84 2.95 -31.42	58.17 2.53 -31.23	50.70 3.30 -14.11
GLENWOOD___4 23550	21.91 1.85 0.00	23.05 1.84 -1.06	22.91 1.90 0.00	22.69 1.79 0.00	22.66 1.71 0.00	24.50 1.85 0.00	27.29 2.14 0.00	29.59 2.41 0.00	34.22 2.80 0.00	34.77 2.82 0.00	43.66 4.39 -2.19	52.84 4.57 -7.47	52.92 4.92 -0.89	62.38 5.51 -9.03	71.04 5.98 -15.22	201.60 4.86 -158.33	255.13 10.43 -161.03	442.90 35.59 -117.12	466.46 41.44 -79.56	120.15 2.28 -97.30	106.12 2.55 -79.03	62.90 3.01 -31.42	58.20 2.57 -31.23	50.71 3.31 -14.11
GLENWOOD___5 23614	21.91 1.85 0.00	23.05 1.84 -1.06	22.91 1.90 0.00	22.69 1.79 0.00	22.66 1.71 0.00	24.50 1.85 0.00	27.29 2.14 0.00	29.59 2.41 0.00	34.22 2.80 0.00	34.77 2.82 0.00	43.66 4.39 -2.19	52.84 4.57 -7.47	52.92 4.92 -0.89	62.38 5.51 -9.03	71.04 5.98 -15.22	201.60 4.86 -158.33	255.13 10.43 -161.03	442.90 35.59 -117.12	466.46 41.44 -79.56	120.15 2.28 -97.30	106.12 2.55 -79.03	62.90 3.01 -31.42	58.20 2.57 -31.23	50.71 3.31 -14.11
GLOBAL GREEN_PORT_GT1 23814	22.57 2.51 0.00	23.52 2.30 -1.06	23.42 2.41 0.00	23.16 2.25 0.00	23.01 2.04 0.00	24.76 2.11 0.00	27.93 2.78 0.00	30.50 3.31 0.00	34.91 3.49 0.00	35.01 3.06 0.00	72.58 5.32 -30.17	83.78 6.02 -36.96	67.36 6.15 -14.09	324.72 7.09 -269.79	168.34 7.53 -110.97	301.29 5.84 -257.04	308.80 12.34 -212.78	459.81 42.36 -127.27	468.45 47.63 -75.35	253.92 2.43 -230.91	167.80 3.03 -140.24	63.58 3.68 -31.42	58.74 3.11 -31.23	51.28 3.88 -14.11
GLOBE___DSASP 323697	18.44 -1.63 0.00	18.79 -1.37 0.00	19.59 -1.41 0.00	19.52 -1.39 0.00	19.66 -1.30 0.00	21.52 -1.13 0.00	23.87 -1.27 0.00	26.24 -0.94 0.00	30.87 -0.55 0.00	31.42 -0.53 0.00	36.45 -0.64 0.00	40.65 -0.15 0.00	46.97 -0.15 0.00	46.39 -1.45 0.00	47.99 -1.84 0.00	35.48 -2.93 0.00	75.51 -7.21 0.96	258.75 -22.97 8.46	315.41 -30.51 -0.46	18.80 -1.82 -0.05	23.58 -1.74 -0.78	23.97 -1.80 2.70	22.89 -1.96 -0.44	30.78 -2.52 0.00
GOETHSLN___LBMP 323567	21.64 1.58 0.00	21.65 1.48 0.00	22.54 1.54 0.00	22.29 1.39 0.00	22.25 1.29 0.00	24.06 1.41 0.00	26.83 1.69 0.00	29.27 2.09 0.00	33.96 2.54 0.00	34.82 2.87 0.00	40.85 3.64 -0.13	44.47 3.67 0.00	51.07 3.95 0.00	52.27 4.43 0.00	53.90 4.73 0.66	42.15 3.92 0.18	85.38 8.43 6.72	302.15 28.52 16.56	376.42 33.25 2.30	44.02 1.78 -21.67	86.67 2.08 -60.06	49.18 2.46 -18.25	44.63 2.16 -18.06	47.76 2.95 -11.52
GOLAH___69_KV_TB 1_2 80279	19.79 -0.27 0.00	20.01 -0.14 0.00	20.82 -0.18 0.00	20.73 -0.17 0.00	20.85 -0.11 0.00	22.74 0.09 0.00	25.28 0.13 0.00	27.71 0.53 0.00	32.47 1.05 0.00	33.06 1.11 0.00	38.40 1.31 0.00	42.68 1.88 0.00	49.43 2.31 0.00	49.51 1.67 0.00	51.32 1.48 0.00	38.90 0.28 -0.21	84.95 0.14 -1.14	289.79 -0.66 -0.27	341.25 -4.22 0.00	20.33 -0.24 0.00	24.51 -0.03 0.00	26.78 0.02 1.71	24.15 -0.20 0.06	33.06 -0.23 0.00

GOODYEAR_LAKE_HYD 323669	20.96 0.89 0.00	21.02 0.86 0.00	21.87 0.86 0.00	21.73 0.82 0.00	21.80 0.84 0.00	23.63 0.98 0.00	26.29 1.14 0.00	28.59 1.40 0.00	33.19 1.77 0.00	33.84 1.89 0.00	39.42 2.34 0.00	43.42 2.62 0.00	50.09 2.97 0.00	50.76 2.92 0.00	52.79 2.96 0.00	40.64 2.23 0.00	88.57 4.90 0.00	307.32 17.13 0.00	371.12 20.93 -4.72	23.18 1.15 -1.46	197.25 1.31 -171.40	91.31 1.50 -61.33	31.16 1.23 -5.52	34.87 1.58 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	20.20 0.14 0.00	20.31 0.14 0.00	21.16 0.15 0.00	21.07 0.17 0.00	21.11 0.15 0.00	22.94 0.29 0.00	25.49 0.35 0.00	28.02 0.60 -0.24	32.81 0.88 -0.51	32.98 0.97 -0.06	38.49 1.23 -0.17	43.41 1.54 -1.07	50.40 1.67 -1.62	50.97 1.57 -1.56	52.13 1.65 -0.64	40.43 1.01 -1.01	86.84 2.00 -1.17	298.95 7.52 -1.25	356.33 8.68 -2.19	21.06 0.25 -0.24	47.84 0.38 -22.93	35.86 0.27 -7.12	25.91 0.22 -1.28	33.95 0.36 -0.30
GOUDEY___7 23579	20.22 0.16 0.00	20.33 0.16 0.00	21.17 0.17 0.00	21.09 0.18 0.00	21.13 0.17 0.00	22.96 0.31 0.00	25.51 0.37 0.00	28.05 0.63 -0.24	32.85 0.92 -0.51	33.03 1.02 -0.06	38.55 1.29 -0.17	43.48 1.61 -1.07	50.48 1.75 -1.62	51.06 1.65 -1.56	52.20 1.73 -0.64	40.50 1.07 -1.01	86.99 2.15 -1.17	299.42 7.99 -1.25	356.96 9.30 -2.19	21.10 0.29 -0.24	47.88 0.41 -22.93	35.90 0.30 -7.12	25.94 0.24 -1.28	33.99 0.40 -0.30
GOUDEY___8 23580	20.20 0.14 0.00	20.31 0.14 0.00	21.16 0.15 0.00	21.07 0.17 0.00	21.11 0.15 0.00	22.94 0.29 0.00	25.49 0.35 0.00	28.02 0.60 -0.24	32.81 0.88 -0.51	32.98 0.97 -0.06	38.49 1.23 -0.17	43.41 1.54 -1.07	50.40 1.67 -1.62	50.97 1.57 -1.56	52.13 1.65 -0.64	40.43 1.01 -1.01	86.84 2.00 -1.17	298.95 7.52 -1.25	356.33 8.68 -2.19	21.06 0.25 -0.24	47.84 0.38 -22.93	35.86 0.27 -7.12	25.91 0.22 -1.28	33.95 0.36 -0.30
GOWANUS_GT1_1 24077	21.91 1.82 -0.03	21.91 1.75 -0.01	22.80 1.80 0.00	22.55 1.65 0.00	22.51 1.55 0.00	24.36 1.71 0.00	27.13 1.98 0.00	29.57 2.39 0.00	34.31 2.89 0.00	35.12 3.16 0.00	41.25 4.03 -0.13	44.78 3.98 0.00	51.43 4.31 0.00	52.64 4.80 0.00	55.00 5.16 0.00	42.66 4.25 0.00	92.72 9.05 0.00	320.53 30.34 0.00	425.46 35.73 -44.26	158.29 1.87 -135.85	159.46 2.17 -132.75	84.82 2.65 -53.70	97.34 2.41 -70.52	50.64 3.29 -14.05
GOWANUS_GT1_2 24078	21.91 1.82 -0.03	21.91 1.75 -0.01	22.80 1.80 0.00	22.55 1.65 0.00	22.51 1.55 0.00	24.36 1.71 0.00	27.13 1.98 0.00	29.57 2.39 0.00	34.31 2.89 0.00	35.12 3.16 0.00	41.25 4.03 -0.13	44.78 3.98 0.00	51.43 4.31 0.00	52.64 4.80 0.00	55.00 5.16 0.00	42.66 4.25 0.00	92.72 9.05 0.00	320.53 30.34 0.00	425.46 35.73 -44.26	158.29 1.87 -135.85	159.46 2.17 -132.75	84.82 2.65 -53.70	97.34 2.41 -70.52	50.64 3.29 -14.05
GOWANUS_GT1_3 24079	21.91 1.82 -0.03	21.91 1.75 -0.01	22.80 1.80 0.00	22.55 1.65 0.00	22.51 1.55 0.00	24.36 1.71 0.00	27.13 1.98 0.00	29.57 2.39 0.00	34.31 2.89 0.00	35.12 3.16 0.00	41.25 4.03 -0.13	44.78 3.98 0.00	51.43 4.31 0.00	52.64 4.80 0.00	55.00 5.16 0.00	42.66 4.25 0.00	92.72 9.05 0.00	320.53 30.34 0.00	425.46 35.73 -44.26	158.29 1.87 -135.85	159.46 2.17 -132.75	84.82 2.65 -53.70	97.34 2.41 -70.52	50.64 3.29 -14.05
GOWANUS_GT1_4 24080	21.91 1.82 -0.03	21.91 1.75 -0.01	22.80 1.80 0.00	22.55 1.65 0.00	22.51 1.55 0.00	24.36 1.71 0.00	27.13 1.98 0.00	29.57 2.39 0.00	34.31 2.89 0.00	35.12 3.16 0.00	41.25 4.03 -0.13	44.78 3.98 0.00	51.43 4.31 0.00	52.64 4.80 0.00	55.00 5.16 0.00	42.66 4.25 0.00	92.72 9.05 0.00	320.53 30.34 0.00	425.46 35.73 -44.26	158.29 1.87 -135.85	159.46 2.17 -132.75	84.82 2.65 -53.70	97.34 2.41 -70.52	50.64 3.29 -14.05
GOWANUS_GT1_5 24084	21.91 1.82 -0.03	21.91 1.75 -0.01	22.80 1.80 0.00	22.55 1.65 0.00	22.51 1.55 0.00	24.36 1.71 0.00	27.13 1.98 0.00	29.57 2.39 0.00	34.31 2.89 0.00	35.12 3.16 0.00	41.25 4.03 -0.13	44.78 3.98 0.00	51.43 4.31 0.00	52.64 4.80 0.00	55.00 5.16 0.00	42.66 4.25 0.00	92.72 9.05 0.00	320.53 30.34 0.00	425.46 35.73 -44.26	158.29 1.87 -135.85	159.46 2.17 -132.75	84.82 2.65 -53.70	97.34 2.41 -70.52	50.64 3.29 -14.05
GOWANUS_GT1_6 24111	21.91 1.82 -0.03	21.91 1.75 -0.01	22.80 1.80 0.00	22.55 1.65 0.00	22.51 1.55 0.00	24.36 1.71 0.00	27.13 1.98 0.00	29.57 2.39 0.00	34.31 2.89 0.00	35.12 3.16 0.00	41.25 4.03 -0.13	44.78 3.98 0.00	51.43 4.31 0.00	52.64 4.80 0.00	55.00 5.16 0.00	42.66 4.25 0.00	92.72 9.05 0.00	320.53 30.34 0.00	425.46 35.73 -44.26	158.29 1.87 -135.85	159.46 2.17 -132.75	84.82 2.65 -53.70	97.34 2.41 -70.52	50.64 3.29 -14.05
GOWANUS_GT1_7 24112	21.91 1.82 -0.03	21.91 1.75 -0.01	22.80 1.80 0.00	22.55 1.65 0.00	22.51 1.55 0.00	24.36 1.71 0.00	27.13 1.98 0.00	29.57 2.39 0.00	34.31 2.89 0.00	35.12 3.16 0.00	41.25 4.03 -0.13	44.78 3.98 0.00	51.43 4.31 0.00	52.64 4.80 0.00	55.00 5.16 0.00	42.66 4.25 0.00	92.72 9.05 0.00	320.53 30.34 0.00	425.46 35.73 -44.26	158.29 1.87 -135.85	159.46 2.17 -132.75	84.82 2.65 -53.70	97.34 2.41 -70.52	50.64 3.29 -14.05
GOWANUS_GT1_8 24113	21.91 1.82 -0.03	21.91 1.75 -0.01	22.80 1.80 0.00	22.55 1.65 0.00	22.51 1.55 0.00	24.36 1.71 0.00	27.13 1.98 0.00	29.57 2.39 0.00	34.31 2.89 0.00	35.12 3.16 0.00	41.25 4.03 -0.13	44.78 3.98 0.00	51.43 4.31 0.00	52.64 4.80 0.00	55.00 5.16 0.00	42.66 4.25 0.00	92.72 9.05 0.00	320.53 30.34 0.00	425.46 35.73 -44.26	158.29 1.87 -135.85	159.46 2.17 -132.75	84.82 2.65 -53.70	97.34 2.41 -70.52	50.64 3.29 -14.05
GOWANUS_GT2_1 24114	21.91 1.82 -0.03	21.91 1.75 -0.01	22.80 1.79 0.00	22.56 1.65 0.00	22.51 1.55 0.00	24.36 1.71 0.00	27.13 1.98 0.00	29.57 2.39 0.00	34.31 2.89 0.00	35.12 3.17 0.00	41.25 4.03 -0.13	44.79 3.99 0.00	51.43 4.31 0.00	52.65 4.80 0.00	55.00 5.16 0.00	42.65 4.24 0.00	92.68 9.00 0.00	320.52 30.33 0.00	425.53 35.80 -44.26	158.28 1.85 -135.85	159.46 2.17 -132.75	84.83 2.66 -53.70	97.33 2.40 -70.52	50.63 3.29 -14.05
GOWANUS_GT2_2 24115	21.91 1.82 -0.03	21.91 1.75 -0.01	22.80 1.79 0.00	22.56 1.65 0.00	22.51 1.55 0.00	24.36 1.71 0.00	27.13 1.98 0.00	29.57 2.39 0.00	34.31 2.89 0.00	35.12 3.17 0.00	41.25 4.03 -0.13	44.79 3.99 0.00	51.43 4.31 0.00	52.65 4.80 0.00	55.00 5.16 0.00	42.65 4.24 0.00	92.68 9.00 0.00	320.52 30.33 0.00	425.53 35.80 -44.26	158.28 1.85 -135.85	159.46 2.17 -132.75	84.83 2.66 -53.70	97.33 2.40 -70.52	50.63 3.29 -14.05
GOWANUS_GT2_3 24116	21.91 1.82 -0.03	21.91 1.75 -0.01	22.80 1.79 0.00	22.56 1.65 0.00	22.51 1.55 0.00	24.36 1.71 0.00	27.13 1.98 0.00	29.57 2.39 0.00	34.31 2.89 0.00	35.12 3.17 0.00	41.25 4.03 -0.13	44.79 3.99 0.00	51.43 4.31 0.00	52.65 4.80 0.00	55.00 5.16 0.00	42.65 4.24 0.00	92.68 9.00 0.00	320.52 30.33 0.00	425.53 35.80 -44.26	158.28 1.85 -135.85	159.46 2.17 -132.75	84.83 2.66 -53.70	97.33 2.40 -70.52	50.63 3.29 -14.05

GOWANUS_GT2_4 24117	21.91 1.82 -0.03	21.91 1.75 -0.01	22.80 1.79 0.00	22.56 1.65 0.00	22.51 1.55 0.00	24.36 1.71 0.00	27.13 1.98 0.00	29.57 2.39 0.00	34.31 2.89 0.00	35.12 3.17 0.00	41.25 4.03 -0.13	44.79 3.99 0.00	51.43 4.31 0.00	52.65 4.80 0.00	55.00 5.16 0.00	42.65 4.24 0.00	92.68 9.00 0.00	320.52 30.33 0.00	425.53 35.80 -44.26	158.28 1.85 -135.85	159.46 2.17 -132.75	84.83 2.66 -53.70	97.33 2.40 -70.52	50.63 3.29 -14.05
GOWANUS_GT2_5 24118	21.91 1.82 -0.03	21.91 1.75 -0.01	22.80 1.79 0.00	22.56 1.65 0.00	22.51 1.55 0.00	24.36 1.71 0.00	27.13 1.98 0.00	29.57 2.39 0.00	34.31 2.89 0.00	35.12 3.17 0.00	41.25 4.03 -0.13	44.79 3.99 0.00	51.43 4.31 0.00	52.65 4.80 0.00	55.00 5.16 0.00	42.65 4.24 0.00	92.68 9.00 0.00	320.52 30.33 0.00	425.53 35.80 -44.26	158.28 1.85 -135.85	159.46 2.17 -132.75	84.83 2.66 -53.70	97.33 2.40 -70.52	50.63 3.29 -14.05
GOWANUS_GT2_6 24119	21.91 1.82 -0.03	21.91 1.75 -0.01	22.80 1.79 0.00	22.56 1.65 0.00	22.51 1.55 0.00	24.36 1.71 0.00	27.13 1.98 0.00	29.57 2.39 0.00	34.31 2.89 0.00	35.12 3.17 0.00	41.25 4.03 -0.13	44.79 3.99 0.00	51.43 4.31 0.00	52.65 4.80 0.00	55.00 5.16 0.00	42.65 4.24 0.00	92.68 9.00 0.00	320.52 30.33 0.00	425.53 35.80 -44.26	158.28 1.85 -135.85	159.46 2.17 -132.75	84.83 2.66 -53.70	97.33 2.40 -70.52	50.63 3.29 -14.05
GOWANUS_GT2_7 24120	21.91 1.82 -0.03	21.91 1.75 -0.01	22.80 1.79 0.00	22.56 1.65 0.00	22.51 1.55 0.00	24.36 1.71 0.00	27.13 1.98 0.00	29.57 2.39 0.00	34.31 2.89 0.00	35.12 3.17 0.00	41.25 4.03 -0.13	44.79 3.99 0.00	51.43 4.31 0.00	52.65 4.80 0.00	55.00 5.16 0.00	42.65 4.24 0.00	92.68 9.00 0.00	320.52 30.33 0.00	425.53 35.80 -44.26	158.28 1.85 -135.85	159.46 2.17 -132.75	84.83 2.66 -53.70	97.33 2.40 -70.52	50.63 3.29 -14.05
GOWANUS_GT2_8 24121	21.91 1.82 -0.03	21.91 1.75 -0.01	22.80 1.79 0.00	22.56 1.65 0.00	22.51 1.55 0.00	24.36 1.71 0.00	27.13 1.98 0.00	29.57 2.39 0.00	34.31 2.89 0.00	35.12 3.17 0.00	41.25 4.03 -0.13	44.79 3.99 0.00	51.43 4.31 0.00	52.65 4.80 0.00	55.00 5.16 0.00	42.65 4.24 0.00	92.68 9.00 0.00	320.52 30.33 0.00	425.53 35.80 -44.26	158.28 1.85 -135.85	159.46 2.17 -132.75	84.83 2.66 -53.70	97.33 2.40 -70.52	50.63 3.29 -14.05
GOWANUS_GT3_1 24122	21.91 1.82 -0.03	21.91 1.75 -0.01	22.80 1.79 0.00	22.56 1.65 0.00	22.51 1.55 0.00	24.36 1.71 0.00	27.13 1.98 0.00	29.57 2.39 0.00	34.31 2.89 0.00	35.12 3.17 0.00	41.25 4.03 -0.13	44.79 3.99 0.00	51.43 4.31 0.00	52.65 4.80 0.00	55.00 5.16 0.00	42.65 4.24 0.00	92.68 9.00 0.00	320.52 30.33 0.00	425.53 35.80 -44.26	158.28 1.85 -135.85	159.46 2.17 -132.75	84.83 2.66 -53.70	97.33 2.40 -70.52	50.63 3.29 -14.05
GOWANUS_GT3_2 24123	21.91 1.82 -0.03	21.91 1.75 -0.01	22.80 1.79 0.00	22.56 1.65 0.00	22.51 1.55 0.00	24.36 1.71 0.00	27.13 1.98 0.00	29.57 2.39 0.00	34.31 2.89 0.00	35.12 3.17 0.00	41.25 4.03 -0.13	44.79 3.99 0.00	51.43 4.31 0.00	52.65 4.80 0.00	55.00 5.16 0.00	42.65 4.24 0.00	92.68 9.00 0.00	320.52 30.33 0.00	425.53 35.80 -44.26	158.28 1.85 -135.85	159.46 2.17 -132.75	84.83 2.66 -53.70	97.33 2.40 -70.52	50.63 3.29 -14.05
GOWANUS_GT3_3 24124	21.91 1.82 -0.03	21.91 1.75 -0.01	22.80 1.79 0.00	22.56 1.65 0.00	22.51 1.55 0.00	24.36 1.71 0.00	27.13 1.98 0.00	29.57 2.39 0.00	34.31 2.89 0.00	35.12 3.17 0.00	41.25 4.03 -0.13	44.79 3.99 0.00	51.43 4.31 0.00	52.65 4.80 0.00	55.00 5.16 0.00	42.65 4.24 0.00	92.68 9.00 0.00	320.52 30.33 0.00	425.53 35.80 -44.26	158.28 1.85 -135.85	159.46 2.17 -132.75	84.83 2.66 -53.70	97.33 2.40 -70.52	50.63 3.29 -14.05
GOWANUS_GT3_4 24125	21.91 1.82 -0.03	21.91 1.75 -0.01	22.80 1.79 0.00	22.56 1.65 0.00	22.51 1.55 0.00	24.36 1.71 0.00	27.13 1.98 0.00	29.57 2.39 0.00	34.31 2.89 0.00	35.12 3.17 0.00	41.25 4.03 -0.13	44.79 3.99 0.00	51.43 4.31 0.00	52.65 4.80 0.00	55.00 5.16 0.00	42.65 4.24 0.00	92.68 9.00 0.00	320.52 30.33 0.00	425.53 35.80 -44.26	158.28 1.85 -135.85	159.46 2.17 -132.75	84.83 2.66 -53.70	97.33 2.40 -70.52	50.63 3.29 -14.05
GOWANUS_GT3_5 24126	21.91 1.82 -0.03	21.91 1.75 -0.01	22.80 1.79 0.00	22.56 1.65 0.00	22.51 1.55 0.00	24.36 1.71 0.00	27.13 1.98 0.00	29.57 2.39 0.00	34.31 2.89 0.00	35.12 3.17 0.00	41.25 4.03 -0.13	44.79 3.99 0.00	51.43 4.31 0.00	52.65 4.80 0.00	55.00 5.16 0.00	42.65 4.24 0.00	92.68 9.00 0.00	320.52 30.33 0.00	425.53 35.80 -44.26	158.28 1.85 -135.85	159.46 2.17 -132.75	84.83 2.66 -53.70	97.33 2.40 -70.52	50.63 3.29 -14.05
GOWANUS_GT3_6 24127	21.91 1.82 -0.03	21.91 1.75 -0.01	22.80 1.79 0.00	22.56 1.65 0.00	22.51 1.55 0.00	24.36 1.71 0.00	27.13 1.98 0.00	29.57 2.39 0.00	34.31 2.89 0.00	35.12 3.17 0.00	41.25 4.03 -0.13	44.79 3.99 0.00	51.43 4.31 0.00	52.65 4.80 0.00	55.00 5.16 0.00	42.65 4.24 0.00	92.68 9.00 0.00	320.52 30.33 0.00	425.53 35.80 -44.26	158.28 1.85 -135.85	159.46 2.17 -132.75	84.83 2.66 -53.70	97.33 2.40 -70.52	50.63 3.29 -14.05
GOWANUS_GT3_7 24128	21.91 1.82 -0.03	21.91 1.75 -0.01	22.80 1.79 0.00	22.56 1.65 0.00	22.51 1.55 0.00	24.36 1.71 0.00	27.13 1.98 0.00	29.57 2.39 0.00	34.31 2.89 0.00	35.12 3.17 0.00	41.25 4.03 -0.13	44.79 3.99 0.00	51.43 4.31 0.00	52.65 4.80 0.00	55.00 5.16 0.00	42.65 4.24 0.00	92.68 9.00 0.00	320.52 30.33 0.00	425.53 35.80 -44.26	158.28 1.85 -135.85	159.46 2.17 -132.75	84.83 2.66 -53.70	97.33 2.40 -70.52	50.63 3.29 -14.05
GOWANUS_GT3_8 24129	21.91 1.82 -0.03	21.91 1.75 -0.01	22.80 1.79 0.00	22.56 1.65 0.00	22.51 1.55 0.00	24.36 1.71 0.00	27.13 1.98 0.00	29.57 2.39 0.00	34.31 2.89 0.00	35.12 3.17 0.00	41.25 4.03 -0.13	44.79 3.99 0.00	51.43 4.31 0.00	52.65 4.80 0.00	55.00 5.16 0.00	42.65 4.24 0.00	92.68 9.00 0.00	320.52 30.33 0.00	425.53 35.80 -44.26	158.28 1.85 -135.85	159.46 2.17 -132.75	84.83 2.66 -53.70	97.33 2.40 -70.52	50.63 3.29 -14.05
GOWANUS_GT4_1 24130	21.91 1.82 -0.03	21.91 1.75 -0.01	22.80 1.80 0.00	22.55 1.65 0.00	22.51 1.55 0.00	24.36 1.71 0.00	27.13 1.98 0.00	29.57 2.39 0.00	34.31 2.89 0.00	35.12 3.16 0.00	41.25 4.03 -0.13	44.78 3.98 0.00	51.43 4.31 0.00	52.64 4.80 0.00	55.00 5.16 0.00	42.66 4.25 0.00	92.72 9.05 0.00	320.53 30.34 0.00	425.46 35.73 -44.26	158.29 1.87 -135.85	159.46 2.17 -132.75	84.82 2.65 -53.70	97.34 2.41 -70.52	50.64 3.29 -14.05
GOWANUS_GT4_2 24131	21.91 1.82 -0.03	21.91 1.75 -0.01	22.80 1.80 0.00	22.55 1.65 0.00	22.51 1.55 0.00	24.36 1.71 0.00	27.13 1.98 0.00	29.57 2.39 0.00	34.31 2.89 0.00	35.12 3.16 0.00	41.25 4.03 -0.13	44.78 3.98 0.00	51.43 4.31 0.00	52.64 4.80 0.00	55.00 5.16 0.00	42.66 4.25 0.00	92.72 9.05 0.00	320.53 30.34 0.00	425.46 35.73 -44.26	158.29 1.87 -135.85	159.46 2.17 -132.75	84.82 2.65 -53.70	97.34 2.41 -70.52	50.64 3.29 -14.05

GOWANUS_GT4_3 24132	21.91 1.82 -0.03	21.91 1.75 -0.01	22.80 1.80 0.00	22.55 1.65 0.00	22.51 1.55 0.00	24.36 1.71 0.00	27.13 1.98 0.00	29.57 2.39 0.00	34.31 2.89 0.00	35.12 3.16 0.00	41.25 4.03 -0.13	44.78 3.98 0.00	51.43 4.31 0.00	52.64 4.80 0.00	55.00 5.16 0.00	42.66 4.25 0.00	92.72 9.05 0.00	320.53 30.34 0.00	425.46 35.73 -44.26	158.29 1.87 -135.85	159.46 2.17 -132.75	84.82 2.65 -53.70	97.34 2.41 -70.52	50.64 3.29 -14.05
GOWANUS_GT4_4 24133	21.91 1.82 -0.03	21.91 1.75 -0.01	22.80 1.80 0.00	22.55 1.65 0.00	22.51 1.55 0.00	24.36 1.71 0.00	27.13 1.98 0.00	29.57 2.39 0.00	34.31 2.89 0.00	35.12 3.16 0.00	41.25 4.03 -0.13	44.78 3.98 0.00	51.43 4.31 0.00	52.64 4.80 0.00	55.00 5.16 0.00	42.66 4.25 0.00	92.72 9.05 0.00	320.53 30.34 0.00	425.46 35.73 -44.26	158.29 1.87 -135.85	159.46 2.17 -132.75	84.82 2.65 -53.70	97.34 2.41 -70.52	50.64 3.29 -14.05
GOWANUS_GT4_5 24134	21.91 1.82 -0.03	21.91 1.75 -0.01	22.80 1.80 0.00	22.55 1.65 0.00	22.51 1.55 0.00	24.36 1.71 0.00	27.13 1.98 0.00	29.57 2.39 0.00	34.31 2.89 0.00	35.12 3.16 0.00	41.25 4.03 -0.13	44.78 3.98 0.00	51.43 4.31 0.00	52.64 4.80 0.00	55.00 5.16 0.00	42.66 4.25 0.00	92.72 9.05 0.00	320.53 30.34 0.00	425.46 35.73 -44.26	158.29 1.87 -135.85	159.46 2.17 -132.75	84.82 2.65 -53.70	97.34 2.41 -70.52	50.64 3.29 -14.05
GOWANUS_GT4_6 24135	21.91 1.82 -0.03	21.91 1.75 -0.01	22.80 1.80 0.00	22.55 1.65 0.00	22.51 1.55 0.00	24.36 1.71 0.00	27.13 1.98 0.00	29.57 2.39 0.00	34.31 2.89 0.00	35.12 3.16 0.00	41.25 4.03 -0.13	44.78 3.98 0.00	51.43 4.31 0.00	52.64 4.80 0.00	55.00 5.16 0.00	42.66 4.25 0.00	92.72 9.05 0.00	320.53 30.34 0.00	425.46 35.73 -44.26	158.29 1.87 -135.85	159.46 2.17 -132.75	84.82 2.65 -53.70	97.34 2.41 -70.52	50.64 3.29 -14.05
GOWANUS_GT4_7 24136	21.91 1.82 -0.03	21.91 1.75 -0.01	22.80 1.80 0.00	22.55 1.65 0.00	22.51 1.55 0.00	24.36 1.71 0.00	27.13 1.98 0.00	29.57 2.39 0.00	34.31 2.89 0.00	35.12 3.16 0.00	41.25 4.03 -0.13	44.78 3.98 0.00	51.43 4.31 0.00	52.64 4.80 0.00	55.00 5.16 0.00	42.66 4.25 0.00	92.72 9.05 0.00	320.53 30.34 0.00	425.46 35.73 -44.26	158.29 1.87 -135.85	159.46 2.17 -132.75	84.82 2.65 -53.70	97.34 2.41 -70.52	50.64 3.29 -14.05
GOWANUS_GT4_8 24137	21.91 1.82 -0.03	21.91 1.75 -0.01	22.80 1.80 0.00	22.55 1.65 0.00	22.51 1.55 0.00	24.36 1.71 0.00	27.13 1.98 0.00	29.57 2.39 0.00	34.31 2.89 0.00	35.12 3.16 0.00	41.25 4.03 -0.13	44.78 3.98 0.00	51.43 4.31 0.00	52.64 4.80 0.00	55.00 5.16 0.00	42.66 4.25 0.00	92.72 9.05 0.00	320.53 30.34 0.00	425.46 35.73 -44.26	158.29 1.87 -135.85	159.46 2.17 -132.75	84.82 2.65 -53.70	97.34 2.41 -70.52	50.64 3.29 -14.05
GREENBSH_115KV_TB3 55895	20.52 0.46 0.00	20.63 0.47 0.00	21.48 0.47 0.00	21.38 0.47 0.00	21.43 0.47 0.00	23.14 0.50 0.00	25.69 0.55 0.00	27.78 0.59 0.00	31.96 0.54 0.00	32.50 0.55 0.00	37.78 0.69 0.00	41.43 0.62 0.00	47.92 0.81 0.00	48.97 1.13 0.00	51.08 1.25 0.00	39.50 1.09 0.00	86.03 2.36 0.00	298.25 8.06 0.00	368.51 9.69 -13.35	39.26 0.57 -18.13	322.34 0.72 -297.09	144.61 0.84 -115.29	41.15 0.74 -16.00	37.06 1.02 -2.74
GREENIDGE_115KV_TB5 80291	19.92 -0.15 0.00	20.06 -0.10 0.00	20.87 -0.13 0.00	20.82 -0.08 0.00	20.94 -0.02 0.00	22.88 0.23 0.00	25.46 0.31 0.00	27.96 0.58 -0.20	32.76 0.92 -0.42	32.92 0.93 -0.05	38.39 1.16 -0.14	43.32 1.64 -0.88	50.41 1.97 -1.33	50.66 1.53 -1.29	51.82 1.46 -0.53	39.81 0.57 -0.83	87.54 0.83 -3.04	312.55 3.17 -19.20	348.23 1.29 -1.48	20.61 -0.02 -0.06	25.60 0.00 -1.07	21.16 -0.18 7.14	24.63 -0.22 -0.44	33.13 -0.41 -0.24
GREENIDGE___3 23582	19.92 -0.15 0.00	20.06 -0.10 0.00	20.87 -0.13 0.00	20.82 -0.08 0.00	20.94 -0.02 0.00	22.88 0.23 0.00	25.46 0.31 0.00	27.96 0.58 -0.20	32.76 0.92 -0.42	32.92 0.93 -0.05	38.39 1.16 -0.14	43.32 1.64 -0.88	50.41 1.97 -1.33	50.66 1.53 -1.29	51.82 1.46 -0.53	39.81 0.57 -0.83	87.54 0.83 -3.04	312.55 3.17 -19.20	348.23 1.29 -1.48	20.61 -0.02 -0.06	25.60 0.00 -1.07	21.16 -0.18 7.14	24.63 -0.22 -0.44	33.13 -0.41 -0.24
GREENIDGE___4 23583	19.92 -0.15 0.00	20.06 -0.10 0.00	20.87 -0.13 0.00	20.83 -0.08 0.00	20.94 -0.02 0.00	22.88 0.23 0.00	25.45 0.31 0.00	27.98 0.60 -0.20	32.76 0.92 -0.42	32.92 0.93 -0.05	38.39 1.16 -0.14	43.32 1.64 -0.88	50.41 1.96 -1.33	50.67 1.54 -1.29	51.82 1.45 -0.53	39.81 0.57 -0.83	87.54 0.83 -3.04	312.58 3.19 -19.20	348.05 1.11 -1.48	20.62 -0.01 -0.06	25.60 0.00 -1.07	21.15 -0.19 7.14	24.63 -0.22 -0.44	33.12 -0.41 -0.24
GREENLWN_69_KV_BK 3 55738	21.60 1.54 0.00	22.84 1.62 -1.06	22.75 1.75 0.00	22.55 1.64 0.00	22.52 1.56 0.00	24.33 1.68 0.00	27.08 1.93 0.00	29.22 2.04 0.00	33.60 2.18 0.00	34.18 2.23 0.00	42.47 3.90 -1.48	47.18 4.30 -2.08	49.76 4.65 2.00	25.47 5.20 27.57	49.44 5.38 5.78	54.56 4.42 -11.73	107.88 9.39 -14.81	339.90 31.93 -17.78	403.72 36.99 -21.26	74.97 2.02 -52.39	92.35 2.21 -65.60	62.49 2.60 -31.42	57.84 2.21 -31.23	50.25 2.85 -14.11
GREENWD_138_KV_38B11_REV_LBMP_J 345004	21.91 1.82 -0.03	21.91 1.75 -0.01	22.80 1.80 0.00	22.55 1.65 0.00	22.51 1.55 0.00	24.36 1.71 0.00	27.13 1.98 0.00	29.57 2.39 0.00	34.31 2.89 0.00	35.12 3.16 0.00	41.25 4.03 -0.13	44.78 3.98 0.00	51.43 4.31 0.00	52.64 4.80 0.00	55.00 5.16 0.00	42.66 4.25 0.00	92.72 9.05 0.00	320.53 30.34 0.00	425.46 35.73 -44.26	158.29 1.87 -135.85	159.46 2.17 -132.75	84.82 2.65 -53.70	97.34 2.41 -70.52	50.64 3.29 -14.05
GRISSOM___SOLAR 323813	22.53 2.47 0.00	22.57 2.41 0.00	23.45 2.44 0.00	23.30 2.40 0.00	23.40 2.43 0.00	25.42 2.77 0.00	27.89 2.75 0.00	30.49 3.30 0.00	34.20 2.78 0.00	35.15 3.20 0.00	40.05 2.96 0.00	42.69 1.89 0.00	48.08 0.97 0.00	48.90 1.06 0.00	51.70 1.86 0.00	40.27 1.86 0.00	91.01 7.33 0.00	314.25 24.06 0.00	411.67 53.03 -13.18	28.65 3.61 -4.47	580.51 4.17 -551.81	231.54 4.33 -198.74	46.37 3.49 -18.47	38.96 4.57 -1.10
GROVEVILLE___HYD 323602	21.64 1.58 0.00	21.67 1.50 0.00	22.53 1.53 0.00	22.33 1.42 0.00	22.31 1.34 0.00	24.13 1.48 0.00	26.89 1.75 0.00	29.27 2.08 0.00	33.85 2.43 0.00	34.57 2.62 0.00	40.46 3.37 0.00	44.40 3.59 0.00	51.19 4.07 0.00	52.46 4.62 0.00	54.72 4.88 0.00	42.33 3.92 0.00	92.15 8.47 0.00	319.27 29.08 0.00	394.23 34.75 -14.01	78.21 1.96 -55.68	98.18 2.26 -71.39	57.96 2.61 -26.88	38.55 2.19 -11.95	40.57 2.82 -4.45
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	20.06 0.00 0.00	20.15 -0.01 0.00	19.92 -0.05 1.03	18.23 -0.05 2.62	18.09 -0.03 2.84	20.76 0.02 1.91	24.94 0.05 0.25	28.03 0.20 -0.65	33.14 0.35 -1.38	32.26 0.46 0.15	38.15 0.59 -0.47	44.53 0.88 -2.85	52.58 1.09 -4.37	53.10 1.04 -4.23	52.50 0.93 -1.74	41.80 0.64 -2.74	88.26 1.43 -3.16	298.54 4.99 -3.37	353.65 5.20 -2.99	20.75 0.18 0.00	25.02 0.18 -0.31	29.42 0.13 -0.82	24.64 0.07 -0.16	34.14 0.04 -0.81

HAMLTNNY_34_KV_TB 80303	20.09 0.03 0.00	20.19 0.03 0.00	20.08 0.00 0.92	18.58 -0.01 2.32	18.46 0.01 2.51	21.05 0.10 1.69	25.05 0.13 0.22	28.17 0.32 -0.67	33.34 0.50 -1.41	32.49 0.66 0.11	38.32 0.75 -0.48	44.78 1.06 -2.92	52.91 1.31 -4.48	53.39 1.22 -4.33	52.68 1.07 -1.78	41.93 0.70 -2.81	88.42 1.51 -3.24	299.22 5.58 -3.45	354.10 5.57 -3.06	20.76 0.19 0.00	25.07 0.22 -0.32	29.49 0.17 -0.84	24.68 0.10 -0.16	34.23 0.10 -0.83
HAMPSHIRE___PAPER_HYD 323593	19.23 -0.84 0.00	19.40 -0.76 0.00	-9.49 -0.96 29.53	-54.78 -0.99 74.69	-60.95 -0.98 80.93	-32.81 -0.99 54.48	16.95 -0.94 7.25	26.49 -0.91 -0.21	30.89 -0.99 -0.46	22.09 -1.11 8.75	36.05 -1.19 -0.16	39.21 -1.52 0.08	46.49 -2.04 -1.42	47.12 -2.12 -1.40	48.18 -2.23 -0.57	32.29 -1.85 4.27	80.47 -3.48 -0.27	277.23 -11.29 1.67	337.17 -9.28 -0.99	20.06 -0.51 0.00	-0.15 -0.97 23.71	27.87 -0.88 -0.27	23.78 -0.69 -0.05	32.68 -0.88 -0.27
HARDSCRABBLE_WT_PWR 323673	20.62 0.55 0.00	20.69 0.53 0.00	20.56 0.47 0.92	19.01 0.43 2.32	18.87 0.42 2.51	21.43 0.47 1.69	25.45 0.53 0.22	27.85 0.66 0.00	32.13 0.71 0.00	32.56 0.88 0.27	38.03 0.95 0.00	41.60 0.83 0.03	47.87 0.76 0.00	49.21 1.37 0.00	51.47 1.63 0.00	40.40 1.51 -0.48	87.15 3.40 -0.07	303.68 13.23 -0.26	364.87 19.41 0.00	21.68 1.11 0.00	28.58 1.42 -2.62	29.90 1.42 0.00	25.59 1.18 0.00	34.80 1.51 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	21.49 1.42 0.00	21.52 1.36 0.00	22.38 1.38 0.00	22.16 1.26 0.00	22.15 1.19 0.00	23.96 1.31 0.00	26.72 1.58 0.00	29.12 1.94 0.00	33.78 2.36 0.00	34.63 2.68 0.00	40.57 3.48 0.00	44.50 3.70 0.00	51.32 4.21 0.00	52.58 4.74 0.00	54.85 5.01 0.00	42.34 3.93 0.00	92.35 8.68 0.00	320.19 30.01 0.00	431.76 35.93 -50.36	197.43 2.00 -174.85	136.20 2.27 -109.39	80.24 2.58 -49.17	22.41 2.18 4.18	38.13 2.86 -1.98
HARSNRAD_115KV_TB1 81005	18.78 -1.28 0.00	19.11 -1.05 0.00	19.90 -1.10 0.00	19.84 -1.07 0.00	19.98 -0.98 0.00	21.89 -0.76 0.00	24.30 -0.85 0.00	26.74 -0.44 0.00	31.45 0.04 0.00	32.02 0.07 0.00	37.11 0.03 0.00	41.37 0.72 0.00	47.83 0.72 0.00	47.35 -0.49 0.00	48.95 -0.89 0.00	31.47 -2.19 4.75	50.94 -5.65 27.08	256.73 -18.59 14.86	321.11 -24.80 -0.44	19.12 -1.50 -0.05	24.02 -1.28 -0.77	23.75 -1.46 3.26	23.32 -1.52 -0.43	31.41 -1.88 0.00
HARZA MOOSE___RIVER 24016	20.12 0.05 0.00	20.27 0.10 0.00	12.73 -0.06 8.21	0.05 -0.09 20.77	-1.62 -0.08 22.50	7.54 0.04 15.15	23.34 0.21 2.02	27.79 0.43 -0.18	32.35 0.54 -0.39	30.09 0.54 2.40	37.86 0.64 -0.13	41.92 0.60 -0.52	48.80 0.46 -1.22	49.59 0.56 -1.19	50.83 0.51 -0.49	38.47 0.36 0.31	85.72 1.32 -0.73	295.96 5.41 -0.37	356.39 10.08 -0.84	21.11 0.54 0.00	24.91 0.29 -0.09	29.24 0.54 -0.23	24.97 0.52 -0.05	34.20 0.68 -0.23
HDSNBRDG_115KV_BRDG_TB1 355580	19.91 -0.15 0.00	20.00 -0.16 0.00	19.65 -0.20 1.15	17.79 -0.20 2.91	17.62 -0.19 3.15	20.38 -0.15 2.12	24.72 -0.14 0.28	27.53 -0.01 -0.35	32.29 0.13 -0.75	31.93 0.24 0.26	37.68 0.34 -0.26	42.94 0.61 -1.52	50.22 0.74 -2.37	50.79 0.65 -2.29	51.36 0.59 -0.94	40.26 0.36 -1.49	86.14 0.76 -1.71	294.73 2.72 -1.83	349.57 2.48 -1.62	20.59 0.02 0.00	24.71 0.01 -0.17	28.86 -0.06 -0.44	24.40 -0.10 -0.09	33.54 -0.19 -0.44
HELLGATE_13_KV_LD 55870	21.80 1.73 -0.01	21.81 1.64 -0.01	22.70 1.70 0.00	22.47 1.56 0.00	22.42 1.46 0.00	24.27 1.62 0.00	27.00 1.85 0.00	29.44 2.25 0.00	34.12 2.70 0.00	34.87 2.91 0.00	40.96 3.75 -0.13	44.53 3.73 0.00	51.13 4.02 0.00	52.36 4.52 0.00	54.68 4.84 0.00	42.47 4.06 0.00	92.25 8.58 0.00	318.81 28.62 0.00	394.73 33.68 -15.58	79.71 1.77 -57.36	85.66 2.05 -59.08	56.02 2.49 -25.06	57.78 2.25 -31.12	50.44 3.11 -14.05
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	21.80 1.73 -0.01	21.81 1.64 -0.01	22.70 1.70 0.00	22.47 1.56 0.00	22.42 1.46 0.00	24.27 1.62 0.00	27.00 1.85 0.00	29.44 2.25 0.00	34.12 2.70 0.00	34.87 2.91 0.00	40.96 3.75 -0.13	44.53 3.73 0.00	51.13 4.02 0.00	52.36 4.52 0.00	54.68 4.84 0.00	42.47 4.06 0.00	92.25 8.58 0.00	318.81 28.62 0.00	394.73 33.68 -15.58	79.71 1.77 -57.36	85.66 2.05 -59.08	56.02 2.49 -25.06	57.78 2.25 -31.12	50.44 3.11 -14.05
HEMPSTEAD____ 23647	21.76 1.70 0.00	22.91 1.69 -1.06	22.78 1.78 0.00	22.57 1.66 0.00	22.54 1.58 0.00	24.36 1.71 0.00	27.13 1.98 0.00	29.40 2.22 0.00	33.97 2.55 0.00	34.58 2.63 0.00	43.29 4.01 -2.19	52.50 4.23 -7.47	52.63 4.62 -0.89	62.04 5.17 -9.03	70.66 5.60 -15.22	154.93 4.55 -111.97	204.44 9.76 -110.99	404.64 33.36 -81.09	442.01 38.96 -57.59	114.21 2.13 -91.51	105.95 2.39 -79.03	62.73 2.84 -31.42	58.08 2.45 -31.23	50.56 3.16 -14.11
HEWLETT_69_KV_BK3 55828	22.03 1.97 0.00	23.15 1.93 -1.06	23.00 2.00 0.00	22.79 1.88 0.00	22.75 1.79 0.00	24.61 1.96 0.00	27.36 2.21 0.00	29.67 2.49 0.00	34.34 2.92 0.00	35.02 3.06 0.00	43.57 4.30 -2.19	52.94 4.67 -7.47	53.14 5.13 -0.89	62.43 5.55 -9.03	71.05 5.99 -15.22	125.58 4.92 -82.24	172.77 10.19 -78.91	382.59 34.41 -57.99	429.31 40.35 -43.50	110.59 2.22 -87.80	106.04 2.48 -79.03	62.86 2.97 -31.42	58.30 2.67 -31.23	50.96 3.56 -14.11
HICKLING___1 23621	19.86 -0.20 0.00	20.01 -0.15 0.00	20.87 -0.13 0.00	20.86 -0.05 0.00	20.92 -0.04 0.00	22.90 0.25 0.00	25.45 0.30 0.00	28.04 0.66 -0.20	32.93 1.09 -0.42	33.16 1.16 -0.05	38.80 1.57 -0.14	43.75 2.07 -0.88	50.73 2.29 -1.33	51.12 1.99 -1.29	52.41 2.05 -0.53	40.07 0.91 -0.75	86.06 1.31 -1.07	300.55 5.15 -5.21	351.65 4.46 -1.72	20.57 -0.17 -0.18	41.18 -0.12 -16.77	25.42 -0.46 2.60	24.69 -0.40 -0.68	33.20 -0.34 -0.24
HICKLING___2 23622	19.86 -0.20 0.00	20.01 -0.15 0.00	20.87 -0.13 0.00	20.86 -0.05 0.00	20.92 -0.04 0.00	22.90 0.25 0.00	25.45 0.30 0.00	28.04 0.66 -0.20	32.93 1.09 -0.42	33.16 1.16 -0.05	38.80 1.57 -0.14	43.75 2.07 -0.88	50.73 2.29 -1.33	51.12 1.99 -1.29	52.41 2.05 -0.53	40.07 0.91 -0.75	86.06 1.31 -1.07	300.55 5.15 -5.21	351.65 4.46 -1.72	20.57 -0.17 -0.18	41.18 -0.12 -16.77	25.42 -0.46 2.60	24.69 -0.40 -0.68	33.20 -0.34 -0.24
HIGH FALLS___HY 23754	21.60 1.54 0.00	21.60 1.43 0.00	22.44 1.44 0.00	22.21 1.30 0.00	22.19 1.23 0.00	24.00 1.35 0.00	26.77 1.63 0.00	29.21 2.02 0.00	33.89 2.47 0.00	34.70 2.75 0.00	40.76 3.67 0.00	44.85 4.04 0.00	51.51 4.40 0.00	52.67 4.83 0.00	54.97 5.14 0.00	42.48 4.07 0.00	92.42 8.75 0.00	320.81 30.62 0.00	390.66 37.22 -7.98	52.37 2.11 -29.69	113.33 2.42 -86.38	63.00 2.80 -31.73	30.19 2.27 -3.52	36.49 2.86 -0.33
HIGH_RIVER___SOLAR 323847	21.06 1.00 0.00	21.13 0.97 0.00	21.98 0.98 0.00	21.87 0.96 0.00	21.93 0.97 0.00	23.74 1.09 0.00	26.33 1.18 0.00	28.48 1.30 0.00	32.91 1.49 0.00	33.42 1.46 0.00	38.64 1.55 0.00	42.25 1.44 0.00	48.28 1.17 0.00	49.14 1.30 0.00	51.51 1.67 0.00	39.91 1.50 0.00	86.90 3.22 0.00	302.97 12.79 0.00	383.37 19.70 -18.20	39.32 1.34 -17.41	638.68 1.65 -612.50	251.86 1.85 -221.53	47.58 1.53 -21.65	37.53 2.00 -2.24

