

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/28/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	55.05	48.99	34.69	34.18	33.42	40.25	46.97	52.02	55.36	56.07	58.94	73.12	76.39	85.56	119.39	257.50	244.39	694.41	610.46	521.17	300.13	61.95	52.02	53.40
24138	2.14	2.54	1.99	2.05	1.90	1.93	2.02	2.58	2.72	2.91	3.37	4.25	5.50	7.40	11.71	15.08	22.52	63.51	63.01	49.41	27.73	5.59	4.16	3.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.36	-0.85	-2.18	0.00	0.00	-1.44	-108.70	-30.50	-106.41	-5.67	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	55.26	49.05	34.72	34.21	33.44	40.27	46.98	52.00	55.35	56.09	59.07	73.29	76.52	85.71	119.66	258.48	244.99	695.72	611.61	522.80	300.95	62.13	52.15	53.56
24260	2.36	2.61	2.02	2.08	1.92	1.95	2.03	2.57	2.71	2.93	3.51	4.41	5.63	7.55	11.98	15.56	22.98	64.34	64.14	51.04	28.54	5.77	4.29	3.26
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.36	-0.85	-2.18	0.00	0.00	-1.45	-109.20	-30.64	-106.90	-5.70	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	55.26	49.05	34.72	34.21	33.44	40.27	46.98	52.00	55.35	56.09	59.07	73.29	76.52	85.71	119.66	258.48	244.99	695.72	611.61	522.80	300.95	62.13	52.15	53.56
24261	2.36	2.61	2.02	2.08	1.92	1.95	2.03	2.57	2.71	2.93	3.51	4.41	5.63	7.55	11.98	15.56	22.98	64.34	64.14	51.04	28.54	5.77	4.29	3.26
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.36	-0.85	-2.18	0.00	0.00	-1.45	-109.20	-30.64	-106.90	-5.70	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	55.48	48.97	34.62	34.07	33.44	40.40	47.03	51.76	54.99	54.40	55.68	67.12	73.99	82.33	112.67	137.28	203.88	561.04	587.13	510.61	296.17	61.64	51.85	53.84
24011	2.58	2.53	1.92	1.94	1.93	2.07	2.07	2.32	2.35	1.93	1.72	2.37	3.10	4.17	6.50	8.76	13.97	41.65	45.62	38.85	23.76	5.28	3.98	3.54
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.76	1.95	0.00	0.00	0.07	5.21	1.46	5.11	0.27	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	56.04	49.46	34.98	34.38	33.78	40.78	47.44	52.19	55.41	54.69	56.05	67.63	74.61	83.09	113.60	138.39	205.50	565.11	591.42	514.24	299.02	62.25	52.35	54.39
23798	3.13	3.02	2.28	2.25	2.26	2.46	2.48	2.75	2.77	2.22	2.08	2.86	3.72	4.93	7.44	9.86	15.59	45.71	49.91	42.48	26.61	5.89	4.48	4.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.75	1.92	0.00	0.00	0.07	5.19	1.46	5.09	0.27	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	55.48	48.97	34.62	34.07	33.44	40.40	47.03	51.76	54.99	54.40	55.68	67.12	73.99	82.33	112.67	137.28	203.88	561.04	587.13	510.61	296.17	61.64	51.85	53.84
24028	2.58	2.53	1.92	1.94	1.93	2.07	2.07	2.32	2.35	1.93	1.72	2.37	3.10	4.17	6.50	8.76	13.97	41.65	45.62	38.85	23.76	5.28	3.98	3.54
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.76	1.95	0.00	0.00	0.07	5.21	1.46	5.11	0.27	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	53.44	47.34	33.60	33.24	32.62	39.17	45.58	50.13	53.28	52.39	53.17	62.64	71.63	79.90	109.15	131.56	196.88	541.44	565.97	491.31	285.78	59.68	50.37	52.27
23527	0.54	0.90	0.90	1.11	1.10	0.85	0.63	0.69	0.63	0.33	0.14	0.30	0.74	1.74	3.00	4.34	7.33	23.32	24.53	19.55	13.37	3.32	2.51	1.97
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.73	1.69	4.35	0.00	0.00	0.09	6.50	1.83	6.37	0.34	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	51.93	45.90	32.52	32.22	31.57	37.91	44.17	48.61	51.68	51.49	53.06	63.91	69.95	77.76	106.23	128.65	191.57	526.31	548.70	476.64	275.52	57.15	48.31	50.17
24190	-0.98	-0.54	-0.18	0.09	0.05	-0.42	-0.78	-0.83	-0.96	-1.04	-1.03	-1.18	-0.93	-0.40	0.07	0.48	1.75	7.26	7.22	4.88	3.11	0.80	0.45	-0.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.62	1.60	0.00	0.00	0.07	5.56	1.56	5.44	0.29	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	53.24	46.57	32.68	32.02	31.55	38.60	45.60	49.99	53.19	53.35	55.09	66.91	70.58	77.15	120.14	127.76	182.37	498.40	515.50	450.87	259.50	50.28	45.98	47.90
355683	0.34	0.12	-0.02	-0.12	0.03	0.27	0.65	0.55	0.55	0.55	0.37	0.21	-0.31	-1.01	-3.28	-6.07	-9.00	-26.09	-26.27	-20.89	-12.90	-2.64	-1.88	-0.70
	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	-17.19	-0.10	0.00	0.00	0.00	0.00	0.00	3.44	0.00	1.69
ALBANY_1_SOLAR	52.33	46.23	32.72	32.32	31.71	38.21	44.53	48.70	51.42	51.15	52.66	63.66	69.07	76.76	104.76	127.14	189.02	519.95	544.97	476.52	275.90	57.25	48.50	50.44
323833	-0.57	-0.22	0.02	0.18	0.19	-0.12	-0.43	-0.73	-1.22	-1.46	-1.65	-1.99	-1.81	-1.40	-1.40	-1.72	-0.98	0.22	3.45	4.76	3.49	0.89	0.63	0.14
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.41	1.05	0.00	0.00	0.06	4.86	1.36	4.76	0.25	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	52.31	46.22	32.70	32.31	31.69	38.18	44.50	48.68	51.41	51.13	52.65	63.66	69.07	76.71	104.72	127.13	188.95	519.64	544.76	476.27	275.79	57.22	48.48	50.41
323834	-0.59	-0.22	0.00	0.17	0.18	-0.14	-0.46	-0.75	-1.24	-1.48	-1.66	-1.99	-1.82	-1.45	-1.45	-1.73	-1.06	-0.08	3.23	4.51	3.38	0.86	0.61	0.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.41	1.05	0.00	0.00	0.06	4.87	1.37	4.77	0.25	0.00	0.00	0.00	0.00	0.00