HILLBURN___GT 23639	21.44 1.37 0.00	21.48 1.32 0.00	22.35 1.35 0.00	22.12 1.22 0.00	22.10 1.14 0.00	23.90 1.25 0.00	26.66 1.52 0.00	29.06 1.88 0.00	33.72 2.30 0.00	34.58 2.62 0.00	40.47 3.38 0.00	44.36 3.55 0.00	51.08 3.97 0.00	52.27 4.44 0.00	54.57 4.74 0.00	42.24 3.83 0.00	91.98 8.30 0.00	318.56 28.37 0.00	423.35 33.91 -43.97	176.54 1.85 -154.11	129.13 2.12 -102.48	76.03 2.41 -45.15	18.05 2.09 8.45	35.29 2.78 0.78
HILLSIDE_115KV_TB1 80332	19.70 -0.36 0.00	19.83 -0.33 0.00	20.69 -0.31 0.00	20.66 -0.24 0.00	20.69 -0.27 0.00	22.60 -0.05 0.00	25.10 -0.04 0.00	27.68 0.29 -0.20	32.50 0.64 -0.44	32.75 0.75 -0.05	38.27 1.04 -0.15	43.14 1.43 -0.91	49.94 1.45 -1.38	50.42 1.25 -1.33	51.73 1.35 -0.55	39.72 0.52 -0.79	85.22 0.52 -1.02	297.48 2.58 -4.72	348.83 1.58 -1.78	20.39 -0.36 -0.18	41.60 -0.31 -0.70	25.98 -0.70 1.80	24.59 -0.55 -0.74	33.02 -0.52 -0.25
HISHELDN_WT_PWR 323625	19.08 -0.98 0.00	19.38 -0.78 0.00	20.20 -0.80 0.00	20.18 -0.72 0.00	20.34 -0.62 0.00	22.33 -0.32 0.00	24.78 -0.37 0.00	27.21 0.03 0.00	31.94 0.52 0.00	32.55 0.60 0.00	37.90 0.81 0.00	42.20 1.39 0.00	48.79 1.67 0.00	48.58 0.74 0.00	50.23 0.40 0.00	36.78 -1.25 0.38	74.23 -3.98 5.47	246.71 -13.30 30.17	327.57 -18.44 -0.55	19.40 -1.23 -0.06	24.37 -1.09 -0.94	23.20 -1.38 3.90	23.59 -1.32 -0.50	31.80 -1.49 0.00
HOLTSVILLE_IC_1 23690	21.80 1.74 0.00	22.97 1.76 -1.06	22.86 1.86 0.00	22.65 1.75 0.00	22.62 1.66 0.00	24.43 1.79 0.00	27.26 2.12 0.00	29.49 2.31 0.00	33.95 2.53 0.00	34.48 2.53 0.00	71.97 4.33 -30.56	81.91 4.56 -36.54	65.92 4.99 -13.82	321.44 5.49 -268.11	164.67 5.83 -109.01	295.78 4.68 -252.69	302.86 9.97 -209.21	449.46 34.02 -125.25	458.87 39.07 -74.33	250.63 2.18 -227.88	165.97 2.46 -138.98	62.84 2.95 -31.42	58.14 2.50 -31.23	50.60 3.20 -14.11
HOLTSVILLE_IC_10 23699	21.93 1.87 0.00	23.10 1.88 -1.06	22.98 1.98 0.00	22.76 1.86 0.00	22.73 1.77 0.00	24.56 1.91 0.00	27.41 2.27 0.00	29.68 2.50 0.00	34.18 2.76 0.00	34.71 2.76 -28.61	70.38 4.69 -38.00	83.78 4.99 -14.83	67.44 5.49 -272.58	326.44 6.02 -272.58	172.48 6.28 -116.37	312.57 5.02 -269.15	316.94 10.49 -222.77	458.82 35.71 -132.93	464.58 40.89 -78.22	262.18 2.36 -239.26	170.93 2.71 -143.69	63.11 3.21 -31.42	58.35 2.71 -31.23	50.86 3.46 -14.11
HOLTSVILLE_IC_2 23691	21.80 1.74 0.00	22.97 1.76 -1.06	22.86 1.86 0.00	22.65 1.75 0.00	22.62 1.66 0.00	24.43 1.79 0.00	27.26 2.12 0.00	29.49 2.31 0.00	33.95 2.53 0.00	34.48 2.53 0.00	71.97 4.33 -30.56	81.91 4.56 -36.54	65.92 4.99 -13.82	321.44 5.49 -268.11	164.67 5.83 -109.01	295.78 4.68 -252.69	302.86 9.97 -209.21	449.46 34.02 -125.25	458.87 39.07 -74.33	250.63 2.18 -227.88	165.97 2.46 -138.98	62.84 2.95 -31.42	58.14 2.50 -31.23	50.60 3.20 -14.11
HOLTSVILLE_IC_3 23692	21.80 1.74 0.00	22.97 1.76 -1.06	22.86 1.86 0.00	22.65 1.75 0.00	22.62 1.66 0.00	24.43 1.79 0.00	27.26 2.12 0.00	29.49 2.31 0.00	33.95 2.53 0.00	34.48 2.53 0.00	71.97 4.33 -30.56	81.91 4.56 -36.54	65.92 4.99 -13.82	321.44 5.49 -268.11	164.67 5.83 -109.01	295.78 4.68 -252.69	302.86 9.97 -209.21	449.46 34.02 -125.25	458.87 39.07 -74.33	250.63 2.18 -227.88	165.97 2.46 -138.98	62.84 2.95 -31.42	58.14 2.50 -31.23	50.60 3.20 -14.11
HOLTSVILLE_IC_4 23693	21.80 1.74 0.00	22.97 1.76 -1.06	22.86 1.86 0.00	22.65 1.75 0.00	22.62 1.66 0.00	24.43 1.79 0.00	27.26 2.12 0.00	29.49 2.31 0.00	33.95 2.53 0.00	34.48 2.53 0.00	71.97 4.33 -30.56	81.91 4.56 -36.54	65.92 4.99 -13.82	321.44 5.49 -268.11	164.67 5.83 -109.01	295.78 4.68 -252.69	302.86 9.97 -209.21	449.46 34.02 -125.25	458.87 39.07 -74.33	250.63 2.18 -227.88	165.97 2.46 -138.98	62.84 2.95 -31.42	58.14 2.50 -31.23	50.60 3.20 -14.11
HOLTSVILLE_IC_5 23694	21.80 1.74 0.00	22.97 1.76 -1.06	22.86 1.86 0.00	22.65 1.75 0.00	22.62 1.66 0.00	24.43 1.79 0.00	27.26 2.12 0.00	29.49 2.31 0.00	33.95 2.53 0.00	34.48 2.53 0.00	71.97 4.33 -30.56	81.91 4.56 -36.54	65.92 4.99 -13.82	321.44 5.49 -268.11	164.67 5.83 -109.01	295.78 4.68 -252.69	302.86 9.97 -209.21	449.46 34.02 -125.25	458.87 39.07 -74.33	250.63 2.18 -227.88	165.97 2.46 -138.98	62.84 2.95 -31.42	58.14 2.50 -31.23	50.60 3.20 -14.11
HOLTSVILLE_IC_6 23695	21.93 1.87 0.00	23.10 1.88 -1.06	22.98 1.98 0.00	22.76 1.86 0.00	22.73 1.77 0.00	24.56 1.91 0.00	27.41 2.27 0.00	29.68 2.50 0.00	34.18 2.76 0.00	34.71 2.76 -28.61	70.38 4.69 -38.00	83.78 4.99 -14.83	67.44 5.49 -272.58	326.44 6.02 -272.58	172.48 6.28 -116.37	312.57 5.02 -269.15	316.94 10.49 -222.77	458.82 35.71 -132.93	464.58 40.89 -78.22	262.18 2.36 -239.26	170.93 2.71 -143.69	63.11 3.21 -31.42	58.35 2.71 -31.23	50.86 3.46 -14.11
HOLTSVILLE_IC_7 23696	21.93 1.87 0.00	23.10 1.88 -1.06	22.98 1.98 0.00	22.76 1.86 0.00	22.73 1.77 0.00	24.56 1.91 0.00	27.41 2.27 0.00	29.68 2.50 0.00	34.18 2.76 0.00	34.71 2.76 -28.61	70.38 4.69 -38.00	83.78 4.99 -14.83	67.44 5.49 -272.58	326.44 6.02 -272.58	172.48 6.28 -116.37	312.57 5.02 -269.15	316.94 10.49 -222.77	458.82 35.71 -132.93	464.58 40.89 -78.22	262.18 2.36 -239.26	170.93 2.71 -143.69	63.11 3.21 -31.42	58.35 2.71 -31.23	50.86 3.46 -14.11
HOLTSVILLE_IC_8 23697	21.93 1.87 0.00	23.10 1.88 -1.06	22.98 1.98 0.00	22.76 1.86 0.00	22.73 1.77 0.00	24.56 1.91 0.00	27.41 2.27 0.00	29.68 2.50 0.00	34.18 2.76 0.00	34.71 2.76 -28.61	70.38 4.69 -38.00	83.78 4.99 -14.83	67.44 5.49 -272.58	326.44 6.02 -272.58	172.48 6.28 -116.37	312.57 5.02 -269.15	316.94 10.49 -222.77	458.82 35.71 -132.93	464.58 40.89 -78.22	262.18 2.36 -239.26	170.93 2.71 -143.69	63.11 3.21 -31.42	58.35 2.71 -31.23	50.86 3.46 -14.11
HOLTSVILLE_IC_9 23698	21.93 1.87 0.00	23.10 1.88 -1.06	22.98 1.98 0.00	22.76 1.86 0.00	22.73 1.77 0.00	24.56 1.91 0.00	27.41 2.27 0.00	29.68 2.50 0.00	34.18 2.76 0.00	34.71 2.76 -28.61	70.38 4.69 -38.00	83.78 4.99 -14.83	67.44 5.49 -272.58	326.44 6.02 -272.58	172.48 6.28 -116.37	312.57 5.02 -269.15	316.94 10.49 -222.77	458.82 35.71 -132.93	464.58 40.89 -78.22	262.18 2.36 -239.26	170.93 2.71 -143.69	63.11 3.21 -31.42	58.35 2.71 -31.23	50.86 3.46 -14.11
HOMER_HL_115KV_TB2 355744	19.53 -0.53 0.00	19.80 -0.36 0.00	20.69 -0.31 0.00	20.66 -0.25 0.00	20.71 -0.25 0.00	22.69 0.04 0.00	25.13 -0.01 0.00	27.50 0.32 0.00	32.31 0.89 0.00	32.85 0.89 0.00	38.10 1.01 0.00	42.33 1.53 0.00	48.54 1.43 0.00	48.57 0.73 0.00	50.44 0.61 0.00	37.61 -0.72 0.09	80.95 -1.97 0.75	281.52 -6.15 2.51	335.66 -10.39 -0.58	19.71 -0.93 -0.07	24.88 -0.65 -0.99	23.29 -1.12 4.06	23.91 -1.03 -0.53	32.30 -0.99 0.00
HOWARD_WT_PWR 323690	19.21 -0.85 0.00	19.45 -0.72 0.00	20.26 -0.74 0.00	20.37 -0.54 0.00	20.57 -0.39 0.00	22.78 0.13 0.00	25.27 0.12 0.00	27.77 0.44 -0.15	33.15 1.37 -0.36	33.35 1.36 -0.04	38.69 1.50 -0.10	43.49 2.04 -0.64	50.44 2.35 -0.97	50.48 1.70 -0.94	51.62 1.40 -0.39	38.42 -0.49 -0.50	85.51 -2.14 -3.97	314.65 -10.12 -34.59	338.12 -8.68 -1.33	19.70 -0.94 -0.07	24.30 -1.43 -1.20	18.35 -1.91 8.22	23.13 -1.78 -0.50	31.44 -2.03 -0.18

HQ_GEN_CEDARS 23644	19.50 -0.57 0.00	19.65 -0.51 0.00	-40.11 -0.53 60.58	-132.83 -0.51 153.23	-145.57 -0.51 166.02	-89.71 -0.61 111.75	9.50 -0.76 14.88	26.20 -0.98 0.01	30.19 -1.23 0.00	12.42 -1.49 18.04	35.16 -1.93 0.00	36.39 -2.29 2.12	44.50 -2.54 0.07	45.07 -2.77 0.00	47.03 -2.81 0.00	26.76 -2.40 9.24	77.19 -5.09 1.39	267.43 -17.79 4.96	325.14 -20.33 0.00	19.55 -1.02 0.00	17.43 -1.14 5.96	27.26 -1.22 0.00	23.35 -1.06 0.00	31.96 -1.33 0.00
HQ_GEN_CEDARS_PROXY 323590	19.50 -0.57 0.00	19.65 -0.51 0.00	-40.11 -0.53 60.58	-132.83 -0.51 153.23	-145.57 -0.51 166.02	-89.71 -0.61 111.75	9.50 -0.76 14.88	26.20 -0.97 0.01	29.71 -1.23 0.48	12.42 -1.49 18.04	35.16 -1.93 0.00	36.39 -2.29 2.12	45.27 -2.55 -0.70	45.07 -2.77 0.00	47.03 -2.81 0.00	22.41 -2.40 13.60	77.19 -5.09 1.39	267.42 -17.80 4.96	325.13 -20.33 0.00	19.54 -1.03 0.00	17.42 -1.15 5.96	27.26 -1.22 0.00	23.35 -1.06 0.00	41.41 -1.33 -9.45
HQ_GEN_IMPORT 323601	19.76 -0.31 0.00	19.87 -0.29 0.00	22.79 -0.26 -2.05	25.85 -0.23 -5.18	26.34 -0.23 -5.61	26.13 -0.29 -3.78	25.27 -0.37 -0.50	26.65 -0.53 0.00	30.73 -0.69 0.00	31.75 -0.81 -0.61	35.67 -1.11 0.31	39.59 -1.28 -0.07	46.18 -1.45 -0.52	46.24 -1.60 0.00	52.87 -1.62 -4.66	26.68 -1.29 10.44	80.55 -2.80 0.33	279.25 -9.76 1.18	284.37 -11.42 49.68	19.98 -0.59 0.00	22.28 -0.68 1.57	27.72 -0.75 0.00	23.77 -0.64 0.00	38.18 -0.79 -5.68
HQ_GEN_WHEEL 23651	19.76 -0.31 0.00	19.87 -0.29 0.00	22.79 -0.26 -2.05	25.85 -0.23 -5.18	26.34 -0.23 -5.61	26.13 -0.29 -3.78	25.27 -0.37 -0.50	26.65 -0.53 0.00	30.73 -0.69 0.00	31.75 -0.81 -0.61	35.67 -1.11 0.31	39.59 -1.28 -0.07	46.18 -1.45 -0.52	46.24 -1.60 0.00	52.87 -1.62 -4.66	26.68 -1.29 10.44	80.55 -2.80 0.33	279.25 -9.76 1.18	284.37 -11.42 49.68	19.98 -0.59 0.00	22.28 -0.68 1.57	27.72 -0.75 0.00	23.77 -0.64 0.00	38.18 -0.79 -5.68
HUDSON AVE_GT_3 23810	21.76 1.70 0.00	21.77 1.61 0.00	22.67 1.67 0.00	22.43 1.52 0.00	22.38 1.42 0.00	24.21 1.56 0.00	27.00 1.86 0.00	29.45 2.27 0.00	34.19 2.77 0.00	35.06 3.10 0.00	41.13 3.92 -0.13	44.81 4.00 0.00	51.50 4.38 0.00	52.74 4.90 0.00	55.05 5.22 0.00	42.70 4.29 0.00	92.90 9.23 0.00	321.44 31.25 0.00	403.90 36.52 -21.91	105.13 1.96 -82.60	105.80 2.30 -78.96	62.58 2.73 -31.38	57.93 2.40 -31.12	50.60 3.25 -14.05
HUDSON AVE_GT_4 23540	21.76 1.70 0.00	21.77 1.61 0.00	22.67 1.67 0.00	22.43 1.52 0.00	22.38 1.42 0.00	24.21 1.56 0.00	27.00 1.86 0.00	29.45 2.27 0.00	34.19 2.77 0.00	35.06 3.10 0.00	41.13 3.92 -0.13	44.81 4.00 0.00	51.50 4.38 0.00	52.74 4.90 0.00	55.05 5.22 0.00	42.70 4.29 0.00	92.90 9.23 0.00	321.44 31.25 0.00	403.90 36.52 -21.91	105.13 1.96 -82.60	105.80 2.30 -78.96	62.58 2.73 -31.38	57.93 2.40 -31.12	50.60 3.25 -14.05
HUDSON AVE_GT_5 23657	21.76 1.70 0.00	21.77 1.61 0.00	22.67 1.67 0.00	22.43 1.52 0.00	22.38 1.42 0.00	24.21 1.56 0.00	27.00 1.86 0.00	29.45 2.27 0.00	34.19 2.77 0.00	35.06 3.10 0.00	41.13 3.92 -0.13	44.81 4.00 0.00	51.50 4.38 0.00	52.74 4.90 0.00	55.05 5.22 0.00	42.70 4.29 0.00	92.90 9.23 0.00	321.44 31.25 0.00	403.90 36.52 -21.91	105.13 1.96 -82.60	105.80 2.30 -78.96	62.58 2.73 -31.38	57.93 2.40 -31.12	50.60 3.25 -14.05
HUDSON_AVE_10 24168	21.70 1.64 0.00	21.71 1.54 0.00	22.61 1.61 0.00	22.36 1.46 0.00	22.32 1.36 0.00	24.15 1.50 0.00	26.92 1.78 0.00	29.38 2.20 0.00	34.13 2.71 0.00	35.01 3.06 0.00	41.09 3.87 -0.13	44.77 3.97 0.00	51.48 4.36 0.00	52.69 4.85 0.00	54.99 5.16 0.00	42.64 4.24 0.00	92.82 9.14 0.00	321.20 31.01 0.00	403.49 36.11 -21.91	105.11 1.94 -82.60	105.78 2.29 -78.96	62.56 2.71 -31.38	57.91 2.38 -31.12	50.56 3.22 -14.05
HUDSON___115KV_TB 4 355613	20.94 0.88 0.00	21.09 0.94 0.00	21.96 0.96 0.00	21.86 0.95 0.00	21.93 0.98 0.00	23.72 1.07 0.00	26.33 1.19 0.00	28.42 1.24 0.00	32.65 1.23 0.00	33.17 1.22 0.00	38.49 1.40 0.00	42.29 1.49 0.00	49.01 1.89 0.00	49.92 2.08 0.00	51.89 2.05 0.00	40.05 1.64 0.00	87.55 3.88 0.00	304.32 14.13 0.00	375.97 18.43 -12.08	40.92 1.21 -19.14	270.11 1.46 -244.12	123.84 1.72 -93.65	39.45 1.37 -13.66	37.55 1.84 -2.42
HUNTER MOUNT___DRP 323613	21.04 0.98 0.00	21.17 1.02 0.00	22.03 1.02 0.00	21.96 1.05 0.00	22.04 1.08 0.00	23.84 1.19 0.00	26.46 1.32 0.00	28.57 1.38 0.00	32.83 1.41 0.00	33.31 1.36 0.00	38.64 1.55 0.00	42.50 1.70 0.00	49.20 2.09 0.00	50.06 2.22 0.00	51.97 2.14 0.00	40.08 1.67 0.00	87.75 4.07 0.00	305.45 15.27 0.00	376.89 20.18 -11.24	43.18 1.36 -21.25	233.89 1.60 -207.76	109.55 1.93 -79.14	37.67 1.51 -11.75	37.43 2.05 -2.09
HUNTINGTON_RES_REC 323705	21.75 1.69 0.00	22.96 1.74 -1.06	22.86 1.86 0.00	22.65 1.74 0.00	22.61 1.65 0.00	24.43 1.78 0.00	27.23 2.08 0.00	29.42 2.24 0.00	33.83 2.41 0.00	34.38 2.44 0.00	81.90 4.30 -40.51	119.93 4.68 -74.45	85.84 5.11 -33.62	591.46 5.66 -537.96	308.49 5.90 -252.76	603.01 4.83 -559.77	552.38 10.29 -458.41	589.30 35.14 -263.98	529.39 40.60 -143.33	471.15 2.24 -448.33	257.93 2.50 -230.89	62.82 2.92 -31.42	58.10 2.46 -31.23	50.55 3.15 -14.11
HUNTLEY___63 23557	19.03 -1.03 0.00	19.37 -0.79 0.00	20.16 -0.84 0.00	20.09 -0.82 0.00	20.23 -0.73 0.00	22.17 -0.48 0.00	24.61 -0.53 0.00	27.11 -0.07 0.00	31.84 0.42 0.00	32.40 0.45 0.00	37.61 0.52 0.00	41.95 1.14 0.00	48.53 1.41 0.00	47.98 0.14 0.00	49.62 -0.21 0.00	37.07 -1.72 -0.38	80.02 -4.69 -1.04	266.80 -14.79 8.60	325.72 -20.22 -0.47	19.36 -1.27 -0.05	24.34 -1.00 -0.80	24.58 -1.13 2.77	23.57 -1.29 -0.45	31.79 -1.51 0.00
HUNTLEY___64 23558	19.03 -1.03 0.00	19.37 -0.79 0.00	20.16 -0.84 0.00	20.09 -0.82 0.00	20.23 -0.73 0.00	22.17 -0.48 0.00	24.61 -0.53 0.00	27.11 -0.07 0.00	31.84 0.42 0.00	32.40 0.45 0.00	37.61 0.52 0.00	41.95 1.14 0.00	48.53 1.41 0.00	47.98 0.14 0.00	49.62 -0.21 0.00	37.07 -1.72 -0.38	80.02 -4.69 -1.04	266.80 -14.79 8.60	325.72 -20.22 -0.47	19.36 -1.27 -0.05	24.34 -1.00 -0.80	24.58 -1.13 2.77	23.57 -1.29 -0.45	31.79 -1.51 0.00
HUNTLEY___65 23559	19.03 -1.03 0.00	19.37 -0.79 0.00	20.16 -0.84 0.00	20.09 -0.82 0.00	20.23 -0.73 0.00	22.17 -0.48 0.00	24.61 -0.53 0.00	27.11 -0.07 0.00	31.84 0.42 0.00	32.40 0.45 0.00	37.61 0.52 0.00	41.95 1.14 0.00	48.53 1.41 0.00	47.98 0.14 0.00	49.62 -0.21 0.00	37.07 -1.72 -0.38	80.02 -4.69 -1.04	266.80 -14.79 8.60	325.72 -20.22 -0.47	19.36 -1.27 -0.05	24.34 -1.00 -0.80	24.58 -1.13 2.77	23.57 -1.29 -0.45	31.79 -1.51 0.00
HUNTLEY___66 23560	19.03 -1.03 0.00	19.37 -0.79 0.00	20.16 -0.84 0.00	20.09 -0.82 0.00	20.23 -0.73 0.00	22.17 -0.48 0.00	24.61 -0.53 0.00	27.11 -0.07 0.00	31.84 0.42 0.00	32.40 0.45 0.00	37.61 0.52 0.00	41.95 1.14 0.00	48.53 1.41 0.00	47.98 0.14 0.00	49.62 -0.21 0.00	37.07 -1.72 -0.38	80.02 -4.69 -1.04	266.80 -14.79 8.60	325.72 -20.22 -0.47	19.36 -1.27 -0.05	24.34 -1.00 -0.80	24.58 -1.13 2.77	23.57 -1.29 -0.45	31.79 -1.51 0.00

HUNTLEY___67 23561	18.98 -1.08 0.00	19.31 -0.85 0.00	20.11 -0.89 0.00	20.04 -0.87 0.00	20.18 -0.77 0.00	22.10 -0.55 0.00	24.53 -0.62 0.00	26.98 -0.21 0.00	31.72 0.30 0.00	32.33 0.38 0.00	37.52 0.44 0.00	41.86 1.05 0.00	48.40 1.28 0.00	47.96 0.12 0.00	49.62 -0.21 0.00	36.58 -1.65 0.18	76.97 -4.50 2.21	264.77 -14.56 10.85	326.20 -19.75 -0.48	19.38 -1.25 -0.05	24.36 -1.00 -0.82	24.29 -1.22 2.96	23.57 -1.29 -0.46	31.74 -1.55 0.00
HUNTLEY___68 23562	18.98 -1.08 0.00	19.31 -0.85 0.00	20.11 -0.89 0.00	20.04 -0.87 0.00	20.18 -0.77 0.00	22.10 -0.55 0.00	24.53 -0.62 0.00	26.98 -0.21 0.00	31.72 0.30 0.00	32.33 0.38 0.00	37.52 0.44 0.00	41.86 1.05 0.00	48.40 1.28 0.00	47.96 0.12 0.00	49.62 -0.21 0.00	36.58 -1.65 0.18	76.97 -4.50 2.21	264.77 -14.56 10.85	326.20 -19.75 -0.48	19.38 -1.25 -0.05	24.36 -1.00 -0.82	24.29 -1.22 2.96	23.57 -1.29 -0.46	31.74 -1.55 0.00
HYLAND___LFGE 323620	20.41 0.35 0.00	20.59 0.43 0.00	21.43 0.42 0.00	21.40 0.49 0.00	21.52 0.56 0.00	23.51 0.86 0.00	25.85 0.70 0.00	28.09 0.91 0.00	32.62 1.20 0.00	31.64 -0.32 0.00	35.97 -1.12 0.00	39.34 -1.46 0.00	45.52 -1.60 0.00	45.65 -2.19 0.00	46.95 -2.89 0.00	35.88 -2.53 0.00	84.06 -3.98 -4.37	316.43 -12.15 -38.40	323.87 -22.13 -0.53	19.72 -0.91 -0.06	24.28 -1.14 -0.89	22.71 -1.43 4.33	24.43 -0.43 -0.45	33.08 -0.21 0.00
INDECK___CORINTH 23802	20.98 0.92 0.00	21.05 0.89 0.00	21.88 0.88 0.00	21.85 0.95 0.00	21.89 0.93 0.00	23.75 1.10 0.00	26.38 1.24 0.00	28.50 1.32 0.00	32.88 1.46 0.00	33.44 1.48 0.00	38.61 1.52 0.00	42.56 1.76 0.00	49.42 2.30 0.00	50.51 2.67 0.00	52.76 2.93 0.00	40.77 2.36 0.00	89.11 5.43 0.00	310.04 19.85 0.00	391.35 27.53 -18.34	41.02 1.61 -18.84	621.58 2.01 -595.03	245.16 2.12 -214.56	48.58 2.29 -21.88	38.67 2.85 -2.53
INDECK___ILION 23567	20.42 0.36 0.00	20.50 0.34 0.00	20.40 0.32 0.92	18.89 0.30 2.32	18.74 0.30 2.51	21.29 0.33 1.69	25.30 0.38 0.22	27.65 0.47 0.00	31.94 0.52 0.00	32.28 0.60 0.27	37.75 0.67 0.00	41.40 0.63 0.03	47.74 0.62 0.00	48.81 0.97 0.00	50.95 1.12 0.00	39.90 1.01 -0.48	86.03 2.28 -0.07	299.20 8.76 -0.26	357.95 12.48 0.00	21.27 0.70 0.00	28.05 0.89 -2.62	29.37 0.90 0.00	25.16 0.75 0.00	34.26 0.96 0.00
INDECK___OLEAN 23982	19.53 -0.53 0.00	19.80 -0.36 0.00	20.69 -0.31 0.00	20.67 -0.24 0.00	20.71 -0.25 0.00	22.69 0.04 0.00	25.14 -0.01 0.00	27.51 0.32 0.00	32.31 0.89 0.00	32.84 0.89 0.00	38.10 1.01 0.00	42.33 1.52 0.00	48.54 1.43 0.00	48.59 0.75 0.00	50.43 0.59 0.00	37.62 -0.70 0.09	81.01 -1.91 0.75	281.49 -6.18 2.51	335.29 -10.76 -0.58	19.73 -0.91 -0.07	24.90 -0.63 -0.99	23.25 -1.17 4.06	23.91 -1.03 -0.53	32.31 -0.99 0.00
INDECK___OSWEGO 23783	19.67 -0.40 0.00	19.76 -0.40 0.00	18.61 -0.46 1.93	15.57 -0.47 4.87	15.23 -0.46 5.28	18.63 -0.46 3.55	24.16 -0.51 0.47	28.17 -0.58 -1.56	34.05 -0.67 -3.30	30.95 -0.79 0.21	37.51 -0.71 -1.13	47.04 -0.59 -6.83	56.89 -0.68 -10.46	57.19 -0.77 -10.11	52.97 -1.01 -4.15	44.23 -0.74 -6.56	89.66 -1.57 -7.55	293.17 -5.06 -8.05	346.41 -6.20 -7.15	20.15 -0.42 0.00	21.76 -0.57 2.20	29.75 -0.68 -1.96	24.17 -0.62 -0.39	34.32 -0.91 -1.94
INDECK___YERKES 23781	19.05 -1.01 0.00	19.39 -0.77 0.00	20.19 -0.81 0.00	20.12 -0.79 0.00	20.25 -0.71 0.00	22.19 -0.46 0.00	24.64 -0.51 0.00	27.14 -0.04 0.00	31.85 0.43 0.00	32.40 0.45 0.00	37.60 0.51 0.00	41.95 1.15 0.00	48.54 1.43 0.00	48.01 0.17 0.00	49.61 -0.23 0.00	37.09 -1.70 -0.38	80.04 -4.67 -1.04	266.77 -14.82 8.60	325.07 -20.87 -0.47	19.39 -1.23 -0.05	24.37 -0.97 -0.80	24.54 -1.17 2.77	23.58 -1.28 -0.45	31.83 -1.47 0.00
INDIAN POINT_GT_1 24139	21.45 1.39 0.00	21.50 1.33 0.00	22.38 1.38 0.00	22.16 1.25 0.00	22.13 1.17 0.00	23.94 1.29 0.00	26.69 1.54 0.00	29.06 1.88 0.00	33.69 2.27 0.00	34.49 2.54 0.00	40.38 3.30 0.00	44.21 3.41 0.00	50.89 3.78 0.00	52.10 4.26 0.00	54.39 4.55 0.00	42.13 3.72 0.00	91.68 8.00 0.00	317.52 27.33 0.00	401.64 32.24 -23.93	111.33 1.77 -88.99	107.29 2.04 -80.72	63.38 2.39 -32.51	65.72 2.07 -39.24	66.22 2.76 -30.16
INDIAN POINT_GT_2 23659	21.45 1.39 0.00	21.50 1.33 0.00	22.38 1.38 0.00	22.16 1.25 0.00	22.13 1.17 0.00	23.94 1.29 0.00	26.69 1.54 0.00	29.06 1.88 0.00	33.69 2.27 0.00	34.49 2.54 0.00	40.38 3.30 0.00	44.21 3.41 0.00	50.89 3.78 0.00	52.10 4.26 0.00	54.39 4.55 0.00	42.13 3.72 0.00	91.68 8.00 0.00	317.52 27.33 0.00	401.64 32.24 -23.93	111.33 1.77 -88.99	107.29 2.04 -80.72	63.38 2.39 -32.51	65.72 2.07 -39.24	66.22 2.76 -30.16
INDIAN POINT_GT_3 24019	21.45 1.39 0.00	21.50 1.33 0.00	22.38 1.38 0.00	22.16 1.25 0.00	22.13 1.17 0.00	23.94 1.29 0.00	26.69 1.54 0.00	29.06 1.88 0.00	33.69 2.27 0.00	34.49 2.54 0.00	40.38 3.30 0.00	44.21 3.41 0.00	50.89 3.78 0.00	52.10 4.26 0.00	54.39 4.55 0.00	42.13 3.72 0.00	91.68 8.00 0.00	317.52 27.33 0.00	401.64 32.24 -23.93	111.33 1.77 -88.99	107.29 2.04 -80.72	63.38 2.39 -32.51	65.72 2.07 -39.24	66.22 2.76 -30.16
INDIAN POINT___2 23530	21.42 1.35 0.00	21.46 1.30 0.00	22.33 1.34 0.00	22.11 1.21 0.00	22.09 1.12 0.00	23.89 1.24 0.00	26.63 1.49 0.00	29.01 1.83 0.00	33.63 2.22 0.00	34.45 2.50 0.00	40.32 3.23 0.00	44.15 3.35 0.00	50.81 3.69 0.00	52.02 4.17 0.00	54.28 4.45 0.00	42.04 3.63 0.00	91.50 7.82 0.00	316.91 26.73 0.00	403.29 31.70 -26.12	118.12 1.74 -95.81	108.89 2.00 -82.36	64.47 2.34 -33.66	62.07 2.01 -35.65	46.32 2.70 -10.33
INDIAN POINT___3 23531	21.41 1.35 0.00	21.45 1.29 0.00	22.33 1.33 0.00	22.11 1.21 0.00	22.09 1.12 0.00	23.89 1.24 0.00	26.62 1.48 0.00	28.99 1.80 0.00	33.60 2.18 0.00	34.40 2.44 0.00	40.27 3.18 0.00	44.09 3.29 0.00	50.76 3.64 0.00	51.97 4.13 0.00	54.22 4.39 0.00	42.00 3.59 0.00	91.43 7.75 0.00	316.66 26.47 0.00	400.73 31.27 -23.99	111.49 1.72 -89.20	107.35 1.98 -80.84	63.37 2.32 -32.57	58.77 2.01 -32.34	48.26 2.68 -12.29
INGHAM_C_115KV_TB7 356103	20.66 0.60 0.00	20.73 0.57 0.00	20.60 0.51 0.92	19.05 0.47 2.32	18.91 0.46 2.51	21.48 0.52 1.69	25.50 0.58 0.22	27.89 0.71 0.00	32.15 0.73 0.00	32.56 0.88 0.27	38.00 0.91 0.00	41.49 0.72 0.03	47.67 0.55 0.00	49.14 1.29 0.00	51.46 1.63 0.00	40.47 1.57 -0.48	87.34 3.59 -0.07	304.59 14.15 -0.26	367.00 21.54 0.00	21.81 1.24 0.00	28.79 1.63 -2.62	30.08 1.61 0.00	25.74 1.33 0.00	34.98 1.69 0.00
IP CORINTH___1 23988	21.09 1.03 0.00	21.17 1.01 0.00	22.00 1.00 0.00	21.97 1.06 0.00	22.02 1.06 0.00	23.89 1.24 0.00	26.53 1.39 0.00	28.66 1.48 0.00	33.07 1.65 0.00	33.63 1.68 0.00	38.83 1.75 0.00	42.81 2.01 0.00	49.69 2.58 0.00	50.79 2.95 0.00	53.06 3.22 0.00	40.98 2.57 0.00	89.56 5.88 0.00	311.71 21.52 0.00	393.33 29.51 -18.34	41.14 1.72 -18.84	621.72 2.15 -595.03	245.32 2.28 -214.56	48.58 2.29 -21.88	38.67 2.85 -2.53

IP___TICONDEROGA 23804	22.00 1.94 0.00	22.19 2.03 0.00	23.07 2.06 0.00	23.20 2.30 0.00	23.27 2.31 0.00	25.45 2.80 0.00	28.16 3.02 0.00	30.08 2.90 0.00	34.65 3.23 0.00	35.09 3.14 0.00	40.58 3.49 0.00	44.99 4.19 0.00	52.69 5.58 0.00	54.13 6.29 0.00	56.42 6.58 0.00	43.60 5.19 0.00	94.59 10.92 0.00	332.20 42.01 0.00	414.27 50.53 -18.27	42.33 2.87 -18.89	618.19 3.34 -590.31	244.56 3.31 -212.77	49.08 2.86 -21.81	39.31 3.48 -2.54
ISLIP_RES_REC 323679	22.06 2.00 0.00	23.22 2.00 -1.06	23.10 2.10 0.00	22.88 1.98 0.00	22.85 1.89 0.00	24.69 2.04 0.00	27.57 2.43 0.00	29.88 2.69 0.00	34.43 3.01 0.00	34.97 3.02 0.00	68.52 5.03 -26.40	81.50 5.40 -35.30	66.68 5.98 -13.59	304.01 6.56 -249.60	164.00 6.83 -107.33	294.31 5.44 -250.45	302.93 11.49 -207.76	454.14 39.27 -124.68	464.83 45.20 -74.17	248.63 2.58 -225.48	165.40 2.96 -137.91	63.36 3.47 -31.42	58.55 2.91 -31.23	51.12 3.72 -14.11
JAMAICA__27_KV_LOAD 355505	21.92 1.86 0.00	21.88 1.72 0.00	22.78 1.78 0.00	22.51 1.61 0.00	22.47 1.51 0.00	24.34 1.70 0.00	27.12 1.98 0.00	29.64 2.45 0.00	34.43 3.01 0.00	35.24 3.29 0.00	41.34 4.12 -0.13	45.13 4.32 0.00	51.96 4.85 0.00	53.24 5.40 0.00	55.52 5.69 0.00	43.06 4.65 0.00	93.83 10.15 0.00	325.02 34.83 0.00	408.01 40.64 -21.91	105.37 2.21 -82.60	106.11 2.61 -78.96	62.94 3.09 -31.38	58.23 2.70 -31.12	50.95 3.61 -14.05
JANIS___SOLAR 323808	21.04 0.98 0.00	21.11 0.95 0.00	21.94 0.93 0.00	21.82 0.92 0.00	21.93 0.97 0.00	23.85 1.20 0.00	26.60 1.46 0.00	29.24 1.76 -0.30	34.04 2.00 -0.63	33.95 1.92 -0.07	39.38 2.08 -0.21	44.60 2.48 -1.32	51.94 2.83 -1.99	52.48 2.72 -1.93	53.24 2.61 -0.79	41.59 1.93 -1.25	89.68 4.31 -1.70	312.71 18.74 -3.78	374.34 26.41 -2.46	21.85 1.01 -0.27	52.72 1.29 -26.90	48.09 1.44 -18.17	27.22 1.14 -1.68	35.16 1.50 -0.37
JARVIS____ 23743	20.21 0.14 0.00	20.30 0.14 0.00	20.21 0.12 0.92	18.71 0.13 2.32	18.57 0.13 2.51	21.09 0.14 1.69	25.10 0.18 0.22	27.40 0.22 0.00	31.68 0.26 0.00	31.98 0.30 0.27	37.46 0.37 0.00	41.17 0.40 0.03	47.54 0.43 0.00	48.37 0.53 0.00	50.38 0.55 0.00	39.35 0.46 -0.48	84.76 1.01 -0.07	293.99 3.54 -0.26	349.97 4.50 0.00	20.82 0.25 0.00	27.43 0.27 -2.62	28.80 0.32 0.00	24.70 0.29 0.00	33.67 0.37 0.00
JENNISON___1 23625	21.14 1.08 0.00	21.21 1.05 0.00	22.06 1.06 0.00	21.93 1.03 0.00	22.02 1.05 0.00	23.86 1.21 0.00	26.60 1.46 0.00	29.17 1.78 -0.21	34.17 2.31 -0.44	34.36 2.36 -0.05	40.02 2.78 -0.15	44.86 3.13 -0.93	52.15 3.64 -1.40	52.72 3.53 -1.36	53.93 3.54 -0.56	41.86 2.57 -0.88	90.32 5.63 -1.01	312.44 21.17 -1.08	374.87 26.81 -2.60	22.60 0.88 -1.16	69.44 1.43 -43.47	47.80 1.73 -17.59	27.83 1.37 -2.05	35.01 1.46 -0.26
JENNISON___2 23626	21.14 1.08 0.00	21.21 1.05 0.00	22.06 1.06 0.00	21.93 1.03 0.00	22.02 1.05 0.00	23.86 1.21 0.00	26.60 1.46 0.00	29.17 1.78 -0.21	34.17 2.31 -0.44	34.36 2.36 -0.05	40.02 2.78 -0.15	44.86 3.13 -0.93	52.15 3.64 -1.40	52.72 3.53 -1.36	53.93 3.54 -0.56	41.86 2.57 -0.88	90.32 5.63 -1.01	312.44 21.17 -1.08	374.87 26.81 -2.60	22.60 0.88 -1.16	69.44 1.43 -43.47	47.80 1.73 -17.59	27.83 1.37 -2.05	35.01 1.46 -0.26
JERICHO_RISE_WT_PWR 323719	19.76 -0.30 0.00	19.92 -0.24 0.00	13.86 -0.32 6.82	3.35 -0.29 17.26	2.02 -0.24 18.70	9.63 -0.43 12.59	23.07 -0.39 1.68	26.91 -0.27 0.00	31.00 -0.42 0.00	28.91 -1.01 2.03	35.24 -1.85 0.00	37.65 -2.92 0.24	44.09 -3.02 0.01	44.78 -3.06 0.00	46.78 -3.06 0.00	26.44 -2.34 9.63	77.70 -4.52 1.45	270.00 -15.02 5.17	328.95 -16.52 0.00	19.76 -0.81 0.00	19.35 -0.92 4.26	27.23 -1.25 0.00	23.65 -0.76 0.00	32.63 -0.66 0.00
KATONAH___115KV_46KV_TB4 355592	21.59 1.53 0.00	21.61 1.45 0.00	22.49 1.48 0.00	22.27 1.37 0.00	22.26 1.30 0.00	24.09 1.44 0.00	26.85 1.70 0.00	29.23 2.05 0.00	33.89 2.47 0.00	34.70 2.75 0.00	40.66 3.57 0.00	44.58 3.77 0.00	51.38 4.27 0.00	52.64 4.80 0.00	55.00 5.16 0.00	42.60 4.19 0.00	92.57 8.89 0.00	320.43 30.24 0.00	399.65 35.62 -18.56	94.30 1.97 -71.76	102.91 2.29 -76.08	60.65 2.65 -29.52	51.71 2.27 -25.03	47.14 3.01 -10.84
KCE_NY_1 323755	21.21 1.15 0.00	21.29 1.13 0.00	22.15 1.14 0.00	22.07 1.16 0.00	22.12 1.16 0.00	23.97 1.32 0.00	26.62 1.47 0.00	28.78 1.59 0.00	33.19 1.77 0.00	33.80 1.85 0.00	39.16 2.07 0.00	43.08 2.28 0.00	49.94 2.83 0.00	50.98 3.14 0.00	53.20 3.37 0.00	41.12 2.71 0.00	89.92 6.24 0.00	312.17 21.98 0.00	391.79 28.15 -18.17	41.19 1.65 -18.97	610.24 2.06 -583.65	241.01 2.28 -210.26	48.07 1.96 -21.70	38.42 2.56 -2.57
KCE_NY_6_ESR 323823	19.25 -0.82 0.00	19.57 -0.59 0.00	20.37 -0.63 0.00	20.30 -0.60 0.00	20.45 -0.52 0.00	22.40 -0.25 0.00	24.90 -0.25 0.00	27.41 0.22 0.00	32.22 0.80 0.00	32.86 0.91 0.00	38.17 1.08 0.00	42.60 1.80 0.00	49.27 2.15 0.00	48.91 1.07 0.00	50.56 0.73 0.00	37.49 -0.92 0.00	79.29 -3.13 1.26	269.10 -10.01 11.08	331.21 -14.77 -0.51	19.69 -0.94 -0.06	24.78 -0.62 -0.87	24.39 -0.91 3.18	23.92 -0.97 -0.48	32.23 -1.06 0.00
KEDC_PORT_JEFF_GT2 24210	21.83 1.77 0.00	22.99 1.78 -1.06	22.88 1.87 0.00	22.66 1.75 0.00	22.63 1.67 0.00	24.44 1.79 0.00	27.28 2.13 0.00	29.52 2.34 0.00	33.97 2.56 0.00	34.38 2.43 0.00	72.24 4.51 -30.65	86.86 4.75 -41.31	68.54 4.99 -16.43	352.38 5.44 -299.10	183.58 5.75 -128.00	336.70 4.67 -293.63	336.21 10.00 -242.53	468.14 34.08 -143.87	467.97 38.88 -83.62	279.78 2.15 -257.05	178.05 2.39 -151.13	62.77 2.88 -31.42	58.13 2.50 -31.23	50.67 3.27 -14.11
KEDC_PORT_JEFF_GT3 24211	21.83 1.77 0.00	22.99 1.78 -1.06	22.88 1.87 0.00	22.66 1.75 0.00	22.63 1.67 0.00	24.44 1.79 0.00	27.28 2.13 0.00	29.52 2.34 0.00	33.97 2.56 0.00	34.38 2.43 0.00	72.24 4.51 -30.65	86.86 4.75 -41.31	68.54 4.99 -16.43	352.38 5.44 -299.10	183.58 5.75 -128.00	336.70 4.67 -293.63	336.21 10.00 -242.53	468.14 34.08 -143.87	467.97 38.88 -83.62	279.78 2.15 -257.05	178.05 2.39 -151.13	62.77 2.88 -31.42	58.13 2.50 -31.23	50.67 3.27 -14.11
KEDC_GLWD_GT4 24219	21.91 1.85 0.00	23.05 1.84 -1.06	22.91 1.90 0.00	22.69 1.79 0.00	22.67 1.71 0.00	24.50 1.85 0.00	27.29 2.14 0.00	29.59 2.41 0.00	34.21 2.79 0.00	34.70 2.75 0.00	43.66 4.38 -2.19	52.78 4.51 -7.47	52.82 4.81 -0.89	62.25 5.38 -9.03	70.91 5.85 -15.22	201.52 4.77 -158.33	254.95 10.24 -161.03	442.13 34.82 -117.12	465.73 40.70 -79.56	120.11 2.23 -97.30	106.07 2.51 -79.03	62.84 2.95 -31.42	58.15 2.51 -31.23	50.63 3.23 -14.11
KEDC_GLWD_GT5 24220	21.91 1.85 0.00	23.05 1.84 -1.06	22.91 1.90 0.00	22.69 1.79 0.00	22.67 1.71 0.00	24.50 1.85 0.00	27.29 2.14 0.00	29.59 2.41 0.00	34.21 2.79 0.00	34.70 2.75 0.00	43.66 4.38 -2.19	52.78 4.51 -7.47	52.82 4.81 -0.89	62.25 5.38 -9.03	70.91 5.85 -15.22	201.52 4.77 -158.33	254.95 10.24 -161.03	442.13 34.82 -117.12	465.73 40.70 -79.56	120.11 2.23 -97.30	106.07 2.51 -79.03	62.84 2.95 -31.42	58.15 2.51 -31.23	50.63 3.23 -14.11

KENSICO____ 23655	21.53 1.46 0.00	21.56 1.40 0.00	22.44 1.44 0.00	22.23 1.32 0.00	22.19 1.23 0.00	24.00 1.36 0.00	26.76 1.61 0.00	29.14 1.96 0.00	33.78 2.36 0.00	34.59 2.63 0.00	40.49 3.41 0.00	44.33 3.52 0.00	51.01 3.90 0.00	52.23 4.39 0.00	54.52 4.68 0.00	42.24 3.83 0.00	91.95 8.27 0.00	318.39 28.20 0.00	401.05 33.16 -22.42	106.64 1.82 -84.25	106.10 2.10 -79.47	62.63 2.47 -31.68	58.47 2.14 -31.92	50.73 2.87 -14.57
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	21.56 1.49 0.00	21.56 1.40 0.00	22.41 1.40 0.00	22.18 1.28 0.00	22.17 1.21 0.00	23.98 1.33 0.00	26.73 1.59 0.00	29.14 1.96 0.00	33.79 2.37 0.00	34.55 2.60 0.00	40.54 3.45 0.00	44.58 3.78 0.00	51.22 4.11 0.00	52.33 4.49 0.00	54.61 4.78 0.00	42.14 3.73 0.00	91.87 8.20 0.00	318.89 28.71 0.00	387.31 35.14 -6.70	49.29 2.00 -26.72	99.63 2.31 -72.79	57.54 2.73 -26.33	27.84 2.21 -1.22	35.64 2.80 0.46
KIAC_JFK_GT1 23816	21.69 1.63 0.00	21.67 1.50 0.00	22.57 1.57 0.00	22.31 1.40 0.00	22.27 1.31 0.00	24.10 1.45 0.00	26.85 1.70 0.00	29.33 2.15 0.00	34.06 2.64 0.00	34.88 2.93 0.00	40.89 3.68 -0.13	44.62 3.82 0.00	51.38 4.27 0.00	52.67 4.83 0.00	54.92 5.08 0.00	42.60 4.19 0.00	92.83 9.15 0.00	321.43 31.25 0.00	403.64 36.27 -21.91	105.12 1.95 -82.60	105.81 2.31 -78.96	62.59 2.74 -31.38	57.93 2.39 -31.12	50.57 3.23 -14.05
KIAC_JFK_GT2 23817	21.69 1.63 0.00	21.67 1.50 0.00	22.57 1.57 0.00	22.31 1.40 0.00	22.27 1.31 0.00	24.10 1.45 0.00	26.85 1.70 0.00	29.33 2.15 0.00	34.06 2.64 0.00	34.88 2.93 0.00	40.89 3.68 -0.13	44.62 3.82 0.00	51.38 4.27 0.00	52.67 4.83 0.00	54.92 5.08 0.00	42.60 4.19 0.00	92.83 9.15 0.00	321.43 31.25 0.00	403.64 36.27 -21.91	105.12 1.95 -82.60	105.81 2.31 -78.96	62.59 2.74 -31.38	57.93 2.39 -31.12	50.57 3.23 -14.05
KIAC_JFK____ 323774	21.69 1.63 0.00	21.67 1.50 0.00	22.57 1.56 0.00	22.30 1.40 0.00	22.27 1.31 0.00	24.10 1.45 0.00	26.85 1.70 0.00	29.33 2.15 0.00	34.06 2.64 0.00	34.88 2.93 0.00	40.90 3.68 -0.13	44.62 3.82 0.00	51.39 4.27 0.00	52.66 4.83 0.00	54.93 5.09 0.00	42.60 4.19 0.00	92.83 9.15 0.00	321.38 31.19 0.00	403.64 36.26 -21.91	105.11 1.94 -82.60	105.80 2.31 -78.96	62.59 2.74 -31.38	57.92 2.39 -31.12	50.57 3.23 -14.05
KINTIGH____ 23543	19.10 -0.96 0.00	19.40 -0.76 0.00	20.21 -0.79 0.00	20.14 -0.77 0.00	20.25 -0.71 0.00	22.13 -0.52 0.00	24.56 -0.58 0.00	26.94 -0.24 0.00	31.62 0.20 0.00	32.20 0.25 0.00	37.39 0.30 0.00	41.62 0.82 0.00	48.08 0.97 0.00	47.83 -0.01 0.00	49.52 -0.32 0.00	36.84 -1.47 0.10	78.69 -3.82 1.17	271.70 -12.94 5.55	327.82 -17.65 0.00	19.47 -1.10 0.00	23.57 -0.96 0.00	25.20 -1.08 2.19	23.20 -1.13 0.08	31.91 -1.38 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	20.20 0.14 0.00	20.35 0.18 0.00	16.86 0.09 4.23	10.32 0.12 10.71	9.54 0.18 11.60	14.87 0.03 7.81	24.28 0.18 1.04	27.64 0.46 0.00	31.75 0.33 0.00	30.14 -0.55 1.26	35.55 -1.53 0.00	37.43 -3.23 0.15	44.28 -2.84 0.00	45.08 -2.76 0.00	47.07 -2.77 0.00	26.42 -2.21 9.78	77.71 -4.49 1.47	270.93 -14.01 5.25	330.77 -14.69 0.00	19.84 -0.73 0.00	20.10 -0.81 3.62	27.47 -1.01 0.00	23.91 -0.50 0.00	33.21 -0.08 0.00
LACHUTE__HYDRO 323717	22.00 1.94 0.00	22.19 2.03 0.00	23.06 2.06 0.00	23.20 2.30 0.00	23.27 2.31 0.00	25.45 2.80 0.00	28.16 3.02 0.00	30.08 2.89 0.00	34.65 3.23 0.00	35.09 3.14 0.00	40.58 3.49 0.00	44.99 4.19 0.00	52.69 5.58 0.00	54.13 6.29 0.00	56.42 6.58 0.00	43.60 5.19 0.00	94.59 10.92 0.00	332.15 41.96 0.00	414.32 50.58 -18.27	42.33 2.87 -18.89	618.19 3.35 -590.31	244.55 3.30 -212.77	49.07 2.86 -21.81	39.31 3.48 -2.54
LAWRNCV_115KV_TB1 80681	19.20 -0.87 0.00	19.35 -0.81 0.00	-27.52 -0.88 47.64	-100.46 -0.87 120.49	-110.46 -0.86 130.55	-66.22 -0.99 87.88	12.32 -1.12 11.70	25.85 -1.32 0.01	29.78 -1.64 0.00	15.82 -1.94 14.19	34.66 -2.43 0.00	36.24 -2.89 1.67	43.78 -3.27 0.05	44.35 -3.49 0.00	46.28 -3.56 0.00	27.28 -2.97 8.15	76.25 -6.20 1.23	264.42 -21.39 4.38	321.95 -23.51 0.00	19.38 -1.20 0.00	12.36 -1.43 10.75	26.95 -1.53 0.00	23.11 -1.30 0.00	31.63 -1.67 0.00
LEDERLE____ 23769	21.53 1.46 0.00	21.57 1.41 0.00	22.44 1.44 0.00	22.23 1.32 0.00	22.19 1.24 0.00	24.01 1.36 0.00	26.77 1.63 0.00	29.18 2.00 0.00	33.87 2.45 0.00	34.73 2.78 0.00	40.65 3.57 0.00	44.56 3.76 0.00	51.32 4.21 0.00	52.52 4.69 0.00	54.83 4.99 0.00	42.46 4.05 0.00	92.46 8.79 0.00	320.15 29.96 0.00	415.61 35.67 -34.47	145.53 1.97 -123.00	118.36 2.25 -91.57	70.04 2.59 -38.97	13.39 2.21 13.23	32.26 2.94 3.97
LIGHTHSE_115KV_TB6 355974	19.72 -0.34 0.00	19.85 -0.31 0.00	15.92 -0.45 4.64	8.72 -0.46 11.72	7.83 -0.43 12.70	13.68 -0.42 8.55	23.66 -0.35 1.14	27.78 -0.25 -0.84	33.00 -0.20 -1.78	30.53 -0.24 1.18	37.60 -0.10 -0.61	44.39 0.03 -3.55	52.64 -0.09 -5.62	53.08 -0.20 -5.44	51.64 -0.43 -2.23	40.79 -0.44 -2.82	86.97 -0.67 -3.96	292.71 -1.42 -3.95	349.17 -0.14 -3.84	20.49 -0.08 0.00	15.89 -0.32 8.32	29.29 -0.24 -1.05	24.40 -0.21 -0.21	33.95 -0.38 -1.04
LINDEN COGEN____ 23786	21.63 1.57 0.00	21.64 1.47 0.00	22.53 1.53 0.00	22.29 1.38 0.00	22.23 1.28 0.00	24.05 1.40 0.00	26.82 1.68 0.00	29.25 2.07 0.00	33.96 2.54 0.00	34.81 2.86 0.00	40.83 3.62 -0.13	44.44 3.64 0.00	51.04 3.93 0.00	52.25 4.41 0.00	53.88 4.71 0.66	42.12 3.90 0.19	85.36 8.41 6.72	301.96 28.34 16.56	376.30 33.14 2.30	43.99 1.75 -21.67	86.66 2.07 -60.06	49.17 2.45 -18.25	44.61 2.15 -18.06	47.75 2.94 -11.52
LINDHRST_69_KV_BK1 356055	22.01 1.95 0.00	23.16 1.94 -1.06	23.04 2.04 0.00	22.83 1.93 0.00	22.80 1.83 0.00	24.64 1.99 0.00	27.47 2.33 0.00	29.74 2.56 0.00	34.31 2.89 0.00	34.93 2.98 0.00	46.37 4.53 -4.75	55.69 4.78 -10.10	54.56 5.39 -2.06	86.18 5.85 -32.49	79.88 6.33 -23.71	128.10 5.14 -84.55	171.32 11.11 -76.53	382.32 38.25 -53.88	430.11 44.58 -40.07	121.87 2.46 -98.84	111.77 2.78 -84.46	63.17 3.28 -31.42	58.43 2.79 -31.23	50.98 3.58 -14.11
LIPA_MISC_IPP 23656	21.88 1.82 0.00	23.02 1.81 -1.06	22.90 1.90 0.00	22.68 1.78 0.00	22.64 1.69 0.00	24.46 1.81 0.00	27.32 2.17 0.00	29.59 2.41 0.00	34.06 2.64 0.00	34.57 2.62 0.00	71.86 4.50 -30.27	82.42 4.79 -36.83	66.37 5.24 -14.01	322.93 5.87 -269.22	166.39 6.19 -110.37	299.06 4.95 -255.71	305.93 10.56 -211.68	453.22 36.38 -126.65	462.33 41.83 -75.04	252.87 2.32 -229.98	167.02 2.63 -139.85	63.01 3.11 -31.42	58.26 2.63 -31.23	50.72 3.32 -14.11
LISF__SOLAR 323691	21.94 1.88 0.00	23.09 1.87 -1.06	22.97 1.96 0.00	22.74 1.84 0.00	22.71 1.74 0.00	24.53 1.88 0.00	27.39 2.25 0.00	29.68 2.50 0.00	34.16 2.74 0.00	34.66 2.71 0.00	71.62 4.61 -29.92	82.83 4.93 -37.10	66.72 5.41 -14.19	324.00 6.07 -270.09	167.96 6.38 -111.74	302.27 5.08 -258.77	308.79 10.90 -214.21	455.86 37.59 -128.08	464.66 43.43 -75.76	255.08 2.41 -232.10	168.00 2.74 -140.73	63.14 3.25 -31.42	58.36 2.73 -31.23	50.85 3.44 -14.11

LITTLE FALLS___HYD 24013	20.66 0.60 0.00	20.73 0.57 0.00	20.60 0.51 0.92	19.05 0.47 2.32	18.91 0.46 2.51	21.48 0.52 1.69	25.50 0.58 0.22	27.89 0.71 0.00	32.15 0.73 0.00	32.56 0.88 0.27	38.00 0.91 0.00	41.49 0.72 0.03	47.67 0.55 0.00	49.14 1.29 0.00	51.46 1.63 0.00	40.47 1.57 -0.48	87.34 3.59 -0.07	304.59 14.15 -0.26	367.00 21.54 0.00	21.81 1.24 0.00	28.79 1.63 -2.62	30.08 1.61 0.00	25.74 1.33 0.00	34.98 1.69 0.00
LITTLRIV_115KV_TB1 356100	19.46 -0.60 0.00	19.61 -0.55 0.00	-25.11 -0.60 45.52	-94.81 -0.59 115.13	-104.37 -0.59 124.74	-61.98 -0.66 83.97	13.19 -0.77 11.18	26.26 -1.02 -0.10	30.26 -1.37 -0.22	16.67 -1.75 13.53	34.98 -2.18 -0.07	37.07 -2.60 1.14	44.88 -2.86 -0.63	45.40 -3.10 -0.66	46.95 -3.15 -0.27	28.12 -2.75 7.55	77.43 -5.54 0.71	267.23 -19.21 3.75	326.57 -19.36 -0.47	19.69 -0.88 0.00	12.02 -1.03 11.48	27.54 -1.06 -0.13	23.49 -0.94 -0.03	32.20 -1.22 -0.13
LI_NEWBRDGE___DRP 323616	21.66 1.59 0.00	22.81 1.60 -1.06	22.67 1.67 0.00	22.47 1.57 0.00	22.44 1.48 0.00	24.25 1.60 0.00	27.00 1.86 0.00	29.26 2.07 0.00	33.77 2.35 0.00	34.40 2.45 0.00	43.06 3.79 -2.19	52.23 3.96 -7.47	52.35 4.34 -0.89	61.74 4.87 -9.03	70.27 5.21 -15.22	85.01 4.24 -42.36	128.64 9.10 -35.86	348.12 30.93 -27.00	405.98 35.91 -24.60	105.35 1.96 -82.82	105.76 2.20 -79.03	62.52 2.63 -31.42	57.92 2.28 -31.23	50.38 2.98 -14.11
LOCKPORT_115KV_TB60_63_64 80432	18.87 -1.19 0.00	19.21 -0.95 0.00	20.00 -1.00 0.00	19.93 -0.98 0.00	20.08 -0.88 0.00	21.98 -0.67 0.00	24.41 -0.73 0.00	26.87 -0.31 0.00	31.61 0.19 0.00	32.17 0.22 0.00	37.30 0.21 0.00	41.57 0.77 0.00	48.08 0.97 0.00	47.61 -0.23 0.00	49.21 -0.62 0.00	37.67 -1.98 -1.25	84.43 -5.21 -5.96	266.91 -17.09 6.19	323.02 -22.89 -0.45	19.23 -1.39 -0.05	24.14 -1.15 -0.76	24.75 -1.29 2.43	23.43 -1.40 -0.43	31.56 -1.73 0.00
LOCKPORT___CC1 323769	18.78 -1.29 0.00	19.11 -1.05 0.00	19.91 -1.09 0.00	19.85 -1.06 0.00	19.98 -0.98 0.00	21.89 -0.77 0.00	24.30 -0.84 0.00	26.74 -0.44 0.00	31.45 0.04 0.00	32.01 0.06 0.00	37.12 0.03 0.00	41.38 0.57 0.00	47.85 0.73 0.00	47.37 -0.46 0.00	48.93 -0.91 0.00	31.49 -2.17 4.75	50.97 -5.62 27.08	256.67 -18.65 14.86	320.56 -25.35 -0.44	19.15 -1.47 -0.05	24.04 -1.26 -0.77	23.73 -1.49 3.26	23.33 -1.51 -0.43	31.42 -1.87 0.00
LOCKPORT___CC2 323770	18.78 -1.29 0.00	19.11 -1.05 0.00	19.91 -1.09 0.00	19.85 -1.06 0.00	19.98 -0.98 0.00	21.89 -0.77 0.00	24.30 -0.84 0.00	26.74 -0.44 0.00	31.45 0.04 0.00	32.01 0.06 0.00	37.12 0.03 0.00	41.38 0.57 0.00	47.85 0.73 0.00	47.37 -0.46 0.00	48.93 -0.91 0.00	31.49 -2.17 4.75	50.97 -5.62 27.08	256.67 -18.65 14.86	320.56 -25.35 -0.44	19.15 -1.47 -0.05	24.04 -1.26 -0.77	23.73 -1.49 3.26	23.33 -1.51 -0.43	31.42 -1.87 0.00
LOCKPORT___CC3 323771	18.78 -1.29 0.00	19.11 -1.05 0.00	19.91 -1.09 0.00	19.85 -1.06 0.00	19.98 -0.98 0.00	21.89 -0.77 0.00	24.30 -0.84 0.00	26.74 -0.44 0.00	31.45 0.04 0.00	32.01 0.06 0.00	37.12 0.03 0.00	41.38 0.57 0.00	47.85 0.73 0.00	47.37 -0.46 0.00	48.93 -0.91 0.00	31.49 -2.17 4.75	50.97 -5.62 27.08	256.67 -18.65 14.86	320.56 -25.35 -0.44	19.15 -1.47 -0.05	24.04 -1.26 -0.77	23.73 -1.49 3.26	23.33 -1.51 -0.43	31.42 -1.87 0.00
LONG_LAKE_PHOENIX 24014	19.83 -0.24 0.00	19.91 -0.25 0.00	19.25 -0.30 1.46	16.92 -0.31 3.68	16.68 -0.29 3.99	19.70 -0.27 2.69	24.51 -0.27 0.36	28.17 -0.20 -1.18	33.75 -0.17 -2.50	31.46 -0.34 0.15	37.84 -0.11 -0.85	46.05 0.08 -5.17	55.13 0.11 -7.91	55.50 0.02 -7.65	52.87 -0.10 -3.14	43.31 -0.06 -4.96	89.25 -0.14 -5.71	296.45 0.18 -6.09	350.70 -0.17 -5.40	20.46 -0.11 0.00	23.16 -0.15 1.22	29.73 -0.23 -1.48	24.43 -0.27 -0.29	34.33 -0.43 -1.46
LOVETT___3 23632	21.38 1.31 0.00	21.43 1.27 0.00	22.30 1.30 0.00	22.08 1.18 0.00	22.06 1.09 0.00	23.85 1.20 0.00	26.58 1.44 0.00	28.95 1.77 0.00	33.56 2.14 0.00	34.40 2.44 0.00	40.25 3.16 0.00	44.09 3.28 0.00	50.75 3.63 0.00	51.95 4.10 0.00	54.21 4.38 0.00	41.99 3.58 0.00	91.41 7.73 0.00	316.54 26.35 0.00	408.13 31.34 -31.32	134.99 1.72 -112.70	114.49 1.97 -87.99	67.71 2.30 -36.93	11.52 1.97 14.86	30.90 2.63 5.02
LOVETT___4 23642	21.38 1.31 0.00	21.43 1.27 0.00	22.30 1.30 0.00	22.08 1.18 0.00	22.06 1.09 0.00	23.85 1.20 0.00	26.58 1.44 0.00	28.95 1.77 0.00	33.56 2.14 0.00	34.40 2.44 0.00	40.25 3.16 0.00	44.09 3.28 0.00	50.75 3.63 0.00	51.95 4.10 0.00	54.21 4.38 0.00	41.99 3.58 0.00	91.41 7.73 0.00	316.54 26.35 0.00	408.13 31.34 -31.32	134.99 1.72 -112.70	114.49 1.97 -87.99	67.71 2.30 -36.93	11.52 1.97 14.86	30.90 2.63 5.02
LOVETT___5 23593	21.38 1.31 0.00	21.43 1.27 0.00	22.30 1.30 0.00	22.08 1.18 0.00	22.06 1.09 0.00	23.85 1.20 0.00	26.58 1.44 0.00	28.95 1.77 0.00	33.56 2.14 0.00	34.40 2.44 0.00	40.25 3.16 0.00	44.09 3.28 0.00	50.75 3.63 0.00	51.95 4.10 0.00	54.21 4.38 0.00	41.99 3.58 0.00	91.41 7.73 0.00	316.54 26.35 0.00	408.13 31.34 -31.32	134.99 1.72 -112.70	114.49 1.97 -87.99	67.71 2.30 -36.93	11.52 1.97 14.86	30.90 2.63 5.02
LOWER RAQUET___HYD 24057	19.10 -0.96 0.00	19.25 -0.91 0.00	-23.51 -0.99 43.53	-90.15 -0.98 110.08	-99.28 -0.98 119.27	-58.74 -1.10 80.28	13.22 -1.24 10.69	25.85 -1.44 -0.10	29.88 -1.77 -0.23	16.93 -2.08 12.94	34.58 -2.59 -0.08	36.67 -3.09 1.04	44.28 -3.51 -0.68	44.82 -3.73 -0.71	46.33 -3.80 -0.29	27.89 -3.17 7.35	76.48 -6.54 0.65	264.06 -22.50 3.63	321.50 -24.46 -0.50	19.32 -1.25 0.00	10.80 -1.52 12.22	26.99 -1.62 -0.14	23.06 -1.37 -0.03	31.65 -1.78 -0.13
LOWER___HUDSON 24059	20.95 0.89 0.00	21.05 0.89 0.00	21.90 0.90 0.00	21.83 0.93 0.00	21.88 0.91 0.00	23.66 1.01 0.00	26.24 1.10 0.00	28.37 1.19 0.00	32.66 1.24 0.00	33.21 1.26 0.00	38.57 1.48 0.00	42.40 1.59 0.00	49.08 1.97 0.00	50.23 2.39 0.00	52.44 2.60 0.00	40.49 2.07 0.00	88.34 4.67 0.00	306.38 16.20 0.00	382.28 19.98 -16.83	41.32 1.17 -19.59	526.11 1.47 -500.11	208.84 1.66 -178.71	46.03 1.42 -20.20	37.99 1.88 -2.81
LOWVILLE_115KV_TB2 356335	19.79 -0.28 0.00	19.99 -0.17 0.00	8.17 -0.43 12.40	-10.94 -0.48 31.36	-13.48 -0.46 33.98	-0.55 -0.33 22.87	21.97 -0.13 3.05	27.52 0.08 -0.25	32.12 0.17 -0.53	28.42 0.10 3.63	37.49 0.22 -0.18	41.52 0.04 -0.68	48.49 -0.29 -1.67	49.22 -0.25 -1.63	50.15 -0.36 -0.67	37.21 -0.34 0.86	84.61 0.00 -0.93	291.51 1.06 -0.27	352.80 6.18 -1.15	20.91 0.34 0.00	74.68 -0.13 -50.28	29.02 0.22 -0.31	24.75 0.28 -0.06	33.98 0.38 -0.31
LUTHERFT_115KV_GLOB_FND_222 355753	21.20 1.14 0.00	21.28 1.12 0.00	22.13 1.13 0.00	22.06 1.15 0.00	22.12 1.15 0.00	23.95 1.30 0.00	26.59 1.45 0.00	28.76 1.58 0.00	33.17 1.75 0.00	33.76 1.81 0.00	39.14 2.05 0.00	43.04 2.24 0.00	49.83 2.72 0.00	50.90 3.06 0.00	53.17 3.33 0.00	41.06 2.65 0.00	89.76 6.09 0.00	311.71 21.52 0.00	391.19 27.55 -18.17	41.16 1.62 -18.97	610.19 2.01 -583.65	240.97 2.24 -210.26	48.04 1.93 -21.70	38.38 2.51 -2.57

LUTHERNY_35_KV_BK2 355980	21.21 1.15 0.00	21.29 1.13 0.00	22.15 1.14 0.00	22.07 1.16 0.00	22.12 1.16 0.00	23.97 1.32 0.00	26.62 1.47 0.00	28.78 1.59 0.00	33.19 1.78 0.00	33.80 1.85 0.00	39.16 2.08 0.00	43.08 2.28 0.00	49.94 2.83 0.00	50.98 3.14 0.00	53.21 3.37 0.00	41.12 2.71 0.00	89.92 6.24 0.00	312.16 21.97 0.00	391.73 28.09 -18.17	41.19 1.65 -18.97	610.24 2.06 -583.65	241.01 2.28 -210.26	48.07 1.96 -21.70	38.42 2.56 -2.57
LWR___OSWEGATCHIE_HYD 23850	19.23 -0.84 0.00	19.40 -0.76 0.00	-9.50 -0.97 29.53	-54.78 -0.99 74.69	-60.95 -0.98 80.93	-32.82 -0.99 54.48	16.95 -0.94 7.25	26.49 -0.91 -0.21	30.89 -0.99 -0.46	22.09 -1.11 8.75	36.05 -1.19 -0.16	39.21 -1.52 0.08	46.49 -2.04 -1.42	47.12 -2.12 -1.40	48.17 -2.24 -0.57	32.30 -1.84 4.27	80.47 -3.47 -0.27	277.23 -11.29 1.67	337.16 -9.29 -0.99	20.06 -0.51 0.00	-0.15 -0.97 23.71	27.87 -0.88 -0.27	23.78 -0.69 -0.05	32.68 -0.87 -0.27
LYONS_FALL_HYD 23570	20.12 0.05 0.00	20.27 0.10 0.00	12.73 -0.06 8.21	0.05 -0.09 20.77	-1.62 -0.08 22.50	7.54 0.04 15.15	23.34 0.21 2.02	27.79 0.43 -0.18	32.35 0.54 -0.39	30.09 0.54 2.40	37.86 0.64 -0.13	41.93 0.60 -0.52	48.79 0.46 -1.22	49.59 0.56 -1.19	50.83 0.51 -0.49	38.47 0.36 0.31	85.67 1.27 -0.73	295.96 5.40 -0.37	356.38 10.07 -0.84	21.11 0.53 0.00	24.91 0.29 -0.09	29.24 0.54 -0.23	24.98 0.52 -0.05	34.20 0.68 -0.23
MADISON___COUNTY_LFGE 323628	20.67 0.60 0.00	20.73 0.57 0.00	19.06 0.53 2.47	15.18 0.52 6.24	14.73 0.53 6.76	18.77 0.67 4.55	25.38 0.84 0.61	28.46 1.09 -0.19	33.14 1.31 -0.41	32.56 1.29 0.69	38.50 1.27 -0.14	42.98 1.41 -0.77	49.98 1.58 -1.29	50.76 1.67 -1.25	52.09 1.74 -0.51	40.57 1.35 -0.81	87.78 3.17 -0.93	303.21 12.03 -1.00	363.04 16.69 -0.88	21.37 0.80 0.00	30.80 0.85 -5.42	29.70 0.98 -0.24	25.41 0.96 -0.05	34.77 1.24 -0.24
MALONE___115KV_TB1 356076	19.80 -0.26 0.00	19.95 -0.21 0.00	4.68 -0.29 16.04	-19.94 -0.27 40.57	-23.22 -0.23 43.96	-7.32 -0.39 29.59	20.85 -0.35 3.94	26.94 -0.24 0.00	31.06 -0.35 0.00	26.32 -0.86 4.78	35.50 -1.59 0.00	37.75 -2.49 0.56	44.54 -2.56 0.02	45.18 -2.66 0.00	47.25 -2.59 0.00	27.08 -2.15 9.17	78.18 -4.12 1.38	271.70 -13.57 4.93	331.06 -14.40 0.00	19.95 -0.62 0.00	17.57 -0.69 6.27	27.55 -0.92 0.00	23.81 -0.60 0.00	32.74 -0.56 0.00
MAPLEWOD_115KV_TB3 80458	20.87 0.81 0.00	20.96 0.80 0.00	21.81 0.81 0.00	21.72 0.82 0.00	21.77 0.81 0.00	23.52 0.87 0.00	26.11 0.97 0.00	28.26 1.08 0.00	32.57 1.15 0.00	33.16 1.20 0.00	38.56 1.47 0.00	42.32 1.52 0.00	48.95 1.83 0.00	50.07 2.23 0.00	52.28 2.45 0.00	40.43 2.02 0.00	88.15 4.48 0.00	305.58 15.39 0.00	379.15 18.86 -14.82	40.36 1.10 -18.69	427.47 1.36 -401.57	172.58 1.55 -142.55	43.51 1.30 -17.80	37.78 1.72 -2.77
MAPLE_RIDGE_WT_1 323574	19.78 -0.28 0.00	19.87 -0.29 0.00	21.81 -0.31 -1.12	23.48 -0.26 -2.84	23.79 -0.24 -3.08	24.46 -0.26 -2.07	25.17 -0.25 -0.28	26.91 -0.27 0.00	31.07 -0.35 0.00	31.90 -0.38 -0.33	36.59 -0.49 0.00	40.13 -0.71 -0.04	46.28 -0.84 0.00	46.99 -0.85 0.00	48.92 -0.92 0.00	42.09 -0.68 -4.37	83.07 -1.26 -0.66	287.98 -4.56 -2.34	340.41 -5.06 0.00	20.26 -0.31 0.00	23.95 -0.58 0.00	27.93 -0.55 0.00	24.15 -0.26 0.00	33.04 -0.26 0.00
MAPLE_RIDGE_WT_2 323611	19.78 -0.28 0.00	19.87 -0.29 0.00	21.81 -0.31 -1.12	23.48 -0.26 -2.84	23.79 -0.24 -3.08	24.46 -0.26 -2.07	25.17 -0.25 -0.28	26.91 -0.27 0.00	31.07 -0.35 0.00	31.90 -0.38 -0.33	36.59 -0.49 0.00	40.13 -0.71 -0.04	46.28 -0.84 0.00	46.99 -0.85 0.00	48.92 -0.92 0.00	42.09 -0.68 -4.37	83.07 -1.26 -0.66	287.98 -4.56 -2.34	340.41 -5.06 0.00	20.26 -0.31 0.00	23.95 -0.58 0.00	27.93 -0.55 0.00	24.15 -0.26 0.00	33.04 -0.26 0.00
MARBLE_RIVER_WT_PWR 323696	19.86 -0.20 0.00	20.01 -0.14 0.00	17.87 -0.23 2.90	13.37 -0.21 7.32	12.87 -0.16 7.93	16.97 -0.34 5.34	24.17 -0.26 0.71	27.09 -0.09 0.00	31.17 -0.25 0.00	30.18 -0.91 0.86	35.29 -1.79 0.00	37.62 -3.08 0.10	44.08 -3.04 0.00	44.80 -3.04 0.00	46.81 -3.03 0.00	26.25 -2.33 9.83	77.74 -4.45 1.48	270.26 -14.65 5.28	329.46 -16.01 0.00	19.77 -0.80 0.00	20.21 -0.92 3.40	27.22 -1.25 0.00	23.69 -0.72 0.00	32.77 -0.52 0.00
MARSHVLE_115KV_TB1 80742	21.41 1.34 0.00	21.47 1.31 0.00	22.32 1.32 0.00	22.21 1.30 0.00	22.28 1.31 0.00	24.18 1.52 0.00	26.77 1.63 0.00	29.12 1.94 0.00	33.70 2.28 0.00	34.20 2.25 0.00	39.47 2.39 0.00	43.40 2.60 0.00	49.67 2.55 0.00	50.24 2.40 0.00	52.44 2.61 0.00	40.44 2.03 0.00	88.35 4.67 0.00	307.41 17.22 0.00	382.94 25.01 -12.46	26.51 1.73 -4.22	545.73 1.96 -519.24	217.70 2.25 -186.97	43.53 1.81 -17.31	36.63 2.36 -0.98
MARSH_HILL_WT_PWR 323713	19.18 -0.88 0.00	19.42 -0.74 0.00	20.23 -0.77 0.00	20.33 -0.57 0.00	20.55 -0.42 0.00	22.76 0.11 0.00	25.24 0.10 0.00	27.73 0.41 -0.14	33.09 1.33 -0.34	33.33 1.34 -0.04	38.62 1.43 -0.10	43.37 1.97 -0.60	50.28 2.26 -0.91	50.34 1.63 -0.88	51.51 1.32 -0.36	38.32 -0.54 -0.46	85.67 -2.27 -4.26	317.51 -10.42 -37.75	337.70 -9.04 -1.27	19.68 -0.97 -0.07	24.28 -1.43 -1.17	19.13 -1.90 7.45	23.16 -1.75 -0.51	31.46 -2.00 -0.17
MCINTYRE_115KV_TB2 80467	19.74 -0.32 0.00	19.88 -0.28 0.00	-28.01 -0.29 48.73	-102.61 -0.27 123.24	-112.85 -0.28 133.53	-67.55 -0.32 89.88	12.75 -0.43 11.97	26.46 -0.72 0.01	30.30 -1.12 0.00	15.90 -1.54 14.51	35.13 -1.95 0.00	36.83 -2.27 1.71	44.59 -2.47 0.06	45.11 -2.73 0.00	47.03 -2.80 0.00	27.69 -2.48 8.25	77.54 -4.89 1.24	268.34 -17.42 4.43	328.73 -16.73 0.00	19.90 -0.67 0.00	13.47 -0.71 10.35	27.77 -0.70 0.00	23.75 -0.66 0.00	32.43 -0.86 0.00
MECO_____69_KV_BK1 80468	22.53 2.47 0.00	22.57 2.41 0.00	23.45 2.44 0.00	23.30 2.40 0.00	23.39 2.43 0.00	25.42 2.77 0.00	27.89 2.75 0.00	30.49 3.30 0.00	34.20 2.78 0.00	35.15 3.20 0.00	40.05 2.96 0.00	42.69 1.89 0.00	48.08 0.97 0.00	48.90 1.06 0.00	51.70 1.86 0.00	40.27 1.86 0.00	91.01 7.33 0.00	314.26 24.07 0.00	411.64 52.99 -13.18	28.66 3.61 -4.47	580.51 4.17 -551.81	231.54 4.33 -198.74	46.38 3.49 -18.47	38.96 4.57 -1.10
MENANDS___115KV_TB5 355628	20.72 0.66 0.00	20.82 0.66 0.00	21.67 0.67 0.00	21.58 0.68 0.00	21.63 0.67 0.00	23.36 0.71 0.00	25.93 0.78 0.00	28.05 0.86 0.00	32.30 0.89 0.00	32.87 0.91 0.00	38.23 1.14 0.00	41.96 1.16 0.00	48.55 1.44 0.00	49.65 1.81 0.00	51.82 1.99 0.00	40.06 1.65 0.00	87.27 3.59 0.00	302.49 12.30 0.00	374.84 14.84 -14.53	40.07 0.86 -18.64	410.04 1.07 -384.44	166.51 1.23 -136.80	42.91 1.05 -17.45	37.47 1.40 -2.78
MG INDUSTRY___DRP 24185	20.61 0.54 0.00	20.72 0.56 0.00	21.57 0.58 0.00	21.49 0.58 0.00	21.56 0.59 0.00	23.30 0.65 0.00	25.85 0.71 0.00	27.88 0.69 0.00	32.11 0.69 0.00	32.62 0.67 0.00	37.85 0.77 0.00	40.90 0.09 0.00	47.10 -0.01 0.00	47.97 0.13 0.00	49.99 0.15 0.00	38.61 0.20 0.00	84.32 0.64 0.00	292.48 2.29 0.00	359.90 2.90 -11.53	37.76 0.24 -16.95	249.53 0.36 -224.64	113.97 0.46 -85.03	38.34 0.55 -13.37	36.92 1.15 -2.47

MID___OSWEGATCHIE_HYD 23849	19.23 -0.84 0.00	19.40 -0.76 0.00	-9.50 -0.97 29.53	-54.78 -0.99 74.69	-60.95 -0.98 80.93	-32.82 -0.99 54.48	16.95 -0.94 7.25	26.49 -0.91 -0.21	30.89 -0.99 -0.46	22.09 -1.11 8.75	36.05 -1.19 -0.16	39.21 -1.52 0.08	46.49 -2.04 -1.42	47.12 -2.12 -1.40	48.17 -2.24 -0.57	32.30 -1.84 4.27	80.47 -3.47 -0.27	277.23 -11.29 1.67	337.16 -9.29 -0.99	20.06 -0.51 0.00	-0.15 -0.97 23.71	27.87 -0.88 -0.27	23.78 -0.69 -0.05	32.68 -0.87 -0.27
MID___RAQUETTE_HYD 23851	19.10 -0.96 0.00	19.25 -0.91 0.00	-23.51 -0.99 43.53	-90.15 -0.98 110.08	-99.28 -0.98 119.27	-58.74 -1.10 80.28	13.22 -1.24 10.69	25.85 -1.44 -0.10	29.88 -1.77 -0.23	16.93 -2.08 12.94	34.58 -2.59 -0.08	36.67 -3.09 1.04	44.28 -3.51 -0.68	44.82 -3.73 -0.71	46.33 -3.80 -0.29	27.90 -3.16 7.35	76.49 -6.54 0.65	264.02 -22.54 3.63	321.46 -24.51 -0.50	19.32 -1.25 0.00	10.80 -1.51 12.22	26.99 -1.62 -0.14	23.06 -1.38 -0.03	31.65 -1.78 -0.13
MILLIKEN___1 23584	20.50 0.44 0.00	20.59 0.43 0.00	21.42 0.42 0.00	21.33 0.42 0.00	21.40 0.44 0.00	23.24 0.59 0.00	25.86 0.72 0.00	28.56 0.97 -0.40	33.49 1.23 -0.85	33.28 1.23 -0.09	38.80 1.43 -0.29	44.36 1.78 -1.77	51.88 2.09 -2.69	52.45 2.01 -2.60	52.84 1.94 -1.07	41.42 1.33 -1.69	88.89 2.98 -2.23	307.01 12.25 -4.58	362.86 14.87 -2.52	21.32 0.59 -0.16	40.07 0.73 -14.81	44.75 0.74 -15.53	26.27 0.59 -1.27	34.58 0.79 -0.50
MILLIKEN___2 23585	20.50 0.44 0.00	20.59 0.43 0.00	21.42 0.42 0.00	21.33 0.42 0.00	21.40 0.44 0.00	23.24 0.59 0.00	25.86 0.72 0.00	28.56 0.97 -0.40	33.49 1.23 -0.85	33.28 1.23 -0.09	38.80 1.43 -0.29	44.36 1.78 -1.77	51.88 2.09 -2.69	52.45 2.01 -2.60	52.84 1.94 -1.07	41.42 1.33 -1.69	88.89 2.98 -2.23	307.01 12.25 -4.58	362.86 14.87 -2.52	21.32 0.59 -0.16	40.07 0.73 -14.81	44.75 0.74 -15.53	26.27 0.59 -1.27	34.58 0.79 -0.50
MILLIKEN___DIESEL 23629	20.50 0.44 0.00	20.59 0.43 0.00	21.42 0.42 0.00	21.33 0.42 0.00	21.40 0.44 0.00	23.24 0.59 0.00	25.86 0.72 0.00	28.56 0.97 -0.40	33.49 1.23 -0.85	33.28 1.23 -0.09	38.80 1.43 -0.29	44.36 1.78 -1.77	51.88 2.09 -2.69	52.45 2.01 -2.60	52.84 1.94 -1.07	41.42 1.33 -1.69	88.89 2.98 -2.23	307.01 12.25 -4.58	362.86 14.87 -2.52	21.32 0.59 -0.16	40.07 0.73 -14.81	44.75 0.74 -15.53	26.27 0.59 -1.27	34.58 0.79 -0.50
MILLSEAT___LFGE 323607	19.43 -0.63 0.00	19.73 -0.43 0.00	20.54 -0.47 0.00	20.47 -0.44 0.00	20.61 -0.36 0.00	22.56 -0.09 0.00	25.08 -0.06 0.00	27.63 0.45 0.00	32.49 1.07 0.00	33.02 1.06 0.00	38.14 1.05 0.00	42.38 1.57 0.00	49.04 1.93 0.00	48.82 0.98 0.00	50.42 0.58 0.00	38.68 -0.76 -1.03	86.03 -2.60 -4.95	275.66 -9.42 5.11	330.24 -15.23 0.00	19.75 -0.82 0.00	24.00 -0.53 0.00	25.78 -0.42 2.28	23.70 -0.62 0.09	32.55 -0.74 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	21.47 1.41 0.00	21.51 1.35 0.00	22.38 1.38 0.00	22.17 1.26 0.00	22.14 1.18 0.00	23.96 1.31 0.00	26.70 1.55 0.00	29.07 1.88 0.00	33.69 2.28 0.00	34.49 2.54 0.00	40.38 3.29 0.00	44.21 3.40 0.00	50.89 3.78 0.00	52.10 4.26 0.00	54.39 4.55 0.00	42.14 3.72 0.00	91.69 8.01 0.00	317.53 27.34 0.00	400.94 32.24 -23.23	109.14 1.77 -86.80	106.78 2.05 -80.19	63.02 2.40 -32.14	62.44 2.08 -35.95	59.63 2.78 -23.55
MILLWOOD_13_KV_LOAD 356217	21.54 1.48 0.00	21.58 1.41 0.00	22.46 1.46 0.00	22.24 1.33 0.00	22.21 1.26 0.00	24.04 1.38 0.00	26.79 1.65 0.00	29.17 1.99 0.00	33.83 2.41 0.00	34.65 2.70 0.00	40.57 3.48 0.00	44.42 3.61 0.00	51.16 4.04 0.00	52.38 4.54 0.00	54.70 4.86 0.00	42.36 3.96 0.00	92.18 8.50 0.00	319.15 28.96 0.00	402.94 34.24 -23.23	109.25 1.88 -86.80	106.91 2.18 -80.19	63.16 2.54 -32.14	62.55 2.19 -35.95	59.78 2.93 -23.55
MODEL_CITY_ENERGY 24167	18.72 -1.34 0.00	19.06 -1.10 0.00	19.85 -1.15 0.00	19.79 -1.11 0.00	19.93 -1.03 0.00	21.82 -0.83 0.00	24.22 -0.93 0.00	26.65 -0.54 0.00	31.34 -0.08 0.00	31.90 -0.05 0.00	37.00 -0.09 0.00	41.24 0.44 0.00	47.70 0.58 0.00	47.22 -0.62 0.00	48.77 -1.06 0.00	36.82 -2.29 -0.70	80.72 -5.90 -2.94	263.41 -19.40 7.37	319.88 -26.04 -0.46	19.12 -1.50 -0.05	23.98 -1.33 -0.78	24.33 -1.56 2.59	23.25 -1.59 -0.44	31.30 -2.00 0.00
MODERN_LFGE___ 323580	18.72 -1.34 0.00	19.06 -1.10 0.00	19.85 -1.15 0.00	19.79 -1.11 0.00	19.93 -1.03 0.00	21.82 -0.83 0.00	24.22 -0.93 0.00	26.65 -0.54 0.00	31.34 -0.08 0.00	31.90 -0.05 0.00	37.00 -0.09 0.00	41.24 0.44 0.00	47.70 0.58 0.00	47.22 -0.62 0.00	48.77 -1.06 0.00	36.82 -2.29 -0.70	80.72 -5.90 -2.94	263.41 -19.40 7.37	319.88 -26.04 -0.46	19.12 -1.50 -0.05	23.98 -1.33 -0.78	24.33 -1.56 2.59	23.25 -1.59 -0.44	31.30 -2.00 0.00
MOHAWK_PAPER___DRP 24187	20.87 0.81 0.00	20.96 0.80 0.00	21.81 0.81 0.00	21.72 0.82 0.00	21.77 0.81 0.00	23.52 0.87 0.00	26.11 0.97 0.00	28.26 1.08 0.00	32.57 1.15 0.00	33.16 1.20 0.00	38.56 1.47 0.00	42.32 1.52 0.00	48.95 1.83 0.00	50.07 2.23 0.00	52.28 2.45 0.00	40.43 2.02 0.00	88.15 4.48 0.00	305.58 15.39 0.00	379.15 18.86 -14.82	40.36 1.10 -18.69	427.47 1.36 -401.57	172.58 1.55 -142.55	43.51 1.30 -17.80	37.78 1.72 -2.77
MOHICAN___35_KV_115KV_LD 80490	21.28 1.22 0.00	21.37 1.21 0.00	22.21 1.21 0.00	22.19 1.28 0.00	22.24 1.28 0.00	24.15 1.50 0.00	26.80 1.66 0.00	28.93 1.75 0.00	33.36 1.94 0.00	33.92 1.97 0.00	39.21 2.12 0.00	43.21 2.40 0.00	50.18 3.06 0.00	51.33 3.49 0.00	53.60 3.77 0.00	41.40 2.98 0.00	90.52 6.84 0.00	315.05 24.86 0.00	396.55 32.85 -18.23	41.41 1.91 -18.93	614.42 2.35 -587.54	242.69 2.49 -211.73	48.52 2.35 -21.76	38.82 2.97 -2.55
MONGAUP___HYD 23641	21.44 1.37 0.00	21.47 1.31 0.00	22.32 1.32 0.00	22.12 1.22 0.00	22.12 1.16 0.00	23.94 1.29 0.00	26.67 1.53 0.00	28.98 1.79 0.00	33.48 2.06 0.00	34.14 2.18 0.00	39.84 2.75 0.00	43.56 2.76 0.00	50.43 3.32 0.00	51.31 3.47 0.00	53.12 3.29 0.00	40.99 2.58 0.00	89.13 5.46 0.00	309.95 19.76 0.00	303.71 25.36 67.12	-192.25 1.70 214.52	-9.62 2.11 36.27	0.45 2.56 30.58	-11.25 2.07 37.72	10.11 2.72 25.90
MONTAUK___DIESEL 23721	22.54 2.48 0.00	23.43 2.21 -1.06	23.35 2.34 0.00	23.07 2.16 0.00	22.88 1.92 0.00	24.59 1.94 0.00	27.82 2.68 0.00	30.43 3.25 0.00	34.82 3.40 0.00	35.25 3.30 0.00	72.95 5.69 -30.18	84.22 6.46 -36.95	67.58 6.38 -14.08	324.98 7.36 -269.78	168.55 7.76 -110.95	301.39 6.00 -256.98	308.93 12.53 -212.73	460.26 42.83 -127.24	468.84 48.04 -75.34	253.84 2.40 -230.87	167.57 2.82 -140.22	63.23 3.34 -31.42	58.48 2.85 -31.23	50.95 3.55 -14.11
MOONROAD_115KV_HARTFLD_TB1-2 355988	19.81 -0.25 0.00	20.09 -0.07 0.00	20.84 -0.16 0.00	20.79 -0.11 0.00	20.95 -0.01 0.00	22.98 0.33 0.00	25.57 0.43 0.00	28.23 1.05 0.00	33.27 1.85 0.00	33.96 2.01 0.00	39.53 2.45 0.00	43.98 3.18 0.00	50.98 3.87 0.00	50.60 2.75 0.00	51.83 1.99 0.00	38.24 -0.06 0.11	80.60 -1.53 1.54	278.00 -4.10 8.09	339.21 -6.80 -0.54	19.98 -0.65 -0.06	25.59 0.13 -0.92	24.74 -0.18 3.57	24.58 -0.34 -0.50	33.11 -0.18 0.00