ALBANY___1	51.93	45.90	32.52	32.22	31.57	37.91	44.17	48.61	51.68	51.49	53.06	63.91	69.95	77.76	106.23	128.65	191.57	526.31	548.70	476.64	275.52	57.15	48.31	50.17
23571	-0.98	-0.54	-0.18	0.09	0.05	-0.42	-0.78	-0.83	-0.96	-1.04	-1.03	-1.18	-0.93	-0.40	0.07	0.48	1.75	7.26	7.22	4.88	3.11	0.80	0.45	-0.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.62	1.60	0.00	0.00	0.07	5.56	1.56	5.44	0.29	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	51.93 -0.98 0.00	45.90 -0.54 0.00	32.52 -0.18 0.00	32.22 0.09 0.00	31.57 0.05 0.00	37.91 -0.42 0.00	44.17 -0.78 0.00	48.61 -0.83 0.00	51.68 -0.96 0.00	51.49 -1.04 0.27	53.06 -1.03 0.62	63.91 -1.18 1.60	69.95 -0.93 0.00	77.76 -0.40 0.00	106.23 0.07 0.07	128.65 0.48 5.56	191.57 1.75 1.56	526.31 7.26 5.44	548.70 7.22 0.29	476.64 4.88 0.00	275.52 3.11 0.00	57.15 0.80 0.00	48.31 0.45 0.00	50.17 -0.13 0.00
ALBANY___3 23573	51.93 -0.98 0.00	45.90 -0.54 0.00	32.52 -0.18 0.00	32.22 0.09 0.00	31.57 0.05 0.00	37.91 -0.42 0.00	44.17 -0.78 0.00	48.61 -0.83 0.00	51.68 -0.96 0.00	51.49 -1.04 0.27	53.06 -1.03 0.62	63.91 -1.18 1.60	69.95 -0.93 0.00	77.76 -0.40 0.00	106.23 0.07 0.07	128.65 0.48 5.56	191.57 1.75 1.56	526.31 7.26 5.44	548.70 7.22 0.29	476.64 4.88 0.00	275.52 3.11 0.00	57.15 0.80 0.00	48.31 0.45 0.00	50.17 -0.13 0.00
ALBANY___4 23574	51.93 -0.98 0.00	45.90 -0.54 0.00	32.52 -0.18 0.00	32.22 0.09 0.00	31.57 0.05 0.00	37.91 -0.42 0.00	44.17 -0.78 0.00	48.61 -0.83 0.00	51.68 -0.96 0.00	51.49 -1.04 0.27	53.06 -1.03 0.62	63.91 -1.18 1.60	69.95 -0.93 0.00	77.76 -0.40 0.00	106.23 0.07 0.07	128.65 0.48 5.56	191.57 1.75 1.56	526.31 7.26 5.44	548.70 7.22 0.29	476.64 4.88 0.00	275.52 3.11 0.00	57.15 0.80 0.00	48.31 0.45 0.00	50.17 -0.13 0.00
ALBANY___LFGE 323615	52.63 -0.27 0.00	46.51 0.07 0.00	32.94 0.24 0.00	32.61 0.48 0.00	31.95 0.43 0.00	38.40 0.08 0.00	44.77 -0.19 0.00	49.30 -0.14 0.00	52.45 -0.19 0.00	52.25 -0.25 0.29	53.82 -0.21 0.68	64.81 -0.13 1.75	71.14 0.26 0.00	79.07 0.91 0.00	108.10 1.94 0.07	131.09 2.88 5.51	195.12 5.29 1.55	535.96 16.87 5.40	558.65 17.15 0.29	485.32 13.55 0.00	280.41 8.00 0.00	58.13 1.78 0.00	49.11 1.24 0.00	50.94 0.64 0.00
ALCOA_PA_115KV_PL-6C 55860	53.55 0.65 0.00	46.83 0.39 0.00	32.86 0.16 0.00	32.18 0.05 0.00	31.71 0.19 0.00	38.81 0.48 0.00	45.93 0.98 0.00	50.33 0.89 0.00	53.42 0.78 0.00	53.57 0.78 0.00	55.23 0.52 0.00	66.94 0.24 0.00	70.52 -0.37 0.00	76.93 -1.23 0.00	130.47 -4.18 -28.42	126.11 -7.77 -0.16	181.97 -9.40 0.00	497.52 -26.97 0.00	514.38 -27.40 0.00	450.63 -21.13 0.00	259.14 -13.26 0.00	50.43 -2.60 3.32	46.29 -1.58 0.00	61.68 -0.39 -11.77
ALCOA_RYNLDS___DRP 24188	53.55 0.65 0.00	46.83 0.39 0.00	32.86 0.16 0.00	32.18 0.05 0.00	31.71 0.19 0.00	38.81 0.48 0.00	45.93 0.98 0.00	50.33 0.89 0.00	53.42 0.78 0.00	53.57 0.78 0.00	55.23 0.52 0.00	66.94 0.24 0.00	70.52 -0.37 0.00	76.93 -1.23 0.00	130.47 -4.18 -28.42	126.11 -7.77 -0.16	181.97 -9.40 0.00	497.52 -26.97 0.00	514.38 -27.40 0.00	450.63 -21.13 0.00	259.14 -13.26 0.00	50.43 -2.60 3.32	46.29 -1.58 0.00	61.68 -0.39 -11.77
ALCOA___DSASP 323711	53.55 0.64 0.00	46.83 0.39 0.00	32.86 0.16 0.00	32.18 0.05 0.00	31.71 0.19 0.00	38.81 0.48 0.00	45.93 0.98 0.00	50.33 0.89 0.00	53.42 0.78 0.00	53.57 0.78 0.00	55.23 0.52 0.00	66.94 0.25 0.00	70.52 -0.37 0.00	76.93 -1.23 0.00	130.48 -4.17 -28.42	126.10 -7.78 -0.16	181.98 -9.40 0.00	497.48 -27.00 0.00	514.34 -27.44 0.00	450.65 -21.12 0.00	259.15 -13.26 0.00	50.43 -2.60 3.32	46.29 -1.58 0.00	61.68 -0.39 -11.77
ALLEGHENY___COGEN 23514	56.43 3.52 0.00	48.97 2.53 0.00	34.23 1.53 0.00	33.37 1.23 0.00	32.55 1.03 0.00	39.95 1.63 0.00	47.14 2.18 0.00	51.59 2.16 0.00	54.70 2.06 0.00	54.38 1.59 0.00	56.12 1.40 0.00	67.65 0.96 0.00	70.45 -0.43 0.00	75.38 -2.78 0.00	105.07 -1.17 0.00	136.06 2.33 0.00	192.26 0.89 0.00	525.96 1.47 0.00	546.85 5.07 0.00	491.99 20.22 0.00	286.26 13.85 0.00	60.16 3.80 0.00	53.33 5.47 0.00	54.62 4.32 0.00
ALTAMONT_115KV_TB 2 55880	52.85 -0.06 0.00	46.68 0.24 0.00	33.00 0.30 0.00	32.58 0.44 0.00	31.92 0.41 0.00	38.50 0.17 0.00	44.90 -0.05 0.00	49.43 -0.01 0.00	52.55 -0.09 0.00	52.46 -0.15 0.17	54.19 -0.12 0.41	65.57 -0.08 1.04	71.17 0.28 0.00	79.00 0.84 0.00	107.96 1.79 0.07	130.95 2.55 5.33	194.38 4.51 1.49	533.74 14.47 5.22	556.44 14.94 0.28	483.74 11.97 0.00	279.67 7.26 0.00	57.99 1.63 0.00	49.06 1.19 0.00	50.99 0.69 0.00
ALTONA_WT_PWR 323606	53.17 0.26 0.00	46.71 0.26 0.00	32.79 0.09 0.00	32.21 0.07 0.00	31.75 0.24 0.00	38.80 0.47 0.00	45.86 0.90 0.00	50.17 0.73 0.00	53.12 0.49 0.00	53.34 0.55 0.00	55.06 0.34 0.00	67.01 0.31 0.00	71.00 0.11 0.00	77.65 -0.51 0.00	103.66 -2.57 0.00	130.38 -3.34 0.00	184.18 -7.19 0.00	500.95 -23.54 0.00	518.23 -23.55 0.00	452.15 -19.61 0.00	260.36 -12.04 0.00	49.82 -3.08 3.45	44.86 -3.00 0.00	47.07 -2.02 1.21
AMERICAN_REF_FUEL 24010	54.80 1.89 0.00	47.46 1.02 0.00	33.10 0.40 0.00	31.97 -0.16 0.00	31.28 -0.23 0.00	38.47 0.15 0.00	45.07 0.12 0.00	49.22 -0.22 0.00	53.30 0.66 0.00	53.70 0.91 0.00	55.85 1.13 0.00	68.66 1.96 0.00	73.47 2.58 0.00	80.40 2.24 0.00	111.58 5.35 0.00	141.69 7.96 0.00	196.66 5.29 0.00	535.57 11.08 0.00	553.71 11.93 0.00	484.94 13.17 0.00	282.10 9.70 0.00	58.11 1.76 0.00	49.51 1.64 0.00	52.67 2.38 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	56.43 3.53 0.00	48.79 2.35 0.00	34.19 1.50 0.00	33.24 1.11 0.00	32.31 0.79 0.00	39.81 1.49 0.00	46.92 1.96 0.00	51.48 2.05 0.00	55.49 2.85 0.00	55.88 3.09 0.00	58.11 3.39 0.00	71.84 5.14 0.00	77.25 6.37 0.00	84.88 6.72 0.00	118.05 11.82 0.00	149.42 15.69 0.00	208.99 17.62 0.00	569.96 45.47 0.00	589.70 47.92 0.00	513.30 41.54 0.00	299.11 26.71 0.00	61.05 4.70 0.00	51.88 4.02 0.00	54.43 4.14 0.00
ARTHUR KILL_GT_1 23520	54.71 1.81 0.00	48.77 2.33 0.00	34.52 1.82 0.00	33.99 1.85 0.00	33.22 1.71 0.00	40.01 1.69 0.00	46.60 1.65 0.00	51.31 1.88 0.00	54.61 1.97 0.00	55.37 2.22 -0.36	58.42 2.85 -0.85	72.41 3.53 -2.18	75.66 4.76 0.00	84.59 6.43 0.00	117.97 10.29 -1.45	256.13 13.21 -109.19	241.72 19.71 -30.64	686.72 55.33 -106.89	603.12 55.64 -5.70	516.03 44.26 0.00	297.14 24.73 0.00	61.37 5.00 0.00	51.61 3.75 0.00	52.90 2.61 0.00
ARTHUR_KILL_2 23512	54.47 1.56 0.00	48.58 2.14 0.00	34.39 1.69 0.00	33.86 1.73 0.00	33.11 1.59 0.00	39.86 1.54 0.00	46.41 1.46 0.00	51.11 1.68 0.00	54.36 1.72 0.00	55.15 1.99 -0.36	58.18 2.62 -0.84	72.12 3.24 -2.18	75.32 4.43 0.00	84.20 6.04 0.00	117.45 9.77 -1.45	255.43 12.51 -109.19	240.58 18.57 -30.64	683.44 52.06 -106.89	599.42 51.95 -5.70	513.17 41.41 0.00	295.47 23.07 0.01	61.04 4.67 0.00	51.34 3.48 0.00	52.64 2.34 0.00
ARTHUR_KILL_3 23513	54.45 1.55 0.00	48.37 1.92 0.00	34.24 1.55 0.00	33.75 1.62 0.00	32.98 1.46 0.00	39.71 1.39 0.00	46.31 1.36 0.00	51.21 1.78 0.00	54.41 1.77 0.00	55.12 1.96 -0.36	58.02 2.45 -0.85	71.99 3.12 -2.18	75.13 4.25 0.00	84.19 6.03 0.00	117.58 9.91 -1.44	255.62 12.94 -108.96	241.32 19.38 -30.57	685.83 54.68 -106.67	601.94 54.47 -5.69	514.47 42.70 0.00	295.86 23.45 0.00	61.18 4.82 0.00	51.40 3.54 0.00	52.76 2.46 0.00

ARTHUR_KILL_COGEN 323718	54.71 1.80 0.00	48.77 2.33 0.00	34.52 1.82 0.00	33.98 1.85 0.00	33.23 1.71 0.00	40.01 1.69 0.00	46.60 1.64 0.00	51.31 1.87 0.00	54.59 1.95 0.00	55.37 2.21 -0.36	58.41 2.85 -0.84	72.40 3.52 -2.18	75.65 4.76 0.00	84.59 6.43 0.00	118.00 10.32 -1.45	256.18 13.26 -109.19	241.72 19.71 -30.64	686.26 54.88 -106.89	602.49 55.01 -5.70	516.00 44.24 0.00	297.10 24.70 0.01	61.37 5.00 0.00	51.60 3.74 0.00	52.90 2.60 0.00
ASHOKAN____ 23654	54.58 1.68 0.00	48.16 1.72 0.00	34.03 1.33 0.00	33.54 1.41 0.00	32.83 1.32 0.00	39.59 1.26 0.00	46.09 1.13 0.00	50.78 1.34 0.00	53.97 1.34 0.00	54.15 1.36 0.00	56.25 1.53 0.00	68.98 2.29 0.00	73.72 2.84 0.00	82.24 4.08 0.00	112.64 6.40 0.00	141.71 7.98 0.00	208.52 17.15 0.00	572.59 48.11 0.00	593.74 51.96 0.00	512.98 41.22 0.00	296.18 23.77 0.00	60.96 4.60 0.00	51.24 3.38 0.00	52.67 2.37 0.00
ASTORIA_EAST_ENERGY_CC1 323581	54.66 1.75 0.00	48.62 2.18 0.00	34.44 1.74 0.00	33.87 1.74 0.00	33.15 1.63 0.00	39.89 1.57 0.00	46.45 1.50 0.00	51.38 1.94 0.00	54.67 2.03 0.00	55.27 2.11 -0.36	58.22 2.66 -0.85	72.05 3.17 -2.18	75.23 4.33 -0.01	84.29 6.08 -0.05	117.79 10.05 -1.51	257.10 12.93 -110.44	242.50 19.47 -31.66	690.97 54.25 -112.24	608.48 54.08 -12.62	518.84 42.21 -4.87	300.18 23.49 -4.28	61.13 4.76 -0.01	51.40 3.53 -0.01	52.81 2.50 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	54.66 1.75 0.00	48.62 2.18 0.00	34.44 1.74 0.00	33.87 1.74 0.00	33.15 1.63 0.00	39.89 1.57 0.00	46.45 1.50 0.00	51.38 1.94 0.00	54.67 2.03 0.00	55.27 2.11 -0.36	58.22 2.66 -0.85	72.05 3.17 -2.18	75.23 4.33 -0.01	84.29 6.08 -0.05	117.79 10.05 -1.51	257.10 12.93 -110.44	242.50 19.47 -31.66	690.97 54.25 -112.24	608.48 54.08 -12.62	518.84 42.21 -4.87	300.18 23.49 -4.28	61.13 4.76 -0.01	51.40 3.53 -0.01	52.81 2.50 -0.01
ASTORIA_GT2_1 24094	54.69 1.78 0.00	48.64 2.20 0.00	34.45 1.75 0.00	33.88 1.75 0.00	33.16 1.64 0.00	39.90 1.58 0.00	46.47 1.52 0.00	51.41 1.97 0.00	54.71 2.07 0.00	55.31 2.15 -0.36	58.25 2.69 -0.85	72.09 3.22 -2.18	75.27 4.38 0.00	84.32 6.12 -0.04	117.83 10.09 -1.50	257.18 13.02 -110.44	242.61 19.59 -31.65	691.58 54.85 -112.24	609.05 54.65 -12.62	519.03 42.41 -4.86	300.36 23.68 -4.28	61.16 4.80 0.00	51.41 3.55 0.00	52.84 2.54 -0.01
ASTORIA_GT2_2 24095	54.69 1.78 0.00	48.64 2.20 0.00	34.45 1.75 0.00	33.88 1.75 0.00	33.16 1.64 0.00	39.90 1.58 0.00	46.47 1.52 0.00	51.41 1.97 0.00	54.71 2.07 0.00	55.31 2.15 -0.36	58.25 2.69 -0.85	72.09 3.22 -2.18	75.27 4.38 0.00	84.32 6.12 -0.04	117.83 10.09 -1.50	257.18 13.02 -110.44	242.61 19.59 -31.65	691.58 54.85 -112.24	609.05 54.65 -12.62	519.03 42.41 -4.86	300.36 23.68 -4.28	61.16 4.80 0.00	51.41 3.55 0.00	52.84 2.54 -0.01