MORTIMER_115KV_TB3 55949	19.69 -0.37 0.00	19.90 -0.26 0.00	20.71 -0.30 0.00	20.62 -0.29 0.00	20.72 -0.24 0.00	22.59 -0.06 0.00	25.09 -0.06 0.00	27.47 0.28 0.00	32.15 0.73 0.00	32.76 0.81 0.00	38.11 1.03 0.00	42.37 1.57 0.00	49.07 1.95 0.00	49.20 1.36 0.00	51.01 1.17 0.00	38.71 0.14 -0.16	84.32 -0.23 -0.87	288.77 -1.62 -0.21	340.89 -4.58 0.00	20.27 -0.30 0.00	24.39 -0.15 0.00	26.61 -0.19 1.68	24.01 -0.33 0.06	32.87 -0.42 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	21.69 1.62 0.00	21.71 1.55 0.00	22.60 1.60 0.00	22.36 1.46 0.00	22.32 1.36 0.00	24.14 1.49 0.00	26.92 1.78 0.00	29.35 2.17 0.00	34.04 2.62 0.00	34.87 2.92 0.00	40.94 3.72 -0.13	44.57 3.76 0.00	51.23 4.12 0.00	52.46 4.62 0.00	54.76 4.93 0.00	42.47 4.06 0.00	92.40 8.73 0.00	319.70 29.51 0.00	402.01 34.63 -21.90	105.02 1.87 -82.58	105.67 2.18 -78.96	62.44 2.59 -31.37	57.82 2.29 -31.12	50.45 3.11 -14.05
MUNSVILLE_WIND_PWR 323609	21.73 1.67 0.00	21.76 1.60 0.00	22.60 1.60 0.00	22.46 1.55 0.00	22.63 1.67 0.00	24.64 2.00 0.00	27.51 2.36 0.00	30.23 2.79 -0.25	35.32 3.37 -0.54	35.32 3.30 -0.06	41.05 3.78 -0.18	46.25 4.33 -1.12	53.94 5.13 -1.70	54.43 4.95 -1.64	55.40 4.89 -0.67	43.08 3.60 -1.06	93.08 7.98 -1.42	323.95 30.77 -2.99	389.24 41.24 -2.53	22.60 1.68 -0.34	61.93 2.18 -35.22	48.89 2.54 -17.88	28.29 2.02 -1.86	36.10 2.49 -0.31
N SALMON___HYD 24042	19.80 -0.26 0.00	19.95 -0.21 0.00	4.68 -0.29 16.04	-19.94 -0.27 40.57	-23.22 -0.23 43.96	-7.32 -0.39 29.59	20.85 -0.35 3.94	26.94 -0.24 0.00	31.06 -0.35 0.00	26.31 -0.86 4.78	35.50 -1.59 0.00	37.75 -2.49 0.56	44.54 -2.56 0.02	45.18 -2.66 0.00	47.25 -2.59 0.00	27.08 -2.15 9.17	78.18 -4.12 1.38	271.70 -13.56 4.93	331.06 -14.40 0.00	19.95 -0.61 0.00	17.57 -0.69 6.27	27.56 -0.92 0.00	23.81 -0.60 0.00	32.74 -0.56 0.00
N.AKRON__115KV_KNAPP 355671	19.30 -0.76 0.00	19.61 -0.55 0.00	20.41 -0.59 0.00	20.34 -0.57 0.00	20.49 -0.48 0.00	22.43 -0.22 0.00	24.94 -0.20 0.00	27.48 0.30 0.00	32.33 0.91 0.00	32.88 0.93 0.00	38.06 0.97 0.00	42.37 1.56 0.00	49.00 1.89 0.00	48.66 0.82 0.00	50.28 0.45 0.00	38.54 -0.99 -1.12	85.89 -3.13 -5.35	274.00 -10.65 5.54	330.21 -15.70 -0.44	19.68 -0.94 -0.05	24.63 -0.65 -0.74	25.53 -0.60 2.34	24.01 -0.82 -0.42	32.31 -0.98 0.00
N.BELMOR_69_KV_BK1 55787	21.88 1.82 0.00	23.02 1.80 -1.06	22.88 1.88 0.00	22.67 1.77 0.00	22.64 1.68 0.00	24.48 1.83 0.00	27.25 2.11 0.00	29.52 2.34 0.00	34.10 2.68 0.00	34.74 2.79 0.00	43.36 4.08 -2.19	52.61 4.34 -7.47	52.80 4.80 -0.89	62.23 5.36 -9.03	70.86 5.80 -15.22	137.36 4.70 -94.25	185.71 10.17 -91.86	392.33 34.83 -67.32	435.35 40.70 -49.19	112.10 2.23 -89.30	106.06 2.50 -79.03	62.91 3.01 -31.42	58.27 2.64 -31.23	50.80 3.40 -14.11
N.E_GEN_SANDY PD 24062	27.73 0.97 -6.69	38.86 0.95 -17.74	29.55 0.97 -7.58	28.85 0.96 -6.99	29.32 0.92 -7.43	29.65 1.02 -5.97	26.27 1.13 0.00	28.46 1.27 0.00	32.77 1.35 0.00	33.36 1.41 0.00	38.56 1.78 0.31	42.68 1.87 0.00	52.50 2.27 -3.12	50.98 2.83 -0.31	75.53 3.08 -22.61	62.17 2.50 -21.26	119.07 5.45 -29.95	331.94 18.69 -23.06	355.33 22.09 12.23	109.34 1.25 -87.52	230.78 1.53 -204.72	103.17 1.79 -72.90	44.31 1.52 -18.38	45.59 2.05 -10.25
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	21.44 1.37 0.00	21.48 1.32 0.00	22.36 1.36 0.00	22.13 1.23 0.00	22.11 1.14 0.00	23.91 1.26 0.00	26.65 1.51 0.00	29.04 1.86 0.00	33.68 2.27 0.00	34.53 2.58 0.00	40.43 3.34 0.00	44.29 3.49 0.00	51.00 3.89 0.00	52.22 4.37 0.00	54.49 4.66 0.00	42.20 3.79 0.00	91.90 8.23 0.00	318.28 28.09 0.00	411.94 33.39 -33.08	140.86 1.84 -118.46	116.63 2.09 -90.01	68.98 2.43 -38.08	12.51 2.08 13.98	31.61 2.76 4.45
N.QUEENS_27_KV_LOAD 356247	21.91 1.84 -0.01	21.97 1.80 -0.01	22.89 1.88 -0.01	22.65 1.74 0.00	22.62 1.66 0.00	24.48 1.82 0.00	27.03 1.89 0.00	29.45 2.27 0.00	34.18 2.76 0.00	34.91 2.96 0.00	41.07 3.85 -0.13	44.65 3.85 0.00	51.34 4.23 0.00	52.68 4.84 0.00	55.08 5.23 -0.01	42.73 4.32 0.00	92.96 9.28 0.00	321.19 30.99 -0.01	403.92 36.54 -21.91	105.10 1.93 -82.59	105.74 2.24 -78.97	62.54 2.69 -31.38	57.96 2.43 -31.12	50.58 3.24 -14.05
N.TROY___115KV_TB1 355778	20.95 0.89 0.00	21.05 0.89 0.00	21.91 0.90 0.00	21.83 0.93 0.00	21.88 0.92 0.00	23.66 1.01 0.00	26.24 1.10 0.00	28.37 1.18 0.00	32.65 1.24 0.00	33.21 1.26 0.00	38.57 1.48 0.00	42.40 1.59 0.00	49.08 1.96 0.00	50.23 2.39 0.00	52.43 2.60 0.00	40.49 2.08 0.00	88.35 4.67 0.00	306.40 16.21 0.00	382.24 19.95 -16.83	41.32 1.16 -19.59	526.11 1.47 -500.11	208.84 1.66 -178.71	46.03 1.42 -20.20	37.99 1.88 -2.81
NARROWS_GT1_1 24228	21.91 1.82 -0.03	21.91 1.75 -0.01	22.80 1.79 0.00	22.56 1.65 0.00	22.51 1.55 0.00	24.36 1.71 0.00	27.13 1.98 0.00	29.57 2.39 0.00	34.31 2.89 0.00	35.12 3.17 0.00	41.25 4.03 -0.13	44.79 3.99 0.00	51.43 4.31 0.00	52.65 4.80 0.00	55.00 5.16 0.00	42.65 4.24 0.00	92.68 9.00 0.00	320.52 30.33 0.00	425.53 35.80 -44.26	158.28 1.85 -135.85	159.46 2.17 -132.75	84.83 2.66 -53.70	97.33 2.40 -70.52	50.63 3.29 -14.05
NARROWS_GT1_2 24229	21.91 1.82 -0.03	21.91 1.75 -0.01	22.80 1.79 0.00	22.56 1.65 0.00	22.51 1.55 0.00	24.36 1.71 0.00	27.13 1.98 0.00	29.57 2.39 0.00	34.31 2.89 0.00	35.12 3.17 0.00	41.25 4.03 -0.13	44.79 3.99 0.00	51.43 4.31 0.00	52.65 4.80 0.00	55.00 5.16 0.00	42.65 4.24 0.00	92.68 9.00 0.00	320.52 30.33 0.00	425.53 35.80 -44.26	158.28 1.85 -135.85	159.46 2.17 -132.75	84.83 2.66 -53.70	97.33 2.40 -70.52	50.63 3.29 -14.05
NARROWS_GT1_3 24230	21.91 1.82 -0.03	21.91 1.75 -0.01	22.80 1.79 0.00	22.56 1.65 0.00	22.51 1.55 0.00	24.36 1.71 0.00	27.13 1.98 0.00	29.57 2.39 0.00	34.31 2.89 0.00	35.12 3.17 0.00	41.25 4.03 -0.13	44.79 3.99 0.00	51.43 4.31 0.00	52.65 4.80 0.00	55.00 5.16 0.00	42.65 4.24 0.00	92.68 9.00 0.00	320.52 30.33 0.00	425.53 35.80 -44.26	158.28 1.85 -135.85	159.46 2.17 -132.75	84.83 2.66 -53.70	97.33 2.40 -70.52	50.63 3.29 -14.05
NARROWS_GT1_4 24231	21.91 1.82 -0.03	21.91 1.75 -0.01	22.80 1.79 0.00	22.56 1.65 0.00	22.51 1.55 0.00	24.36 1.71 0.00	27.13 1.98 0.00	29.57 2.39 0.00	34.31 2.89 0.00	35.12 3.17 0.00	41.25 4.03 -0.13	44.79 3.99 0.00	51.43 4.31 0.00	52.65 4.80 0.00	55.00 5.16 0.00	42.65 4.24 0.00	92.68 9.00 0.00	320.52 30.33 0.00	425.53 35.80 -44.26	158.28 1.85 -135.85	159.46 2.17 -132.75	84.83 2.66 -53.70	97.33 2.40 -70.52	50.63 3.29 -14.05
NARROWS_GT1_5 24232	21.91 1.82 -0.03	21.91 1.75 -0.01	22.80 1.79 0.00	22.56 1.65 0.00	22.51 1.55 0.00	24.36 1.71 0.00	27.13 1.98 0.00	29.57 2.39 0.00	34.31 2.89 0.00	35.12 3.17 0.00	41.25 4.03 -0.13	44.79 3.99 0.00	51.43 4.31 0.00	52.65 4.80 0.00	55.00 5.16 0.00	42.65 4.24 0.00	92.68 9.00 0.00	320.52 30.33 0.00	425.53 35.80 -44.26	158.28 1.85 -135.85	159.46 2.17 -132.75	84.83 2.66 -53.70	97.33 2.40 -70.52	50.63 3.29 -14.05

NARROWS_GT1_6 24233	21.91 1.82 -0.03	21.91 1.75 -0.01	22.80 1.79 0.00	22.56 1.65 0.00	22.51 1.55 0.00	24.36 1.71 0.00	27.13 1.98 0.00	29.57 2.39 0.00	34.31 2.89 0.00	35.12 3.17 0.00	41.25 4.03 -0.13	44.79 3.99 0.00	51.43 4.31 0.00	52.65 4.80 0.00	55.00 5.16 0.00	42.65 4.24 0.00	92.68 9.00 0.00	320.52 30.33 0.00	425.53 35.80 -44.26	158.28 1.85 -135.85	159.46 2.17 -132.75	84.83 2.66 -53.70	97.33 2.40 -70.52	50.63 3.29 -14.05
NARROWS_GT1_7 24234	21.91 1.82 -0.03	21.91 1.75 -0.01	22.80 1.79 0.00	22.56 1.65 0.00	22.51 1.55 0.00	24.36 1.71 0.00	27.13 1.98 0.00	29.57 2.39 0.00	34.31 2.89 0.00	35.12 3.17 0.00	41.25 4.03 -0.13	44.79 3.99 0.00	51.43 4.31 0.00	52.65 4.80 0.00	55.00 5.16 0.00	42.65 4.24 0.00	92.68 9.00 0.00	320.52 30.33 0.00	425.53 35.80 -44.26	158.28 1.85 -135.85	159.46 2.17 -132.75	84.83 2.66 -53.70	97.33 2.40 -70.52	50.63 3.29 -14.05
NARROWS_GT1_8 24235	21.91 1.82 -0.03	21.91 1.75 -0.01	22.80 1.79 0.00	22.56 1.65 0.00	22.51 1.55 0.00	24.36 1.71 0.00	27.13 1.98 0.00	29.57 2.39 0.00	34.31 2.89 0.00	35.12 3.17 0.00	41.25 4.03 -0.13	44.79 3.99 0.00	51.43 4.31 0.00	52.65 4.80 0.00	55.00 5.16 0.00	42.65 4.24 0.00	92.68 9.00 0.00	320.52 30.33 0.00	425.53 35.80 -44.26	158.28 1.85 -135.85	159.46 2.17 -132.75	84.83 2.66 -53.70	97.33 2.40 -70.52	50.63 3.29 -14.05
NARROWS_GT2_1 24236	21.91 1.82 -0.03	21.91 1.75 -0.01	22.80 1.79 0.00	22.56 1.65 0.00	22.51 1.55 0.00	24.36 1.71 0.00	27.13 1.98 0.00	29.57 2.39 0.00	34.31 2.89 0.00	35.12 3.17 0.00	41.25 4.03 -0.13	44.79 3.99 0.00	51.43 4.31 0.00	52.65 4.80 0.00	55.00 5.16 0.00	42.65 4.24 0.00	92.68 9.00 0.00	320.52 30.33 0.00	425.53 35.80 -44.26	158.28 1.85 -135.85	159.46 2.17 -132.75	84.83 2.66 -53.70	97.33 2.40 -70.52	50.63 3.29 -14.05
NARROWS_GT2_2 24237	21.91 1.82 -0.03	21.91 1.75 -0.01	22.80 1.79 0.00	22.56 1.65 0.00	22.51 1.55 0.00	24.36 1.71 0.00	27.13 1.98 0.00	29.57 2.39 0.00	34.31 2.89 0.00	35.12 3.17 0.00	41.25 4.03 -0.13	44.79 3.99 0.00	51.43 4.31 0.00	52.65 4.80 0.00	55.00 5.16 0.00	42.65 4.24 0.00	92.68 9.00 0.00	320.52 30.33 0.00	425.53 35.80 -44.26	158.28 1.85 -135.85	159.46 2.17 -132.75	84.83 2.66 -53.70	97.33 2.40 -70.52	50.63 3.29 -14.05
NARROWS_GT2_3 24238	21.91 1.82 -0.03	21.91 1.75 -0.01	22.80 1.79 0.00	22.56 1.65 0.00	22.51 1.55 0.00	24.36 1.71 0.00	27.13 1.98 0.00	29.57 2.39 0.00	34.31 2.89 0.00	35.12 3.17 0.00	41.25 4.03 -0.13	44.79 3.99 0.00	51.43 4.31 0.00	52.65 4.80 0.00	55.00 5.16 0.00	42.65 4.24 0.00	92.68 9.00 0.00	320.52 30.33 0.00	425.53 35.80 -44.26	158.28 1.85 -135.85	159.46 2.17 -132.75	84.83 2.66 -53.70	97.33 2.40 -70.52	50.63 3.29 -14.05
NARROWS_GT2_4 24239	21.91 1.82 -0.03	21.91 1.75 -0.01	22.80 1.79 0.00	22.56 1.65 0.00	22.51 1.55 0.00	24.36 1.71 0.00	27.13 1.98 0.00	29.57 2.39 0.00	34.31 2.89 0.00	35.12 3.17 0.00	41.25 4.03 -0.13	44.79 3.99 0.00	51.43 4.31 0.00	52.65 4.80 0.00	55.00 5.16 0.00	42.65 4.24 0.00	92.68 9.00 0.00	320.52 30.33 0.00	425.53 35.80 -44.26	158.28 1.85 -135.85	159.46 2.17 -132.75	84.83 2.66 -53.70	97.33 2.40 -70.52	50.63 3.29 -14.05
NARROWS_GT2_5 24240	21.91 1.82 -0.03	21.91 1.75 -0.01	22.80 1.79 0.00	22.56 1.65 0.00	22.51 1.55 0.00	24.36 1.71 0.00	27.13 1.98 0.00	29.57 2.39 0.00	34.31 2.89 0.00	35.12 3.17 0.00	41.25 4.03 -0.13	44.79 3.99 0.00	51.43 4.31 0.00	52.65 4.80 0.00	55.00 5.16 0.00	42.65 4.24 0.00	92.68 9.00 0.00	320.52 30.33 0.00	425.53 35.80 -44.26	158.28 1.85 -135.85	159.46 2.17 -132.75	84.83 2.66 -53.70	97.33 2.40 -70.52	50.63 3.29 -14.05
NARROWS_GT2_6 24241	21.91 1.82 -0.03	21.91 1.75 -0.01	22.80 1.79 0.00	22.56 1.65 0.00	22.51 1.55 0.00	24.36 1.71 0.00	27.13 1.98 0.00	29.57 2.39 0.00	34.31 2.89 0.00	35.12 3.17 0.00	41.25 4.03 -0.13	44.79 3.99 0.00	51.43 4.31 0.00	52.65 4.80 0.00	55.00 5.16 0.00	42.65 4.24 0.00	92.68 9.00 0.00	320.52 30.33 0.00	425.53 35.80 -44.26	158.28 1.85 -135.85	159.46 2.17 -132.75	84.83 2.66 -53.70	97.33 2.40 -70.52	50.63 3.29 -14.05
NARROWS_GT2_7 24242	21.91 1.82 -0.03	21.91 1.75 -0.01	22.80 1.79 0.00	22.56 1.65 0.00	22.51 1.55 0.00	24.36 1.71 0.00	27.13 1.98 0.00	29.57 2.39 0.00	34.31 2.89 0.00	35.12 3.17 0.00	41.25 4.03 -0.13	44.79 3.99 0.00	51.43 4.31 0.00	52.65 4.80 0.00	55.00 5.16 0.00	42.65 4.24 0.00	92.68 9.00 0.00	320.52 30.33 0.00	425.53 35.80 -44.26	158.28 1.85 -135.85	159.46 2.17 -132.75	84.83 2.66 -53.70	97.33 2.40 -70.52	50.63 3.29 -14.05
NARROWS_GT2_8 24243	21.91 1.82 -0.03	21.91 1.75 -0.01	22.80 1.79 0.00	22.56 1.65 0.00	22.51 1.55 0.00	24.36 1.71 0.00	27.13 1.98 0.00	29.57 2.39 0.00	34.31 2.89 0.00	35.12 3.17 0.00	41.25 4.03 -0.13	44.79 3.99 0.00	51.43 4.31 0.00	52.65 4.80 0.00	55.00 5.16 0.00	42.65 4.24 0.00	92.68 9.00 0.00	320.52 30.33 0.00	425.53 35.80 -44.26	158.28 1.85 -135.85	159.46 2.17 -132.75	84.83 2.66 -53.70	97.33 2.40 -70.52	50.63 3.29 -14.05
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	21.04 0.98 0.00	21.17 1.02 0.00	22.03 1.02 0.00	21.96 1.05 0.00	22.04 1.08 0.00	23.84 1.19 0.00	26.46 1.32 0.00	28.57 1.38 0.00	32.83 1.41 0.00	33.31 1.36 0.00	38.64 1.55 0.00	42.50 1.70 0.00	49.20 2.09 0.00	50.06 2.22 0.00	51.97 2.14 0.00	40.08 1.67 0.00	87.75 4.07 0.00	305.45 15.27 0.00	376.89 20.18 -11.24	43.18 1.36 -21.25	233.89 1.60 -207.76	109.55 1.93 -79.14	37.67 1.51 -11.75	37.43 2.05 -2.09
NCHELSEA_115KV_TR2 355582	21.60 1.53 0.00	21.63 1.46 0.00	22.49 1.49 0.00	22.29 1.38 0.00	22.27 1.30 0.00	24.08 1.43 0.00	26.83 1.69 0.00	29.20 2.02 0.00	33.76 2.34 0.00	34.47 2.51 0.00	40.33 3.24 0.00	44.27 3.46 0.00	51.03 3.92 0.00	52.30 4.46 0.00	54.53 4.69 0.00	42.20 3.79 0.00	91.83 8.16 0.00	318.22 28.03 0.00	392.61 33.46 -13.68	76.90 1.89 -54.43	97.70 2.18 -70.99	57.67 2.52 -26.67	37.09 2.12 -10.55	39.93 2.72 -3.91
NEG CAPITAL___MECHNVIL 23645	21.23 1.17 0.00	21.30 1.14 0.00	22.15 1.15 0.00	22.08 1.17 0.00	22.13 1.17 0.00	23.97 1.32 0.00	26.61 1.47 0.00	28.79 1.61 0.00	33.23 1.81 0.00	33.83 1.87 0.00	39.24 2.15 0.00	43.15 2.35 0.00	49.96 2.85 0.00	51.07 3.23 0.00	53.38 3.54 0.00	41.21 2.80 0.00	90.16 6.49 0.00	313.00 22.82 0.00	392.20 28.89 -17.85	41.47 1.69 -19.21	588.82 2.08 -562.21	232.93 2.31 -202.14	47.72 1.97 -21.35	38.50 2.56 -2.65
NEG CENTRAL_HIGH_ACRES 23767	19.45 -0.61 0.00	19.63 -0.53 0.00	20.43 -0.57 0.00	20.34 -0.57 0.00	20.44 -0.53 0.00	22.26 -0.39 0.00	24.73 -0.41 0.00	27.07 -0.12 0.00	31.65 0.23 0.00	32.25 0.29 0.00	37.56 0.47 0.00	41.78 0.98 0.00	48.36 1.25 0.00	48.62 0.78 0.00	50.41 0.58 0.00	38.32 -0.16 -0.07	83.33 -0.73 -0.38	286.90 -3.37 -0.08	338.69 -6.77 0.00	20.17 -0.40 0.00	24.19 -0.34 0.00	26.84 -0.46 1.17	23.80 -0.56 0.04	32.51 -0.78 0.00

NEG CENTRAL___DRP 24199	20.00 -0.07 0.00	20.11 -0.05 0.00	20.14 -0.07 0.79	18.85 -0.05 1.99	18.78 -0.02 2.16	21.33 0.14 1.45	25.16 0.21 0.19	28.05 0.46 -0.41	33.05 0.77 -0.86	32.67 0.85 0.14	38.46 1.08 -0.30	44.10 1.51 -1.78	51.70 1.85 -2.74	52.09 1.60 -2.65	52.41 1.49 -1.09	40.93 0.80 -1.72	87.80 1.68 -2.45	302.01 5.61 -6.21	351.49 4.15 -1.87	20.64 0.07 0.00	24.84 0.11 -0.19	27.34 0.01 1.15	24.40 -0.05 -0.04	33.67 -0.13 -0.51
NEG CENTRAL___INDECK 23768	20.16 0.10 0.00	20.36 0.20 0.00	21.20 0.19 0.00	21.17 0.26 0.00	21.29 0.33 0.00	23.22 0.57 0.00	25.50 0.36 0.00	27.70 0.51 0.00	32.33 0.91 0.00	32.03 0.08 0.00	36.97 -0.12 0.00	40.81 0.01 0.00	47.22 0.10 0.00	47.34 -0.50 0.00	48.92 -0.92 0.00	37.05 -1.37 0.00	85.51 -2.55 -4.39	319.60 -9.16 -38.58	330.48 -15.51 -0.53	19.84 -0.79 -0.06	24.48 -0.95 -0.90	22.92 -1.20 4.35	24.18 -0.69 -0.45	32.58 -0.71 0.00
NEG CENTRAL___SENECA 23627	20.02 -0.04 0.00	20.16 0.00 0.00	20.98 -0.02 0.00	20.91 0.01 0.00	21.02 0.05 0.00	22.94 0.29 0.00	25.51 0.36 0.00	28.08 0.68 -0.21	32.95 1.07 -0.45	33.13 1.13 -0.05	38.63 1.39 -0.16	43.68 1.92 -0.96	50.85 2.28 -1.45	51.16 1.92 -1.40	52.28 1.87 -0.57	40.25 0.93 -0.91	87.32 1.85 -1.80	304.27 6.39 -7.69	351.26 4.80 -0.99	20.68 0.11 0.00	24.81 0.18 -0.10	25.58 0.05 2.94	24.31 -0.04 0.07	33.43 -0.12 -0.27
NEG CENTRAL___STATE_STREET 24147	20.23 0.16 0.00	20.34 0.18 0.00	20.30 0.15 0.85	18.91 0.16 2.15	18.82 0.18 2.33	21.36 0.28 1.57	25.31 0.38 0.21	28.32 0.60 -0.54	33.40 0.83 -1.15	32.59 0.77 0.13	38.53 1.05 -0.39	44.47 1.28 -2.38	52.43 1.66 -3.65	53.02 1.66 -3.53	52.64 1.36 -1.45	41.53 0.83 -2.29	88.55 2.07 -2.81	302.46 7.95 -4.32	355.97 8.01 -2.49	20.86 0.29 0.00	25.11 0.32 -0.26	30.72 0.30 -1.94	24.84 0.25 -0.18	34.29 0.32 -0.67
NEG MILLWOOD___DRP 24198	21.68 1.62 0.00	21.70 1.54 0.00	22.57 1.56 0.00	22.36 1.46 0.00	22.34 1.38 0.00	24.18 1.53 0.00	26.95 1.81 0.00	29.36 2.17 0.00	34.02 2.60 0.00	34.81 2.86 0.00	40.79 3.71 0.00	44.78 3.98 0.00	51.62 4.50 0.00	52.90 5.06 0.00	55.26 5.42 0.00	42.77 4.37 0.00	92.91 9.23 0.00	321.95 31.76 0.00	399.12 37.66 -16.00	85.48 2.11 -62.80	100.60 2.44 -73.63	59.37 2.81 -28.09	45.13 2.37 -18.34	43.97 3.09 -7.58
NEG NORTH_FLCN_SEA 23793	20.20 0.14 0.00	20.36 0.19 0.00	17.34 0.10 3.76	11.54 0.14 9.51	10.87 0.21 10.30	15.76 0.05 6.93	24.41 0.19 0.92	27.65 0.47 0.00	31.67 0.25 0.00	30.08 -0.76 1.12	35.22 -1.87 0.00	36.79 -3.88 0.13	43.66 -3.45 0.00	44.47 -3.37 0.00	46.45 -3.39 0.00	25.94 -2.66 9.80	77.02 -5.17 1.48	267.82 -17.10 5.26	326.90 -18.57 0.00	19.60 -0.97 0.00	19.92 -1.11 3.51	27.04 -1.43 0.00	23.67 -0.74 0.00	33.10 -0.19 0.00
NEG NORTH_KES_CHATEGAY 23792	19.82 -0.24 0.00	19.99 -0.16 0.00	13.99 -0.25 6.76	3.59 -0.23 17.09	2.27 -0.17 18.52	9.83 -0.35 12.47	23.17 -0.31 1.66	27.01 -0.18 0.00	31.09 -0.33 0.00	28.98 -0.96 2.01	35.28 -1.81 0.00	37.69 -2.88 0.24	44.11 -2.99 0.01	44.79 -3.05 0.00	46.80 -3.03 0.00	26.45 -2.33 9.64	77.78 -4.44 1.45	270.42 -14.60 5.17	329.57 -15.90 0.00	19.84 -0.73 0.00	19.50 -0.79 4.24	27.34 -1.13 0.00	23.75 -0.66 0.00	32.74 -0.55 0.00
NEG NORTH___ALICE_FALLS 23915	20.20 0.14 0.00	20.35 0.18 0.00	16.86 0.09 4.23	10.32 0.12 10.71	9.54 0.18 11.60	14.87 0.03 7.81	24.28 0.18 1.04	27.64 0.46 0.00	31.75 0.33 0.00	30.14 -0.55 1.26	35.55 -1.53 0.00	37.43 -3.23 0.15	44.28 -2.84 0.00	45.08 -2.76 0.00	47.07 -2.77 0.00	26.42 -2.21 9.78	77.71 -4.49 1.47	270.93 -14.01 5.25	330.77 -14.69 0.00	19.84 -0.73 0.00	20.10 -0.81 3.62	27.47 -1.01 0.00	23.91 -0.50 0.00	33.21 -0.08 0.00
NEG NORTH___LWR_SARANAC 23913	20.20 0.14 0.00	20.35 0.18 0.00	16.86 0.09 4.23	10.32 0.12 10.71	9.54 0.18 11.60	14.87 0.03 7.81	24.28 0.18 1.04	27.64 0.46 0.00	31.75 0.33 0.00	30.14 -0.55 1.26	35.55 -1.53 0.00	37.43 -3.23 0.15	44.28 -2.84 0.00	45.08 -2.76 0.00	47.07 -2.77 0.00	26.42 -2.21 9.78	77.71 -4.49 1.47	270.93 -14.01 5.25	330.77 -14.69 0.00	19.84 -0.73 0.00	20.10 -0.81 3.62	27.47 -1.01 0.00	23.91 -0.50 0.00	33.21 -0.08 0.00
NEG NORTH___PLATTSBURG 23628	20.20 0.14 0.00	20.35 0.18 0.00	16.86 0.09 4.23	10.32 0.12 10.71	9.54 0.19 11.60	14.87 0.03 7.81	24.28 0.18 1.04	27.64 0.46 0.00	31.75 0.33 0.00	30.14 -0.55 1.26	35.55 -1.53 0.00	37.43 -3.23 0.15	44.28 -2.84 0.00	45.07 -2.77 0.00	47.07 -2.76 0.00	26.42 -2.21 9.78	77.71 -4.49 1.47	270.98 -13.96 5.25	330.78 -14.68 0.00	19.85 -0.72 0.00	20.10 -0.81 3.62	27.47 -1.01 0.00	23.91 -0.50 0.00	33.21 -0.08 0.00
NEG WEST_LEA_LOCKPORT 23791	18.78 -1.28 0.00	19.11 -1.05 0.00	19.90 -1.10 0.00	19.84 -1.07 0.00	19.98 -0.98 0.00	21.89 -0.76 0.00	24.30 -0.85 0.00	26.74 -0.44 0.00	31.45 0.04 0.00	32.02 0.07 0.00	37.11 0.03 0.00	41.37 0.57 0.00	47.83 0.72 0.00	47.35 -0.49 0.00	48.95 -0.89 0.00	31.47 -2.19 4.75	50.94 -5.65 27.08	256.73 -18.59 14.86	321.11 -24.80 -0.44	19.12 -1.50 -0.05	24.02 -1.28 -0.77	23.75 -1.46 3.26	23.32 -1.52 -0.43	31.41 -1.88 0.00
NEG WEST___LANCASTR 23811	19.26 -0.80 0.00	19.55 -0.61 0.00	20.36 -0.64 0.00	20.31 -0.60 0.00	20.41 -0.54 0.00	22.35 -0.30 0.00	24.80 -0.34 0.00	27.28 0.09 0.00	32.05 0.64 0.00	32.66 0.71 0.00	37.92 0.83 0.00	42.28 1.48 0.00	48.77 1.66 0.00	48.59 0.75 0.00	50.37 0.54 0.00	37.51 -0.90 0.00	79.99 -2.71 0.99	273.16 -8.35 8.67	333.53 -12.48 -0.54	19.71 -0.93 -0.06	24.84 -0.62 -0.92	24.14 -0.92 3.41	23.95 -0.97 -0.51	32.21 -1.09 0.00
NEG_PENN_ALLEGHNY 23528	20.25 0.19 0.00	20.35 0.19 0.00	21.20 0.19 0.00	21.11 0.21 0.00	21.15 0.19 0.00	22.98 0.33 0.00	25.55 0.40 0.00	28.08 0.65 -0.24	32.88 0.95 -0.51	33.06 1.05 -0.06	38.61 1.35 -0.17	43.57 1.69 -1.07	50.60 1.86 -1.63	51.17 1.76 -1.57	52.33 1.85 -0.65	40.61 1.18 -1.02	87.24 2.39 -1.18	300.21 8.77 -1.25	357.68 10.01 -2.20	21.14 0.33 -0.24	48.07 0.44 -23.10	36.15 0.35 -7.31	25.98 0.28 -1.30	34.03 0.43 -0.30
NEG___GEN_MONROE 24207	19.79 -0.27 0.00	20.01 -0.14 0.00	20.82 -0.18 0.00	20.73 -0.17 0.00	20.85 -0.11 0.00	22.74 0.09 0.00	25.28 0.13 0.00	27.71 0.53 0.00	32.47 1.05 0.00	33.06 1.11 0.00	38.40 1.31 0.00	42.68 1.88 0.00	49.43 2.31 0.00	49.51 1.67 0.00	51.32 1.48 0.00	38.90 0.28 -0.21	84.95 0.14 -1.14	289.79 -0.66 -0.27	341.25 -4.22 0.00	20.33 -0.24 0.00	24.51 -0.03 0.00	26.78 0.02 1.71	24.15 -0.20 0.06	33.06 -0.23 0.00
NEPA___ENERGY 23901	19.45 -0.61 0.00	19.70 -0.46 0.00	20.52 -0.49 0.00	20.48 -0.43 0.00	20.54 -0.42 0.00	22.51 -0.14 0.00	25.02 -0.13 0.00	27.57 0.39 0.00	32.43 1.01 0.00	33.12 1.17 0.00	38.51 1.42 0.00	42.87 2.06 0.00	49.39 2.27 0.00	49.32 1.48 0.00	51.08 1.25 0.00	38.03 -0.24 0.14	80.28 -1.53 1.87	276.45 -3.98 9.76	340.18 -5.84 -0.55	19.90 -0.73 -0.06	25.12 -0.35 -0.94	24.27 -0.77 3.44	24.18 -0.75 -0.51	32.59 -0.70 0.00

NEVERSINK___HYD 23608	21.06 1.00 0.00	21.06 0.90 0.00	21.89 0.88 0.00	21.68 0.77 0.00	21.68 0.72 0.00	23.45 0.80 0.00	26.13 0.99 0.00	28.45 1.27 0.00	32.98 1.56 0.00	33.75 1.79 0.00	39.55 2.47 0.00	43.45 2.64 0.00	49.82 2.71 0.00	49.91 2.07 0.00	52.05 2.21 0.00	40.21 1.80 0.00	87.77 4.09 0.00	304.70 14.51 0.00	367.00 18.60 -2.94	36.11 1.03 -14.51	84.32 1.23 -58.55	50.66 1.99 -20.20	23.91 1.59 2.09	32.92 1.98 2.35
NEWKRMKL_115KV_TB1 55635	20.63 0.56 0.00	20.72 0.56 0.00	21.57 0.57 0.00	21.48 0.57 0.00	21.53 0.57 0.00	23.25 0.60 0.00	25.82 0.68 0.00	27.93 0.75 0.00	32.19 0.77 0.00	32.75 0.80 0.00	38.08 1.00 0.00	41.79 0.98 0.00	48.34 1.23 0.00	49.40 1.56 0.00	51.56 1.73 0.00	39.87 1.46 0.00	86.86 3.18 0.00	300.98 10.79 0.00	372.63 13.00 -14.16	39.54 0.76 -18.22	385.32 0.94 -359.85	161.21 1.09 -131.65	42.32 0.93 -16.98	37.24 1.24 -2.71
NEWTON___FALLS_HYD 23847	19.23 -0.84 0.00	19.40 -0.76 0.00	-9.50 -0.97 29.53	-54.78 -0.99 74.69	-60.95 -0.98 80.93	-32.82 -0.99 54.48	16.95 -0.94 7.25	26.49 -0.91 -0.21	30.89 -0.99 -0.46	22.09 -1.11 8.75	36.05 -1.19 -0.16	39.21 -1.52 0.08	46.49 -2.04 -1.42	47.12 -2.12 -1.40	48.17 -2.24 -0.57	32.30 -1.84 4.27	80.47 -3.47 -0.27	277.23 -11.29 1.67	337.16 -9.29 -0.99	20.06 -0.51 0.00	-0.15 -0.97 23.71	27.87 -0.88 -0.27	23.78 -0.69 -0.05	32.68 -0.87 -0.27
NGRID_A1_DSASP 323792	18.49 -1.57 0.00	18.84 -1.32 0.00	19.64 -1.36 0.00	19.58 -1.33 0.00	19.72 -1.25 0.00	21.58 -1.07 0.00	23.93 -1.21 0.00	26.31 -0.87 0.00	30.95 -0.47 0.00	31.50 -0.45 0.00	36.55 -0.54 0.00	40.75 -0.06 0.00	47.10 -0.01 0.00	46.54 -1.30 0.00	48.10 -1.74 0.00	35.58 -2.83 0.00	75.69 -7.02 0.97	259.10 -22.58 8.51	315.42 -30.50 -0.46	18.87 -1.75 -0.05	23.66 -1.65 -0.79	23.96 -1.81 2.71	22.94 -1.91 -0.44	30.87 -2.42 0.00
NGRID_A2_DSASP 323793	18.49 -1.57 0.00	18.84 -1.32 0.00	19.64 -1.36 0.00	19.58 -1.33 0.00	19.72 -1.25 0.00	21.58 -1.07 0.00	23.93 -1.21 0.00	26.31 -0.87 0.00	30.95 -0.47 0.00	31.50 -0.45 0.00	36.55 -0.54 0.00	40.75 -0.06 0.00	47.10 -0.01 0.00	46.54 -1.30 0.00	48.10 -1.74 0.00	35.58 -2.83 0.00	75.69 -7.02 0.97	259.10 -22.58 8.51	315.42 -30.50 -0.46	18.87 -1.75 -0.05	23.66 -1.65 -0.79	23.96 -1.81 2.71	22.94 -1.91 -0.44	30.87 -2.42 0.00
NGRID_A4_DSASP 323807	18.49 -1.57 0.00	18.84 -1.32 0.00	19.64 -1.36 0.00	19.58 -1.33 0.00	19.72 -1.25 0.00	21.58 -1.07 0.00	23.93 -1.21 0.00	26.31 -0.87 0.00	30.95 -0.47 0.00	31.50 -0.45 0.00	36.55 -0.54 0.00	40.75 -0.06 0.00	47.10 -0.01 0.00	46.54 -1.30 0.00	48.10 -1.74 0.00	35.58 -2.83 0.00	75.69 -7.02 0.97	259.10 -22.58 8.51	315.42 -30.50 -0.46	18.87 -1.75 -0.05	23.66 -1.65 -0.79	23.96 -1.81 2.71	22.94 -1.91 -0.44	30.87 -2.42 0.00
NIAGARA_115E_LBMP 323715	18.63 -1.43 0.00	18.97 -1.19 0.00	19.78 -1.23 0.00	19.71 -1.19 0.00	19.85 -1.11 0.00	21.73 -0.92 0.00	24.12 -1.03 0.00	26.52 -0.66 0.00	31.20 -0.22 0.00	31.76 -0.19 0.00	36.83 -0.26 0.00	41.07 0.27 0.00	47.49 0.38 0.00	46.99 -0.86 0.00	48.55 -1.29 0.00	36.36 -2.49 -0.44	78.82 -6.32 -1.46	261.51 -20.73 7.94	318.39 -27.55 -0.46	19.04 -1.58 -0.05	23.89 -1.43 -0.79	24.12 -1.68 2.67	23.14 -1.71 -0.44	31.14 -2.15 0.00
NIAGARA_115W_LBMP 323714	18.44 -1.62 0.00	18.79 -1.37 0.00	19.59 -1.41 0.00	19.53 -1.37 0.00	19.66 -1.30 0.00	21.53 -1.13 0.00	23.87 -1.28 0.00	26.25 -0.93 0.00	30.87 -0.55 0.00	31.42 -0.53 0.00	36.45 -0.64 0.00	40.65 -0.15 0.00	46.97 -0.14 0.00	46.41 -1.43 0.00	47.97 -1.86 0.00	35.51 -2.90 0.00	75.52 -7.19 0.96	258.74 -22.99 8.46	314.82 -31.11 -0.46	18.84 -1.79 -0.05	23.61 -1.70 -0.78	23.91 -1.86 2.70	22.88 -1.97 -0.44	30.79 -2.50 0.00
NIAGARA_230_LBMP 323716	18.71 -1.35 0.00	19.06 -1.10 0.00	19.87 -1.13 0.00	19.81 -1.10 0.00	19.93 -1.03 0.00	21.81 -0.84 0.00	24.19 -0.95 0.00	26.59 -0.59 0.00	31.25 -0.17 0.00	31.83 -0.12 0.00	36.92 -0.17 0.00	41.16 0.36 0.00	47.59 0.48 0.00	47.14 -0.70 0.00	48.74 -1.09 0.00	35.96 -2.24 0.21	75.95 -5.66 2.06	263.13 -18.72 8.34	320.58 -25.34 -0.45	19.16 -1.46 -0.05	24.00 -1.31 -0.77	24.25 -1.58 2.65	23.28 -1.57 -0.43	31.33 -1.96 0.00
NIAGARA___115KV_198_GIBSON 55903	18.44 -1.63 0.00	18.79 -1.37 0.00	19.59 -1.41 0.00	19.52 -1.39 0.00	19.66 -1.30 0.00	21.52 -1.13 0.00	23.87 -1.27 0.00	26.24 -0.94 0.00	30.87 -0.55 0.00	31.42 -0.53 0.00	36.45 -0.64 0.00	40.65 -0.15 0.00	46.97 -0.15 0.00	46.39 -1.45 0.00	47.99 -1.84 0.00	35.48 -2.93 0.00	75.51 -7.21 0.96	258.75 -22.97 8.46	315.41 -30.51 -0.46	18.80 -1.82 -0.05	23.58 -1.74 -0.78	23.97 -1.80 2.70	22.89 -1.96 -0.44	30.78 -2.52 0.00
NIAGARA____ 23760	18.71 -1.35 0.00	19.06 -1.10 0.00	19.87 -1.13 0.00	19.81 -1.10 0.00	19.93 -1.03 0.00	21.81 -0.84 0.00	24.19 -0.95 0.00	26.59 -0.59 0.00	31.25 -0.17 0.00	31.83 -0.12 0.00	36.92 -0.17 0.00	41.16 0.36 0.00	47.59 0.48 0.00	47.14 -0.70 0.00	48.74 -1.09 0.00	36.17 -2.24 0.00	77.09 -5.66 0.93	263.20 -18.72 8.27	320.59 -25.34 -0.46	19.16 -1.46 -0.05	24.00 -1.31 -0.78	24.24 -1.58 2.66	23.28 -1.57 -0.44	31.33 -1.96 0.00
NINE_MILE_1 23575	19.51 -0.55 0.00	19.61 -0.55 0.00	20.39 -0.61 0.00	20.30 -0.61 0.00	20.37 -0.59 0.00	22.03 -0.62 0.00	24.46 -0.68 0.00	22.86 -0.65 3.67	23.00 -0.67 7.75	30.42 -0.67 0.86	33.71 -0.73 2.65	23.95 -0.65 16.21	21.83 -0.72 24.57	23.28 -0.81 23.75	39.11 -0.98 9.76	22.21 -0.79 15.41	64.15 -1.79 17.74	265.24 -6.04 18.91	320.97 -7.72 16.78	20.09 -0.48 0.00	22.20 -0.60 1.73	23.14 -0.74 4.59	22.85 -0.66 0.90	27.81 -0.94 4.55
NINE_MILE_2 23744	19.51 -0.55 0.00	19.62 -0.54 0.00	20.39 -0.61 0.00	20.30 -0.60 0.00	20.37 -0.59 0.00	22.03 -0.62 0.00	24.46 -0.68 0.00	22.81 -0.65 3.73	22.88 -0.67 7.86	30.41 -0.67 0.88	33.67 -0.73 2.69	23.70 -0.65 16.45	21.46 -0.72 24.93	22.92 -0.81 24.11	38.96 -0.98 9.90	21.98 -0.79 15.64	63.88 -1.78 18.01	264.95 -6.04 19.19	320.79 -7.65 17.03	20.09 -0.48 0.00	22.18 -0.60 1.76	23.08 -0.74 4.66	22.84 -0.66 0.92	27.74 -0.94 4.61
NM_CAPITAL___DRP 24208	20.67 0.60 0.00	20.76 0.60 0.00	21.62 0.62 0.00	21.52 0.62 0.00	21.58 0.61 0.00	23.29 0.64 0.00	25.86 0.72 0.00	27.97 0.79 0.00	32.21 0.79 0.00	32.77 0.82 0.00	38.12 1.03 0.00	41.83 1.03 0.00	48.39 1.27 0.00	49.48 1.64 0.00	51.64 1.80 0.00	39.92 1.51 0.00	86.99 3.31 0.00	301.45 11.26 0.00	373.12 13.49 -14.16	39.91 0.78 -18.56	387.96 0.98 -362.44	159.16 1.13 -129.55	42.40 0.97 -17.02	37.38 1.30 -2.79
NM_CENTRAL___DRP 24181	19.95 -0.12 0.00	20.03 -0.12 0.00	19.60 -0.17 1.24	17.61 -0.17 3.13	17.42 -0.16 3.39	20.26 -0.11 2.28	24.75 -0.09 0.30	27.58 0.04 -0.36	32.35 0.18 -0.75	31.98 0.31 0.28	37.74 0.40 -0.26	43.02 0.69 -1.53	50.33 0.83 -2.38	50.89 0.75 -2.31	51.47 0.68 -0.95	40.35 0.44 -1.50	86.33 0.93 -1.72	295.33 3.31 -1.84	350.36 3.27 -1.63	20.63 0.06 0.00	24.76 0.06 -0.17	28.91 -0.01 -0.45	24.45 -0.05 -0.09	33.59 -0.14 -0.44