ASTORIA_GT2_3 24096	54.69 1.78 0.00	48.64 2.20 0.00	34.45 1.75 0.00	33.88 1.75 0.00	33.16 1.64 0.00	39.90 1.58 0.00	46.47 1.52 0.00	51.41 1.97 0.00	54.71 2.07 0.00	55.31 2.15 -0.36	58.25 2.69 -0.85	72.09 3.22 -2.18	75.27 4.38 0.00	84.32 6.12 -0.04	117.83 10.09 -1.50	257.18 13.02 -110.44	242.61 19.59 -31.65	691.58 54.85 -112.24	609.05 54.65 -12.62	519.03 42.41 -4.86	300.36 23.68 -4.28	61.16 4.80 0.00	51.41 3.55 0.00	52.84 2.54 -0.01
ASTORIA_GT2_4 24097	54.69 1.78 0.00	48.64 2.20 0.00	34.45 1.75 0.00	33.88 1.75 0.00	33.16 1.64 0.00	39.90 1.58 0.00	46.47 1.52 0.00	51.41 1.97 0.00	54.71 2.07 0.00	55.31 2.15 -0.36	58.25 2.69 -0.85	72.09 3.22 -2.18	75.27 4.38 0.00	84.32 6.12 -0.04	117.83 10.09 -1.50	257.18 13.02 -110.44	242.61 19.59 -31.65	691.58 54.85 -112.24	609.05 54.65 -12.62	519.03 42.41 -4.86	300.36 23.68 -4.28	61.16 4.80 0.00	51.41 3.55 0.00	52.84 2.54 -0.01
ASTORIA_GT3_1 24098	54.69 1.78 0.00	48.64 2.20 0.00	34.45 1.75 0.00	33.88 1.75 0.00	33.16 1.64 0.00	39.90 1.58 0.00	46.47 1.52 0.00	51.41 1.97 0.00	54.71 2.07 0.00	55.31 2.15 -0.36	58.25 2.69 -0.85	72.09 3.22 -2.18	75.27 4.38 0.00	84.32 6.12 -0.04	117.83 10.09 -1.50	257.18 13.02 -110.44	242.61 19.59 -31.65	691.58 54.85 -112.24	609.05 54.65 -12.62	519.03 42.41 -4.86	300.36 23.68 -4.28	61.16 4.80 0.00	51.41 3.55 0.00	52.84 2.54 -0.01
ASTORIA_GT3_2 24099	54.69 1.78 0.00	48.64 2.20 0.00	34.45 1.75 0.00	33.88 1.75 0.00	33.16 1.64 0.00	39.90 1.58 0.00	46.47 1.52 0.00	51.41 1.97 0.00	54.71 2.07 0.00	55.31 2.15 -0.36	58.25 2.69 -0.85	72.09 3.22 -2.18	75.27 4.38 0.00	84.32 6.12 -0.04	117.83 10.09 -1.50	257.18 13.02 -110.44	242.61 19.59 -31.65	691.58 54.85 -112.24	609.05 54.65 -12.62	519.03 42.41 -4.86	300.36 23.68 -4.28	61.16 4.80 0.00	51.41 3.55 0.00	52.84 2.54 -0.01
ASTORIA_GT3_3 24100	54.69 1.78 0.00	48.64 2.20 0.00	34.45 1.75 0.00	33.88 1.75 0.00	33.16 1.64 0.00	39.90 1.58 0.00	46.47 1.52 0.00	51.41 1.97 0.00	54.71 2.07 0.00	55.31 2.15 -0.36	58.25 2.69 -0.85	72.09 3.22 -2.18	75.27 4.38 0.00	84.32 6.12 -0.04	117.83 10.09 -1.50	257.18 13.02 -110.44	242.61 19.59 -31.65	691.58 54.85 -112.24	609.05 54.65 -12.62	519.03 42.41 -4.86	300.36 23.68 -4.28	61.16 4.80 0.00	51.41 3.55 0.00	52.84 2.54 -0.01
ASTORIA_GT3_4 24101	54.69 1.78 0.00	48.64 2.20 0.00	34.45 1.75 0.00	33.88 1.75 0.00	33.16 1.64 0.00	39.90 1.58 0.00	46.47 1.52 0.00	51.41 1.97 0.00	54.71 2.07 0.00	55.31 2.15 -0.36	58.25 2.69 -0.85	72.09 3.22 -2.18	75.27 4.38 0.00	84.32 6.12 -0.04	117.83 10.09 -1.50	257.18 13.02 -110.44	242.61 19.59 -31.65	691.58 54.85 -112.24	609.05 54.65 -12.62	519.03 42.41 -4.86	300.36 23.68 -4.28	61.16 4.80 0.00	51.41 3.55 0.00	52.84 2.54 -0.01
ASTORIA_GT4_1 24102	54.69 1.78 0.00	48.64 2.20 0.00	34.45 1.75 0.00	33.88 1.75 0.00	33.16 1.64 0.00	39.90 1.58 0.00	46.47 1.52 0.00	51.41 1.97 0.00	54.71 2.07 0.00	55.31 2.15 -0.36	58.25 2.69 -0.85	72.09 3.22 -2.18	75.27 4.38 0.00	84.32 6.12 -0.04	117.83 10.09 -1.50	257.18 13.02 -110.44	242.61 19.59 -31.65	691.58 54.85 -112.24	609.05 54.65 -12.62	519.03 42.41 -4.86	300.36 23.68 -4.28	61.16 4.80 0.00	51.41 3.55 0.00	52.84 2.54 -0.01
ASTORIA_GT4_2 24103	54.69 1.78 0.00	48.64 2.20 0.00	34.45 1.75 0.00	33.88 1.75 0.00	33.16 1.64 0.00	39.90 1.58 0.00	46.47 1.52 0.00	51.41 1.97 0.00	54.71 2.07 0.00	55.31 2.15 -0.36	58.25 2.69 -0.85	72.09 3.22 -2.18	75.27 4.38 0.00	84.32 6.12 -0.04	117.83 10.09 -1.50	257.18 13.02 -110.44	242.61 19.59 -31.65	691.58 54.85 -112.24	609.05 54.65 -12.62	519.03 42.41 -4.86	300.36 23.68 -4.28	61.16 4.80 0.00	51.41 3.55 0.00	52.84 2.54 -0.01
ASTORIA_GT4_3 24104	54.69 1.78 0.00	48.64 2.20 0.00	34.45 1.75 0.00	33.88 1.75 0.00	33.16 1.64 0.00	39.90 1.58 0.00	46.47 1.52 0.00	51.41 1.97 0.00	54.71 2.07 0.00	55.31 2.15 -0.36	58.25 2.69 -0.85	72.09 3.22 -2.18	75.27 4.38 0.00	84.32 6.12 -0.04	117.83 10.09 -1.50	257.18 13.02 -110.44	242.61 19.59 -31.65	691.58 54.85 -112.24	609.05 54.65 -12.62	519.03 42.41 -4.86	300.36 23.68 -4.28	61.16 4.80 0.00	51.41 3.55 0.00	52.84 2.54 -0.01

ASTORIA_GT4_4 24105	54.69 1.78 0.00	48.64 2.20 0.00	34.45 1.75 0.00	33.88 1.75 0.00	33.16 1.64 0.00	39.90 1.58 0.00	46.47 1.52 0.00	51.41 1.97 0.00	54.71 2.07 0.00	55.31 2.15 -0.36	58.25 2.69 -0.85	72.09 3.22 -2.18	75.27 4.38 0.00	84.32 6.12 -0.04	117.83 10.09 -1.50	257.18 13.02 -110.44	242.61 19.59 -31.65	691.58 54.85 -112.24	609.05 54.65 -12.62	519.03 42.41 -4.86	300.36 23.68 -4.28	61.16 4.80 0.00	51.41 3.55 0.00	52.84 2.54 -0.01
ASTORIA_GT_1 23523	54.83 1.93 0.00	48.77 2.33 0.00	34.53 1.83 0.00	33.97 1.83 0.00	33.23 1.71 0.00	40.00 1.68 0.00	46.59 1.64 0.00	51.55 2.11 0.00	54.87 2.23 0.00	55.47 2.31 -0.36	58.41 2.85 -0.85	72.30 3.43 -2.18	75.49 4.61 0.00	84.60 6.40 -0.04	118.22 10.49 -1.50	257.65 13.49 -110.44	243.25 20.22 -31.65	693.37 56.65 -112.24	610.95 56.55 -12.62	520.85 44.23 -4.86	301.29 24.61 -4.28	61.34 4.98 0.00	51.56 3.70 0.00	52.99 2.69 -0.01
ASTORIA_GT_10 24110	54.51 1.60 0.00	48.60 2.16 0.00	34.41 1.71 0.00	33.88 1.74 0.00	33.15 1.63 0.00	39.89 1.57 0.00	46.50 1.55 0.00	51.43 1.99 0.00	54.68 2.04 0.00	55.20 2.05 -0.36	58.04 2.48 -0.85	71.90 3.03 -2.18	75.07 4.18 0.00	84.07 5.91 0.00	117.39 9.71 -1.45	213.11 12.66 -66.72	240.90 18.89 -30.64	680.58 52.97 -103.12	600.10 52.62 -5.70	512.75 40.99 0.00	289.98 22.60 5.03	52.11 4.59 8.83	49.97 3.36 1.25	52.03 2.34 0.60
ASTORIA_GT_11 24225	54.51 1.60 0.00	48.60 2.16 0.00	34.41 1.71 0.00	33.88 1.74 0.00	33.15 1.63 0.00	39.89 1.57 0.00	46.50 1.55 0.00	51.43 1.99 0.00	54.68 2.04 0.00	55.20 2.05 -0.36	58.04 2.48 -0.85	71.90 3.03 -2.18	75.07 4.18 0.00	84.07 5.91 0.00	117.39 9.71 -1.45	213.11 12.66 -66.72	240.90 18.89 -30.64	680.58 52.97 -103.12	600.10 52.62 -5.70	512.75 40.99 0.00	289.98 22.60 5.03	52.11 4.59 8.83	49.97 3.36 1.25	52.03 2.34 0.60
ASTORIA_GT_12 24226	54.51 1.60 0.00	48.60 2.16 0.00	34.41 1.71 0.00	33.88 1.74 0.00	33.15 1.63 0.00	39.89 1.57 0.00	46.50 1.55 0.00	51.43 1.99 0.00	54.68 2.04 0.00	55.20 2.05 -0.36	58.04 2.48 -0.85	71.90 3.03 -2.18	75.07 4.18 0.00	84.07 5.91 0.00	117.39 9.71 -1.45	213.11 12.66 -66.72	240.90 18.89 -30.64	680.58 52.97 -103.12	600.10 52.62 -5.70	512.75 40.99 0.00	289.98 22.60 5.03	52.11 4.59 8.83	49.97 3.36 1.25	52.03 2.34 0.60
ASTORIA_GT_13 24227	54.51 1.60 0.00	48.60 2.16 0.00	34.41 1.71 0.00	33.88 1.74 0.00	33.15 1.63 0.00	39.89 1.57 0.00	46.50 1.55 0.00	51.43 1.99 0.00	54.68 2.04 0.00	55.20 2.05 -0.36	58.04 2.48 -0.85	71.90 3.03 -2.18	75.07 4.18 0.00	84.07 5.91 0.00	117.39 9.71 -1.45	213.11 12.66 -66.72	240.90 18.89 -30.64	680.58 52.97 -103.12	600.10 52.62 -5.70	512.75 40.99 0.00	289.98 22.60 5.03	52.11 4.59 8.83	49.97 3.36 1.25	52.03 2.34 0.60
ASTORIA_GT_5 24106	54.83 1.93 0.00	48.77 2.33 0.00	34.53 1.83 0.00	33.97 1.83 0.00	33.23 1.71 0.00	40.00 1.68 0.00	46.59 1.64 0.00	51.55 2.11 0.00	54.87 2.23 0.00	55.47 2.31 -0.36	58.41 2.85 -0.85	72.30 3.43 -2.18	75.49 4.61 0.00	84.60 6.40 -0.04	118.22 10.49 -1.50	257.65 13.49 -110.44	243.25 20.22 -31.65	693.37 56.65 -112.24	610.95 56.55 -12.62	520.85 44.23 -4.86	301.29 24.61 -4.28	61.34 4.98 0.00	51.56 3.70 0.00	52.99 2.69 -0.01
ASTORIA_GT_7 24107	54.83 1.93 0.00	48.77 2.33 0.00	34.53 1.83 0.00	33.97 1.83 0.00	33.23 1.71 0.00	40.00 1.68 0.00	46.59 1.64 0.00	51.55 2.11 0.00	54.87 2.23 0.00	55.47 2.31 -0.36	58.41 2.85 -0.85	72.30 3.43 -2.18	75.49 4.61 0.00	84.60 6.40 -0.04	118.22 10.49 -1.50	257.65 13.49 -110.44	243.25 20.22 -31.65	693.37 56.65 -112.24	610.95 56.55 -12.62	520.85 44.23 -4.86	301.29 24.61 -4.28	61.34 4.98 0.00	51.56 3.70 0.00	52.99 2.69 -0.01
ASTORIA_GT_8 24108	54.83 1.93 0.00	48.77 2.33 0.00	34.53 1.83 0.00	33.97 1.83 0.00	33.23 1.71 0.00	40.00 1.68 0.00	46.59 1.64 0.00	51.55 2.11 0.00	54.87 2.23 0.00	55.47 2.31 -0.36	58.41 2.85 -0.85	72.30 3.43 -2.18	75.49 4.61 0.00	84.60 6.40 -0.04	118.22 10.49 -1.50	257.65 13.49 -110.44	243.25 20.22 -31.65	693.37 56.65 -112.24	610.95 56.55 -12.62	520.85 44.23 -4.86	301.29 24.61 -4.28	61.34 4.98 0.00	51.56 3.70 0.00	52.99 2.69 -0.01
ASTORIA___2 24149	54.68 1.77 0.00	48.64 2.20 0.00	34.45 1.75 0.00	33.88 1.75 0.00	33.16 1.64 0.00	39.90 1.58 0.00	46.47 1.52 0.00	51.41 1.97 0.00	54.70 2.06 0.00	55.31 2.15 -0.36	58.25 2.69 -0.85	72.09 3.21 -2.18	75.28 4.38 -0.01	84.32 6.11 -0.05	117.85 10.11 -1.51	257.17 13.01 -110.44	242.62 19.59 -31.66	691.23 54.51 -112.24	608.80 54.39 -12.62	519.12 42.49 -4.87	300.30 23.61 -4.28	61.16 4.79 -0.01	51.42 3.55 -0.01	52.84 2.53 -0.01
ASTORIA___3 23516	54.50 1.60 0.00	48.60 2.16 0.00	34.41 1.71 0.00	33.88 1.75 0.00	33.15 1.63 0.00	39.89 1.57 0.00	46.50 1.55 0.00	51.43 1.99 0.00	54.68 2.04 0.00	55.20 2.04 -0.36	58.04 2.48 -0.84	71.89 3.02 -2.18	75.07 4.18 0.00	84.07 5.91 0.00	117.41 9.73 -1.45	213.07 12.62 -66.72	240.90 18.89 -30.64	680.40 52.80 -103.12	599.92 52.45 -5.70	512.71 40.95 0.00	289.96 22.58 5.03	52.10 4.58 8.83	49.97 3.36 1.25	52.01 2.32 0.61
ASTORIA___4 23517	54.51 1.60 0.00	48.60 2.16 0.00	34.41 1.71 0.00	33.88 1.74 0.00	33.15 1.63 0.00	39.89 1.57 0.00	46.50 1.55 0.00	51.43 1.99 0.00	54.68 2.04 0.00	55.20 2.05 -0.36	58.04 2.48 -0.85	71.90 3.02 -2.18	75.07 4.18 0.00	84.06 5.90 0.00	117.38 9.70 -1.45	213.11 12.66 -66.72	240.90 18.89 -30.64	680.54 52.93 -103.12	600.10 52.62 -5.70	512.75 40.99 0.00	289.98 22.60 5.03	52.11 4.58 8.83	49.96 3.35 1.25	52.02 2.33 0.60
ASTORIA___5 23518	54.50 1.60 0.00	48.60 2.16 0.00	34.41 1.71 0.00	33.88 1.75 0.00	33.15 1.63 0.00	39.89 1.57 0.00	46.50 1.55 0.00	51.43 1.99 0.00	54.68 2.04 0.00	55.20 2.04 -0.36	58.04 2.48 -0.84	71.89 3.02 -2.18	75.07 4.18 0.00	84.07 5.91 0.00	117.41 9.73 -1.45	213.07 12.62 -66.72	240.90 18.89 -30.64	680.40 52.80 -103.12	599.92 52.45 -5.70	512.71 40.95 0.00	289.96 22.58 5.03	52.10 4.58 8.83	49.97 3.36 1.25	52.01 2.32 0.61