NM_FRONTIER___DRP 24179	18.44 -1.63 0.00	18.79 -1.37 0.00	19.59 -1.41 0.00	19.52 -1.39 0.00	19.66 -1.30 0.00	21.52 -1.13 0.00	23.87 -1.27 0.00	26.24 -0.94 0.00	30.87 -0.55 0.00	31.42 -0.53 0.00	36.45 -0.64 0.00	40.65 -0.15 0.00	46.97 -0.15 0.00	46.39 -1.45 0.00	47.99 -1.84 0.00	35.48 -2.93 0.00	75.51 -7.21 0.96	258.75 -22.97 8.46	315.41 -30.51 -0.46	18.80 -1.82 -0.05	23.58 -1.74 -0.78	23.97 -1.80 2.70	22.89 -1.96 -0.44	30.78 -2.52 0.00
NM_ST_REGIS___HYD 24053	19.29 -0.77 0.00	19.44 -0.72 0.00	-17.66 -0.79 37.87	-75.66 -0.79 95.77	-83.58 -0.78 103.77	-48.10 -0.91 69.85	14.84 -1.00 9.30	26.16 -1.11 -0.09	30.24 -1.39 -0.21	18.94 -1.76 11.25	34.82 -2.34 -0.07	36.81 -2.95 1.04	43.79 -3.28 0.04	44.39 -3.45 0.00	46.33 -3.50 0.00	27.41 -2.91 8.09	76.51 -5.94 1.22	265.59 -20.26 4.34	323.55 -21.92 0.00	19.49 -1.08 0.00	12.20 -1.29 11.03	27.03 -1.44 0.00	23.23 -1.18 0.00	31.84 -1.45 0.00
NORTHPORT___1 23551	21.52 1.46 0.00	22.78 1.56 -1.06	22.69 1.69 0.00	22.51 1.60 0.00	22.50 1.54 0.00	24.28 1.63 0.00	27.04 1.90 0.00	29.13 1.94 0.00	33.46 2.04 0.00	33.98 2.03 0.01	42.65 3.61 -1.95	52.66 3.75 -8.10	51.07 4.08 0.12	56.73 4.50 -4.39	72.33 4.89 -17.61	98.00 3.98 -55.61	142.22 8.57 -49.97	355.33 29.16 -35.98	408.64 33.64 -29.53	108.97 1.83 -86.57	106.70 2.00 -80.17	62.04 2.47 -31.10	56.82 2.09 -30.31	48.31 2.67 -12.35
NORTHPORT___2 23552	21.52 1.46 0.00	22.78 1.56 -1.06	22.69 1.69 0.00	22.51 1.60 0.00	22.50 1.54 0.00	24.28 1.63 0.00	27.04 1.90 0.00	29.13 1.94 0.00	33.46 2.04 0.00	33.98 2.03 0.01	42.65 3.61 -1.95	52.66 3.75 -8.10	51.07 4.08 0.12	55.14 4.50 -2.81	60.43 4.89 -5.71	76.76 3.98 -34.36	112.65 8.57 -20.40	321.00 29.16 -1.65	379.52 33.64 -0.42	54.77 1.83 -32.37	86.25 2.00 -59.72	51.49 2.47 -20.55	54.04 2.09 -27.53	48.31 2.67 -12.35
NORTHPORT___3 23553	21.50 1.44 0.00	22.77 1.55 -1.06	22.69 1.69 0.00	22.50 1.60 0.00	22.47 1.51 0.00	24.27 1.62 0.00	27.01 1.86 0.00	29.11 1.92 0.00	33.40 1.99 0.00	33.95 2.00 0.00	42.74 3.72 -1.94	50.22 4.07 -5.35	51.19 4.32 0.25	47.45 4.91 5.30	60.31 4.98 -5.50	78.36 4.13 -35.82	114.34 8.58 -22.09	322.13 29.07 -2.86	380.24 33.62 -1.15	54.97 1.84 -32.56	86.27 2.03 -59.71	51.41 2.39 -20.54	53.97 2.03 -27.53	48.28 2.63 -12.35
NORTHPORT___4 23650	21.50 1.44 0.00	22.77 1.55 -1.06	22.69 1.69 0.00	22.50 1.60 0.00	22.47 1.51 0.00	24.27 1.62 0.00	27.01 1.86 0.00	29.11 1.92 0.00	33.40 1.99 0.00	33.95 2.00 0.00	42.74 3.72 -1.94	50.22 4.07 -5.35	51.19 4.32 0.25	47.45 4.91 5.30	60.31 4.98 -5.50	78.36 4.13 -35.82	114.34 8.58 -22.09	322.13 29.07 -2.86	380.24 33.62 -1.15	54.97 1.84 -32.56	86.27 2.03 -59.71	51.41 2.39 -20.54	53.97 2.03 -27.53	48.28 2.63 -12.35
NORTHPORT___IC 23718	21.52 1.46 0.00	22.77 1.56 -1.06	22.69 1.69 0.00	22.51 1.60 0.00	22.50 1.54 0.00	24.29 1.63 0.00	27.04 1.90 0.00	29.12 1.94 0.00	33.46 2.04 0.00	33.98 2.03 0.01	42.64 3.61 -1.94	52.65 3.74 -8.10	51.07 4.07 0.12	55.14 4.49 -2.80	60.42 4.88 -5.71	76.77 4.00 -34.36	112.64 8.57 -20.40	321.04 29.20 -1.65	379.52 33.64 -0.42	54.77 1.83 -32.37	86.25 2.01 -59.72	51.49 2.46 -20.55	54.04 2.10 -27.53	48.31 2.67 -12.35
NORTH___COUNTRY_ESR 323785	19.76 -0.30 0.00	19.92 -0.24 0.00	13.86 -0.32 6.82	3.35 -0.29 17.26	2.02 -0.24 18.70	9.63 -0.43 12.59	23.07 -0.39 1.68	26.91 -0.27 0.00	31.00 -0.42 0.00	28.91 -1.01 2.03	35.24 -1.85 0.00	37.65 -2.92 0.24	44.09 -3.02 0.01	44.78 -3.06 0.00	46.78 -3.06 0.00	26.44 -2.34 9.63	77.70 -4.52 1.45	270.00 -15.02 5.17	328.95 -16.52 0.00	19.76 -0.81 0.00	19.35 -0.92 4.26	27.23 -1.25 0.00	23.65 -0.76 0.00	32.63 -0.66 0.00
NPX_GEN_1385_PROXY 323591	21.51 1.44 0.00	22.85 1.64 -1.06	22.53 1.53 0.00	22.51 1.61 0.00	22.85 1.89 0.00	24.51 1.85 0.00	27.32 2.18 0.00	28.92 1.74 0.00	32.58 1.65 0.48	34.25 2.30 0.01	43.04 4.00 -1.95	53.50 4.59 -8.10	52.84 5.07 -0.65	57.53 5.59 -4.10	71.69 6.42 -15.44	90.76 4.97 -47.38	213.92 11.06 -119.18	357.67 37.75 -29.73	475.90 43.96 -86.48	115.88 2.42 -92.89	103.57 2.59 -76.44	60.93 3.28 -29.17	56.82 2.60 -29.80	57.91 2.82 -21.80
NPX_GEN_CSC 323557	21.82 1.75 0.00	22.94 1.72 -1.06	22.81 1.81 0.00	22.59 1.68 0.00	22.54 1.58 0.00	24.34 1.69 0.00	27.21 2.06 0.00	29.49 2.31 0.00	33.45 2.51 0.48	34.44 2.49 0.00	71.75 4.38 -30.28	82.42 4.70 -36.92	67.08 5.14 -14.83	323.46 5.80 -269.82	166.68 6.12 -110.73	295.42 4.90 -252.12	306.46 10.47 -212.31	453.30 36.12 -127.00	462.17 41.48 -75.21	253.38 2.28 -230.53	167.19 2.58 -140.08	62.94 3.05 -31.42	58.20 2.56 -31.23	60.06 3.21 -23.56
NSINS_S_GLNS_FALLS 23858	21.24 1.18 0.00	21.33 1.17 0.00	22.17 1.16 0.00	22.14 1.23 0.00	22.19 1.23 0.00	24.08 1.43 0.00	26.74 1.60 0.00	28.88 1.70 0.00	33.31 1.89 0.00	33.87 1.92 0.00	39.15 2.07 0.00	43.16 2.36 0.00	50.12 3.01 0.00	51.24 3.40 0.00	53.52 3.69 0.00	41.34 2.93 0.00	90.35 6.68 0.00	314.32 24.13 0.00	395.97 32.24 -18.27	41.35 1.89 -18.89	617.26 2.33 -590.40	243.76 2.48 -212.81	48.59 2.38 -21.81	38.82 2.98 -2.54
NUCOR_STEEL___DRP 24197	20.22 0.15 0.00	20.33 0.17 0.00	20.27 0.14 0.87	18.86 0.15 2.20	18.75 0.17 2.38	21.30 0.25 1.60	25.28 0.35 0.21	28.33 0.56 -0.58	33.44 0.79 -1.23	32.53 0.70 0.12	38.50 0.99 -0.42	44.54 1.19 -2.55	52.59 1.58 -3.91	53.18 1.56 -3.78	52.62 1.24 -1.55	41.60 0.74 -2.45	88.24 1.75 -2.82	299.83 6.64 -3.01	355.02 6.88 -2.67	20.81 0.24 0.00	25.10 0.29 -0.28	30.83 0.27 -2.08	24.85 0.25 -0.19	34.33 0.32 -0.72
NUMBER_THREE_WT_PWR 323818	19.73 -0.33 0.00	19.93 -0.22 0.00	7.67 -0.49 12.84	-12.10 -0.54 32.47	-14.74 -0.53 35.18	-1.42 -0.40 23.68	21.80 -0.19 3.15	27.45 0.01 -0.26	32.05 0.08 -0.55	28.23 0.04 3.76	37.43 0.16 -0.19	41.45 -0.05 -0.69	48.42 -0.41 -1.72	49.16 -0.35 -1.68	50.06 -0.47 -0.69	37.07 -0.42 0.91	84.45 -0.17 -0.95	290.80 0.35 -0.26	351.88 5.23 -1.18	20.86 0.29 0.00	-20.21 -0.22 44.52	28.94 0.14 -0.32	24.69 0.22 -0.06	33.92 0.31 -0.32
NYISO_LBMP_REFERENCE 24008	20.06 0.00 0.00	20.16 0.00 0.00	21.00 0.00 0.00	20.91 0.00 0.00	20.96 0.00 0.00	22.65 0.00 0.00	25.14 0.00 0.00	27.18 0.00 0.00	31.42 0.00 0.00	31.95 0.00 0.00	37.09 0.00 0.00	40.80 0.00 0.00	47.11 0.00 0.00	47.84 0.00 0.00	49.83 0.00 0.00	38.41 0.00 0.00	83.68 0.00 0.00	290.19 0.00 0.00	345.47 0.00 0.00	20.57 0.00 0.00	24.53 0.00 0.00	28.48 0.00 0.00	24.41 0.00 0.00	33.29 0.00 0.00
NYPA_BRENTWD____GT 24164	21.93 1.87 0.00	23.12 1.90 -1.06	23.02 2.01 0.00	22.81 1.90 0.00	22.79 1.83 0.00	24.62 1.97 0.00	27.46 2.31 0.00	29.68 2.50 0.00	34.17 2.75 0.00	34.74 2.79 0.00	50.24 4.34 -8.81	59.03 4.41 -13.81	55.68 4.90 -3.67	119.84 5.34 -66.65	90.92 5.73 -35.35	141.16 4.66 -98.09	178.23 10.05 -84.50	381.09 34.58 -56.31	425.97 40.21 -40.29	138.05 2.21 -115.27	118.90 2.47 -91.90	62.85 2.96 -31.42	58.25 2.62 -31.23	50.76 3.35 -14.11

NYPA_GOWANUS____GT5 24156	21.91	21.91	22.80	22.56	22.51	24.36	27.13	29.57	34.29	35.11	41.24	44.78	51.41	52.62	54.98	42.64	92.66	320.40	425.43	158.27	159.45	84.82	97.33	50.62
	1.82	1.75	1.79	1.65	1.55	1.71	1.98	2.39	2.87	3.16	4.02	3.98	4.30	4.78	5.14	4.23	8.99	30.21	35.70	1.84	2.17	2.65	2.40	3.28
	-0.03	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-44.26	-135.85	-132.75	-53.70	-70.52	-14.05
NYPA_GOWANUS____GT6 24157	21.91	21.91	22.80	22.56	22.51	24.36	27.13	29.57	34.29	35.11	41.24	44.78	51.41	52.62	54.98	42.64	92.66	320.40	425.43	158.27	159.45	84.82	97.33	50.62
	1.82	1.75	1.79	1.65	1.55	1.71	1.98	2.39	2.87	3.16	4.02	3.98	4.30	4.78	5.14	4.23	8.99	30.21	35.70	1.84	2.17	2.65	2.40	3.28
	-0.03	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-44.26	-135.85	-132.75	-53.70	-70.52	-14.05
NYPA_HARLEM__RVR__GT1 24160	21.84	21.90	22.82	22.58	22.55	24.40	26.97	29.38	34.07	34.78	40.90	44.48	51.14	52.46	54.84	42.55	92.53	319.75	402.26	104.99	105.63	62.43	57.86	50.45
	1.77	1.73	1.81	1.67	1.59	1.75	1.83	2.20	2.65	2.83	3.68	3.67	4.03	4.62	5.00	4.14	8.85	29.55	34.87	1.82	2.13	2.58	2.33	3.11
	-0.01	-0.01	-0.02	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	0.00	0.00	0.00	-0.01	0.00	0.00	-0.01	-21.91	-82.59	-78.97	-31.38	-31.12	-14.05
NYPA_HARLEM__RVR__GT2 24161	21.84	21.90	22.82	22.58	22.55	24.40	26.97	29.38	34.07	34.78	40.90	44.48	51.14	52.46	54.84	42.55	92.53	319.75	402.26	104.99	105.63	62.43	57.86	50.45
	1.77	1.73	1.81	1.67	1.59	1.75	1.83	2.20	2.65	2.83	3.68	3.67	4.03	4.62	5.00	4.14	8.85	29.55	34.87	1.82	2.13	2.58	2.33	3.11
	-0.01	-0.01	-0.02	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	0.00	0.00	0.00	-0.01	0.00	0.00	-0.01	-21.91	-82.59	-78.97	-31.38	-31.12	-14.05
NYPA_KENT____GT 24152	21.88	21.87	22.76	22.52	22.47	24.32	27.08	29.53	34.22	35.02	41.13	44.69	51.30	52.50	54.84	42.56	92.48	319.70	410.85	118.89	123.41	71.10	80.54	50.54
	1.80	1.70	1.76	1.61	1.51	1.67	1.94	2.35	2.80	3.07	3.91	3.88	4.18	4.66	5.01	4.15	8.81	29.51	34.78	1.81	2.11	2.57	2.33	3.21
	-0.02	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-30.60	-96.51	-96.76	-40.06	-53.80	-14.05
NYPA_POUCH1____GT 24155	21.85	21.87	22.75	22.52	22.47	24.32	27.08	29.51	34.24	35.05	41.16	44.63	51.25	52.47	54.84	42.57	92.50	319.81	424.74	158.23	159.41	84.78	97.28	50.56
	1.76	1.70	1.75	1.61	1.51	1.67	1.93	2.33	2.82	3.10	3.95	3.83	4.13	4.62	5.01	4.16	8.83	29.62	35.01	1.81	2.12	2.61	2.35	3.22
	-0.03	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-44.26	-135.85	-132.75	-53.70	-70.52	-14.05
NYPA_VERNON____GT2 24162	21.85	21.83	22.72	22.48	22.43	24.28	27.04	29.49	34.17	34.96	41.05	44.62	51.22	52.42	54.74	42.51	92.39	319.28	396.58	79.52	87.40	57.42	63.77	50.49
	1.78	1.66	1.72	1.57	1.47	1.62	1.89	2.30	2.75	3.01	3.83	3.82	4.10	4.58	4.91	4.10	8.71	29.09	34.17	1.78	2.09	2.53	2.28	3.15
	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-16.94	-57.17	-60.77	-26.42	-37.07	-14.05
NYPA_VERNON____GT3 24163	21.85	21.83	22.72	22.48	22.43	24.28	27.04	29.49	34.17	34.96	41.05	44.62	51.22	52.42	54.74	42.51	92.39	319.28	396.58	79.52	87.40	57.42	63.77	50.49
	1.78	1.66	1.72	1.57	1.47	1.62	1.89	2.30	2.75	3.01	3.83	3.82	4.10	4.58	4.91	4.10	8.71	29.09	34.17	1.78	2.09	2.53	2.28	3.15
	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-16.94	-57.17	-60.77	-26.42	-37.07	-14.05
NYPA____ASTORIA_CC1 323568	21.80	21.80	22.69	22.44	22.40	24.25	26.98	29.42	34.10	34.85	40.94	44.51	51.08	52.29	54.62	42.42	92.16	318.41	388.63	56.74	67.56	50.25	57.75	50.42
	1.73	1.63	1.68	1.54	1.44	1.60	1.84	2.24	2.68	2.90	3.72	3.70	3.97	4.46	4.79	4.02	8.49	28.22	33.33	1.74	2.03	2.46	2.22	3.08
	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-9.83	-34.43	-41.00	-19.31	-31.12	-14.05
NYPA____ASTORIA_CC2 323569	21.80	21.80	22.69	22.44	22.40	24.25	26.98	29.42	34.10	34.85	40.94	44.51	51.08	52.29	54.62	42.42	92.16	318.41	388.63	56.74	67.56	50.25	57.75	50.42
	1.73	1.63	1.68	1.54	1.44	1.60	1.84	2.24	2.68	2.90	3.72	3.70	3.97	4.46	4.79	4.02	8.49	28.22	33.33	1.74	2.03	2.46	2.22	3.08
	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-9.83	-34.43	-41.00	-19.31	-31.12	-14.05
NYPA____HOLTSVILL 23794	21.80	22.97	22.86	22.65	22.62	24.43	27.25	29.49	33.94	34.47	71.96	81.90	65.91	321.42	164.66	295.77	302.80	449.32	458.78	250.62	165.97	62.83	58.13	50.59
	1.74	1.76	1.85	1.74	1.66	1.78	2.11	2.30	2.52	2.52	4.31	4.55	4.98	5.47	5.82	4.68	9.92	33.88	38.98	2.17	2.46	2.94	2.49	3.19
	0.00	-1.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-30.56	-36.54	-13.82	-268.11	-109.01	-252.69	-209.21	-125.25	-74.33	-227.88	-138.98	-31.42	-31.23	-14.11
NYPA____HELLGATE_GT1 24158	21.84	21.89	22.81	22.57	22.55	24.40	26.97	29.38	34.05	34.78	40.90	44.48	51.14	52.46	54.84	42.55	92.53	319.75	402.30	104.99	105.63	62.43	57.86	50.45
	1.77	1.73	1.81	1.67	1.59	1.75	1.83	2.20	2.63	2.83	3.68	3.67	4.03	4.62	5.00	4.14	8.85	29.55	34.92	1.82	2.13	2.58	2.33	3.11
	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	0.00	0.00	0.00	-0.01	0.00	0.00	-0.01	-21.91	-82.59	-78.97	-31.38	-31.12	-14.05
NYPA____HELLGATE_GT2 24159	21.84	21.89	22.81	22.57	22.55	24.40	26.97	29.38	34.05	34.78	40.90	44.48	51.14	52.46	54.84	42.55	92.53	319.75	402.30	104.99	105.63	62.43	57.86	50.45
	1.77	1.73	1.81	1.67	1.59	1.75	1.83	2.20	2.63	2.83	3.68	3.67	4.03	4.62	5.00	4.14	8.85	29.55	34.92	1.82	2.13	2.58	2.33	3.11
	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	0.00	0.00	0.00	-0.01	0.00	0.00	-0.01	-21.91	-82.59	-78.97	-31.38	-31.12	-14.05
NYS_BARGE____HYD 23848	18.87	19.21	20.01	19.94	20.08	21.98	24.41	26.88	31.61	32.17	37.30	41.58	48.08	47.64	49.20	37.69	84.44	266.84	322.34	19.27	24.17	24.72	23.44	31.57
	-1.19	-0.95	-1.00	-0.96	-0.89	-0.67	-0.73	-0.30	0.19	0.22	0.21	0.77	0.97	-0.20	-0.63	-1.96	-5.19	-17.16	-23.57	-1.35	-1.13	-1.33	-1.39	-1.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.25	-5.96	6.19	-0.45	-0.05	-0.76	2.43	-0.43	0.00
OAK ORCHARD____HYD 24046	19.69	19.90	20.71	20.63	20.72	22.59	25.09	27.47	32.15	32.76	38.11	42.37	49.07	49.22	51.01	38.73	84.32	288.81	340.42	20.29	24.40	26.60	24.03	32.88
	-0.37	-0.26	-0.29	-0.28	-0.24	-0.06	-0.06	0.28	0.73	0.81	1.03	1.57	1.96	1.38	1.17	0.16	-0.23	-1.58	-5.05	-0.28	-0.13	-0.19	-0.32	-0.41
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	-0.87	-0.21	0.00	0.00	0.00	1.68	0.06	0.00

OAKDALE___35_KV_LOAD 356122	20.17 0.10 0.00	20.27 0.11 0.00	21.12 0.12 0.00	21.03 0.12 0.00	21.08 0.11 0.00	22.89 0.24 0.00	25.44 0.30 0.00	27.95 0.53 -0.24	32.71 0.79 -0.50	32.90 0.89 -0.06	38.40 1.15 -0.17	43.29 1.44 -1.04	50.25 1.56 -1.58	50.82 1.45 -1.53	51.98 1.51 -0.63	40.32 0.92 -0.99	86.63 1.81 -1.14	298.24 6.84 -1.22	355.37 7.71 -2.19	21.04 0.22 -0.25	48.85 0.33 -23.98	36.05 0.24 -7.33	25.90 0.19 -1.31	33.89 0.30 -0.29
OCC_CHEM___DRP 24175	18.49 -1.57 0.00	18.84 -1.32 0.00	19.63 -1.37 0.00	19.57 -1.34 0.00	19.71 -1.25 0.00	21.57 -1.08 0.00	23.93 -1.21 0.00	26.31 -0.87 0.00	30.94 -0.48 0.00	31.51 -0.44 0.00	36.54 -0.55 0.00	40.74 -0.06 0.00	47.09 -0.02 0.00	46.51 -1.33 0.00	48.11 -1.73 0.00	35.56 -2.85 0.00	75.66 -7.05 0.97	259.14 -22.53 8.51	316.09 -29.84 -0.46	18.83 -1.79 -0.05	23.64 -1.68 -0.79	24.01 -1.76 2.71	22.93 -1.92 -0.44	30.86 -2.43 0.00
OH_GEN_PROXY 24063	18.77 -1.30 0.00	19.10 -1.06 0.00	19.92 -1.08 0.00	19.85 -1.05 0.00	19.97 -0.99 0.00	21.85 -0.80 0.00	24.24 -0.90 0.00	26.64 -0.54 0.00	30.82 -0.12 0.48	31.88 -0.07 0.00	36.98 -0.10 0.00	41.24 0.43 0.00	48.43 0.55 -0.77	47.25 -0.59 0.00	93.80 -0.96 -44.92	31.77 -2.11 4.53	76.55 -5.34 1.79	264.88 -17.77 7.54	321.87 -24.05 -0.46	19.22 -1.40 -0.05	24.06 -1.25 -0.77	24.31 -1.53 2.63	23.34 -1.51 -0.43	40.87 -1.87 -9.45
OLIN_CORP_DRP 24177	18.66 -1.40 0.00	19.00 -1.15 0.00	19.80 -1.20 0.00	19.73 -1.17 0.00	19.88 -1.08 0.00	21.76 -0.89 0.00	24.15 -1.00 0.00	26.55 -0.63 0.00	31.24 -0.18 0.00	31.81 -0.15 0.00	36.89 -0.20 0.00	41.14 0.34 0.00	47.55 0.44 0.00	47.03 -0.81 0.00	48.64 -1.20 0.00	36.30 -2.45 -0.34	78.35 -6.23 -0.90	261.74 -20.22 8.23	319.52 -26.41 -0.47	19.03 -1.59 -0.05	23.90 -1.43 -0.79	24.15 -1.61 2.72	23.18 -1.68 -0.44	31.18 -2.11 0.00
OLIN_CORP_DSASP 323712	18.49 -1.57 0.00	18.84 -1.32 0.00	19.64 -1.36 0.00	19.58 -1.33 0.00	19.72 -1.25 0.00	21.58 -1.07 0.00	23.93 -1.21 0.00	26.31 -0.87 0.00	30.95 -0.47 0.00	31.50 -0.45 0.00	36.55 -0.54 0.00	40.75 -0.06 0.00	47.10 -0.01 0.00	46.54 -1.30 0.00	48.10 -1.74 0.00	35.58 -2.83 0.00	75.69 -7.02 0.97	259.10 -22.58 8.51	315.42 -30.50 -0.46	18.87 -1.75 -0.05	23.66 -1.65 -0.79	23.96 -1.81 2.71	22.94 -1.91 -0.44	30.87 -2.42 0.00
ONEIDA_HERK_LFGE 323681	20.30 0.24 0.00	20.42 0.26 0.00	15.27 0.14 5.87	6.17 0.12 14.86	4.99 0.13 16.10	12.05 0.24 10.84	24.10 0.40 1.44	27.93 0.61 -0.14	32.47 0.75 -0.30	30.99 0.76 1.72	38.04 0.86 -0.10	42.10 0.88 -0.42	48.91 0.86 -0.94	49.70 0.95 -0.92	51.16 0.95 -0.37	39.10 0.71 0.01	86.20 1.94 -0.59	298.06 7.47 -0.40	358.05 11.94 -0.64	21.20 0.64 0.00	40.93 0.51 -15.88	29.36 0.70 -0.18	25.09 0.65 -0.04	34.30 0.84 -0.17
ONEIDA___115KV_TB4 55905	20.67 0.60 0.00	20.73 0.57 0.00	19.06 0.53 2.47	15.18 0.52 6.24	14.73 0.53 6.76	18.77 0.67 4.55	25.38 0.84 0.61	28.46 1.09 -0.19	33.14 1.31 -0.41	32.56 1.29 0.69	38.50 1.27 -0.14	42.98 1.41 -0.77	49.98 1.58 -1.29	50.76 1.67 -1.25	52.09 1.74 -0.51	40.57 1.35 -0.81	87.78 3.17 -0.93	303.21 12.03 -1.00	363.04 16.69 -0.88	21.37 0.80 0.00	30.80 0.85 -5.42	29.70 0.98 -0.24	25.41 0.96 -0.05	34.77 1.24 -0.24
ONONDAGA_REF_OCCRA 23987	20.05 -0.01 0.00	20.14 -0.02 0.00	19.84 -0.06 1.10	18.06 -0.06 2.78	17.90 -0.05 3.01	20.62 0.00 2.03	24.90 0.03 0.27	27.80 0.18 -0.44	32.68 0.33 -0.93	32.20 0.47 0.22	38.02 0.61 -0.32	43.65 0.94 -1.90	51.20 1.14 -2.94	51.77 1.08 -2.85	52.05 1.04 -1.17	40.99 0.73 -1.85	87.39 1.59 -2.13	297.98 5.53 -2.27	353.35 5.87 -2.01	20.77 0.20 0.00	24.94 0.21 -0.21	29.19 0.16 -0.55	24.59 0.07 -0.11	33.88 0.04 -0.54
ONONDAGA___COGEN 23986	20.06 0.00 0.00	20.15 -0.01 0.00	19.92 -0.05 1.03	18.23 -0.05 2.62	18.09 -0.03 2.84	20.76 0.02 1.91	24.94 0.05 0.25	28.03 0.20 -0.65	33.14 0.35 -1.38	32.26 0.46 0.15	38.15 0.59 -0.47	44.53 0.88 -2.85	52.58 1.09 -4.37	53.10 1.04 -4.23	52.50 0.93 -1.74	41.80 0.64 -2.74	88.26 1.43 -3.16	298.54 4.99 -3.37	353.65 5.20 -2.99	20.75 0.18 0.00	25.02 0.18 -0.31	29.42 0.13 -0.82	24.64 0.07 -0.16	34.14 0.04 -0.81
ONTARIO___LFGE 23819	20.02 -0.04 0.00	20.16 0.00 0.00	20.98 -0.02 0.00	20.91 0.01 0.00	21.03 0.06 0.00	22.94 0.29 0.00	25.51 0.36 0.00	28.09 0.69 -0.21	32.94 1.07 -0.45	33.13 1.12 -0.05	38.63 1.39 -0.16	43.68 1.92 -0.96	50.84 2.28 -1.45	51.16 1.92 -1.40	52.28 1.87 -0.57	40.26 0.94 -0.91	87.33 1.85 -1.80	304.30 6.42 -7.69	351.05 4.60 -0.99	20.68 0.11 0.00	24.81 0.18 -0.10	25.57 0.03 2.94	24.30 -0.04 0.07	33.43 -0.12 -0.27
ORANGEVILLE_WT_PWR 323706	19.09 -0.97 0.00	19.38 -0.78 0.00	20.20 -0.80 0.00	20.20 -0.71 0.00	20.37 -0.59 0.00	22.37 -0.28 0.00	24.82 -0.32 0.00	27.24 0.06 0.00	31.95 0.53 0.00	32.56 0.61 0.00	37.95 0.86 0.00	42.22 1.41 0.00	48.81 1.70 0.00	48.67 0.83 0.00	50.34 0.50 0.00	36.94 -1.13 0.34	73.76 -3.88 6.04	240.32 -13.04 36.82	328.28 -17.75 -0.57	19.40 -1.23 -0.06	24.34 -1.16 -0.97	22.82 -1.46 4.19	23.56 -1.37 -0.51	31.76 -1.53 0.00
ORANGEVILLE___ESR 323794	19.09 -0.97 0.00	19.38 -0.78 0.00	20.20 -0.80 0.00	20.20 -0.71 0.00	20.37 -0.59 0.00	22.37 -0.28 0.00	24.82 -0.32 0.00	27.24 0.06 0.00	31.95 0.53 0.00	32.56 0.61 0.00	37.95 0.86 0.00	42.22 1.41 0.00	48.81 1.70 0.00	48.67 0.83 0.00	50.34 0.50 0.00	36.94 -1.13 0.34	73.76 -3.88 6.04	240.32 -13.04 36.82	328.28 -17.75 -0.57	19.40 -1.23 -0.06	24.34 -1.16 -0.97	22.82 -1.46 4.19	23.56 -1.37 -0.51	31.76 -1.53 0.00
OSWEGATCHIE___HYD 24044	19.23 -0.84 0.00	19.40 -0.76 0.00	-9.49 -0.96 29.53	-54.78 -0.99 74.69	-60.95 -0.98 80.93	-32.81 -0.99 54.48	16.95 -0.94 7.25	26.49 -0.91 -0.21	30.89 -0.99 -0.46	22.09 -1.11 8.75	36.05 -1.19 -0.16	39.21 -1.52 0.08	46.49 -2.04 -1.42	47.12 -2.12 -1.40	48.18 -2.23 -0.57	32.29 -1.85 4.27	80.47 -3.48 -0.27	277.23 -11.29 1.67	337.17 -9.28 -0.99	20.06 -0.51 0.00	-0.15 -0.97 23.71	27.87 -0.88 -0.27	23.78 -0.69 -0.05	32.68 -0.88 -0.27
OSWEGO___5 23606	19.66 -0.40 0.00	19.76 -0.40 0.00	20.56 -0.45 0.00	20.46 -0.45 0.00	20.53 -0.44 0.00	22.21 -0.44 0.00	24.67 -0.47 0.00	29.50 -0.42 -2.74	36.79 -0.40 -5.77	32.19 -0.41 -0.64	38.65 -0.41 -1.98	52.59 -0.28 -12.07	65.12 -0.30 -18.30	65.15 -0.39 -17.70	56.55 -0.55 -7.27	49.42 -0.47 -11.48	95.84 -1.05 -13.22	300.80 -3.47 -14.09	353.32 -4.65 -12.50	20.24 -0.33 0.00	25.42 -0.41 -1.29	31.38 -0.51 -3.42	24.61 -0.47 -0.67	36.00 -0.67 -3.39
OSWEGO___6 23613	19.66 -0.40 0.00	19.76 -0.40 0.00	20.56 -0.45 0.00	20.46 -0.45 0.00	20.53 -0.44 0.00	22.21 -0.44 0.00	24.67 -0.47 0.00	29.50 -0.42 -2.74	36.79 -0.40 -5.77	32.19 -0.41 -0.64	38.65 -0.41 -1.98	52.59 -0.28 -12.07	65.12 -0.30 -18.30	65.15 -0.39 -17.70	56.55 -0.55 -7.27	49.42 -0.47 -11.48	95.84 -1.05 -13.22	300.80 -3.47 -14.09	353.32 -4.65 -12.50	20.24 -0.33 0.00	25.42 -0.41 -1.29	31.38 -0.51 -3.42	24.61 -0.47 -0.67	36.00 -0.67 -3.39

OUTOKUMPU-AB___DRP 24206	19.03 -1.03 0.00	19.37 -0.79 0.00	20.16 -0.84 0.00	20.09 -0.82 0.00	20.23 -0.73 0.00	22.17 -0.48 0.00	24.61 -0.53 0.00	27.11 -0.07 0.00	31.84 0.42 0.00	32.40 0.45 0.00	37.61 0.52 0.00	41.95 1.14 0.00	48.53 1.41 0.00	47.98 0.14 0.00	49.62 -0.21 0.00	37.07 -1.72 -0.38	80.02 -4.69 -1.04	266.80 -14.79 8.60	325.72 -20.22 -0.47	19.36 -1.27 -0.05	24.34 -1.00 -0.80	24.58 -1.13 2.77	23.57 -1.29 -0.45	31.79 -1.51 0.00
OXBOW___BTM 323836	18.74 -1.33 0.00	19.08 -1.08 0.00	19.87 -1.13 0.00	19.81 -1.10 0.00	19.95 -1.02 0.00	21.84 -0.81 0.00	24.24 -0.91 0.00	26.69 -0.50 0.00	31.36 -0.06 0.00	31.93 -0.03 0.00	37.05 -0.04 0.00	41.32 0.51 0.00	47.79 0.67 0.00	47.17 -0.67 0.00	48.74 -1.09 0.00	36.25 -2.36 -0.20	77.69 -6.08 -0.10	262.12 -19.52 8.55	319.33 -26.60 -0.47	19.08 -1.54 -0.05	23.97 -1.36 -0.79	24.22 -1.52 2.74	23.23 -1.62 -0.44	31.30 -2.00 0.00
OXBOW___ 24026	18.74 -1.32 0.00	19.08 -1.08 0.00	19.87 -1.13 0.00	19.80 -1.11 0.00	19.94 -1.02 0.00	21.84 -0.81 0.00	24.24 -0.90 0.00	26.68 -0.50 0.00	31.36 -0.06 0.00	31.93 -0.02 0.00	37.05 -0.04 0.00	41.32 0.51 0.00	47.78 0.67 0.00	47.14 -0.70 0.00	48.76 -1.08 0.00	36.23 -2.38 -0.20	77.68 -6.10 -0.10	262.17 -19.46 8.55	319.95 -25.99 -0.47	19.04 -1.58 -0.05	23.94 -1.39 -0.79	24.27 -1.47 2.74	23.22 -1.63 -0.44	31.28 -2.02 0.00
OXY_CHEM_DSASP 323612	18.49 -1.57 0.00	18.84 -1.32 0.00	19.63 -1.37 0.00	19.57 -1.34 0.00	19.71 -1.25 0.00	21.57 -1.08 0.00	23.93 -1.21 0.00	26.31 -0.87 0.00	30.94 -0.48 0.00	31.51 -0.44 0.00	36.54 -0.55 0.00	40.74 -0.06 0.00	47.09 -0.02 0.00	46.51 -1.33 0.00	48.11 -1.73 0.00	35.56 -2.85 0.00	75.66 -7.05 0.97	259.14 -22.53 8.51	316.09 -29.84 -0.46	18.83 -1.79 -0.05	23.64 -1.68 -0.79	24.01 -1.76 2.71	22.93 -1.92 -0.44	30.86 -2.43 0.00
OZONE_PARK_ESR 323760	22.01 1.95 0.00	22.02 1.86 0.00	22.92 1.92 0.00	22.67 1.77 0.00	22.62 1.66 0.00	24.48 1.83 0.00	27.30 2.15 0.00	29.79 2.61 0.00	34.58 3.16 0.00	35.45 3.50 0.00	41.62 4.40 -0.13	45.35 4.54 0.00	52.14 5.03 0.00	53.39 5.55 0.00	55.75 5.92 0.00	43.24 4.84 0.00	94.08 10.40 0.00	325.73 35.54 0.00	408.94 41.57 -21.91	105.43 2.27 -82.60	106.17 2.68 -78.96	62.99 3.14 -31.38	58.28 2.75 -31.12	51.06 3.72 -14.05
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	18.49 -1.57 0.00	18.84 -1.32 0.00	19.63 -1.37 0.00	19.57 -1.34 0.00	19.71 -1.25 0.00	21.57 -1.08 0.00	23.93 -1.21 0.00	26.31 -0.87 0.00	30.94 -0.48 0.00	31.51 -0.44 0.00	36.54 -0.55 0.00	40.74 -0.06 0.00	47.09 -0.02 0.00	46.51 -1.33 0.00	48.11 -1.73 0.00	35.56 -2.85 0.00	75.66 -7.05 0.97	259.14 -22.53 8.51	316.09 -29.84 -0.46	18.83 -1.79 -0.05	23.64 -1.68 -0.79	24.01 -1.76 2.71	22.93 -1.92 -0.44	30.86 -2.43 0.00
PACKARD___115KV_DUPONT_184 80571	18.49 -1.57 0.00	18.84 -1.32 0.00	19.63 -1.37 0.00	19.57 -1.34 0.00	19.71 -1.25 0.00	21.57 -1.08 0.00	23.93 -1.21 0.00	26.31 -0.87 0.00	30.94 -0.48 0.00	31.51 -0.44 0.00	36.54 -0.55 0.00	40.74 -0.06 0.00	47.09 -0.02 0.00	46.51 -1.33 0.00	48.11 -1.73 0.00	35.56 -2.85 0.00	75.66 -7.05 0.97	259.14 -22.53 8.51	316.09 -29.84 -0.46	18.83 -1.79 -0.05	23.64 -1.68 -0.79	24.01 -1.76 2.71	22.93 -1.92 -0.44	30.86 -2.43 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	21.76 1.69 -0.01	21.82 1.65 -0.01	22.73 1.73 0.00	22.50 1.60 0.00	22.48 1.52 0.00	24.34 1.68 0.00	26.97 1.82 0.00	29.36 2.18 0.00	34.05 2.63 0.00	34.75 2.80 0.00	40.87 3.65 -0.13	44.46 3.66 0.00	51.15 4.03 0.00	52.45 4.61 0.00	54.81 4.97 -0.01	42.51 4.10 0.00	92.39 8.71 0.00	319.50 29.30 -0.01	401.89 34.51 -21.91	104.98 1.82 -82.59	105.62 2.11 -78.97	62.41 2.55 -31.38	57.83 2.30 -31.12	50.40 3.06 -14.05
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	21.93 1.87 -0.01	22.01 1.84 -0.01	22.95 1.94 0.00	22.70 1.80 0.00	22.69 1.73 0.00	24.63 1.98 0.00	27.30 2.16 0.00	29.73 2.54 0.00	34.44 3.02 0.00	35.15 3.20 0.00	41.30 4.09 -0.13	44.93 4.13 0.00	51.77 4.65 0.00	53.20 5.36 0.00	55.57 5.73 -0.01	43.15 4.75 0.00	93.70 10.03 0.00	324.43 34.24 -0.01	407.95 40.57 -21.91	105.36 2.20 -82.59	106.04 2.54 -78.97	62.90 3.04 -31.38	58.21 2.67 -31.12	50.90 3.56 -14.05
PATROON___115KV_TB1 80586	20.70 0.64 0.00	20.80 0.63 0.00	21.64 0.64 0.00	21.55 0.65 0.00	21.61 0.65 0.00	23.35 0.69 0.00	25.92 0.78 0.00	28.05 0.86 0.00	32.33 0.91 0.00	32.90 0.94 0.00	38.26 1.17 0.00	41.98 1.18 0.00	48.56 1.45 0.00	49.64 1.81 0.00	51.83 1.99 0.00	40.06 1.66 0.00	87.33 3.65 0.00	302.43 12.25 0.00	374.94 14.77 -14.71	39.82 0.86 -18.39	417.97 1.06 -392.38	171.56 1.23 -141.86	43.08 1.04 -17.63	37.37 1.38 -2.71
PATTRSNVILLE___SOLAR 323815	21.00 0.93 0.00	21.07 0.91 0.00	21.92 0.92 0.00	21.81 0.90 0.00	21.87 0.90 0.00	23.67 1.02 0.00	26.26 1.12 0.00	28.41 1.23 0.00	32.86 1.44 0.00	33.39 1.44 0.00	38.69 1.60 0.00	42.37 1.57 0.00	48.63 1.51 0.00	49.53 1.69 0.00	51.79 1.95 0.00	40.07 1.66 0.00	87.34 3.67 0.00	303.90 13.71 0.00	383.34 19.45 -18.42	39.54 1.28 -17.69	645.39 1.55 -619.30	254.23 1.74 -224.00	47.77 1.45 -21.91	37.47 1.90 -2.28
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	19.33 -0.73 0.00	19.63 -0.53 0.00	20.43 -0.57 0.00	20.37 -0.53 0.00	20.49 -0.47 0.00	22.44 -0.21 0.00	24.93 -0.22 0.00	27.43 0.25 0.00	32.27 0.85 0.00	32.89 0.93 0.00	38.20 1.11 0.00	42.63 1.82 0.00	49.22 2.11 0.00	48.96 1.12 0.00	50.72 0.88 0.00	37.67 -0.74 0.00	80.16 -2.44 1.08	273.23 -7.44 9.51	334.66 -11.33 -0.52	19.79 -0.84 -0.06	24.93 -0.50 -0.89	24.46 -0.76 3.26	24.03 -0.87 -0.49	32.34 -0.96 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	21.68 1.62 0.00	21.70 1.54 0.00	22.57 1.56 0.00	22.36 1.46 0.00	22.34 1.38 0.00	24.18 1.53 0.00	26.95 1.81 0.00	29.36 2.17 0.00	34.02 2.60 0.00	34.81 2.86 0.00	40.79 3.71 0.00	44.78 3.98 0.00	51.62 4.50 0.00	52.90 5.06 0.00	55.26 5.42 0.00	42.77 4.37 0.00	92.91 9.23 0.00	321.95 31.76 0.00	399.12 37.66 -16.00	85.48 2.11 -62.80	100.60 2.44 -73.63	59.37 2.81 -28.09	45.13 2.37 -18.34	43.97 3.09 -7.58
PEEKSKILL___ 23653	21.45 1.39 0.00	21.49 1.33 0.00	22.38 1.38 0.00	22.16 1.25 0.00	22.13 1.17 0.00	23.94 1.29 0.00	26.69 1.55 0.00	29.07 1.88 0.00	33.69 2.27 0.00	34.49 2.54 0.00	40.38 3.29 0.00	44.22 3.41 0.00	50.89 3.78 0.00	52.10 4.26 0.00	54.38 4.55 0.00	42.12 3.71 0.00	91.67 7.99 0.00	317.48 27.30 0.00	401.63 32.24 -23.93	111.32 1.76 -88.99	107.29 2.04 -80.72	63.38 2.39 -32.51	65.71 2.06 -39.24	66.22 2.76 -30.16
PGE MADISON___WINDPWR 24146	21.73 1.67 0.00	21.76 1.60 0.00	22.60 1.60 0.00	22.46 1.55 0.00	22.63 1.67 0.00	24.64 2.00 0.00	27.51 2.36 0.00	30.23 2.79 -0.25	35.32 3.37 -0.54	35.32 3.30 -0.06	41.05 3.78 -0.18	46.25 4.33 -1.12	53.94 5.13 -1.70	54.43 4.95 -1.64	55.40 4.89 -0.67	43.08 3.60 -1.06	93.08 7.98 -1.42	323.95 30.77 -2.99	389.24 41.24 -2.53	22.60 1.68 -0.34	61.93 2.18 -35.22	48.89 2.54 -17.88	28.29 2.02 -1.86	36.10 2.49 -0.31

PIERCEFIELD___HYD 23852	19.10 -0.96 0.00	19.25 -0.91 0.00	-23.51 -0.99 43.53	-90.15 -0.98 110.08	-99.28 -0.98 119.27	-58.74 -1.10 80.28	13.22 -1.24 10.69	25.85 -1.44 -0.10	29.88 -1.77 -0.23	16.93 -2.08 12.94	34.58 -2.59 -0.08	36.67 -3.09 1.04	44.28 -3.51 -0.68	44.82 -3.73 -0.71	46.33 -3.80 -0.29	27.90 -3.16 7.35	76.49 -6.54 0.65	264.02 -22.54 3.63	321.46 -24.51 -0.50	19.32 -1.25 0.00	10.80 -1.51 12.22	26.99 -1.62 -0.14	23.06 -1.38 -0.03	31.65 -1.78 -0.13
PINELAWN_CC_1 323563	21.67 1.61 0.00	22.85 1.63 -1.06	22.72 1.72 0.00	22.52 1.62 0.00	22.48 1.52 0.00	24.30 1.65 0.00	27.09 1.95 0.00	29.33 2.14 0.00	33.77 2.35 0.00	34.34 2.39 0.00	45.13 3.74 -4.31	54.21 3.91 -9.49	53.28 4.39 -1.78	80.08 4.82 -27.42	76.68 5.22 -21.62	121.19 4.29 -78.49	164.14 9.27 -71.20	372.68 31.87 -50.62	420.77 36.99 -38.31	118.03 2.02 -95.43	109.90 2.24 -83.12	62.56 2.67 -31.42	57.89 2.26 -31.23	50.28 2.88 -14.11
PJM_GEN_HTTP_PROXY 323702	21.67 1.61 0.00	21.69 1.52 0.00	22.59 1.58 0.00	22.35 1.45 0.00	22.31 1.34 0.00	24.13 1.48 0.00	26.91 1.77 0.00	29.35 2.17 0.00	34.05 2.63 0.00	34.91 2.96 0.00	40.66 3.76 0.19	44.64 3.84 0.00	51.84 4.22 -0.51	52.56 4.71 0.00	59.52 5.03 -4.66	34.30 4.13 8.23	92.57 8.89 0.00	320.26 30.07 0.00	352.69 35.00 27.77	105.04 1.87 -82.60	105.70 2.20 -78.97	62.45 2.60 -31.38	57.82 2.28 -31.13	56.12 3.10 -19.73
PJM_GEN_KEystone 24065	20.33 0.27 0.00	20.46 0.30 0.00	21.33 0.33 0.00	21.20 0.29 0.00	21.19 0.23 0.00	23.03 0.38 0.00	24.75 0.49 0.88	28.87 0.85 -0.83	32.69 1.27 0.00	33.41 1.45 0.00	38.64 1.86 0.31	42.92 2.12 0.00	49.88 2.25 -0.51	50.05 2.21 0.00	56.75 2.31 -4.61	31.60 1.44 8.24	85.84 2.86 0.69	297.10 10.02 3.11	327.25 11.05 29.27	55.75 0.42 -34.76	74.67 0.62 -49.52	46.94 0.58 -17.89	7.16 0.48 17.73	33.54 0.79 0.53
PJM_GEN_NEPTUNE_PROXY 323594	21.64 1.58 0.00	22.55 1.58 -0.81	22.66 1.66 0.00	22.46 1.56 0.00	22.43 1.47 0.00	24.24 1.58 0.00	26.98 1.84 0.00	29.24 2.06 0.00	33.75 2.33 0.00	34.39 2.44 0.00	41.84 3.76 -0.99	48.76 3.95 -4.01	52.41 4.30 -0.99	57.52 4.83 -4.85	67.84 5.18 -12.83	57.16 4.21 -14.53	113.81 9.01 -21.12	341.52 30.64 -20.70	354.86 35.69 26.29	105.33 1.95 -82.82	105.75 2.18 -79.03	62.51 2.62 -31.42	57.89 2.26 -31.23	56.04 2.95 -19.79
PJM_GEN_VFT_PROXY 323633	21.63 1.57 0.00	21.64 1.47 0.00	22.53 1.53 0.00	22.29 1.38 0.00	22.23 1.28 0.00	24.05 1.40 0.00	26.82 1.68 0.00	29.25 2.07 0.00	33.96 2.54 0.00	34.81 2.86 0.00	40.52 3.62 0.19	44.44 3.64 0.00	51.56 3.93 -0.51	52.25 4.41 0.00	58.54 4.71 -3.99	33.89 3.90 8.42	85.36 8.41 6.72	301.96 28.34 16.56	326.62 33.14 51.99	43.99 1.75 -21.67	86.66 2.07 -60.06	49.17 2.45 -18.25	44.61 2.15 -18.06	53.43 2.94 -17.20
PLATSBURG_115KV_PMLD1 355749	20.19 0.12 0.00	20.34 0.18 0.00	17.33 0.08 3.75	11.55 0.13 9.49	10.88 0.19 10.28	15.76 0.03 6.92	24.40 0.17 0.92	27.64 0.46 0.00	31.70 0.28 0.00	30.17 -0.67 1.12	35.36 -1.73 0.00	37.07 -3.60 0.13	43.98 -3.13 0.00	44.78 -3.06 0.00	46.77 -3.07 0.00	26.18 -2.42 9.80	77.58 -4.61 1.48	269.72 -15.20 5.26	329.12 -16.34 0.00	19.72 -0.85 0.00	20.08 -0.95 3.50	27.21 -1.27 0.00	23.76 -0.65 0.00	33.10 -0.19 0.00
PLEASANTVLY___LBMP 24000	21.25 1.19 0.00	21.29 1.13 0.00	22.17 1.16 0.00	21.98 1.07 0.00	21.96 1.01 0.00	23.76 1.11 0.00	26.45 1.31 0.00	28.77 1.59 0.00	33.30 1.88 0.00	34.02 2.07 0.00	39.78 2.70 0.00	43.59 2.78 0.00	50.24 3.13 0.00	51.45 3.61 0.00	53.70 3.87 0.00	41.59 3.18 0.00	90.56 6.88 0.00	313.58 23.39 0.00	388.89 27.59 -15.83	86.10 1.53 -63.99	101.47 1.79 -75.15	59.00 2.10 -28.42	47.90 1.81 -21.68	44.57 2.41 -8.87
PLSNTVLE_13_KV_13.8KVDIST 80602	21.52 1.45 0.00	21.56 1.39 0.00	22.43 1.43 0.00	22.22 1.31 0.00	22.20 1.24 0.00	24.01 1.36 0.00	26.76 1.62 0.00	29.14 1.96 0.00	33.77 2.35 0.00	34.56 2.61 0.00	40.47 3.38 0.00	44.33 3.53 0.00	51.07 3.95 0.00	52.27 4.43 0.00	54.57 4.74 0.00	42.29 3.88 0.00	92.09 8.41 0.00	318.67 28.49 0.00	399.08 33.49 -20.13	99.31 1.84 -76.89	103.91 2.15 -77.23	61.29 2.50 -30.31	55.03 2.16 -28.46	48.66 2.90 -12.48
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	21.52 1.45 0.00	21.56 1.39 0.00	22.43 1.43 0.00	22.22 1.31 0.00	22.20 1.24 0.00	24.01 1.36 0.00	26.76 1.62 0.00	29.14 1.96 0.00	33.77 2.35 0.00	34.56 2.61 0.00	40.47 3.38 0.00	44.33 3.53 0.00	51.07 3.95 0.00	52.27 4.43 0.00	54.57 4.74 0.00	42.29 3.88 0.00	92.09 8.41 0.00	318.67 28.49 0.00	399.08 33.49 -20.13	99.31 1.84 -76.89	103.91 2.15 -77.23	61.29 2.50 -30.31	55.03 2.16 -28.46	48.66 2.90 -12.48
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	21.47 1.41 0.00	21.50 1.34 0.00	22.36 1.36 0.00	22.17 1.27 0.00	22.15 1.19 0.00	23.98 1.33 0.00	26.71 1.57 0.00	29.07 1.89 0.00	33.66 2.25 0.00	34.40 2.45 0.00	40.27 3.18 0.00	44.19 3.39 0.00	50.96 3.85 0.00	52.23 4.39 0.00	54.50 4.67 0.00	42.21 3.80 0.00	91.81 8.14 0.00	318.31 28.12 0.00	392.69 33.46 -13.76	77.00 1.89 -54.54	102.79 2.19 -76.06	59.41 2.53 -28.40	40.31 2.12 -13.77	41.03 2.75 -4.99
POLETTI____ 23519	21.68 1.61 0.00	21.68 1.52 0.00	22.59 1.58 0.00	22.35 1.45 0.00	22.30 1.34 0.00	24.12 1.47 0.00	26.89 1.75 0.00	29.33 2.15 0.00	34.03 2.61 0.00	34.88 2.93 0.00	40.94 3.73 -0.13	44.58 3.78 0.00	51.24 4.12 0.00	52.47 4.63 0.00	54.78 4.94 0.00	42.49 4.08 0.00	92.42 8.75 0.00	319.87 29.68 0.00	401.92 34.54 -21.91	105.03 1.86 -82.60	105.67 2.17 -78.96	62.43 2.58 -31.38	57.80 2.27 -31.12	50.42 3.08 -14.05
POMONA___ESR 323819	21.44 1.37 0.00	21.48 1.32 0.00	22.35 1.35 0.00	22.13 1.23 0.00	22.11 1.14 0.00	23.91 1.26 0.00	26.65 1.51 0.00	29.04 1.86 0.00	33.69 2.27 0.00	34.53 2.58 0.00	40.43 3.34 0.00	44.29 3.48 0.00	51.00 3.88 0.00	52.21 4.37 0.00	54.50 4.67 0.00	42.20 3.79 0.00	91.90 8.22 0.00	318.22 28.03 0.00	411.93 33.39 -33.08	140.86 1.83 -118.46	116.64 2.10 -90.01	68.99 2.43 -38.08	12.51 2.08 13.98	31.60 2.76 4.45
PORT_JEFF_3 23555	21.77 1.70 0.00	22.94 1.72 -1.06	22.82 1.82 0.00	22.61 1.70 0.00	22.58 1.61 0.00	24.38 1.73 0.00	27.21 2.07 0.00	29.44 2.26 0.00	33.89 2.47 0.00	34.38 2.43 0.00	71.94 4.36 -30.49	82.89 4.55 -37.54	66.40 4.91 -14.37	327.51 5.30 -274.37	168.50 5.62 -113.04	304.39 4.57 -261.41	309.82 9.83 -216.31	452.87 33.46 -129.22	459.83 38.05 -76.32	256.75 2.10 -234.08	168.41 2.31 -141.56	62.71 2.83 -31.42	58.06 2.42 -31.23	50.53 3.13 -14.11
PORT_JEFF_4 23616	21.77 1.70 0.00	22.94 1.72 -1.06	22.82 1.82 0.00	22.61 1.70 0.00	22.58 1.61 0.00	24.38 1.73 0.00	27.21 2.07 0.00	29.44 2.26 0.00	33.89 2.47 0.00	34.38 2.43 0.00	71.94 4.36 -30.49	82.89 4.55 -37.54	66.40 4.91 -14.37	327.51 5.30 -274.37	168.50 5.62 -113.04	304.39 4.57 -261.41	309.82 9.83 -216.31	452.87 33.46 -129.22	459.83 38.05 -76.32	256.75 2.10 -234.08	168.41 2.31 -141.56	62.71 2.83 -31.42	58.06 2.42 -31.23	50.53 3.13 -14.11

PORT_JEFF_IC 23713	21.83 1.77 0.00	22.99 1.78 -1.06	22.88 1.87 0.00	22.66 1.75 0.00	22.63 1.67 0.00	24.44 1.79 0.00	27.27 2.13 0.00	29.52 2.34 0.00	33.98 2.56 0.00	34.38 2.43 0.00	72.24 4.51 -30.64	86.87 4.76 -41.31	68.54 4.99 -16.43	352.38 5.44 -299.10	183.59 5.75 -128.00	336.71 4.67 -293.63	336.21 10.01 -242.53	468.16 34.11 -143.87	467.97 38.88 -83.62	279.78 2.15 -257.05	178.05 2.39 -151.13	62.76 2.87 -31.42	58.14 2.50 -31.23	50.67 3.27 -14.11
PPL PILGRIM_ST_GT1 24216	21.93 1.87 0.00	23.12 1.90 -1.06	23.02 2.01 0.00	22.81 1.90 0.00	22.79 1.83 0.00	24.62 1.97 0.00	27.46 2.31 0.00	29.68 2.50 0.00	34.17 2.75 0.00	34.74 2.79 0.00	50.24 4.34 -8.81	59.03 4.41 -13.81	55.68 4.90 -3.67	119.84 5.34 -66.65	90.92 5.73 -35.35	141.16 4.66 -98.09	178.23 10.05 -84.50	381.09 34.58 -56.31	425.97 40.21 -40.29	138.05 2.21 -115.27	118.90 2.47 -91.90	62.85 2.96 -31.42	58.25 2.62 -31.23	50.76 3.35 -14.11
PPL PILGRIM_ST_GT2 24217	21.93 1.87 0.00	23.12 1.90 -1.06	23.02 2.01 0.00	22.81 1.90 0.00	22.79 1.83 0.00	24.62 1.97 0.00	27.46 2.31 0.00	29.68 2.50 0.00	34.17 2.75 0.00	34.74 2.79 0.00	50.24 4.34 -8.81	59.03 4.41 -13.81	55.68 4.90 -3.67	119.84 5.34 -66.65	90.92 5.73 -35.35	141.16 4.66 -98.09	178.23 10.05 -84.50	381.09 34.58 -56.31	425.97 40.21 -40.29	138.05 2.21 -115.27	118.90 2.47 -91.90	62.85 2.96 -31.42	58.25 2.62 -31.23	50.76 3.35 -14.11
PPL_SHRM_GT3 24213	21.84 1.78 0.00	22.96 1.75 -1.06	22.83 1.83 0.00	22.61 1.70 0.00	22.56 1.60 0.00	24.37 1.72 0.00	27.23 2.09 0.00	29.51 2.33 0.00	33.97 2.55 0.00	34.48 2.53 0.00	71.61 4.42 -30.11	83.52 4.74 -37.98	67.00 5.23 -14.66	330.00 5.90 -276.26	171.19 6.23 -115.12	309.40 4.98 -266.01	314.50 10.72 -220.09	458.57 37.02 -131.35	465.43 42.57 -77.39	260.20 2.34 -237.29	170.07 2.64 -142.89	63.01 3.12 -31.42	58.24 2.60 -31.23	50.66 3.25 -14.11
PPL_SHRM_GT4 24214	21.84 1.78 0.00	22.96 1.75 -1.06	22.83 1.83 0.00	22.61 1.70 0.00	22.56 1.60 0.00	24.37 1.72 0.00	27.23 2.09 0.00	29.51 2.33 0.00	33.97 2.55 0.00	34.48 2.53 0.00	71.61 4.42 -30.11	83.52 4.74 -37.98	67.00 5.23 -14.66	330.00 5.90 -276.26	171.19 6.23 -115.12	309.40 4.98 -266.01	314.50 10.72 -220.09	458.57 37.02 -131.35	465.43 42.57 -77.39	260.20 2.34 -237.29	170.07 2.64 -142.89	63.01 3.12 -31.42	58.24 2.60 -31.23	50.66 3.25 -14.11
PROJECT___ORANGE 1 24174	19.96 -0.10 0.00	20.04 -0.11 0.00	19.64 -0.16 1.20	17.70 -0.16 3.05	17.51 -0.15 3.30	20.33 -0.10 2.22	24.77 -0.08 0.30	27.60 0.07 -0.36	32.38 0.20 -0.75	32.01 0.34 0.27	37.79 0.44 -0.26	43.08 0.74 -1.53	50.38 0.89 -2.38	50.96 0.82 -2.30	51.53 0.75 -0.94	40.39 0.49 -1.49	86.41 1.02 -1.72	295.62 3.60 -1.83	350.65 3.56 -1.63	20.65 0.08 0.00	24.78 0.07 -0.17	28.93 0.01 -0.45	24.45 -0.05 -0.09	33.61 -0.12 -0.44
PROJECT___ORANGE 2 24166	19.96 -0.10 0.00	20.04 -0.11 0.00	19.64 -0.16 1.20	17.70 -0.16 3.05	17.51 -0.15 3.30	20.33 -0.10 2.22	24.77 -0.08 0.30	27.60 0.07 -0.36	32.38 0.20 -0.75	32.01 0.34 0.27	37.79 0.44 -0.26	43.08 0.74 -1.53	50.38 0.89 -2.38	50.96 0.82 -2.30	51.53 0.75 -0.94	40.39 0.49 -1.49	86.41 1.02 -1.72	295.62 3.60 -1.83	350.65 3.56 -1.63	20.65 0.08 0.00	24.78 0.07 -0.17	28.93 0.01 -0.45	24.45 -0.05 -0.09	33.61 -0.12 -0.44
PUCKETT___SOLAR 323809	20.56 0.50 0.00	20.65 0.49 0.00	21.49 0.49 0.00	21.40 0.49 0.00	21.45 0.49 0.00	23.29 0.64 0.00	25.92 0.77 0.00	28.45 1.03 -0.23	33.23 1.32 -0.49	33.32 1.31 -0.06	38.82 1.57 -0.17	43.69 1.85 -1.03	50.73 2.06 -1.56	51.32 1.97 -1.51	52.47 2.02 -0.62	40.74 1.35 -0.98	87.83 3.03 -1.13	302.97 11.58 -1.20	363.06 15.26 -2.33	21.41 0.54 -0.30	54.79 0.80 -29.45	39.87 0.84 -10.55	26.61 0.67 -1.53	34.39 0.81 -0.29
PYRITES___HYD 24023	19.61 -0.45 0.00	19.75 -0.41 0.00	-25.54 -0.44 46.11	-96.14 -0.43 116.61	-105.82 -0.43 126.35	-62.88 -0.48 85.05	13.24 -0.58 11.32	26.43 -0.85 -0.10	30.41 -1.22 -0.21	16.60 -1.64 13.71	35.12 -2.04 -0.07	37.20 -2.43 1.17	45.10 -2.63 -0.62	45.60 -2.89 -0.65	47.14 -2.96 -0.27	28.19 -2.62 7.60	77.80 -5.15 0.73	268.35 -18.05 3.79	328.54 -17.38 -0.45	19.83 -0.74 0.00	12.44 -0.83 11.27	27.76 -0.84 -0.13	23.68 -0.76 -0.02	32.42 -1.00 -0.12
QUAKERRD_115KV_BK1 80622	19.35 -0.71 0.00	19.54 -0.62 0.00	20.33 -0.68 0.00	20.23 -0.67 0.00	20.33 -0.63 0.00	22.13 -0.52 0.00	24.60 -0.55 0.00	26.90 -0.29 0.00	31.43 0.01 0.00	32.03 0.08 0.00	37.28 0.19 0.00	41.42 0.62 0.00	47.96 0.84 0.00	48.19 0.35 0.00	49.97 0.13 0.00	37.98 -0.51 -0.07	82.52 -1.56 -0.41	284.24 -6.03 -0.08	336.03 -9.44 0.00	19.97 -0.60 0.00	23.98 -0.56 0.00	26.35 -0.68 1.45	23.62 -0.74 0.05	32.29 -1.01 0.00
QUENSBRY_115KV_TB8 356137	21.25 1.19 0.00	21.34 1.18 0.00	22.17 1.17 0.00	22.15 1.25 0.00	22.20 1.24 0.00	24.12 1.47 0.00	26.78 1.63 0.00	28.91 1.73 0.00	33.34 1.93 0.00	33.91 1.96 0.00	39.17 2.08 0.00	43.22 2.42 0.00	50.22 3.11 0.00	51.40 3.56 0.00	53.69 3.85 0.00	41.47 3.06 0.00	90.63 6.95 0.00	315.61 25.42 0.00	397.58 33.80 -18.31	41.39 1.96 -18.87	619.83 2.40 -592.89	244.74 2.50 -213.76	48.68 2.42 -21.85	38.84 3.01 -2.54
RAMAPO___LBMP 323565	21.33 1.27 0.00	21.38 1.22 0.00	22.25 1.24 0.00	22.02 1.12 0.00	22.00 1.04 0.00	23.80 1.15 0.00	26.53 1.39 0.00	28.90 1.72 0.00	33.52 2.10 0.00	34.34 2.39 0.00	40.18 3.09 0.00	44.01 3.20 0.00	50.66 3.54 0.00	51.84 4.00 0.00	54.09 4.26 0.00	41.88 3.47 0.00	91.17 7.49 0.00	315.81 25.62 0.00	404.86 30.63 -28.76	126.34 1.68 -104.09	110.92 1.92 -84.46	65.81 2.25 -35.09	11.48 1.93 14.85	30.38 2.56 5.48
RANKINE___ 23646	19.25 -0.82 0.00	19.57 -0.59 0.00	20.36 -0.64 0.00	20.29 -0.61 0.00	20.44 -0.52 0.00	22.40 -0.25 0.00	24.88 -0.27 0.00	27.38 0.20 0.00	32.19 0.78 0.00	32.84 0.89 0.00	38.15 1.06 0.00	42.56 1.76 0.00	49.22 2.11 0.00	48.85 1.01 0.00	50.53 0.70 0.00	37.44 -0.97 0.00	79.26 -3.16 1.26	269.19 -9.92 11.08	331.82 -14.15 -0.51	19.66 -0.97 -0.06	24.75 -0.64 -0.87	24.42 -0.88 3.18	23.91 -0.98 -0.48	32.20 -1.10 0.00
RAVENSWOOD_GT2_1 24244	21.70 1.64 0.00	21.72 1.56 0.00	22.61 1.61 0.00	22.37 1.47 0.00	22.33 1.36 0.00	24.16 1.51 0.00	26.93 1.79 0.00	29.37 2.19 0.00	34.07 2.64 0.00	34.90 2.95 0.00	40.96 3.75 -0.13	44.58 3.78 0.00	51.24 4.12 0.00	52.46 4.62 0.00	54.76 4.93 0.00	42.48 4.07 0.00	92.40 8.73 0.00	319.66 29.47 0.00	401.89 34.52 -21.90	105.02 1.86 -82.59	105.66 2.16 -78.96	62.43 2.58 -31.37	57.82 2.29 -31.12	50.46 3.12 -14.05
RAVENSWOOD_GT2_2 24245	21.70 1.64 0.00	21.72 1.56 0.00	22.61 1.61 0.00	22.37 1.47 0.00	22.33 1.36 0.00	24.16 1.51 0.00	26.93 1.79 0.00	29.37 2.19 0.00	34.07 2.64 0.00	34.90 2.95 0.00	40.96 3.75 -0.13	44.58 3.78 0.00	51.24 4.12 0.00	52.46 4.62 0.00	54.76 4.93 0.00	42.48 4.07 0.00	92.40 8.73 0.00	319.66 29.47 0.00	401.89 34.52 -21.90	105.02 1.86 -82.59	105.66 2.16 -78.96	62.43 2.58 -31.37	57.82 2.29 -31.12	50.46 3.12 -14.05

RAVENSWOOD_GT2_3 24246	21.69 1.63 0.00	21.73 1.57 0.00	22.63 1.63 0.00	22.38 1.48 0.00	22.34 1.37 0.00	24.17 1.52 0.00	26.95 1.81 0.00	29.38 2.20 0.00	34.09 2.67 0.00	34.93 2.97 0.00	41.00 3.78 -0.13	44.62 3.81 0.00	51.27 4.16 0.00	52.50 4.66 0.00	54.81 4.97 0.00	42.52 4.11 0.00	92.49 8.81 0.00	319.94 29.76 0.00	402.19 34.82 -21.90	105.03 1.88 -82.59	105.68 2.19 -78.96	62.46 2.61 -31.37	57.84 2.31 -31.12	50.49 3.15 -14.05
RAVENSWOOD_GT2_4 24247	21.69 1.63 0.00	21.73 1.57 0.00	22.63 1.63 0.00	22.38 1.48 0.00	22.34 1.37 0.00	24.17 1.52 0.00	26.95 1.81 0.00	29.38 2.20 0.00	34.09 2.67 0.00	34.93 2.97 0.00	41.00 3.78 -0.13	44.62 3.81 0.00	51.27 4.16 0.00	52.50 4.66 0.00	54.81 4.97 0.00	42.52 4.11 0.00	92.49 8.81 0.00	319.94 29.76 0.00	402.19 34.82 -21.90	105.03 1.88 -82.59	105.68 2.19 -78.96	62.46 2.61 -31.37	57.84 2.31 -31.12	50.49 3.15 -14.05
RAVENSWOOD_GT3_1 24248	21.70 1.64 0.00	21.72 1.56 0.00	22.61 1.61 0.00	22.37 1.47 0.00	22.33 1.36 0.00	24.16 1.51 0.00	26.93 1.79 0.00	29.37 2.19 0.00	34.07 2.65 0.00	34.90 2.95 0.00	40.97 3.75 -0.13	44.58 3.78 0.00	51.24 4.12 0.00	52.47 4.63 0.00	54.77 4.94 0.00	42.48 4.07 0.00	92.41 8.73 0.00	319.70 29.52 0.00	401.89 34.52 -21.90	105.02 1.86 -82.59	105.66 2.17 -78.96	62.43 2.59 -31.37	57.82 2.29 -31.12	50.46 3.12 -14.05
RAVENSWOOD_GT3_2 24249	21.70 1.64 0.00	21.72 1.56 0.00	22.61 1.61 0.00	22.37 1.47 0.00	22.33 1.36 0.00	24.16 1.51 0.00	26.93 1.79 0.00	29.37 2.19 0.00	34.07 2.65 0.00	34.90 2.95 0.00	40.97 3.75 -0.13	44.58 3.78 0.00	51.24 4.12 0.00	52.47 4.63 0.00	54.77 4.94 0.00	42.48 4.07 0.00	92.41 8.73 0.00	319.70 29.52 0.00	401.89 34.52 -21.90	105.02 1.86 -82.59	105.66 2.17 -78.96	62.43 2.59 -31.37	57.82 2.29 -31.12	50.46 3.12 -14.05
RAVENSWOOD_GT3_3 24250	21.75 1.69 0.00	21.76 1.60 0.00	22.66 1.66 0.00	22.42 1.51 0.00	22.37 1.41 0.00	24.21 1.55 0.00	26.98 1.84 0.00	29.43 2.25 0.00	34.15 2.73 0.00	34.99 3.03 0.00	41.07 3.85 -0.13	44.70 3.89 0.00	51.38 4.27 0.00	52.60 4.76 0.00	54.91 5.07 0.00	42.59 4.18 0.00	92.65 8.98 0.00	320.52 30.34 0.00	402.92 35.55 -21.90	105.07 1.91 -82.59	105.73 2.24 -78.96	62.51 2.66 -31.37	57.88 2.35 -31.12	50.55 3.21 -14.05
RAVENSWOOD_GT3_4 24251	21.75 1.69 0.00	21.76 1.60 0.00	22.66 1.66 0.00	22.42 1.51 0.00	22.37 1.41 0.00	24.21 1.55 0.00	26.98 1.84 0.00	29.43 2.25 0.00	34.15 2.73 0.00	34.99 3.03 0.00	41.07 3.85 -0.13	44.70 3.89 0.00	51.38 4.27 0.00	52.60 4.76 0.00	54.91 5.07 0.00	42.59 4.18 0.00	92.65 8.98 0.00	320.52 30.34 0.00	402.92 35.55 -21.90	105.07 1.91 -82.59	105.73 2.24 -78.96	62.51 2.66 -31.37	57.88 2.35 -31.12	50.55 3.21 -14.05
RAVENSWOOD_GT_1 23729	21.85 1.77 -0.01	21.83 1.66 -0.01	22.72 1.72 0.00	22.48 1.57 0.00	22.43 1.47 0.00	24.28 1.63 0.00	27.04 1.89 0.00	29.49 2.30 0.00	34.17 2.75 0.00	34.96 3.01 0.00	41.04 3.83 -0.13	44.61 3.81 0.00	51.21 4.10 0.00	52.42 4.58 0.00	54.74 4.91 0.00	42.51 4.10 0.00	92.39 8.71 0.00	319.30 29.11 0.00	396.48 34.07 -16.94	79.54 1.80 -57.17	87.39 2.09 -60.77	57.42 2.53 -26.42	63.77 2.28 -37.07	50.49 3.15 -14.05
RAVENSWOOD_GT_10 24258	21.70 1.64 0.00	21.72 1.55 0.00	22.61 1.61 0.00	22.37 1.46 0.00	22.32 1.36 0.00	24.15 1.50 0.00	26.93 1.79 0.00	29.37 2.19 0.00	34.07 2.65 0.00	34.90 2.95 0.00	40.97 3.76 -0.13	44.58 3.78 0.00	51.25 4.13 0.00	52.47 4.63 0.00	54.78 4.94 0.00	42.50 4.09 0.00	92.41 8.74 0.00	319.80 29.61 0.00	402.01 34.63 -21.90	103.78 1.86 -81.34	105.09 2.17 -78.39	62.44 2.59 -31.37	57.82 2.29 -31.12	50.47 3.13 -14.05
RAVENSWOOD_GT_11 24259	21.70 1.64 0.00	21.72 1.55 0.00	22.61 1.61 0.00	22.37 1.46 0.00	22.32 1.36 0.00	24.15 1.50 0.00	26.93 1.79 0.00	29.37 2.19 0.00	34.07 2.65 0.00	34.90 2.95 0.00	40.97 3.76 -0.13	44.58 3.78 0.00	51.25 4.13 0.00	52.47 4.63 0.00	54.78 4.94 0.00	42.50 4.09 0.00	92.41 8.74 0.00	319.80 29.61 0.00	402.01 34.63 -21.90	103.78 1.86 -81.34	105.09 2.17 -78.39	62.44 2.59 -31.37	57.82 2.29 -31.12	50.47 3.13 -14.05
RAVENSWOOD_GT_4 24252	21.69 1.64 0.00	21.71 1.55 0.01	22.61 1.61 0.00	22.36 1.45 0.00	22.32 1.36 0.00	24.14 1.49 0.00	26.93 1.79 0.00	29.37 2.18 0.00	34.06 2.64 0.00	34.91 2.96 0.00	40.97 3.76 -0.13	44.60 3.79 0.00	51.27 4.16 0.00	52.50 4.66 0.00	54.81 4.98 0.00	42.51 4.10 0.00	92.49 8.81 0.00	319.99 29.80 0.00	398.45 34.86 -18.13	85.69 1.88 -63.23	91.85 2.20 -65.11	58.69 2.61 -27.60	62.37 2.30 -35.65	50.47 3.13 -14.05
RAVENSWOOD_GT_5 24254	21.69 1.64 0.00	21.71 1.55 0.01	22.61 1.61 0.00	22.36 1.45 0.00	22.32 1.36 0.00	24.14 1.49 0.00	26.93 1.79 0.00	29.37 2.18 0.00	34.06 2.64 0.00	34.91 2.96 0.00	40.97 3.76 -0.13	44.60 3.79 0.00	51.27 4.16 0.00	52.50 4.66 0.00	54.81 4.98 0.00	42.51 4.10 0.00	92.49 8.81 0.00	319.99 29.80 0.00	398.45 34.86 -18.13	85.69 1.88 -63.23	91.85 2.20 -65.11	58.69 2.61 -27.60	62.37 2.30 -35.65	50.47 3.13 -14.05
RAVENSWOOD_GT_6 24253	21.69 1.64 0.00	21.71 1.55 0.01	22.61 1.61 0.00	22.36 1.45 0.00	22.32 1.36 0.00	24.14 1.49 0.00	26.93 1.79 0.00	29.37 2.18 0.00	34.06 2.64 0.00	34.91 2.96 0.00	40.97 3.76 -0.13	44.60 3.79 0.00	51.27 4.16 0.00	52.50 4.66 0.00	54.81 4.98 0.00	42.51 4.10 0.00	92.49 8.81 0.00	319.99 29.80 0.00	398.45 34.86 -18.13	85.69 1.88 -63.23	91.85 2.20 -65.11	58.69 2.61 -27.60	62.37 2.30 -35.65	50.47 3.13 -14.05
RAVENSWOOD_GT_7 24255	21.69 1.64 0.00	21.71 1.55 0.01	22.61 1.61 0.00	22.36 1.45 0.00	22.32 1.36 0.00	24.14 1.49 0.00	26.93 1.79 0.00	29.37 2.18 0.00	34.06 2.64 0.00	34.91 2.96 0.00	40.97 3.76 -0.13	44.60 3.79 0.00	51.27 4.16 0.00	52.50 4.66 0.00	54.81 4.98 0.00	42.51 4.10 0.00	92.49 8.81 0.00	319.99 29.80 0.00	398.45 34.86 -18.13	85.69 1.88 -63.23	91.85 2.20 -65.11	58.69 2.61 -27.60	62.37 2.30 -35.65	50.47 3.13 -14.05
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	21.70 1.64 0.00	21.72 1.55 0.00	22.61 1.61 0.00	22.37 1.46 0.00	22.32 1.36 0.00	24.15 1.50 0.00	26.93 1.79 0.00	29.37 2.19 0.00	34.07 2.65 0.00	34.90 2.95 0.00	40.97 3.76 -0.13	44.58 3.78 0.00	51.25 4.13 0.00	52.47 4.63 0.00	54.78 4.94 0.00	42.50 4.09 0.00	92.41 8.74 0.00	319.80 29.61 0.00	402.01 34.63 -21.90	103.78 1.86 -81.34	105.09 2.17 -78.39	62.44 2.59 -31.37	57.82 2.29 -31.12	50.47 3.13 -14.05
RAVENSWOOD_GT_9 24257	21.70 1.64 0.00	21.72 1.55 0.00	22.61 1.61 0.00	22.37 1.46 0.00	22.32 1.36 0.00	24.15 1.50 0.00	26.93 1.79 0.00	29.37 2.19 0.00	34.07 2.65 0.00	34.90 2.95 0.00	40.97 3.76 -0.13	44.58 3.78 0.00	51.25 4.13 0.00	52.47 4.63 0.00	54.78 4.94 0.00	42.50 4.09 0.00	92.41 8.74 0.00	319.80 29.61 0.00	402.01 34.63 -21.90	103.78 1.86 -81.34	105.09 2.17 -78.39	62.44 2.59 -31.37	57.82 2.29 -31.12	50.47 3.13 -14.05

RAVENSWOOD___1 23533	21.77 1.70 0.00	21.78 1.62 -0.01	22.67 1.67 0.00	22.43 1.52 0.00	22.38 1.42 0.00	24.22 1.57 0.00	26.97 1.83 0.00	29.41 2.23 0.00	34.11 2.69 0.00	34.90 2.95 0.00	41.03 3.81 -0.13	44.60 3.79 0.00	51.18 4.07 0.00	52.38 4.54 0.00	54.69 4.86 0.00	42.48 4.07 0.00	92.31 8.63 0.00	319.00 28.81 0.00	389.24 33.87 -9.89	56.98 1.77 -34.63	67.78 2.07 -41.18	50.37 2.51 -19.37	57.80 2.26 -31.12	50.47 3.13 -14.05
RAVENSWOOD___2 23534	21.75 1.68 -0.01	21.76 1.59 -0.01	22.64 1.64 0.00	22.40 1.49 0.00	22.31 1.35 0.00	24.14 1.48 0.00	26.88 1.74 0.00	29.32 2.13 0.00	33.99 2.57 0.00	34.85 2.90 0.00	40.94 3.73 -0.13	44.41 3.60 0.00	50.80 3.69 0.00	51.95 4.11 0.00	54.25 4.41 0.00	42.21 3.80 0.00	91.76 8.08 0.00	316.59 26.40 0.00	386.06 30.89 -9.70	56.19 1.60 -34.02	67.04 1.87 -40.64	49.97 2.31 -19.18	57.67 2.14 -31.12	50.38 3.04 -14.05
RAVENSWOOD___3 23535	21.70 1.64 0.00	21.72 1.56 0.00	22.61 1.61 0.00	22.37 1.47 0.00	22.33 1.36 0.00	24.16 1.51 0.00	26.93 1.79 0.00	29.38 2.19 0.00	34.07 2.65 0.00	34.90 2.95 0.00	40.97 3.75 -0.13	44.59 3.78 0.00	51.24 4.13 0.00	52.46 4.62 0.00	54.78 4.94 0.00	42.48 4.07 0.00	92.41 8.74 0.00	319.69 29.50 0.00	401.94 34.57 -21.90	105.01 1.85 -82.59	105.67 2.17 -78.96	62.43 2.58 -31.37	57.82 2.29 -31.12	50.46 3.12 -14.05
RAVENSWOOD___4 23820	21.77 1.70 0.00	21.78 1.62 -0.01	22.67 1.67 0.00	22.43 1.52 0.00	22.38 1.42 0.00	24.22 1.57 0.00	26.97 1.83 0.00	29.41 2.23 0.00	34.11 2.69 0.00	34.90 2.95 0.00	41.00 3.78 -0.13	44.56 3.76 0.00	51.14 4.03 0.00	52.34 4.51 0.00	54.66 4.83 0.00	42.44 4.03 0.00	92.23 8.56 0.00	318.72 28.54 0.00	381.84 33.63 -2.74	34.11 1.76 -11.78	47.89 2.05 -21.30	43.21 2.49 -12.24	51.92 2.25 -25.26	50.44 3.10 -14.05
RCPL_TRUST___DRP 24196	21.71 1.65 0.00	21.72 1.56 0.00	22.62 1.62 0.00	22.39 1.48 0.00	22.34 1.37 0.00	24.17 1.52 0.00	26.95 1.81 0.00	29.40 2.22 0.00	34.12 2.70 0.00	34.97 3.02 0.00	41.05 3.84 -0.12	44.72 3.92 0.00	51.42 4.31 0.00	52.65 4.81 0.00	54.95 5.12 0.00	42.62 4.21 0.00	92.74 9.06 0.00	320.84 30.66 0.00	402.93 35.55 -21.91	105.08 1.91 -82.60	105.73 2.23 -78.97	62.49 2.64 -31.38	57.86 2.32 -31.13	50.50 3.16 -14.05
RED___ROCHESTER 323720	19.86 -0.20 0.00	20.07 -0.09 0.00	20.87 -0.13 0.00	20.77 -0.13 0.00	20.87 -0.08 0.00	22.76 0.11 0.00	25.29 0.14 0.00	27.70 0.52 0.00	32.45 1.03 0.00	33.08 1.13 0.00	38.54 1.45 0.00	42.86 2.06 0.00	49.66 2.55 0.00	49.85 2.01 0.00	51.67 1.83 0.00	39.21 0.66 -0.13	85.27 0.85 -0.73	292.34 1.98 -0.17	344.53 -0.94 0.00	20.52 -0.05 0.00	24.67 0.14 0.00	26.91 0.10 1.67	24.27 -0.08 0.06	33.19 -0.10 0.00
REGAN___SOLAR 323812	22.53 2.47 0.00	22.57 2.41 0.00	23.45 2.44 0.00	23.30 2.40 0.00	23.40 2.43 0.00	25.42 2.77 0.00	27.89 2.75 0.00	30.49 3.30 0.00	34.20 2.78 0.00	35.15 3.20 0.00	40.05 2.96 0.00	42.69 1.89 0.00	48.08 0.97 0.00	48.90 1.06 0.00	51.70 1.86 0.00	40.27 1.86 0.00	91.01 7.33 0.00	314.25 24.06 0.00	411.67 53.03 -13.18	28.65 3.61 -4.47	580.51 4.17 -551.81	231.54 4.33 -198.74	46.37 3.49 -18.47	38.96 4.57 -1.10
RENSSELAER___COGEN 23796	20.52 0.45 0.00	20.63 0.47 0.00	21.48 0.47 0.00	21.38 0.47 0.00	21.43 0.47 0.00	23.14 0.49 0.00	25.69 0.55 0.00	27.78 0.59 0.00	31.96 0.54 0.00	32.50 0.55 0.00	37.78 0.69 0.00	41.43 0.63 0.00	47.92 0.81 0.00	48.97 1.13 0.00	51.08 1.24 0.00	39.50 1.09 0.00	86.08 2.41 0.00	298.22 8.04 0.00	368.55 9.73 -13.35	39.27 0.57 -18.13	322.34 0.71 -297.09	144.61 0.84 -115.29	41.15 0.73 -16.00	37.06 1.02 -2.74
REPUBLIC_115KV_BARTNBRK 55605	22.17 2.11 0.00	22.38 2.22 0.00	23.26 2.26 0.00	23.40 2.49 0.00	23.47 2.51 0.00	25.68 3.02 0.00	28.42 3.27 0.00	30.39 3.20 0.00	35.03 3.61 0.00	35.50 3.55 0.00	41.05 3.96 0.00	45.54 4.74 0.00	53.34 6.22 0.00	54.75 6.91 0.00	57.08 7.24 0.00	44.07 5.66 0.00	95.38 11.70 0.00	335.01 44.82 0.00	417.54 53.80 -18.27	42.52 3.05 -18.89	618.42 3.58 -590.31	244.87 3.61 -212.77	49.29 3.08 -21.81	39.55 3.71 -2.54
REVERE_CPPR_DRP 24186	20.77 0.71 0.00	20.85 0.69 0.00	17.92 0.62 3.71	12.13 0.60 9.38	11.41 0.60 10.16	16.59 0.77 6.84	25.22 0.99 0.91	28.63 1.27 -0.18	33.33 1.53 -0.38	32.44 1.55 1.06	38.80 1.58 -0.13	43.24 1.77 -0.66	50.26 1.95 -1.20	51.10 2.10 -1.16	52.48 2.17 -0.48	40.80 1.64 -0.75	88.45 3.90 -0.87	305.91 14.79 -0.92	367.26 20.97 -0.82	21.64 1.07 0.00	34.81 1.10 -9.18	30.00 1.30 -0.22	25.64 1.18 -0.04	35.03 1.52 -0.22
REYNOLDS_115KV_TB3 80639	20.72 0.66 0.00	20.82 0.66 0.00	21.68 0.68 0.00	21.59 0.68 0.00	21.64 0.68 0.00	23.36 0.71 0.00	25.92 0.77 0.00	28.02 0.84 0.00	32.25 0.83 0.00	32.82 0.87 0.00	38.16 1.07 0.00	41.89 1.09 0.00	48.47 1.35 0.00	49.58 1.75 0.00	51.74 1.91 0.00	39.99 1.58 0.00	87.14 3.47 0.00	301.96 11.77 0.00	373.73 14.08 -14.18	40.27 0.82 -18.88	392.03 1.03 -366.46	157.81 1.19 -128.14	42.50 1.02 -17.08	37.54 1.39 -2.86
RIVERBAY____ 323610	21.93 1.87 -0.01	22.01 1.84 -0.01	22.95 1.94 0.00	22.70 1.80 0.00	22.69 1.73 0.00	24.63 1.98 0.00	27.30 2.16 0.00	29.73 2.54 0.00	34.44 3.02 0.00	35.15 3.20 0.00	41.30 4.09 -0.13	44.93 4.13 0.00	51.77 4.65 0.00	53.20 5.36 0.00	55.57 5.73 -0.01	43.15 4.75 0.00	93.70 10.03 0.00	324.43 34.24 -0.01	407.95 40.57 -21.91	105.36 2.20 -82.59	106.04 2.54 -78.97	62.90 3.04 -31.38	58.21 2.67 -31.12	50.90 3.56 -14.05
RIVERSIDE_115KV_TB3 55908	20.67 0.60 0.00	20.76 0.60 0.00	21.62 0.62 0.00	21.52 0.62 0.00	21.58 0.61 0.00	23.29 0.64 0.00	25.86 0.72 0.00	27.97 0.79 0.00	32.21 0.79 0.00	32.77 0.82 0.00	38.12 1.03 0.00	41.83 1.03 0.00	48.39 1.27 0.00	49.48 1.64 0.00	51.64 1.80 0.00	39.92 1.51 0.00	86.99 3.31 0.00	301.45 11.26 0.00	373.12 13.49 -14.16	39.91 0.78 -18.56	387.96 0.98 -362.44	159.16 1.13 -129.55	42.40 0.97 -17.02	37.38 1.30 -2.79
ROARING___BROOK_WT_PWR 323790	19.78 -0.28 0.00	19.87 -0.29 0.00	21.81 -0.31 -1.12	23.48 -0.26 -2.84	23.79 -0.24 -3.08	24.46 -0.26 -2.07	25.17 -0.25 -0.28	26.91 -0.27 0.00	31.07 -0.35 0.00	31.90 -0.38 -0.33	36.59 -0.49 0.00	40.13 -0.71 -0.04	46.28 -0.84 0.00	46.99 -0.85 0.00	48.92 -0.92 0.00	42.09 -0.68 -4.37	83.07 -1.26 -0.66	287.98 -4.56 -2.34	340.41 -5.06 0.00	20.26 -0.31 0.00	23.95 -0.58 0.00	27.93 -0.55 0.00	24.15 -0.26 0.00	33.04 -0.26 0.00
ROCHESRG_115KV_T4 355643	19.59 -0.47 0.00	19.80 -0.36 0.00	20.61 -0.39 0.00	20.51 -0.39 0.00	20.62 -0.34 0.00	22.47 -0.18 0.00	24.96 -0.18 0.00	27.32 0.14 0.00	31.96 0.54 0.00	32.57 0.62 0.00	37.88 0.79 0.00	42.11 1.30 0.00	48.73 1.62 0.00	48.85 1.01 0.00	50.65 0.81 0.00	38.37 -0.16 -0.11	83.43 -0.85 -0.60	286.82 -3.51 -0.14	338.81 -6.66 0.00	20.14 -0.43 0.00	24.24 -0.30 0.00	26.47 -0.36 1.65	23.87 -0.48 0.06	32.70 -0.59 0.00