AST_ENERGY_2_CC3 323677	54.64 1.73 0.00	48.53 2.09 0.00	34.37 1.67 0.00	33.87 1.74 0.00	33.12 1.60 0.00	39.86 1.54 0.00	46.48 1.53 0.00	51.43 1.99 0.00	54.70 2.06 0.00	55.42 2.26 -0.36	58.30 2.74 -0.85	72.31 3.43 -2.18	75.48 4.60 0.00	84.56 6.40 0.00	118.07 10.39 -1.44	256.23 13.55 -108.96	242.18 20.24 -30.57	688.50 57.35 -106.67	604.56 57.10 -5.69	516.56 44.80 0.00	297.29 24.88 0.00	61.38 5.03 0.00	51.55 3.69 0.00	52.95 2.65 0.00
AST_ENERGY_2_CC4 323678	54.64 1.73 0.00	48.53 2.09 0.00	34.37 1.67 0.00	33.87 1.74 0.00	33.12 1.60 0.00	39.86 1.54 0.00	46.48 1.53 0.00	51.43 1.99 0.00	54.70 2.06 0.00	55.42 2.26 -0.36	58.30 2.74 -0.85	72.31 3.43 -2.18	75.48 4.60 0.00	84.56 6.40 0.00	118.07 10.39 -1.44	256.23 13.55 -108.96	242.18 20.24 -30.57	688.50 57.35 -106.67	604.56 57.10 -5.69	516.56 44.80 0.00	297.29 24.88 0.00	61.38 5.03 0.00	51.55 3.69 0.00	52.95 2.65 0.00

ATHENS_STG_1 23668	53.01 0.11 0.00	46.90 0.46 0.00	33.17 0.47 0.00	32.73 0.59 0.00	32.04 0.53 0.00	38.64 0.32 0.00	45.02 0.07 0.00	49.64 0.20 0.00	52.82 0.18 0.00	53.16 0.22 -0.15	55.46 0.39 -0.35	68.15 0.56 -0.89	72.01 1.13 0.00	80.09 1.94 0.00	109.68 3.55 0.10	131.01 4.75 7.47	197.00 7.72 2.10	539.97 22.80 7.31	563.87 22.48 0.39	488.66 16.90 0.00	282.46 10.05 0.00	58.55 2.19 0.00	49.47 1.61 0.00	51.24 0.94 0.00
ATHENS_STG_2 23670	53.01 0.11 0.00	46.90 0.46 0.00	33.17 0.47 0.00	32.73 0.59 0.00	32.04 0.53 0.00	38.64 0.32 0.00	45.02 0.07 0.00	49.64 0.20 0.00	52.82 0.18 0.00	53.16 0.22 -0.15	55.46 0.39 -0.35	68.15 0.56 -0.89	72.01 1.13 0.00	80.09 1.94 0.00	109.68 3.55 0.10	131.01 4.75 7.47	197.00 7.72 2.10	539.97 22.80 7.31	563.87 22.48 0.39	488.66 16.90 0.00	282.46 10.05 0.00	58.55 2.19 0.00	49.47 1.61 0.00	51.24 0.94 0.00
ATHENS_STG_3 23677	53.01 0.11 0.00	46.90 0.46 0.00	33.17 0.47 0.00	32.73 0.59 0.00	32.04 0.53 0.00	38.64 0.32 0.00	45.02 0.07 0.00	49.64 0.20 0.00	52.82 0.18 0.00	53.16 0.22 -0.15	55.46 0.39 -0.35	68.15 0.56 -0.89	72.01 1.13 0.00	80.09 1.94 0.00	109.68 3.55 0.10	131.01 4.75 7.47	197.00 7.72 2.10	539.97 22.80 7.31	563.87 22.48 0.39	488.66 16.90 0.00	282.46 10.05 0.00	58.55 2.19 0.00	49.47 1.61 0.00	51.24 0.94 0.00
AUBURN___LFGE 323710	54.24 1.28 -0.05	47.45 0.95 -0.06	33.33 0.63 0.00	32.66 0.53 0.00	31.94 0.43 0.00	38.97 0.65 0.00	45.72 0.77 0.00	50.06 0.63 0.00	53.49 0.85 0.00	53.45 0.65 0.00	55.51 0.80 0.00	68.07 1.38 0.00	72.60 1.71 0.00	80.17 2.02 0.00	107.71 3.88 2.40	139.05 5.34 0.01	198.18 6.81 0.00	542.88 18.39 0.00	562.57 20.79 0.00	492.56 20.80 0.00	285.52 13.11 0.00	58.80 2.44 0.00	49.69 1.82 0.00	51.97 1.67 0.00
BABYLON_RES_REC 323704	50.86 0.64 2.69	47.82 1.37 0.00	34.08 1.38 0.00	33.65 1.51 0.00	32.84 1.32 0.00	39.53 1.21 0.00	45.67 0.71 0.00	50.43 0.99 0.00	46.78 0.71 6.57	41.56 0.81 12.04	57.53 1.96 -0.85	71.27 1.82 -2.75	73.34 2.87 0.41	84.34 5.73 -0.45	100.93 10.46 15.76	246.69 13.08 -99.88	202.75 20.21 8.84	683.29 59.38 -99.43	672.70 58.64 -72.27	509.83 44.98 6.91	330.05 25.38 -32.27	76.48 4.81 -15.31	55.80 3.47 -4.47	53.57 2.52 -0.75
BALL_HILL_WT_PWR 323825	55.82 2.91 0.00	48.28 1.84 0.00	33.76 1.07 0.00	32.79 0.66 0.00	31.91 0.39 0.00	39.27 0.94 0.00	46.14 1.19 0.00	50.52 1.08 0.00	54.49 1.85 0.00	54.88 2.08 0.00	57.04 2.33 0.00	70.41 3.71 0.00	75.60 4.71 0.00	83.39 5.23 0.00	116.01 9.78 0.00	146.75 13.03 0.00	205.30 13.93 0.00	559.95 35.46 0.00	579.00 37.23 0.00	504.56 32.80 0.00	294.10 21.69 0.00	60.17 3.81 0.00	51.03 3.16 0.00	53.66 3.37 0.00
BARON_WINDS___WT_PWR 323822	54.42 1.50 -0.01	47.47 1.01 -0.02	33.33 0.63 0.00	32.65 0.52 0.00	31.78 0.27 0.00	39.03 0.71 0.00	45.79 0.84 0.00	50.15 0.72 0.00	53.41 0.77 0.00	53.51 0.72 0.00	55.53 0.81 0.00	68.31 1.62 0.00	73.34 2.46 0.00	81.12 2.96 0.00	112.63 6.40 0.00	142.23 8.50 0.00	200.72 9.35 0.00	548.28 23.79 0.00	569.33 27.55 0.00	498.93 27.17 0.00	290.72 18.32 0.00	59.37 3.01 0.00	50.16 2.29 0.00	52.25 1.95 0.00
BARRETT_IC_1 23704	54.40 1.21 -0.28	48.20 1.76 0.00	34.24 1.55 0.00	33.80 1.66 0.00	33.00 1.48 0.00	39.73 1.40 0.00	46.00 1.05 0.00	50.77 1.33 0.00	54.49 1.15 -0.70	55.70 1.23 -1.68	57.87 2.30 -0.86	71.24 2.36 -2.19	74.33 3.41 -0.04	91.43 6.21 -7.06	138.38 10.17 -21.97	250.49 13.10 -103.66	187.23 20.08 24.23	552.58 58.21 30.11	635.14 58.89 -34.47	486.92 45.87 30.72	392.74 25.73 -94.60	114.46 5.13 -52.97	192.98 3.90 -141.22	140.72 2.88 -87.54
BARRETT_IC_10 23701	54.40 1.21 -0.28	48.20 1.76 0.00	34.24 1.55 0.00	33.80 1.66 0.00	33.00 1.48 0.00	39.73 1.40 0.00	46.00 1.05 0.00	50.77 1.33 0.00	54.49 1.15 -0.70	55.70 1.23 -1.68	57.87 2.30 -0.86	71.24 2.36 -2.19	74.33 3.41 -0.04	83.86 6.21 0.52	94.52 10.17 21.89	163.21 13.10 -16.39	111.28 20.08 100.18	187.59 58.21 395.11	109.96 58.89 490.70	140.49 45.87 377.14	72.17 25.73 225.97	90.04 5.13 -28.55	192.98 3.90 -141.22	140.72 2.88 -87.54