ROCHESTER_9_IC 23652	19.73 -0.33 0.00	19.94 -0.22 0.00	20.74 -0.26 0.00	20.65 -0.25 0.00	20.76 -0.20 0.00	22.63 -0.03 0.00	25.14 -0.01 0.00	27.52 0.34 0.00	32.23 0.81 0.00	32.84 0.89 0.00	38.22 1.14 0.00	42.50 1.69 0.00	49.21 2.10 0.00	49.37 1.53 0.00	51.18 1.35 0.00	38.81 0.27 -0.13	84.43 0.02 -0.73	289.66 -0.70 -0.17	341.92 -3.55 0.00	20.33 -0.24 0.00	24.46 -0.08 0.00	26.69 -0.11 1.67	24.07 -0.27 0.06	32.95 -0.34 0.00
ROCKVIEW_13_KV_LD 356306	21.67 1.61 0.00	21.70 1.53 0.00	22.58 1.58 0.00	22.35 1.45 0.00	22.32 1.36 0.00	24.15 1.50 0.00	26.92 1.78 0.00	29.34 2.15 0.00	34.01 2.59 0.00	34.82 2.87 0.00	40.81 3.72 0.00	44.66 3.86 0.00	51.39 4.27 0.00	52.62 4.78 0.00	54.95 5.12 0.00	42.62 4.21 0.00	92.86 9.18 0.00	321.28 31.10 0.00	403.82 36.45 -21.90	105.14 2.00 -82.57	105.82 2.33 -78.95	62.58 2.74 -31.37	57.88 2.36 -31.11	50.52 3.19 -14.04
ROME____115KV_TB2 80656	20.77 0.71 0.00	20.85 0.69 0.00	17.92 0.62 3.71	12.13 0.60 9.38	11.41 0.60 10.16	16.59 0.77 6.84	25.22 0.99 0.91	28.63 1.27 -0.18	33.33 1.53 -0.38	32.44 1.55 1.06	38.80 1.58 -0.13	43.24 1.77 -0.66	50.26 1.95 -1.20	51.10 2.10 -1.16	52.48 2.17 -0.48	40.80 1.64 -0.75	88.45 3.90 -0.87	305.91 14.79 -0.92	367.26 20.97 -0.82	21.64 1.07 0.00	34.81 1.10 -9.18	30.00 1.30 -0.22	25.64 1.18 -0.04	35.03 1.52 -0.22
ROSETON____1 23587	21.21 1.15 0.00	21.25 1.09 0.00	22.12 1.12 0.00	21.92 1.02 0.00	21.92 0.96 0.00	23.71 1.06 0.00	26.40 1.26 0.00	28.72 1.53 0.00	33.25 1.83 0.00	33.98 2.03 0.00	39.74 2.65 0.00	43.55 2.75 0.00	50.18 3.06 0.00	51.34 3.50 0.00	53.57 3.74 0.00	41.46 3.05 0.00	90.23 6.55 0.00	312.58 22.39 0.00	367.74 26.46 4.19	17.80 1.49 4.26	71.63 1.72 -45.38	43.74 2.02 -13.24	12.86 1.74 13.30	28.58 2.32 7.03
ROSETON____2 23588	21.21 1.15 0.00	21.25 1.09 0.00	22.12 1.12 0.00	21.92 1.02 0.00	21.92 0.96 0.00	23.71 1.06 0.00	26.40 1.26 0.00	28.72 1.53 0.00	33.25 1.83 0.00	33.98 2.03 0.00	39.74 2.65 0.00	43.55 2.75 0.00	50.18 3.06 0.00	51.34 3.50 0.00	53.57 3.74 0.00	41.46 3.05 0.00	90.23 6.55 0.00	312.58 22.39 0.00	367.74 26.46 4.19	17.80 1.49 4.26	71.63 1.72 -45.38	43.74 2.02 -13.24	12.86 1.74 13.30	28.58 2.32 7.03
ROTTDAM_115KV_TB3 80664	20.82 0.76 0.00	20.90 0.74 0.00	21.75 0.75 0.00	21.64 0.73 0.00	21.70 0.74 0.00	23.47 0.82 0.00	26.06 0.92 0.00	28.21 1.03 0.00	32.60 1.18 0.00	33.18 1.23 0.00	38.53 1.45 0.00	42.31 1.50 0.00	48.82 1.70 0.00	49.77 1.93 0.00	51.95 2.12 0.00	40.15 1.73 0.00	87.57 3.89 0.00	304.01 13.82 0.00	382.07 17.64 -18.96	39.30 1.05 -17.67	661.99 1.30 -636.16	260.08 1.47 -230.13	48.21 1.25 -22.56	37.30 1.63 -2.38
RUSSELL____1 23602	19.86 -0.20 0.00	20.07 -0.09 0.00	20.87 -0.13 0.00	20.77 -0.13 0.00	20.87 -0.09 0.00	22.76 0.11 0.00	25.29 0.14 0.00	27.70 0.52 0.00	32.45 1.03 0.00	33.08 1.13 0.00	38.53 1.44 0.00	42.86 2.05 0.00	49.65 2.54 0.00	49.84 2.00 0.00	51.67 1.84 0.00	39.20 0.66 -0.13	85.26 0.84 -0.73	292.30 1.94 -0.17	344.87 -0.60 0.00	20.50 -0.07 0.00	24.65 0.12 0.00	26.92 0.11 1.67	24.25 -0.09 0.06	33.18 -0.11 0.00
RUSSELL____2 23532	19.86 -0.20 0.00	20.07 -0.09 0.00	20.87 -0.13 0.00	20.77 -0.13 0.00	20.87 -0.09 0.00	22.76 0.11 0.00	25.29 0.14 0.00	27.70 0.52 0.00	32.45 1.03 0.00	33.08 1.13 0.00	38.53 1.44 0.00	42.86 2.05 0.00	49.65 2.54 0.00	49.84 2.00 0.00	51.67 1.84 0.00	39.20 0.66 -0.13	85.26 0.84 -0.73	292.30 1.94 -0.17	344.87 -0.60 0.00	20.50 -0.07 0.00	24.65 0.12 0.00	26.92 0.11 1.67	24.25 -0.09 0.06	33.18 -0.11 0.00
RUSSELL____3 23549	19.86 -0.20 0.00	20.07 -0.09 0.00	20.87 -0.13 0.00	20.77 -0.13 0.00	20.87 -0.09 0.00	22.76 0.11 0.00	25.29 0.14 0.00	27.70 0.52 0.00	32.45 1.03 0.00	33.08 1.13 0.00	38.53 1.44 0.00	42.86 2.05 0.00	49.65 2.54 0.00	49.84 2.00 0.00	51.67 1.84 0.00	39.20 0.66 -0.13	85.26 0.84 -0.73	292.30 1.94 -0.17	344.87 -0.60 0.00	20.50 -0.07 0.00	24.65 0.12 0.00	26.92 0.11 1.67	24.25 -0.09 0.06	33.18 -0.11 0.00
RUSSELL____4 23556	19.86 -0.20 0.00	20.07 -0.09 0.00	20.87 -0.13 0.00	20.77 -0.13 0.00	20.87 -0.09 0.00	22.76 0.11 0.00	25.29 0.14 0.00	27.70 0.52 0.00	32.45 1.03 0.00	33.08 1.13 0.00	38.53 1.44 0.00	42.86 2.05 0.00	49.65 2.54 0.00	49.84 2.00 0.00	51.67 1.84 0.00	39.20 0.66 -0.13	85.26 0.84 -0.73	292.30 1.94 -0.17	344.87 -0.60 0.00	20.50 -0.07 0.00	24.65 0.12 0.00	26.92 0.11 1.67	24.25 -0.09 0.06	33.18 -0.11 0.00
RUSSELL____STATION 23914	19.86 -0.20 0.00	20.07 -0.09 0.00	20.87 -0.13 0.00	20.77 -0.13 0.00	20.87 -0.09 0.00	22.76 0.11 0.00	25.29 0.14 0.00	27.70 0.52 0.00	32.45 1.03 0.00	33.08 1.13 0.00	38.53 1.44 0.00	42.86 2.05 0.00	49.65 2.54 0.00	49.84 2.00 0.00	51.67 1.84 0.00	39.20 0.66 -0.13	85.26 0.84 -0.73	292.30 1.94 -0.17	344.87 -0.60 0.00	20.50 -0.07 0.00	24.65 0.12 0.00	26.92 0.11 1.67	24.25 -0.09 0.06	33.18 -0.11 0.00
S SALMON____HYD 24043	19.72 -0.34 0.00	19.85 -0.31 0.00	15.92 -0.45 4.64	8.73 -0.45 11.72	7.83 -0.43 12.70	13.68 -0.42 8.55	23.66 -0.35 1.14	27.78 -0.24 -0.84	33.00 -0.20 -1.78	30.53 -0.24 1.18	37.60 -0.10 -0.61	44.39 0.03 -3.55	52.64 -0.10 -5.62	53.08 -0.20 -5.44	51.64 -0.43 -2.23	40.79 -0.44 -2.82	86.97 -0.66 -3.96	292.73 -1.41 -3.95	349.17 -0.14 -3.84	20.50 -0.07 0.00	15.89 -0.33 8.32	29.29 -0.24 -1.05	24.41 -0.21 -0.21	33.95 -0.38 -1.04
S.PERRY__115KV_TB1 80734	20.16 0.10 0.00	20.36 0.20 0.00	21.20 0.19 0.00	21.16 0.26 0.00	21.29 0.32 0.00	23.22 0.57 0.00	25.50 0.36 0.00	27.70 0.51 0.00	32.33 0.91 0.00	32.03 0.08 0.00	36.97 -0.12 0.00	40.81 0.01 0.00	47.22 0.10 0.00	47.33 -0.51 0.00	48.92 -0.92 0.00	37.01 -1.40 0.00	85.50 -2.57 -4.39	319.52 -9.24 -38.58	330.87 -15.13 -0.53	19.83 -0.81 -0.06	24.47 -0.96 -0.90	22.93 -1.20 4.35	24.16 -0.70 -0.45	32.57 -0.72 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	19.04 -1.02 0.00	19.38 -0.78 0.00	20.18 -0.82 0.00	20.11 -0.80 0.00	20.25 -0.71 0.00	22.17 -0.48 0.00	24.61 -0.53 0.00	27.08 -0.10 0.00	31.84 0.41 0.00	32.44 0.49 0.00	37.66 0.58 0.00	42.01 1.21 0.00	48.59 1.48 0.00	48.15 0.31 0.00	49.82 -0.02 0.00	36.72 -1.51 0.18	77.29 -4.18 2.20	265.94 -13.42 10.83	327.52 -18.43 -0.48	19.45 -1.17 -0.05	24.45 -0.90 -0.82	24.41 -1.11 2.96	23.67 -1.20 -0.46	31.86 -1.44 0.00
SAWYER____23_KV_LOAD 55526	19.04 -1.02 0.00	19.38 -0.78 0.00	20.18 -0.82 0.00	20.11 -0.80 0.00	20.25 -0.71 0.00	22.17 -0.48 0.00	24.61 -0.53 0.00	27.08 -0.10 0.00	31.84 0.41 0.00	32.44 0.49 0.00	37.66 0.58 0.00	42.01 1.21 0.00	48.59 1.48 0.00	48.15 0.31 0.00	49.82 -0.02 0.00	36.72 -1.51 0.18	77.29 -4.18 2.20	265.94 -13.42 10.83	327.52 -18.43 -0.48	19.45 -1.17 -0.05	24.45 -0.90 -0.82	24.41 -1.11 2.96	23.67 -1.20 -0.46	31.86 -1.44 0.00

SELKIRK___I 23801	20.61 0.55 0.00	20.72 0.56 0.00	21.57 0.57 0.00	21.49 0.58 0.00	21.56 0.60 0.00	23.30 0.65 0.00	25.85 0.71 0.00	27.88 0.69 0.00	32.11 0.69 0.00	32.62 0.67 0.00	37.85 0.77 0.00	40.90 0.10 0.00	47.11 -0.01 0.00	47.97 0.13 0.00	49.99 0.15 0.00	38.61 0.20 0.00	84.32 0.64 0.00	292.48 2.29 0.00	359.95 2.95 -11.53	37.76 0.25 -16.95	249.53 0.36 -224.64	113.97 0.46 -85.03	38.34 0.55 -13.37	36.92 1.15 -2.47
SELKIRK___II 23799	20.44 0.38 0.00	20.54 0.38 0.00	21.38 0.38 0.00	21.28 0.37 0.00	21.34 0.37 0.00	23.05 0.40 0.00	25.59 0.45 0.00	27.67 0.49 0.00	31.89 0.47 0.00	32.44 0.49 0.00	37.74 0.66 0.00	41.36 0.56 0.00	47.79 0.68 0.00	48.75 0.91 0.00	50.85 1.01 0.00	39.30 0.89 0.00	85.54 1.87 0.00	296.47 6.28 0.00	364.81 7.42 -11.92	37.27 0.43 -16.27	266.38 0.56 -241.28	120.89 0.69 -91.72	39.24 0.62 -14.21	36.78 0.88 -2.61
SENECA OSWGO___HYD 24041	19.83 -0.24 0.00	19.91 -0.25 0.00	19.25 -0.30 1.46	16.92 -0.31 3.68	16.68 -0.30 3.99	19.70 -0.27 2.69	24.51 -0.27 0.36	28.17 -0.19 -1.18	33.75 -0.17 -2.50	31.46 -0.34 0.15	37.84 -0.11 -0.85	46.06 0.08 -5.17	55.13 0.10 -7.91	55.51 0.02 -7.65	52.87 -0.10 -3.14	43.31 -0.06 -4.96	89.25 -0.14 -5.71	296.47 0.19 -6.09	350.66 -0.21 -5.40	20.46 -0.11 0.00	23.16 -0.15 1.22	29.72 -0.23 -1.48	24.43 -0.27 -0.29	34.33 -0.42 -1.46
SENECA___115KV_TB3 355854	19.29 -0.78 0.00	19.61 -0.55 0.00	20.40 -0.60 0.00	20.33 -0.57 0.00	20.48 -0.48 0.00	22.44 -0.21 0.00	24.93 -0.21 0.00	27.44 0.25 0.00	32.27 0.85 0.00	32.92 0.97 0.00	38.23 1.14 0.00	42.66 1.86 0.00	49.35 2.24 0.00	48.97 1.13 0.00	50.67 0.83 0.00	37.52 -0.89 0.00	79.43 -2.99 1.26	269.82 -9.29 11.08	332.51 -13.46 -0.51	19.70 -0.92 -0.06	24.81 -0.59 -0.87	24.48 -0.82 3.18	23.96 -0.93 -0.48	32.26 -1.03 0.00
SENECA___ENERGY 23797	19.81 -0.25 0.00	19.92 -0.24 0.00	19.92 -0.27 0.82	18.58 -0.26 2.07	18.51 -0.21 2.24	21.06 -0.09 1.51	24.91 -0.03 0.20	27.86 0.21 -0.47	32.92 0.51 -0.99	32.47 0.65 0.13	38.30 0.87 -0.34	44.14 1.29 -2.05	51.92 1.66 -3.15	52.24 1.36 -3.04	52.31 1.23 -1.25	41.01 0.63 -1.97	87.47 1.18 -2.61	298.84 3.29 -5.37	348.11 0.49 -2.15	20.45 -0.12 0.00	24.65 -0.11 -0.22	28.82 -0.24 -0.59	24.28 -0.25 -0.11	33.46 -0.42 -0.58
SHOEMAKER___GT 23640	21.14 1.08 0.00	21.19 1.03 0.00	22.04 1.03 0.00	21.86 0.95 0.00	21.86 0.90 0.00	23.65 1.00 0.00	26.34 1.19 0.00	28.63 1.44 0.00	33.15 1.73 0.00	33.87 1.91 0.00	39.59 2.51 0.00	43.39 2.58 0.00	50.04 2.92 0.00	51.18 3.34 0.00	53.28 3.44 0.00	41.17 2.76 0.00	89.76 6.08 0.00	311.22 21.03 0.00	303.80 25.45 67.12	-192.49 1.46 214.52	-10.05 1.68 36.27	-0.15 1.96 30.58	-11.67 1.65 37.72	9.54 2.15 25.90
SHOEMAKR_138KV_BK 111 55601	21.13 1.07 0.00	21.18 1.02 0.00	22.04 1.03 0.00	21.85 0.94 0.00	21.85 0.89 0.00	23.64 0.99 0.00	26.33 1.18 0.00	28.62 1.43 0.00	33.15 1.73 0.00	33.89 1.94 0.00	39.60 2.51 0.00	43.42 2.61 0.00	50.05 2.94 0.00	51.19 3.35 0.00	53.32 3.49 0.00	41.22 2.81 0.00	89.84 6.16 0.00	311.37 21.18 0.00	267.87 25.54 103.14	-311.82 1.46 333.85	-54.59 1.67 80.79	-24.58 1.94 54.99	-22.28 1.64 48.33	0.83 2.14 34.61
SHOREHAM_IC_1 23715	21.84 1.78 0.00	22.96 1.75 -1.06	22.83 1.83 0.00	22.61 1.70 0.00	22.56 1.60 0.00	24.37 1.72 0.00	27.23 2.09 0.00	29.51 2.33 0.00	33.97 2.55 0.00	34.48 2.53 0.00	71.61 4.42 -30.11	83.52 4.74 -37.98	67.00 5.23 -14.66	330.00 5.90 -276.26	171.19 6.23 -115.12	309.40 4.98 -266.01	314.50 10.72 -220.09	458.57 37.02 -131.35	465.43 42.57 -77.39	260.20 2.34 -237.29	170.07 2.64 -142.89	63.01 3.12 -31.42	58.24 2.60 -31.23	50.66 3.25 -14.11
SHOREHAM_IC_2 23716	21.84 1.78 0.00	22.96 1.75 -1.06	22.83 1.83 0.00	22.61 1.70 0.00	22.56 1.60 0.00	24.37 1.72 0.00	27.23 2.09 0.00	29.51 2.33 0.00	33.97 2.55 0.00	34.48 2.53 0.00	71.61 4.42 -30.11	83.52 4.74 -37.98	67.00 5.23 -14.66	330.00 5.90 -276.26	171.19 6.23 -115.12	309.40 4.98 -266.01	314.50 10.72 -220.09	458.57 37.02 -131.35	465.43 42.57 -77.39	260.20 2.34 -237.29	170.07 2.64 -142.89	63.01 3.12 -31.42	58.24 2.60 -31.23	50.66 3.25 -14.11
SISSONVILLE____ 23735	19.10 -0.96 0.00	19.25 -0.91 0.00	-23.51 -0.99 43.53	-90.15 -0.98 110.08	-99.28 -0.98 119.27	-58.74 -1.10 80.28	13.22 -1.24 10.69	25.85 -1.44 -0.10	29.88 -1.77 -0.23	16.93 -2.08 12.94	34.58 -2.59 -0.08	36.67 -3.09 1.04	44.28 -3.51 -0.68	44.82 -3.73 -0.71	46.33 -3.80 -0.29	27.90 -3.16 7.35	76.49 -6.54 0.65	264.02 -22.54 3.63	321.46 -24.51 -0.50	19.32 -1.25 0.00	10.80 -1.51 12.22	26.99 -1.62 -0.14	23.06 -1.38 -0.03	31.65 -1.78 -0.13
SITHE_IND_GS1 24169	19.51 -0.55 0.00	19.61 -0.55 0.00	20.39 -0.61 0.00	20.29 -0.61 0.00	20.37 -0.59 0.00	22.02 -0.63 0.00	24.45 -0.69 0.00	23.09 -0.66 3.43	23.50 -0.69 7.24	30.46 -0.68 0.81	33.87 -0.74 2.48	25.01 -0.66 15.13	23.44 -0.73 22.94	24.83 -0.83 22.18	39.73 -1.00 9.11	23.21 -0.81 14.39	65.31 -1.80 16.57	266.44 -6.10 17.66	322.06 -7.74 15.67	20.08 -0.49 0.00	22.30 -0.61 1.62	23.44 -0.75 4.29	22.90 -0.67 0.84	28.09 -0.95 4.24
SITHE_IND_GS2 24170	19.51 -0.55 0.00	19.61 -0.55 0.00	20.39 -0.61 0.00	20.29 -0.61 0.00	20.37 -0.59 0.00	22.02 -0.63 0.00	24.45 -0.69 0.00	23.09 -0.66 3.43	23.50 -0.69 7.24	30.46 -0.68 0.81	33.87 -0.74 2.48	25.01 -0.66 15.13	23.44 -0.73 22.94	24.83 -0.83 22.18	39.73 -1.00 9.11	23.21 -0.81 14.39	65.31 -1.80 16.57	266.44 -6.10 17.66	322.06 -7.74 15.67	20.08 -0.49 0.00	22.30 -0.61 1.62	23.44 -0.75 4.29	22.90 -0.67 0.84	28.09 -0.95 4.24
SITHE_IND_GS3 24171	19.51 -0.55 0.00	19.61 -0.55 0.00	20.39 -0.61 0.00	20.29 -0.61 0.00	20.37 -0.59 0.00	22.02 -0.63 0.00	24.45 -0.69 0.00	23.09 -0.66 3.43	23.50 -0.69 7.24	30.46 -0.68 0.81	33.87 -0.74 2.48	25.01 -0.66 15.13	23.44 -0.73 22.94	24.83 -0.83 22.18	39.73 -1.00 9.11	23.21 -0.81 14.39	65.31 -1.80 16.57	266.44 -6.10 17.66	322.06 -7.74 15.67	20.08 -0.49 0.00	22.30 -0.61 1.62	23.44 -0.75 4.29	22.90 -0.67 0.84	28.09 -0.95 4.24
SITHE_IND_GS4 24172	19.51 -0.55 0.00	19.61 -0.55 0.00	20.39 -0.61 0.00	20.29 -0.61 0.00	20.37 -0.59 0.00	22.02 -0.63 0.00	24.45 -0.69 0.00	23.09 -0.66 3.43	23.50 -0.69 7.24	30.46 -0.68 0.81	33.87 -0.74 2.48	25.01 -0.66 15.13	23.44 -0.73 22.94	24.83 -0.83 22.18	39.73 -1.00 9.11	23.21 -0.81 14.39	65.31 -1.80 16.57	266.44 -6.10 17.66	322.06 -7.74 15.67	20.08 -0.49 0.00	22.30 -0.61 1.62	23.44 -0.75 4.29	22.90 -0.67 0.84	28.09 -0.95 4.24
SITHE___BATAVIA 24024	19.74 -0.32 0.00	20.01 -0.15 0.00	20.82 -0.18 0.00	20.75 -0.15 0.00	20.88 -0.07 0.00	22.87 0.21 0.00	25.44 0.30 0.00	28.02 0.84 0.00	32.95 1.52 0.00	33.44 1.48 0.00	38.52 1.43 0.00	42.71 1.90 0.00	49.42 2.30 0.00	49.33 1.49 0.00	50.97 1.14 0.00	39.08 -0.21 -0.88	86.52 -1.37 -4.21	280.05 -5.83 4.32	334.04 -11.43 0.00	20.00 -0.57 0.00	24.28 -0.25 0.00	26.37 0.07 2.18	24.12 -0.20 0.09	33.08 -0.21 0.00

SITHE___INDEPEND 23800	19.51 -0.55 0.00	19.61 -0.55 0.00	20.39 -0.61 0.00	20.29 -0.61 0.00	20.37 -0.59 0.00	22.02 -0.63 0.00	24.45 -0.69 0.00	23.09 -0.66 3.43	23.50 -0.68 7.24	30.46 -0.68 0.81	33.87 -0.74 2.48	25.01 -0.66 15.13	23.44 -0.73 22.94	24.83 -0.83 22.18	39.73 -1.00 9.11	23.21 -0.81 14.39	65.31 -1.81 16.57	266.38 -6.15 17.66	322.06 -7.74 15.67	20.08 -0.49 0.00	22.31 -0.61 1.62	23.44 -0.75 4.29	22.90 -0.67 0.84	28.09 -0.96 4.24
SITHE___MASSENA 23902	19.63 -0.44 0.00	19.77 -0.39 0.00	-42.42 -0.39 63.03	-138.90 -0.37 159.43	-152.15 -0.37 172.74	-94.08 -0.46 116.28	9.07 -0.59 15.48	26.40 -0.78 0.01	30.42 -1.00 0.00	11.92 -1.25 18.77	35.44 -1.64 0.00	36.63 -1.96 2.21	44.87 -2.17 0.07	45.45 -2.39 0.00	47.41 -2.42 0.00	26.86 -2.10 9.45	77.80 -4.45 1.43	269.44 -15.67 5.07	327.54 -17.92 0.00	19.69 -0.88 0.00	18.50 -0.97 5.06	27.45 -1.03 0.00	23.52 -0.89 0.00	32.19 -1.10 0.00
SITHE___OGDNSBRG 24021	19.74 -0.33 0.00	19.88 -0.28 0.00	-30.39 -0.30 51.10	-108.62 -0.28 129.25	-119.36 -0.28 140.04	-71.95 -0.33 94.26	12.16 -0.44 12.55	26.46 -0.72 0.01	30.33 -1.09 0.00	15.24 -1.49 15.22	35.19 -1.89 0.00	36.80 -2.21 1.79	44.64 -2.41 0.06	45.17 -2.67 0.00	47.10 -2.74 0.00	27.57 -2.40 8.45	77.61 -4.79 1.27	268.72 -16.93 4.53	328.72 -16.74 0.00	19.89 -0.68 0.00	14.34 -0.72 9.47	27.75 -0.73 0.00	23.73 -0.68 0.00	32.42 -0.87 0.00
SITHE___STERLING 23777	20.67 0.60 0.00	20.73 0.57 0.00	19.07 0.53 2.47	15.19 0.52 6.24	14.73 0.53 6.76	18.77 0.67 4.55	25.38 0.84 0.61	28.46 1.09 -0.19	33.14 1.31 -0.41	32.56 1.29 0.69	38.50 1.27 -0.14	42.98 1.41 -0.77	49.98 1.58 -1.29	50.76 1.67 -1.25	52.09 1.74 -0.51	40.57 1.35 -0.81	87.78 3.17 -0.93	303.22 12.03 -1.00	362.95 16.60 -0.88	21.37 0.80 0.00	30.80 0.85 -5.42	29.70 0.98 -0.24	25.41 0.95 -0.05	34.77 1.24 -0.24
SLEIGHT___34_KV_TB1 80719	19.82 -0.24 0.00	19.97 -0.19 0.00	20.76 -0.24 0.00	20.67 -0.23 0.00	20.77 -0.19 0.00	22.61 -0.05 0.00	25.16 0.02 0.00	27.63 0.31 -0.13	32.38 0.69 -0.28	32.72 0.74 -0.03	38.19 1.01 -0.09	42.88 1.50 -0.58	49.88 1.90 -0.87	50.22 1.53 -0.85	51.54 1.35 -0.35	39.46 0.50 -0.55	85.22 0.91 -0.63	293.62 2.76 -0.67	346.64 0.57 -0.60	20.50 -0.07 0.00	24.63 0.03 -0.06	27.78 -0.03 0.67	24.25 -0.16 0.00	33.20 -0.26 -0.16
SOUTH CAIRO___GT 23612	21.34 1.28 0.00	21.46 1.30 0.00	22.31 1.31 0.00	22.23 1.33 0.00	22.33 1.36 0.00	24.16 1.51 0.00	26.82 1.68 0.00	28.97 1.79 0.00	33.28 1.86 0.00	33.78 1.83 0.00	39.21 2.13 0.00	43.19 2.38 0.00	49.93 2.81 0.00	50.71 2.87 0.00	52.61 2.78 0.00	40.54 2.13 0.00	88.90 5.22 0.00	310.13 19.94 0.00	383.30 26.59 -11.24	43.61 1.79 -21.25	234.40 2.11 -207.76	110.13 2.52 -79.14	38.11 1.95 -11.75	37.97 2.59 -2.09
SOUTH HAMPTN___IC 23720	22.21 2.15 0.00	23.27 2.06 -1.06	23.16 2.16 0.00	22.92 2.01 0.00	22.84 1.88 0.00	24.64 1.99 0.00	27.62 2.48 0.00	30.03 2.84 0.00	34.53 3.12 0.00	35.08 3.13 0.00	72.52 5.25 -30.18	83.53 5.78 -36.95	67.45 6.25 -14.08	324.59 6.99 -269.77	168.16 7.40 -110.92	301.13 5.80 -256.92	308.73 12.37 -212.69	460.01 42.61 -127.21	469.36 48.57 -75.32	254.01 2.62 -230.83	167.72 2.98 -140.21	63.37 3.48 -31.42	58.56 2.92 -31.23	51.06 3.66 -14.11
SOUTHDOW___115KV_TB1 355954	20.02 -0.04 0.00	20.30 0.14 0.00	21.08 0.08 0.00	21.04 0.13 0.00	21.16 0.20 0.00	23.22 0.57 0.00	25.86 0.71 0.00	28.55 1.36 0.00	33.63 2.21 0.00	34.33 2.38 0.00	39.96 2.87 0.00	44.44 3.63 0.00	51.45 4.34 0.00	51.19 3.35 0.00	52.36 2.52 0.00	38.70 0.40 0.10	81.93 -0.48 1.27	283.38 -0.62 6.18	342.87 -3.16 -0.56	20.18 -0.46 -0.06	25.93 0.45 -0.95	24.88 0.14 3.74	24.84 -0.08 -0.51	33.43 0.14 0.00
SOUTHOLD_69_KV_BK 2 55809	22.57 2.51 0.00	23.52 2.30 -1.06	23.42 2.42 0.00	23.15 2.25 0.00	23.00 2.04 0.00	24.76 2.11 0.00	27.93 2.78 0.00	30.50 3.32 0.00	34.91 3.49 0.00	35.01 3.06 0.00	72.58 5.33 -30.17	83.78 6.02 -36.96	67.36 6.15 -14.09	324.72 7.09 -269.79	168.33 7.52 -110.97	301.29 5.84 -257.04	308.80 12.34 -212.78	459.88 42.42 -127.27	468.45 47.63 -75.35	253.91 2.43 -230.91	167.80 3.02 -140.24	63.58 3.68 -31.42	58.74 3.10 -31.23	51.29 3.88 -14.11
SOUTHOLD___IC 23719	22.57 2.51 0.00	23.52 2.30 -1.06	23.42 2.41 0.00	23.16 2.25 0.00	23.01 2.04 0.00	24.76 2.11 0.00	27.93 2.78 0.00	30.50 3.31 0.00	34.91 3.49 0.00	35.01 3.06 0.00	72.58 5.32 -30.17	83.78 6.02 -36.96	67.36 6.15 -14.09	324.72 7.09 -269.79	168.34 7.53 -110.97	301.29 5.84 -257.04	308.80 12.34 -212.78	459.81 42.36 -127.27	468.45 47.63 -75.35	253.92 2.43 -230.91	167.80 3.03 -140.24	63.58 3.68 -31.42	58.74 3.11 -31.23	51.28 3.88 -14.11
SOUTH_FORK_WT_PWR 323839	22.51 2.45 0.00	23.40 2.18 -1.06	23.32 2.31 0.00	23.04 2.13 0.00	22.84 1.88 0.00	24.54 1.88 0.00	27.78 2.64 0.00	30.40 3.22 0.00	34.76 3.34 0.00	35.22 3.27 0.00	72.93 5.67 -30.18	84.23 6.47 -36.95	67.53 6.33 -14.08	324.93 7.31 -269.78	168.49 7.71 -110.95	301.34 5.95 -256.98	308.77 12.37 -212.73	459.77 42.35 -127.24	468.31 47.51 -75.34	253.79 2.35 -230.87	167.51 2.75 -140.22	63.15 3.26 -31.42	58.42 2.79 -31.23	50.86 3.46 -14.11
SPIERFLS_115KV_TB 1 80737	21.09 1.03 0.00	21.17 1.01 0.00	22.00 1.00 0.00	21.97 1.06 0.00	22.02 1.06 0.00	23.89 1.24 0.00	26.53 1.39 0.00	28.66 1.48 0.00	33.07 1.65 0.00	33.63 1.68 0.00	38.83 1.75 0.00	42.81 2.01 0.00	49.69 2.58 0.00	50.79 2.95 0.00	53.06 3.22 0.00	40.98 2.57 0.00	89.56 5.88 0.00	311.71 21.52 0.00	393.33 29.51 -18.34	41.14 1.72 -18.84	621.72 2.15 -595.03	245.32 2.28 -214.56	48.58 2.29 -21.88	38.67 2.85 -2.53
ST LAWRENCE____ 23600	19.64 -0.43 0.00	19.77 -0.39 0.00	25.55 -0.38 -4.92	33.02 -0.36 -12.48	34.13 -0.35 -13.52	31.31 -0.44 -9.10	25.79 -0.56 -1.21	26.46 -0.72 0.00	30.50 -0.92 0.00	32.28 -1.13 -1.46	35.57 -1.51 0.00	39.17 -1.80 -0.17	45.10 -2.02 -0.01	45.64 -2.20 0.00	47.61 -2.23 0.00	26.72 -1.82 9.87	78.31 -3.87 1.49	271.34 -13.54 5.30	329.61 -15.86 0.00	19.76 -0.80 0.00	20.53 -0.92 3.08	27.47 -1.00 0.00	23.56 -0.85 0.00	32.26 -1.04 0.00
STATE_CA_115KV_115_LB 55624	20.70 0.64 0.00	20.80 0.64 0.00	21.65 0.65 0.00	21.55 0.65 0.00	21.61 0.65 0.00	23.35 0.69 0.00	25.92 0.78 0.00	28.05 0.86 0.00	32.33 0.91 0.00	32.90 0.94 0.00	38.26 1.18 0.00	41.99 1.18 0.00	48.57 1.46 0.00	49.64 1.81 0.00	51.83 2.00 0.00	40.08 1.67 0.00	87.34 3.66 0.00	302.45 12.26 0.00	374.98 14.77 -14.75	39.83 0.86 -18.39	420.23 1.07 -394.62	172.36 1.23 -142.66	43.13 1.04 -17.68	37.38 1.38 -2.70
STATE_ST_34_KV_LOAD 55959	20.23 0.16 0.00	20.34 0.18 0.00	20.30 0.15 0.85	18.91 0.16 2.15	18.82 0.18 2.33	21.36 0.28 1.57	25.31 0.38 0.21	28.32 0.60 -0.54	33.40 0.83 -1.15	32.59 0.77 0.13	38.53 1.05 -0.39	44.47 1.28 -2.38	52.43 1.66 -3.65	53.02 1.66 -3.53	52.64 1.36 -1.45	41.53 0.83 -2.29	88.55 2.07 -2.81	302.46 7.95 -4.32	355.97 8.01 -2.49	20.86 0.29 0.00	25.11 0.32 -0.26	30.72 0.30 -1.94	24.84 0.25 -0.18	34.29 0.32 -0.67

STATION_5_MISC_HYD 23604	19.74 -0.33 0.00	19.94 -0.21 0.00	20.75 -0.25 0.00	20.66 -0.25 0.00	20.76 -0.20 0.00	22.63 -0.02 0.00	25.14 -0.01 0.00	27.52 0.34 0.00	32.23 0.81 0.00	32.84 0.89 0.00	38.22 1.14 0.00	42.50 1.70 0.00	49.21 2.09 0.00	49.38 1.54 0.00	51.18 1.34 0.00	38.82 0.28 -0.13	84.44 0.03 -0.73	289.69 -0.67 -0.17	341.51 -3.96 0.00	20.35 -0.22 0.00	24.48 -0.06 0.00	26.68 -0.12 1.67	24.09 -0.26 0.06	32.96 -0.33 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	19.97 -0.09 0.00	20.14 -0.02 0.00	20.94 -0.06 0.00	20.85 -0.05 0.00	20.96 0.00 0.00	22.83 0.18 0.00	25.39 0.24 0.00	27.91 0.59 -0.14	32.77 1.05 -0.29	33.15 1.17 -0.03	38.64 1.46 -0.10	43.46 2.04 -0.62	50.55 2.50 -0.93	50.83 2.09 -0.90	52.15 1.95 -0.37	40.03 0.96 -0.66	86.49 1.71 -1.10	295.11 4.13 -0.80	348.18 2.08 -0.64	20.62 0.05 0.00	24.80 0.20 -0.07	27.25 0.16 1.39	24.38 0.00 0.03	33.42 -0.05 -0.17
STA_56_34_KV_BUS2_REV_LBMP_B 345033	19.66 -0.41 0.00	19.85 -0.31 0.00	20.65 -0.35 0.00	20.56 -0.35 0.00	20.66 -0.30 0.00	22.51 -0.15 0.00	25.02 -0.13 0.00	27.38 0.20 0.00	32.06 0.64 0.00	32.69 0.73 0.00	38.05 0.96 0.00	42.32 1.51 0.00	49.01 1.89 0.00	49.20 1.36 0.00	51.01 1.17 0.00	38.74 0.20 -0.12	84.28 -0.09 -0.69	288.90 -1.45 -0.16	341.00 -4.47 0.00	20.28 -0.29 0.00	24.39 -0.15 0.00	26.65 -0.21 1.62	23.99 -0.36 0.06	32.82 -0.47 0.00
STA_56___34_KV_BUS2 355983	19.66 -0.41 0.00	19.85 -0.31 0.00	20.65 -0.35 0.00	20.56 -0.35 0.00	20.66 -0.30 0.00	22.51 -0.15 0.00	25.02 -0.13 0.00	27.38 0.20 0.00	32.06 0.64 0.00	32.69 0.73 0.00	38.05 0.96 0.00	42.32 1.51 0.00	49.01 1.89 0.00	49.20 1.36 0.00	51.01 1.17 0.00	38.74 0.20 -0.12	84.28 -0.09 -0.69	288.90 -1.45 -0.16	341.00 -4.47 0.00	20.28 -0.29 0.00	24.39 -0.15 0.00	26.65 -0.21 1.62	23.99 -0.36 0.06	32.82 -0.47 0.00
STA_67___115KV_BK2 355882	19.68 -0.38 0.00	19.89 -0.27 0.00	20.69 -0.31 0.00	20.60 -0.31 0.00	20.70 -0.26 0.00	22.57 -0.08 0.00	25.07 -0.07 0.00	27.45 0.26 0.00	32.12 0.70 0.00	32.74 0.78 0.00	38.09 1.00 0.00	42.35 1.55 0.00	49.02 1.91 0.00	49.16 1.32 0.00	50.97 1.13 0.00	38.65 0.11 -0.13	84.07 -0.32 -0.71	288.54 -1.81 -0.16	340.67 -4.80 0.00	20.26 -0.31 0.00	24.38 -0.15 0.00	26.60 -0.21 1.67	23.99 -0.35 0.06	32.85 -0.44 0.00
STA_7___115KV_9TRANS 80674	19.86 -0.20 0.00	20.07 -0.09 0.00	20.87 -0.13 0.00	20.77 -0.13 0.00	20.87 -0.09 0.00	22.76 0.11 0.00	25.29 0.14 0.00	27.70 0.52 0.00	32.45 1.03 0.00	33.08 1.13 0.00	38.53 1.44 0.00	42.86 2.05 0.00	49.65 2.54 0.00	49.84 2.00 0.00	51.67 1.84 0.00	39.20 0.66 -0.13	85.26 0.84 -0.73	292.30 1.94 -0.17	344.87 -0.60 0.00	20.50 -0.07 0.00	24.65 0.12 0.00	26.92 0.11 1.67	24.25 -0.09 0.06	33.18 -0.11 0.00
STA_82___115KV_TB1 80780	19.69 -0.38 0.00	19.90 -0.26 0.00	20.70 -0.30 0.00	20.61 -0.30 0.00	20.72 -0.24 0.00	22.58 -0.07 0.00	25.09 -0.06 0.00	27.46 0.28 0.00	32.14 0.73 0.00	32.75 0.80 0.00	38.10 1.02 0.00	42.36 1.56 0.00	49.05 1.93 0.00	49.18 1.34 0.00	51.00 1.16 0.00	38.68 0.12 -0.15	84.24 -0.26 -0.82	288.69 -1.69 -0.19	340.67 -4.79 0.00	20.26 -0.30 0.00	24.38 -0.15 0.00	26.60 -0.19 1.68	24.01 -0.34 0.06	32.87 -0.42 0.00
STEEL___WIND 323596	19.25 -0.82 0.00	19.57 -0.59 0.00	20.37 -0.63 0.00	20.30 -0.60 0.00	20.45 -0.52 0.00	22.40 -0.25 0.00	24.90 -0.25 0.00	27.41 0.22 0.00	32.22 0.80 0.00	32.86 0.91 0.00	38.17 1.08 0.00	42.60 1.80 0.00	49.27 2.15 0.00	48.91 1.07 0.00	50.56 0.73 0.00	37.49 -0.92 0.00	79.29 -3.13 1.26	269.10 -10.01 11.08	331.21 -14.77 -0.51	19.69 -0.94 -0.06	24.78 -0.62 -0.87	24.39 -0.91 3.18	23.92 -0.97 -0.48	32.23 -1.06 0.00
STEPHTWN_115KV_BK_2 55603	20.72 0.66 0.00	20.80 0.64 0.00	21.65 0.65 0.00	21.58 0.68 0.00	21.61 0.64 0.00	23.37 0.72 0.00	26.01 0.86 0.00	28.12 0.94 0.00	32.35 0.93 0.00	32.97 1.02 0.00	38.46 1.37 0.00	42.20 1.39 0.00	48.67 1.56 0.00	49.75 1.91 0.00	51.93 2.10 0.00	40.12 1.71 0.00	87.51 3.84 0.00	303.55 13.36 0.00	374.99 16.17 -13.35	39.61 0.91 -18.13	322.83 1.21 -297.09	145.05 1.28 -115.29	41.49 1.07 -16.00	37.58 1.54 -2.74
STEUBEN_REC_LFGE 323667	19.38 -0.68 0.00	19.62 -0.54 0.00	20.44 -0.56 0.00	20.52 -0.39 0.00	20.72 -0.24 0.00	22.91 0.26 0.00	25.43 0.28 0.00	27.99 0.64 -0.18	33.37 1.54 -0.40	33.53 1.53 -0.05	38.92 1.71 -0.13	43.87 2.29 -0.77	50.93 2.65 -1.17	50.97 2.00 -1.13	52.03 1.73 -0.46	38.85 -0.20 -0.64	85.48 -1.32 -3.12	308.72 -6.57 -25.10	341.27 -5.71 -1.51	19.94 -0.78 -0.15	38.01 -1.15 -14.63	21.45 -1.55 5.47	23.37 -1.50 -0.46	31.80 -1.71 -0.22
STILLWATER___SOLAR 323814	21.18 1.12 0.00	21.26 1.10 0.00	22.11 1.11 0.00	22.04 1.13 0.00	22.10 1.13 0.00	23.93 1.28 0.00	26.56 1.42 0.00	28.71 1.53 0.00	33.10 1.68 0.00	33.68 1.73 0.00	39.03 1.94 0.00	42.92 2.11 0.00	49.67 2.56 0.00	50.76 2.92 0.00	53.03 3.19 0.00	40.95 2.54 0.00	89.57 5.90 0.00	311.03 20.84 0.00	390.30 26.80 -18.03	41.23 1.58 -19.07	600.91 1.97 -574.41	237.41 2.18 -206.76	47.85 1.90 -21.54	38.36 2.47 -2.60
STONY___BROOK 24151	21.88 1.81 0.00	23.05 1.83 -1.06	22.93 1.93 0.00	22.71 1.81 0.00	22.68 1.72 0.00	24.50 1.85 0.00	27.34 2.20 0.00	29.60 2.41 0.00	34.07 2.65 0.00	34.53 2.58 0.00	72.97 4.64 -31.25	89.69 4.94 -43.95	70.23 5.30 -17.82	371.29 5.79 -317.66	194.02 6.10 -138.09	358.56 4.95 -315.21	354.29 10.56 -260.05	479.87 36.06 -153.62	475.23 41.29 -88.48	295.39 2.30 -272.53	184.68 2.57 -157.58	62.95 3.05 -31.42	58.25 2.61 -31.23	50.79 3.39 -14.11
STURGEON_POOL_HYD 23609	21.42 1.35 0.00	21.43 1.27 0.00	22.29 1.29 0.00	22.07 1.17 0.00	22.05 1.09 0.00	23.85 1.19 0.00	26.58 1.44 0.00	28.97 1.78 0.00	33.59 2.17 0.00	34.38 2.43 0.00	40.33 3.24 0.00	44.35 3.55 0.00	51.09 3.98 0.00	52.35 4.51 0.00	54.59 4.75 0.00	42.25 3.84 0.00	91.81 8.13 0.00	318.05 27.86 0.00	387.04 32.81 -8.77	53.95 1.84 -31.54	121.42 2.05 -94.84	65.97 2.41 -35.09	32.45 1.99 -6.05	37.07 2.56 -1.22
ST_LAW_115_BK7_LBMP 345037	19.59 -0.47 0.00	19.73 -0.43 0.00	26.49 -0.42 -5.91	35.46 -0.40 -14.96	36.76 -0.41 -16.21	33.07 -0.49 -10.91	25.97 -0.62 -1.45	26.39 -0.79 0.00	30.40 -1.02 0.00	32.48 -1.23 -1.76	35.44 -1.64 0.00	39.07 -1.95 -0.21	44.95 -2.17 -0.01	45.46 -2.38 0.00	47.42 -2.41 0.00	26.63 -1.99 9.79	77.92 -4.27 1.48	270.04 -14.89 5.25	327.99 -17.47 0.00	19.69 -0.88 0.00	19.96 -1.01 3.57	27.39 -1.09 0.00	23.48 -0.92 0.00	32.16 -1.14 0.00
ST_LAW_115_BK8_LBMP 345038	19.59 -0.47 0.00	19.73 -0.43 0.00	26.49 -0.42 -5.91	35.46 -0.40 -14.96	36.76 -0.41 -16.21	33.07 -0.49 -10.91	25.97 -0.62 -1.45	26.39 -0.79 0.00	30.40 -1.02 0.00	32.48 -1.23 -1.76	35.44 -1.64 0.00	39.07 -1.95 -0.21	44.95 -2.17 -0.01	45.46 -2.38 0.00	47.42 -2.41 0.00	26.63 -1.99 9.79	77.92 -4.27 1.48	270.04 -14.89 5.25	327.99 -17.47 0.00	19.69 -0.88 0.00	19.96 -1.01 3.57	27.39 -1.09 0.00	23.48 -0.92 0.00	32.16 -1.14 0.00