BARRETT_IC_11 23702	54.40 1.21 -0.28	48.20 1.76 0.00	34.24 1.55 0.00	33.80 1.66 0.00	33.00 1.48 0.00	39.73 1.40 0.00	46.00 1.05 0.00	50.77 1.33 0.00	54.49 1.15 -0.70	55.70 1.23 -1.68	57.87 2.30 -0.86	71.24 2.36 -2.19	74.33 3.41 -0.04	83.86 6.21 0.52	94.52 10.17 21.89	163.21 13.10 -16.39	111.28 20.08 100.18	187.59 58.21 395.11	109.96 58.89 490.70	140.49 45.87 377.14	72.17 25.73 225.97	90.04 5.13 -28.55	192.98 3.90 -141.22	140.72 2.88 -87.54
BARRETT_IC_12 23703	54.40 1.21 -0.28	48.20 1.76 0.00	34.24 1.55 0.00	33.80 1.66 0.00	33.00 1.48 0.00	39.73 1.40 0.00	46.00 1.05 0.00	50.77 1.33 0.00	54.49 1.15 -0.70	55.70 1.23 -1.68	57.87 2.30 -0.86	71.24 2.36 -2.19	74.33 3.41 -0.04	83.86 6.21 0.52	94.52 10.17 21.89	163.21 13.10 -16.39	111.28 20.08 100.18	187.59 58.21 395.11	109.96 58.89 490.70	140.49 45.87 377.14	72.17 25.73 225.97	90.04 5.13 -28.55	192.98 3.90 -141.22	140.72 2.88 -87.54
BARRETT_IC_2 23705	54.40 1.21 -0.28	48.20 1.76 0.00	34.24 1.55 0.00	33.80 1.66 0.00	33.00 1.48 0.00	39.73 1.40 0.00	46.00 1.05 0.00	50.77 1.33 0.00	54.49 1.15 -0.70	55.70 1.23 -1.68	57.87 2.30 -0.86	71.24 2.36 -2.19	74.33 3.41 -0.04	91.43 6.21 -7.06	138.38 10.17 -21.97	250.49 13.10 -103.66	187.23 20.08 24.23	552.58 58.21 30.11	635.14 58.89 -34.47	486.92 45.87 30.72	392.74 25.73 -94.60	114.46 5.13 -52.97	192.98 3.90 -141.22	140.72 2.88 -87.54
BARRETT_IC_3 23706	54.40 1.21 -0.28	48.20 1.76 0.00	34.24 1.55 0.00	33.80 1.66 0.00	33.00 1.48 0.00	39.73 1.40 0.00	46.00 1.05 0.00	50.77 1.33 0.00	54.49 1.15 -0.70	55.70 1.23 -1.68	57.87 2.30 -0.86	71.24 2.36 -2.19	74.33 3.41 -0.04	91.43 6.21 -7.06	138.38 10.17 -21.97	250.49 13.10 -103.66	187.23 20.08 24.23	552.58 58.21 30.11	635.14 58.89 -34.47	486.92 45.87 30.72	392.74 25.73 -94.60	114.46 5.13 -52.97	192.98 3.90 -141.22	140.72 2.88 -87.54
BARRETT_IC_4 23707	54.40 1.21 -0.28	48.20 1.76 0.00	34.24 1.55 0.00	33.80 1.66 0.00	33.00 1.48 0.00	39.73 1.40 0.00	46.00 1.05 0.00	50.77 1.33 0.00	54.49 1.15 -0.70	55.70 1.23 -1.68	57.87 2.30 -0.86	71.24 2.36 -2.19	74.33 3.41 -0.04	91.43 6.21 -7.06	138.38 10.17 -21.97	250.49 13.10 -103.66	187.23 20.08 24.23	552.58 58.21 30.11	635.14 58.89 -34.47	486.92 45.87 30.72	392.74 25.73 -94.60	114.46 5.13 -52.97	192.98 3.90 -141.22	140.72 2.88 -87.54
BARRETT_IC_5 23708	54.40 1.21 -0.28	48.20 1.76 0.00	34.24 1.55 0.00	33.80 1.66 0.00	33.00 1.48 0.00	39.73 1.40 0.00	46.00 1.05 0.00	50.77 1.33 0.00	54.49 1.15 -0.70	55.70 1.23 -1.68	57.87 2.30 -0.86	71.24 2.36 -2.19	74.33 3.41 -0.04	91.43 6.21 -7.06	138.38 10.17 -21.97	250.49 13.10 -103.66	187.23 20.08 24.23	552.58 58.21 30.11	635.14 58.89 -34.47	486.92 45.87 30.72	392.74 25.73 -94.60	114.46 5.13 -52.97	192.98 3.90 -141.22	140.72 2.88 -87.54

BARRETT_IC_6 23709	54.40 1.21 -0.28	48.20 1.76 0.00	34.24 1.55 0.00	33.80 1.66 0.00	33.00 1.48 0.00	39.73 1.40 0.00	46.00 1.05 0.00	50.77 1.33 0.00	54.49 1.15 -0.70	55.70 1.23 -1.68	57.87 2.30 -0.86	71.24 2.36 -2.19	74.33 3.41 -0.04	91.43 6.21 -7.06	138.38 10.17 -21.97	250.49 13.10 -103.66	187.23 20.08 24.23	552.58 58.21 30.11	635.14 58.89 -34.47	486.92 45.87 30.72	392.74 25.73 -94.60	114.46 5.13 -52.97	192.98 3.90 -141.22	140.72 2.88 -87.54
BARRETT_IC_7 23710	54.40 1.20 -0.28	48.20 1.76 0.00	34.24 1.55 0.00	33.80 1.66 0.00	33.00 1.48 0.00	39.73 1.40 0.00	46.00 1.05 0.00	50.77 1.33 0.00	54.50 1.16 -0.70	55.71 1.24 -1.68	57.87 2.31 -0.85	71.24 2.37 -2.18	74.33 3.41 -0.03	91.43 6.22 -7.06	138.40 10.19 -21.97	250.57 13.18 -103.66	187.29 20.15 24.23	551.98 57.61 30.11	634.75 58.50 -34.47	487.10 46.06 30.72	392.94 25.93 -94.60	114.46 5.14 -52.97	193.09 4.01 -141.22	140.73 2.89 -87.54
BARRETT_IC_8 23711	54.40 1.21 -0.28	48.20 1.76 0.00	34.24 1.55 0.00	33.80 1.66 0.00	33.00 1.48 0.00	39.73 1.40 0.00	46.00 1.05 0.00	50.77 1.33 0.00	54.49 1.15 -0.70	55.70 1.23 -1.68	57.87 2.30 -0.86	71.24 2.36 -2.19	74.33 3.41 -0.04	91.43 6.21 -7.06	138.38 10.17 -21.97	250.49 13.10 -103.66	187.23 20.08 24.23	552.58 58.21 30.11	635.14 58.89 -34.47	486.92 45.87 30.72	392.74 25.73 -94.60	114.46 5.13 -52.97	192.98 3.90 -141.22	140.72 2.88 -87.54
BARRETT_IC_9 23700	54.40 1.21 -0.28	48.20 1.76 0.00	34.24 1.55 0.00	33.80 1.66 0.00	33.00 1.48 0.00	39.73 1.40 0.00	46.00 1.05 0.00	50.77 1.33 0.00	54.49 1.15 -0.70	55.70 1.23 -1.68	57.87 2.30 -0.86	71.24 2.36 -2.19	74.33 3.41 -0.04	83.86 6.21 0.52	94.52 10.17 21.89	163.21 13.10 -16.39	111.28 20.08 100.18	187.59 58.21 395.11	109.96 58.89 490.70	140.49 45.87 377.14	72.17 25.73 225.97	90.04 5.13 -28.55	192.98 3.90 -141.22	140.72 2.88 -87.54
BARRETT___1 23545	54.40 1.21 -0.28	48.20 1.76 0.00	34.24 1.55 0.00	33.80 1.66 0.00	33.00 1.48 0.00	39.73 1.40 0.00	46.00 1.05 0.00	50.77 1.33 0.00	54.49 1.15 -0.70	55.70 1.23 -1.68	57.87 2.30 -0.86	71.24 2.36 -2.19	74.33 3.41 -0.04	91.43 6.21 -7.06	138.38 10.17 -21.97	250.49 13.10 -103.66	187.23 20.08 24.23	552.58 58.21 30.11	635.14 58.89 -34.47	486.92 45.87 30.72	392.74 25.73 -94.60	114.46 5.13 -52.97	192.98 3.90 -141.22	140.72 2.88 -87.54