ST_LAW_230_BK5_LBMP 345035	19.64 -0.43 0.00	19.77 -0.39 0.00	24.12 -0.38 -3.49	29.38 -0.36 -8.83	30.18 -0.35 -9.57	28.66 -0.44 -6.44	25.44 -0.56 -0.86	26.46 -0.72 0.00	30.50 -0.92 0.00	31.87 -1.13 -1.04	35.57 -1.51 0.00	39.13 -1.80 -0.12	45.10 -2.02 -0.01	45.64 -2.20 0.00	47.61 -2.23 0.00	26.59 -1.82 9.99	78.30 -3.87 1.51	271.28 -13.54 5.37	329.61 -15.86 0.00	19.76 -0.80 0.00	20.94 -0.92 2.67	27.47 -1.00 0.00	23.56 -0.85 0.00	32.26 -1.04 0.00
ST_LAW_230_BK6_LBMP 345036	19.64 -0.43 0.00	19.77 -0.39 0.00	24.12 -0.38 -3.49	29.38 -0.36 -8.83	30.18 -0.35 -9.57	28.66 -0.44 -6.44	25.44 -0.56 -0.86	26.46 -0.72 0.00	30.50 -0.92 0.00	31.87 -1.13 -1.04	35.57 -1.51 0.00	39.13 -1.80 -0.12	45.10 -2.02 -0.01	45.64 -2.20 0.00	47.61 -2.23 0.00	26.59 -1.82 9.99	78.30 -3.87 1.51	271.28 -13.54 5.37	329.61 -15.86 0.00	19.76 -0.80 0.00	20.94 -0.92 2.67	27.47 -1.00 0.00	23.56 -0.85 0.00	32.26 -1.04 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	21.27 1.21 0.00	21.31 1.15 0.00	22.17 1.17 0.00	21.97 1.06 0.00	21.95 0.99 0.00	23.75 1.10 0.00	26.47 1.32 0.00	28.81 1.62 0.00	33.40 1.98 0.00	34.18 2.24 0.00	39.99 2.91 0.00	43.85 3.05 0.00	50.53 3.42 0.00	51.71 3.87 0.00	53.94 4.11 0.00	41.70 3.29 0.00	90.87 7.20 0.00	314.91 24.73 0.00	428.12 29.50 -53.15	206.12 1.65 -183.90	138.81 1.87 -112.41	81.57 2.17 -50.93	23.95 1.85 2.32	38.91 2.43 -3.18
SWANROAD_115KV_TB1 355699	18.66 -1.40 0.00	19.01 -1.15 0.00	19.80 -1.20 0.00	19.73 -1.18 0.00	19.88 -1.08 0.00	21.77 -0.88 0.00	24.16 -0.99 0.00	26.57 -0.61 0.00	31.26 -0.16 0.00	31.82 -0.13 0.00	36.90 -0.18 0.00	41.15 0.35 0.00	47.58 0.46 0.00	47.05 -0.79 0.00	48.66 -1.18 0.00	36.52 -2.45 -0.56	79.61 -6.18 -2.11	262.28 -20.22 7.69	319.57 -26.35 -0.46	19.03 -1.59 -0.05	23.90 -1.42 -0.78	24.25 -1.59 2.64	23.18 -1.67 -0.44	31.19 -2.10 0.00
SYNERGY___BIOGAS 323694	19.74 -0.32 0.00	20.01 -0.15 0.00	20.82 -0.18 0.00	20.75 -0.15 0.00	20.88 -0.07 0.00	22.87 0.21 0.00	25.44 0.30 0.00	28.02 0.84 0.00	32.95 1.52 0.00	33.44 1.48 0.00	38.52 1.43 0.00	42.71 1.90 0.00	49.42 2.30 0.00	49.33 1.49 0.00	50.97 1.14 0.00	39.08 -0.21 -0.88	86.52 -1.37 -4.21	280.05 -5.83 4.32	334.04 -11.43 0.00	20.00 -0.57 0.00	24.28 -0.25 0.00	26.37 0.07 2.18	24.12 -0.20 0.09	33.08 -0.21 0.00
SYRACUSE___ENERGY_ST1 323597	20.06 0.00 0.00	20.15 -0.01 0.00	19.92 -0.05 1.03	18.23 -0.05 2.62	18.09 -0.03 2.84	20.76 0.02 1.91	24.94 0.05 0.25	28.03 0.20 -0.65	33.14 0.35 -1.38	32.26 0.46 0.15	38.15 0.59 -0.47	44.53 0.88 -2.85	52.58 1.09 -4.37	53.10 1.04 -4.23	52.50 0.93 -1.74	41.80 0.64 -2.74	88.26 1.43 -3.16	298.54 4.99 -3.37	353.65 5.20 -2.99	20.75 0.18 0.00	25.02 0.18 -0.31	29.42 0.13 -0.82	24.64 0.07 -0.16	34.14 0.04 -0.81
SYRACUSE___ENERGY_ST2 323598	20.06 0.00 0.00	20.15 -0.01 0.00	19.92 -0.05 1.03	18.23 -0.05 2.62	18.09 -0.03 2.84	20.76 0.02 1.91	24.94 0.05 0.25	28.03 0.20 -0.65	33.14 0.35 -1.38	32.26 0.46 0.15	38.15 0.59 -0.47	44.53 0.88 -2.85	52.58 1.09 -4.37	53.10 1.04 -4.23	52.50 0.93 -1.74	41.80 0.64 -2.74	88.26 1.43 -3.16	298.54 4.99 -3.37	353.65 5.20 -2.99	20.75 0.18 0.00	25.02 0.18 -0.31	29.42 0.13 -0.82	24.64 0.07 -0.16	34.14 0.04 -0.81
SYRACUSE___POWER 24017	20.02 -0.04 0.00	20.11 -0.05 0.00	19.81 -0.10 1.10	18.03 -0.10 2.78	17.86 -0.08 3.01	20.59 -0.04 2.03	24.86 -0.01 0.27	27.76 0.13 -0.44	32.63 0.28 -0.93	32.13 0.41 0.22	37.94 0.54 -0.32	43.55 0.85 -1.90	51.08 1.02 -2.94	51.67 0.98 -2.85	51.92 0.92 -1.17	40.90 0.64 -1.85	87.20 1.40 -2.13	297.28 4.83 -2.27	352.47 4.99 -2.01	20.73 0.16 0.00	24.90 0.16 -0.21	29.13 0.11 -0.55	24.55 0.03 -0.11	33.83 -0.01 -0.54
TALLMAN___138KV_BK151 55660	21.41 1.35 0.00	21.46 1.30 0.00	22.33 1.33 0.00	22.10 1.20 0.00	22.08 1.11 0.00	23.88 1.23 0.00	26.63 1.48 0.00	29.02 1.83 0.00	33.66 2.24 0.00	34.51 2.56 0.00	40.40 3.31 0.00	44.26 3.46 0.00	50.95 3.84 0.00	52.15 4.31 0.00	54.43 4.60 0.00	42.16 3.75 0.00	91.81 8.13 0.00	317.85 27.66 0.00	416.86 33.00 -38.39	158.25 1.81 -135.87	122.72 2.06 -96.12	72.41 2.40 -41.54	15.10 2.05 11.36	33.30 2.73 2.72
TEALLAVE_115KV_TB7 355573	19.95 -0.12 0.00	20.03 -0.12 0.00	19.60 -0.17 1.24	17.61 -0.17 3.13	17.42 -0.16 3.39	20.26 -0.11 2.28	24.75 -0.09 0.30	27.58 0.04 -0.36	32.35 0.18 -0.75	31.98 0.31 0.28	37.74 0.40 -0.26	43.02 0.69 -1.53	50.33 0.83 -2.38	50.89 0.75 -2.31	51.47 0.68 -0.95	40.35 0.44 -1.50	86.33 0.93 -1.72	295.33 3.31 -1.84	350.36 3.27 -1.63	20.63 0.06 0.00	24.76 0.06 -0.17	28.91 -0.01 -0.45	24.45 -0.05 -0.09	33.59 -0.14 -0.44
TELGRAPH_34_KV_EAST 80808	19.19 -0.87 0.00	19.50 -0.66 0.00	20.30 -0.70 0.00	20.23 -0.68 0.00	20.37 -0.59 0.00	22.30 -0.35 0.00	24.78 -0.37 0.00	27.28 0.10 0.00	32.09 0.67 0.00	32.66 0.70 0.00	37.86 0.77 0.00	42.17 1.37 0.00	48.78 1.66 0.00	48.42 0.58 0.00	50.07 0.23 0.00	38.31 -1.20 -1.10	85.41 -3.51 -5.25	273.05 -11.71 5.43	329.17 -16.74 -0.44	19.60 -1.02 -0.05	24.52 -0.75 -0.74	25.35 -0.80 2.33	23.84 -0.98 -0.42	32.11 -1.19 0.00
TEMPLE___115KV_TB 2 55572	19.96 -0.10 0.00	20.04 -0.11 0.00	19.64 -0.16 1.20	17.70 -0.16 3.05	17.51 -0.15 3.30	20.33 -0.10 2.22	24.77 -0.08 0.30	27.60 0.07 -0.36	32.38 0.20 -0.75	32.01 0.34 0.27	37.79 0.44 -0.26	43.08 0.74 -1.53	50.38 0.89 -2.38	50.96 0.82 -2.30	51.53 0.75 -0.94	40.39 0.49 -1.49	86.41 1.02 -1.72	295.62 3.60 -1.83	350.65 3.56 -1.63	20.65 0.08 0.00	24.78 0.07 -0.17	28.93 0.01 -0.45	24.45 -0.05 -0.09	33.61 -0.12 -0.44
TIANA___69_KV_BK 1 55817	22.14 2.08 0.00	23.23 2.01 -1.06	23.11 2.11 0.00	22.87 1.97 0.00	22.81 1.84 0.00	24.62 1.97 0.00	27.56 2.42 0.00	29.94 2.75 0.00	34.45 3.03 0.00	34.98 3.03 0.00	72.36 5.10 -30.17	83.33 5.57 -36.95	67.30 6.10 -14.09	324.42 6.80 -269.78	168.00 7.20 -110.96	301.11 5.68 -257.02	308.57 12.13 -212.76	459.32 41.88 -127.26	468.84 48.02 -75.35	254.07 2.61 -230.90	167.74 2.97 -140.23	63.37 3.48 -31.42	58.55 2.91 -31.23	51.05 3.65 -14.11
TILDEN___115KV_TB1 80814	20.02 -0.04 0.00	20.11 -0.05 0.00	19.81 -0.10 1.10	18.03 -0.10 2.78	17.86 -0.08 3.01	20.59 -0.04 2.03	24.86 -0.01 0.27	27.76 0.13 -0.44	32.63 0.28 -0.93	32.13 0.41 0.22	37.94 0.54 -0.32	43.55 0.85 -1.90	51.08 1.02 -2.94	51.67 0.98 -2.85	51.92 0.92 -1.17	40.90 0.64 -1.85	87.20 1.40 -2.13	297.28 4.83 -2.27	352.47 4.99 -2.01	20.73 0.16 0.00	24.90 0.16 -0.21	29.13 0.11 -0.55	24.55 0.03 -0.11	33.83 -0.01 -0.54
TRIGEN___CC 323695	21.77 1.71 0.00	22.91 1.70 -1.06	22.77 1.76 0.00	22.56 1.66 0.00	22.52 1.56 0.00	24.36 1.71 0.00	27.12 1.97 0.00	29.40 2.22 0.00	33.98 2.56 0.00	34.63 2.68 0.00	43.26 3.99 -2.19	52.47 4.20 -7.47	52.62 4.62 -0.89	62.02 5.15 -9.03	70.60 5.54 -15.22	138.90 4.48 -96.02	187.05 9.61 -93.77	391.69 32.81 -68.69	433.78 38.28 -50.03	112.19 2.11 -89.52	105.92 2.36 -79.03	62.72 2.82 -31.42	58.09 2.45 -31.23	50.61 3.20 -14.11

TRINITY__115KV__4 BK 55933	20.60 0.53 0.00	20.70 0.54 0.00	21.54 0.54 0.00	21.45 0.54 0.00	21.50 0.54 0.00	23.22 0.57 0.00	25.78 0.64 0.00	27.88 0.70 0.00	32.10 0.68 0.00	32.66 0.71 0.00	37.98 0.89 0.00	41.67 0.87 0.00	48.20 1.08 0.00	49.27 1.43 0.00	51.41 1.57 0.00	39.74 1.33 0.00	86.59 2.92 0.00	300.06 9.88 0.00	371.00 11.96 -13.57	39.42 0.69 -18.16	350.58 0.88 -325.17	149.09 1.01 -119.60	41.57 0.87 -16.29	37.21 1.17 -2.74
UNION__PROCESSING_DRP 323587	19.69 -0.37 0.00	19.90 -0.26 0.00	20.71 -0.30 0.00	20.62 -0.29 0.00	20.72 -0.24 0.00	22.59 -0.06 0.00	25.09 -0.06 0.00	27.47 0.28 0.00	32.15 0.73 0.00	32.76 0.81 0.00	38.11 1.03 0.00	42.37 1.57 0.00	49.07 1.95 0.00	49.20 1.36 0.00	51.01 1.17 0.00	38.71 0.14 -0.16	84.32 -0.23 -0.87	288.77 -1.62 -0.21	340.89 -4.58 0.00	20.27 -0.30 0.00	24.39 -0.15 0.00	26.61 -0.19 1.68	24.01 -0.33 0.06	32.87 -0.42 0.00
UPPER HUDSON__HYD 24058	21.09 1.03 0.00	21.17 1.01 0.00	22.00 1.00 0.00	21.96 1.06 0.00	22.02 1.06 0.00	23.89 1.24 0.00	26.53 1.39 0.00	28.66 1.48 0.00	33.07 1.65 0.00	33.63 1.68 0.00	38.83 1.75 0.00	42.81 2.01 0.00	49.69 2.58 0.00	50.79 2.95 0.00	53.06 3.22 0.00	40.98 2.57 0.00	89.56 5.89 0.00	311.71 21.52 0.00	393.31 29.50 -18.34	41.14 1.73 -18.84	621.72 2.16 -595.03	245.32 2.28 -214.56	48.58 2.29 -21.88	38.67 2.85 -2.53
UPPER RAQUET__HYD 24056	19.10 -0.96 0.00	19.25 -0.91 0.00	-23.51 -0.99 43.53	-90.15 -0.98 110.08	-99.28 -0.98 119.27	-58.74 -1.10 80.28	13.22 -1.24 10.69	25.85 -1.44 -0.10	29.88 -1.77 -0.23	16.93 -2.08 12.94	34.58 -2.59 -0.08	36.67 -3.09 1.04	44.28 -3.51 -0.68	44.82 -3.73 -0.71	46.33 -3.80 -0.29	27.89 -3.17 7.35	76.48 -6.54 0.65	264.06 -22.50 3.63	321.50 -24.46 -0.50	19.32 -1.25 0.00	10.80 -1.52 12.22	26.99 -1.62 -0.14	23.06 -1.37 -0.03	31.65 -1.78 -0.13
VALLEY44_115KV_TB2 355964	19.50 -0.57 0.00	19.78 -0.38 0.00	20.66 -0.35 0.00	20.62 -0.29 0.00	20.67 -0.29 0.00	22.64 -0.01 0.00	25.11 -0.03 0.00	27.55 0.37 0.00	32.38 0.96 0.00	32.91 0.96 0.00	38.20 1.12 0.00	42.46 1.66 0.00	48.74 1.63 0.00	48.75 0.91 0.00	50.65 0.81 0.00	37.75 -0.58 0.08	81.00 -1.72 0.96	280.21 -5.34 4.63	336.53 -9.52 -0.58	19.79 -0.85 -0.07	24.94 -0.57 -0.98	23.60 -1.01 3.86	24.00 -0.94 -0.53	32.39 -0.90 0.00
VALLEY__115KV_TB 1-4 80826	20.58 0.51 0.00	20.65 0.49 0.00	20.53 0.45 0.92	18.99 0.41 2.32	18.85 0.41 2.51	21.42 0.46 1.69	25.45 0.53 0.22	27.84 0.66 0.00	32.15 0.73 0.00	32.56 0.88 0.27	38.07 0.98 0.00	41.70 0.93 0.03	48.05 0.94 0.00	49.27 1.43 0.00	51.47 1.64 0.00	40.35 1.46 -0.48	87.03 3.29 -0.07	302.82 12.38 -0.26	363.16 17.69 0.00	21.57 1.00 0.00	28.41 1.25 -2.62	29.74 1.27 0.00	25.46 1.05 0.00	34.64 1.35 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	21.00 0.94 0.00	21.07 0.91 0.00	21.92 0.92 0.00	21.77 0.87 0.00	21.85 0.88 0.00	23.65 1.00 0.00	26.30 1.16 0.00	28.66 1.37 -0.11	33.35 1.70 -0.23	33.83 1.85 -0.03	39.48 2.32 -0.08	43.86 2.58 -0.48	50.79 2.95 -0.73	51.49 2.94 -0.70	53.18 3.05 -0.29	41.26 2.39 -0.46	89.45 5.25 -0.53	309.28 18.54 -0.56	370.82 22.24 -3.11	23.41 1.21 -1.64	102.84 1.48 -76.83	57.57 1.68 -27.41	28.88 1.39 -3.08	35.18 1.75 -0.13
VISCHER__FERRY HYD 24020	20.95 0.89 0.00	21.05 0.89 0.00	21.90 0.90 0.00	21.83 0.93 0.00	21.88 0.91 0.00	23.66 1.01 0.00	26.24 1.10 0.00	28.37 1.19 0.00	32.66 1.24 0.00	33.21 1.26 0.00	38.57 1.48 0.00	42.40 1.59 0.00	49.08 1.97 0.00	50.23 2.39 0.00	52.44 2.60 0.00	40.49 2.07 0.00	88.34 4.67 0.00	306.38 16.20 0.00	382.28 19.98 -16.83	41.32 1.17 -19.59	526.11 1.47 -500.11	208.84 1.66 -178.71	46.03 1.42 -20.20	37.99 1.88 -2.81
V_A_10_SYNC_DSASP 323832	19.10 -0.96 0.00	19.40 -0.76 0.00	20.21 -0.79 0.00	20.15 -0.76 0.00	20.26 -0.71 0.00	22.14 -0.51 0.00	24.56 -0.58 0.00	26.95 -0.23 0.00	31.62 0.20 0.00	32.20 0.25 0.00	37.39 0.30 0.00	41.62 0.82 0.00	48.09 0.97 0.00	47.85 0.01 0.00	49.50 -0.33 0.00	36.86 -1.45 0.10	78.71 -3.80 1.17	271.67 -12.97 5.55	327.32 -18.15 0.00	19.50 -1.07 0.00	23.60 -0.94 0.00	25.19 -1.10 2.19	23.22 -1.11 0.08	31.93 -1.37 0.00
V_CMM_10_SYNC_DSASP 323787	19.69 -0.37 0.00	19.82 -0.34 0.00	26.59 -0.33 -5.91	35.56 -0.31 -14.96	36.86 -0.31 -16.21	33.18 -0.38 -10.91	26.09 -0.50 -1.45	26.53 -0.66 0.00	30.57 -0.85 0.00	32.64 -1.07 -1.76	35.63 -1.46 0.00	39.28 -1.73 -0.21	45.20 -1.92 -0.01	45.71 -2.13 0.00	47.69 -2.15 0.00	26.68 -1.94 9.79	78.01 -4.19 1.48	270.34 -14.59 5.25	328.34 -17.12 0.00	19.71 -0.86 0.00	19.98 -0.99 3.57	27.51 -0.96 0.00	23.60 -0.81 0.00	32.30 -0.99 0.00
V_CMP_10_SYNC_DSASP 323788	20.19 0.12 0.00	20.34 0.18 0.00	17.33 0.08 3.75	11.55 0.13 9.49	10.88 0.19 10.28	15.76 0.03 6.92	24.40 0.17 0.92	27.64 0.46 0.00	31.70 0.28 0.00	30.16 -0.67 1.12	35.36 -1.73 0.00	37.07 -3.60 0.13	43.98 -3.13 0.00	44.78 -3.06 0.00	46.77 -3.06 0.00	26.19 -2.41 9.80	77.58 -4.61 1.48	269.71 -15.21 5.26	329.13 -16.34 0.00	19.73 -0.84 0.00	20.07 -0.96 3.50	27.22 -1.26 0.00	23.76 -0.65 0.00	33.10 -0.19 0.00
V_D_10_SYNC_DSASP 323841	19.64 -0.43 0.00	19.78 -0.38 0.00	30.28 -0.38 -9.67	44.99 -0.36 -24.45	47.08 -0.36 -26.49	40.03 -0.45 -17.83	26.94 -0.58 -2.37	26.42 -0.76 0.00	30.44 -0.98 0.00	33.61 -1.22 -2.88	35.47 -1.62 0.00	39.22 -1.93 -0.34	44.99 -2.14 -0.01	45.49 -2.35 0.00	47.44 -2.39 0.00	26.87 -2.06 9.47	77.87 -4.38 1.43	269.66 -15.45 5.08	327.81 -17.66 0.00	19.70 -0.87 0.00	18.62 -0.96 4.95	27.47 -1.01 0.00	23.54 -0.87 0.00	32.22 -1.08 0.00
V_E_10_SYNC_DSASP 323830	21.73 1.67 0.00	21.76 1.60 0.00	22.60 1.60 0.00	22.46 1.55 0.00	22.63 1.67 0.00	24.64 2.00 0.00	27.51 2.36 0.00	30.23 2.79 -0.25	35.32 3.37 -0.54	35.32 3.30 -0.06	41.05 3.78 -0.18	46.25 4.33 -1.12	53.94 5.13 -1.70	54.43 4.95 -1.64	55.40 4.89 -0.67	43.08 3.60 -1.06	93.08 7.98 -1.42	323.95 30.77 -2.99	389.24 41.24 -2.53	22.60 1.68 -0.34	61.93 2.18 -35.22	48.89 2.54 -17.88	28.29 2.02 -1.86	36.10 2.49 -0.31
V_F_30_NSYNC__DSASP 323816	21.20 1.14 0.00	21.28 1.12 0.00	22.13 1.13 0.00	22.06 1.15 0.00	22.12 1.15 0.00	23.95 1.30 0.00	26.59 1.45 0.00	28.76 1.57 0.00	33.17 1.75 0.00	33.76 1.81 0.00	39.13 2.05 0.00	43.04 2.23 0.00	49.82 2.71 0.00	50.90 3.06 0.00	53.16 3.33 0.00	41.06 2.65 0.00	89.76 6.09 0.00	311.66 21.47 0.00	391.19 27.55 -18.17	41.16 1.62 -18.97	610.18 2.01 -583.65	240.96 2.23 -210.26	48.04 1.93 -21.70	38.38 2.51 -2.57
V_F_30_SYNC_DSASP 323786	20.70 0.64 0.00	20.80 0.63 0.00	21.64 0.64 0.00	21.55 0.65 0.00	21.61 0.65 0.00	23.35 0.69 0.00	25.92 0.78 0.00	28.05 0.86 0.00	32.33 0.91 0.00	32.90 0.94 0.00	38.26 1.17 0.00	41.98 1.18 0.00	48.56 1.45 0.00	49.64 1.81 0.00	51.83 1.99 0.00	40.06 1.66 0.00	87.33 3.65 0.00	302.43 12.25 0.00	374.94 14.77 -14.71	39.82 0.86 -18.39	417.97 1.06 -392.38	171.56 1.23 -141.86	43.08 1.04 -17.63	37.37 1.38 -2.71

V_XM10_SYNC_DSASP 323789	20.19 0.12 0.00	20.34 0.18 0.00	17.33 0.08 3.75	11.55 0.13 9.49	10.88 0.19 10.28	15.76 0.03 6.92	24.40 0.17 0.92	27.64 0.46 0.00	31.70 0.28 0.00	30.16 -0.67 1.12	35.36 -1.73 0.00	37.07 -3.60 0.13	43.98 -3.13 0.00	44.78 -3.06 0.00	46.77 -3.06 0.00	26.19 -2.41 9.80	77.58 -4.61 1.48	269.71 -15.21 5.26	329.13 -16.34 0.00	19.73 -0.84 0.00	20.07 -0.96 3.50	27.22 -1.26 0.00	23.76 -0.65 0.00	33.10 -0.19 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	21.49 1.42 0.00	21.54 1.38 0.00	22.41 1.41 0.00	22.19 1.28 0.00	22.17 1.21 0.00	23.97 1.32 0.00	26.73 1.59 0.00	29.12 1.94 0.00	33.78 2.36 0.00	34.64 2.69 0.00	40.55 3.46 0.00	44.44 3.64 0.00	51.18 4.07 0.00	52.40 4.56 0.00	54.67 4.84 0.00	42.34 3.94 0.00	92.22 8.55 0.00	319.28 29.10 0.00	412.75 34.66 -32.63	139.45 1.91 -116.97	116.19 2.18 -89.47	68.79 2.53 -37.78	12.39 2.16 14.18	31.57 2.86 4.58
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	21.72 1.66 0.00	21.72 1.56 0.00	22.63 1.63 0.00	22.39 1.49 0.00	22.34 1.38 0.00	24.18 1.53 0.00	26.96 1.81 0.00	29.41 2.23 0.00	34.13 2.71 0.00	34.98 3.03 0.00	41.06 3.85 -0.12	44.74 3.94 0.00	51.45 4.34 0.00	52.67 4.83 0.00	54.97 5.14 0.00	42.62 4.21 0.00	92.74 9.07 0.00	321.00 30.81 0.00	403.09 35.72 -21.91	105.09 1.92 -82.60	105.74 2.24 -78.97	62.50 2.65 -31.38	57.87 2.33 -31.13	50.51 3.17 -14.05
W50THST__13_KV_LOAD 356117	21.89 1.82 0.00	21.89 1.73 0.00	22.79 1.79 0.00	22.56 1.66 0.00	22.51 1.55 0.00	24.37 1.72 0.00	27.17 2.03 0.00	29.66 2.48 0.00	34.43 3.01 0.00	35.30 3.35 0.00	41.45 4.24 -0.12	45.15 4.35 0.00	51.87 4.76 0.00	53.09 5.25 0.00	55.44 5.61 0.00	43.01 4.60 0.00	93.65 9.97 0.00	323.66 33.47 0.00	405.88 38.50 -21.91	105.23 2.05 -82.60	105.91 2.41 -78.97	62.70 2.85 -31.38	58.07 2.53 -31.13	50.81 3.47 -14.05
WADING RIVER_IC_1 23522	21.82 1.76 0.00	22.94 1.72 -1.06	22.81 1.81 0.00	22.59 1.68 0.00	22.54 1.58 0.00	24.34 1.69 0.00	27.20 2.06 0.00	29.49 2.31 0.00	33.93 2.51 0.00	34.44 2.49 0.00	71.77 4.39 -30.29	82.42 4.71 -36.90	66.31 5.15 -14.05	323.40 5.81 -269.75	166.63 6.13 -110.67	299.66 4.90 -256.35	306.42 10.53 -212.21	453.33 36.20 -126.94	462.26 41.60 -75.19	253.30 2.29 -230.44	167.17 2.59 -140.04	62.95 3.06 -31.42	58.20 2.56 -31.23	50.61 3.21 -14.11
WADING RIVER_IC_2 23547	21.82 1.76 0.00	22.94 1.72 -1.06	22.81 1.81 0.00	22.59 1.68 0.00	22.54 1.58 0.00	24.34 1.69 0.00	27.20 2.06 0.00	29.49 2.31 0.00	33.93 2.51 0.00	34.44 2.49 0.00	71.77 4.39 -30.29	82.42 4.71 -36.90	66.31 5.15 -14.05	323.40 5.81 -269.75	166.63 6.13 -110.67	299.66 4.90 -256.35	306.42 10.53 -212.21	453.33 36.20 -126.94	462.26 41.60 -75.19	253.30 2.29 -230.44	167.17 2.59 -140.04	62.95 3.06 -31.42	58.20 2.56 -31.23	50.61 3.21 -14.11
WADING RIVER_IC_3 23601	21.82 1.76 0.00	22.94 1.72 -1.06	22.81 1.81 0.00	22.59 1.68 0.00	22.54 1.58 0.00	24.34 1.69 0.00	27.20 2.06 0.00	29.49 2.31 0.00	33.93 2.51 0.00	34.44 2.49 0.00	71.77 4.39 -30.29	82.42 4.71 -36.90	66.31 5.15 -14.05	323.40 5.81 -269.75	166.63 6.13 -110.67	299.66 4.90 -256.35	306.42 10.53 -212.21	453.33 36.20 -126.94	462.26 41.60 -75.19	253.30 2.29 -230.44	167.17 2.59 -140.04	62.95 3.06 -31.42	58.20 2.56 -31.23	50.61 3.21 -14.11
WALDENNY_12_KV_BK2 80841	19.29 -0.78 0.00	19.61 -0.55 0.00	20.40 -0.60 0.00	20.33 -0.57 0.00	20.49 -0.48 0.00	22.45 -0.20 0.00	24.93 -0.21 0.00	27.46 0.28 0.00	32.30 0.88 0.00	32.95 0.99 0.00	38.28 1.19 0.00	42.72 1.92 0.00	49.42 2.31 0.00	49.02 1.18 0.00	50.73 0.89 0.00	37.55 -0.85 0.00	79.54 -2.92 1.22	270.45 -8.97 10.76	332.81 -13.16 -0.50	19.73 -0.90 -0.06	24.82 -0.57 -0.85	24.57 -0.78 3.13	23.96 -0.92 -0.47	32.25 -1.04 0.00
WALDEN__HYDRO 24148	21.41 1.35 0.00	21.44 1.29 0.00	22.30 1.30 0.00	22.10 1.19 0.00	22.09 1.12 0.00	23.88 1.24 0.00	26.62 1.48 0.00	28.97 1.79 0.00	33.56 2.14 0.00	34.31 2.36 0.00	40.13 3.05 0.00	44.03 3.22 0.00	50.73 3.61 0.00	51.97 4.13 0.00	54.19 4.36 0.00	41.89 3.48 0.00	91.29 7.62 0.00	316.38 26.19 0.00	389.10 31.34 -12.29	71.19 1.78 -48.84	93.60 2.04 -67.03	55.88 2.36 -25.05	26.23 1.98 0.16	35.29 2.57 0.56
WARRENSBURG____ 23737	21.09 1.03 0.00	21.17 1.01 0.00	22.00 1.00 0.00	21.96 1.06 0.00	22.02 1.06 0.00	23.89 1.24 0.00	26.53 1.39 0.00	28.66 1.48 0.00	33.07 1.65 0.00	33.63 1.68 0.00	38.83 1.75 0.00	42.81 2.01 0.00	49.69 2.58 0.00	50.79 2.95 0.00	53.06 3.22 0.00	40.98 2.57 0.00	89.56 5.89 0.00	311.71 21.52 0.00	393.31 29.50 -18.34	41.14 1.73 -18.84	621.72 2.16 -595.03	245.32 2.28 -214.56	48.58 2.29 -21.88	38.67 2.85 -2.53
WATERSIDE____6 8 9 23538	21.76 1.70 0.00	21.78 1.61 -0.01	22.67 1.67 0.00	22.43 1.52 0.00	22.38 1.42 0.00	24.22 1.57 0.00	26.97 1.83 0.00	29.41 2.23 0.00	34.11 2.69 0.00	34.91 2.95 0.00	41.00 3.78 -0.13	44.56 3.76 0.00	51.15 4.04 0.00	52.34 4.51 0.00	54.65 4.82 0.00	42.44 4.03 0.00	92.23 8.56 0.00	318.79 28.60 0.00	405.27 33.61 -26.19	103.20 1.77 -80.86	110.38 2.06 -83.79	66.62 2.49 -35.65	51.92 2.25 -25.26	50.44 3.10 -14.05
WATKINRD_115KV_LN8_ILLION 55919	20.42 0.36 0.00	20.50 0.34 0.00	20.40 0.32 0.92	18.89 0.30 2.32	18.74 0.30 2.51	21.29 0.33 1.69	25.30 0.38 0.22	27.65 0.47 0.00	31.94 0.52 0.00	32.28 0.60 0.27	37.75 0.67 0.00	41.40 0.63 0.03	47.74 0.62 0.00	48.81 0.97 0.00	50.95 1.12 0.00	39.90 1.01 -0.48	86.03 2.28 -0.07	299.20 8.76 -0.26	357.95 12.48 0.00	21.27 0.70 0.00	28.05 0.89 -2.62	29.37 0.90 0.00	25.16 0.75 0.00	34.26 0.96 0.00
WATSON__69_KV_BK 1 55734	22.14 2.08 0.00	23.30 2.09 -1.06	23.19 2.19 0.00	22.98 2.07 0.00	22.95 1.99 0.00	24.80 2.15 0.00	27.68 2.53 0.00	29.98 2.79 0.00	34.53 3.11 0.00	35.14 3.19 0.00	57.82 4.95 -15.79	68.25 5.22 -22.23	60.54 5.88 -7.54	192.75 6.37 -138.53	120.06 6.77 -63.45	203.50 5.47 -159.62	230.28 11.78 -134.82	415.45 40.68 -84.59	447.21 47.26 -54.48	181.76 2.64 -158.55	137.38 2.98 -109.86	63.39 3.50 -31.42	58.61 2.97 -31.23	51.20 3.80 -14.11
WDELAWARE__HYD 323627	20.89 0.83 0.00	20.89 0.74 0.00	21.71 0.71 0.00	21.50 0.59 0.00	21.50 0.54 0.00	23.25 0.60 0.00	25.91 0.77 0.00	28.21 1.03 0.00	32.70 1.28 0.00	33.46 1.50 0.00	39.22 2.13 0.00	43.08 2.27 0.00	49.42 2.30 0.00	49.63 1.80 0.00	51.77 1.94 0.00	40.00 1.59 0.00	87.33 3.66 0.00	303.06 12.88 0.00	365.03 16.60 -2.96	36.11 0.91 -14.63	84.73 1.08 -59.12	50.62 1.75 -20.40	23.86 1.39 1.94	32.69 1.70 2.30
WEST BABYLON__IC 23714	22.04 1.98 0.00	23.20 1.98 -1.06	23.09 2.08 0.00	22.88 1.98 0.00	22.84 1.88 0.00	24.69 2.04 0.00	27.54 2.39 0.00	29.82 2.64 0.00	34.36 2.94 0.00	34.98 3.03 0.00	47.48 4.63 -5.76	56.81 4.89 -11.11	55.16 5.53 -2.51	95.40 5.98 -41.59	83.25 6.44 -26.98	133.42 5.22 -89.79	175.28 11.28 -80.32	384.72 38.85 -55.68	431.60 45.32 -40.81	126.71 2.51 -103.63	113.90 2.83 -86.54	63.22 3.33 -31.42	58.47 2.83 -31.23	51.03 3.63 -14.11

WEST CANADA___HYD 24049	20.21 0.14 0.00	20.30 0.14 0.00	20.21 0.12 0.92	18.71 0.13 2.32	18.57 0.13 2.51	21.09 0.14 1.69	25.10 0.18 0.22	27.40 0.22 0.00	31.68 0.26 0.00	31.98 0.30 0.27	37.46 0.37 0.00	41.17 0.40 0.03	47.54 0.43 0.00	48.37 0.53 0.00	50.38 0.55 0.00	39.35 0.46 -0.48	84.76 1.01 -0.07	293.99 3.54 -0.26	349.97 4.50 0.00	20.82 0.25 0.00	27.43 0.27 -2.62	28.80 0.32 0.00	24.70 0.29 0.00	33.67 0.37 0.00
WESTERN_NY_WIND 24143	19.70 -0.36 0.00	19.97 -0.18 0.00	20.78 -0.22 0.00	20.71 -0.19 0.00	20.86 -0.10 0.00	22.83 0.18 0.00	25.41 0.26 0.00	27.98 0.79 0.00	32.90 1.48 0.00	33.41 1.46 0.00	38.51 1.42 0.00	42.72 1.92 0.00	49.43 2.32 0.00	49.31 1.47 0.00	50.98 1.14 0.00	39.12 -0.24 -0.95	86.80 -1.41 -4.54	279.70 -5.82 4.66	334.66 -10.81 0.00	19.96 -0.61 0.00	24.26 -0.28 0.00	26.30 0.04 2.22	24.06 -0.26 0.09	33.01 -0.29 0.00
WESTOVER___LESR 323668	20.22 0.16 0.00	20.33 0.16 0.00	21.17 0.17 0.00	21.09 0.18 0.00	21.13 0.17 0.00	22.96 0.31 0.00	25.51 0.37 0.00	28.05 0.63 -0.24	32.85 0.92 -0.51	33.03 1.02 -0.06	38.55 1.29 -0.17	43.48 1.61 -1.07	50.48 1.75 -1.62	51.06 1.65 -1.56	52.20 1.73 -0.64	40.50 1.07 -1.01	86.99 2.15 -1.17	299.42 7.99 -1.25	356.96 9.30 -2.19	21.10 0.29 -0.24	47.88 0.41 -22.93	35.90 0.30 -7.12	25.94 0.24 -1.28	33.99 0.40 -0.30
WETHRSFD_WT_PWR 323626	19.10 -0.96 0.00	19.39 -0.77 0.00	20.21 -0.79 0.00	20.21 -0.69 0.00	20.38 -0.57 0.00	22.39 -0.26 0.00	24.83 -0.31 0.00	27.25 0.07 0.00	31.95 0.53 0.00	32.56 0.61 0.00	37.97 0.88 0.00	42.22 1.42 0.00	48.81 1.70 0.00	48.70 0.86 0.00	50.37 0.54 0.00	36.98 -1.10 0.34	73.69 -3.80 6.18	238.77 -12.84 38.58	328.59 -17.46 -0.58	19.41 -1.23 -0.07	24.35 -1.16 -0.98	22.75 -1.46 4.27	23.56 -1.37 -0.51	31.77 -1.53 0.00
WHAVSTOR_138KV_BK127 55557	21.38 1.32 0.00	21.43 1.27 0.00	22.30 1.30 0.00	22.08 1.18 0.00	22.06 1.09 0.00	23.85 1.20 0.00	26.58 1.44 0.00	28.96 1.78 0.00	33.58 2.16 0.00	34.41 2.46 0.00	40.27 3.18 0.00	44.10 3.29 0.00	50.77 3.65 0.00	51.97 4.12 0.00	54.23 4.39 0.00	42.00 3.59 0.00	91.42 7.75 0.00	316.67 26.48 0.00	408.74 31.55 -31.72	136.29 1.73 -114.00	114.95 1.98 -88.44	67.98 2.31 -37.19	11.73 1.98 14.66	31.04 2.64 4.89
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	21.38 1.32 0.00	21.43 1.27 0.00	22.30 1.30 0.00	22.08 1.18 0.00	22.06 1.09 0.00	23.85 1.20 0.00	26.58 1.44 0.00	28.96 1.78 0.00	33.58 2.16 0.00	34.41 2.46 0.00	40.27 3.18 0.00	44.10 3.29 0.00	50.77 3.65 0.00	51.97 4.12 0.00	54.23 4.39 0.00	42.00 3.59 0.00	91.42 7.75 0.00	316.67 26.48 0.00	408.74 31.55 -31.72	136.29 1.73 -114.00	114.95 1.98 -88.44	67.98 2.31 -37.19	11.73 1.98 14.66	31.04 2.64 4.89
WHITEHAL_115KV_TB1 80871	21.53 1.47 0.00	21.69 1.53 0.00	22.55 1.55 0.00	22.68 1.77 0.00	22.76 1.80 0.00	24.87 2.22 0.00	27.48 2.34 0.00	29.42 2.24 0.00	33.77 2.35 0.00	34.27 2.32 0.00	39.60 2.51 0.00	43.76 2.95 0.00	51.22 4.11 0.00	52.85 5.01 0.00	55.11 5.27 0.00	42.58 4.17 0.00	92.99 9.32 0.00	325.13 34.94 0.00	406.58 42.84 -18.27	41.84 2.37 -18.89	617.57 2.73 -590.31	243.77 2.52 -212.77	48.49 2.27 -21.81	38.70 2.86 -2.54
WHITEPLN_13_KV_LOAD 356215	21.80 1.74 0.00	21.82 1.66 0.00	22.70 1.70 0.00	22.48 1.57 0.00	22.45 1.49 0.00	24.30 1.66 0.00	27.11 1.96 0.00	29.56 2.38 0.00	34.31 2.89 0.00	35.14 3.19 0.00	41.21 4.12 0.00	45.16 4.35 0.00	51.97 4.85 0.00	53.22 5.38 0.00	55.60 5.76 0.00	43.06 4.65 0.00	93.86 10.19 0.00	325.01 34.83 0.00	408.74 40.85 -22.42	107.07 2.25 -84.25	106.61 2.61 -79.47	63.19 3.03 -31.68	58.90 2.58 -31.92	51.29 3.42 -14.57
WM_FLOYD_69_KV_BK2 356380	22.00 1.94 0.00	23.14 1.93 -1.06	23.02 2.02 0.00	22.80 1.89 0.00	22.76 1.80 0.00	24.58 1.94 0.00	27.46 2.32 0.00	29.77 2.58 0.00	34.26 2.84 0.00	34.77 2.82 0.00	71.52 4.75 -29.69	83.15 5.08 -37.27	67.03 5.60 -14.31	324.71 6.27 -270.59	169.01 6.59 -112.59	304.30 5.23 -260.66	310.66 11.22 -215.76	457.85 38.70 -128.96	466.26 44.59 -76.21	256.46 2.48 -233.40	168.64 2.83 -141.27	63.24 3.35 -31.42	58.44 2.81 -31.23	50.95 3.55 -14.11
WOODARD__115KV_TB2 355635	19.92 -0.14 0.00	20.01 -0.15 0.00	19.63 -0.20 1.17	17.73 -0.20 2.97	17.55 -0.19 3.22	20.33 -0.15 2.17	24.71 -0.14 0.29	27.63 -0.02 -0.47	32.51 0.09 -1.00	31.90 0.18 0.24	37.71 0.28 -0.34	43.39 0.54 -2.05	50.93 0.65 -3.16	51.50 0.60 -3.06	51.60 0.51 -1.26	40.71 0.31 -1.98	86.64 0.68 -2.29	295.20 2.58 -2.43	350.06 2.44 -2.16	20.59 0.02 0.00	24.75 0.00 -0.22	29.00 -0.07 -0.59	24.42 -0.10 -0.12	33.68 -0.19 -0.58
YORK___WARBASSE 23770	21.91 1.82 -0.03	21.91 1.75 -0.01	22.80 1.80 0.00	22.55 1.65 0.00	22.51 1.55 0.00	24.36 1.71 0.00	27.13 1.98 0.00	29.57 2.39 0.00	34.31 2.89 0.00	35.12 3.16 0.00	41.25 4.03 -0.13	44.78 3.98 0.00	51.43 4.31 0.00	52.64 4.80 0.00	55.00 5.16 0.00	42.66 4.25 0.00	92.72 9.05 0.00	320.53 30.34 0.00	425.46 35.73 -44.26	158.29 1.87 -135.85	159.46 2.17 -132.75	84.82 2.65 -53.70	97.34 2.41 -70.52	50.64 3.29 -14.05