BARRETT___2 23546	54.40 1.21 -0.28	48.20 1.76 0.00	34.24 1.55 0.00	33.80 1.66 0.00	33.00 1.48 0.00	39.73 1.40 0.00	46.00 1.05 0.00	50.77 1.33 0.00	54.49 1.15 -0.70	55.70 1.23 -1.68	57.87 2.30 -0.86	71.24 2.36 -2.19	74.33 3.41 -0.04	83.86 6.21 0.52	94.52 10.17 21.89	163.21 13.10 -16.39	111.28 20.08 100.18	187.59 58.21 395.11	109.96 58.89 490.70	140.49 45.87 377.14	72.17 25.73 225.97	90.04 5.13 -28.55	192.98 3.90 -141.22	140.72 2.88 -87.54
BATAVIA__115KV_TB1 55881	57.13 4.22 0.00	49.43 2.99 0.00	34.46 1.77 0.00	33.37 1.24 0.00	32.62 1.10 0.00	40.05 1.72 0.00	47.11 2.15 0.00	51.65 2.21 0.00	55.62 2.98 0.00	55.83 3.03 0.00	57.79 3.07 0.00	70.57 3.87 0.00	75.37 4.48 0.00	82.84 4.68 0.00	114.83 8.59 0.00	145.88 12.16 0.00	203.93 12.56 0.00	557.94 33.46 0.00	581.82 40.05 0.00	511.26 39.50 0.00	296.51 24.10 0.00	61.11 4.75 0.00	52.33 4.47 0.00	55.09 4.79 0.00
BAYONEEC___CTG1 323682	54.65 1.75 0.00	48.58 2.14 0.00	34.39 1.69 0.00	33.89 1.76 0.00	33.13 1.61 0.00	39.90 1.58 0.00	46.53 1.57 0.00	51.47 2.03 0.00	54.70 2.06 0.00	55.41 2.26 -0.36	58.33 2.76 -0.85	72.34 3.47 -2.18	75.52 4.63 0.00	84.61 6.45 0.00	118.11 10.44 -1.44	256.25 13.56 -108.96	242.24 20.30 -30.57	688.55 57.39 -106.67	604.61 57.15 -5.69	516.56 44.80 0.00	297.26 24.85 0.00	61.39 5.03 0.00	51.58 3.72 0.00	52.98 2.69 0.00
BAYONEEC___CTG10 323750	54.65 1.75 0.00	48.58 2.14 0.00	34.39 1.69 0.00	33.89 1.76 0.00	33.13 1.61 0.00	39.90 1.58 0.00	46.53 1.57 0.00	51.47 2.03 0.00	54.70 2.06 0.00	55.41 2.26 -0.36	58.33 2.76 -0.85	72.34 3.47 -2.18	75.52 4.63 0.00	84.61 6.45 0.00	118.11 10.44 -1.44	256.25 13.56 -108.96	242.24 20.30 -30.57	688.55 57.39 -106.67	604.61 57.15 -5.69	516.56 44.80 0.00	297.26 24.85 0.00	61.39 5.03 0.00	51.58 3.72 0.00	52.98 2.69 0.00
BAYONEEC___CTG2 323683	54.65 1.75 0.00	48.58 2.14 0.00	34.39 1.69 0.00	33.89 1.76 0.00	33.13 1.61 0.00	39.90 1.58 0.00	46.53 1.57 0.00	51.47 2.03 0.00	54.70 2.06 0.00	55.41 2.26 -0.36	58.33 2.76 -0.85	72.34 3.47 -2.18	75.52 4.63 0.00	84.61 6.45 0.00	118.11 10.44 -1.44	256.25 13.56 -108.96	242.24 20.30 -30.57	688.55 57.39 -106.67	604.61 57.15 -5.69	516.56 44.80 0.00	297.26 24.85 0.00	61.39 5.03 0.00	51.58 3.72 0.00	52.98 2.69 0.00
BAYONEEC___CTG3 323684	54.65 1.75 0.00	48.58 2.14 0.00	34.39 1.69 0.00	33.89 1.76 0.00	33.13 1.61 0.00	39.90 1.58 0.00	46.53 1.57 0.00	51.47 2.03 0.00	54.70 2.06 0.00	55.41 2.26 -0.36	58.33 2.76 -0.85	72.34 3.47 -2.18	75.52 4.63 0.00	84.61 6.45 0.00	118.11 10.44 -1.44	256.25 13.56 -108.96	242.24 20.30 -30.57	688.55 57.39 -106.67	604.61 57.15 -5.69	516.56 44.80 0.00	297.26 24.85 0.00	61.39 5.03 0.00	51.58 3.72 0.00	52.98 2.69 0.00
BAYONEEC___CTG4 323685	54.65 1.75 0.00	48.58 2.14 0.00	34.39 1.69 0.00	33.89 1.76 0.00	33.13 1.61 0.00	39.90 1.58 0.00	46.53 1.57 0.00	51.47 2.03 0.00	54.70 2.06 0.00	55.41 2.26 -0.36	58.33 2.76 -0.85	72.34 3.47 -2.18	75.52 4.63 0.00	84.61 6.45 0.00	118.11 10.44 -1.44	256.25 13.56 -108.96	242.24 20.30 -30.57	688.55 57.39 -106.67	604.61 57.15 -5.69	516.56 44.80 0.00	297.26 24.85 0.00	61.39 5.03 0.00	51.58 3.72 0.00	52.98 2.69 0.00
BAYONEEC___CTG5 323686	54.65 1.75 0.00	48.58 2.14 0.00	34.39 1.69 0.00	33.89 1.76 0.00	33.13 1.61 0.00	39.90 1.58 0.00	46.53 1.57 0.00	51.47 2.03 0.00	54.70 2.06 0.00	55.41 2.26 -0.36	58.33 2.76 -0.85	72.34 3.47 -2.18	75.52 4.63 0.00	84.61 6.45 0.00	118.11 10.44 -1.44	256.25 13.56 -108.96	242.24 20.30 -30.57	688.55 57.39 -106.67	604.61 57.15 -5.69	516.56 44.80 0.00	297.26 24.85 0.00	61.39 5.03 0.00	51.58 3.72 0.00	52.98 2.69 0.00
BAYONEEC___CTG6 323687	54.65 1.75 0.00	48.58 2.14 0.00	34.39 1.69 0.00	33.89 1.76 0.00	33.13 1.61 0.00	39.90 1.58 0.00	46.53 1.57 0.00	51.47 2.03 0.00	54.70 2.06 0.00	55.41 2.26 -0.36	58.33 2.76 -0.85	72.34 3.47 -2.18	75.52 4.63 0.00	84.61 6.45 0.00	118.11 10.44 -1.44	256.25 13.56 -108.96	242.24 20.30 -30.57	688.55 57.39 -106.67	604.61 57.15 -5.69	516.56 44.80 0.00	297.26 24.85 0.00	61.39 5.03 0.00	51.58 3.72 0.00	52.98 2.69 0.00
BAYONEEC___CTG7 323688	54.65 1.75 0.00	48.58 2.14 0.00	34.39 1.69 0.00	33.89 1.76 0.00	33.13 1.61 0.00	39.90 1.58 0.00	46.53 1.57 0.00	51.47 2.03 0.00	54.70 2.06 0.00	55.41 2.26 -0.36	58.33 2.76 -0.85	72.34 3.47 -2.18	75.52 4.63 0.00	84.61 6.45 0.00	118.11 10.44 -1.44	256.25 13.56 -108.96	242.24 20.30 -30.57	688.55 57.39 -106.67	604.61 57.15 -5.69	516.56 44.80 0.00	297.26 24.85 0.00	61.39 5.03 0.00	51.58 3.72 0.00	52.98 2.69 0.00

BAYONEEC___CTG8 323689	54.65 1.75 0.00	48.58 2.14 0.00	34.39 1.69 0.00	33.89 1.76 0.00	33.13 1.61 0.00	39.90 1.58 0.00	46.53 1.57 0.00	51.47 2.03 0.00	54.70 2.06 0.00	55.41 2.26 -0.36	58.33 2.76 -0.85	72.34 3.47 -2.18	75.52 4.63 0.00	84.61 6.45 0.00	118.11 10.44 -1.44	256.25 13.56 -108.96	242.24 20.30 -30.57	688.55 57.39 -106.67	604.61 57.15 -5.69	516.56 44.80 0.00	297.26 24.85 0.00	61.39 5.03 0.00	51.58 3.72 0.00	52.98 2.69 0.00
BAYONEEC___CTG9 323749	54.65 1.75 0.00	48.58 2.14 0.00	34.39 1.69 0.00	33.89 1.76 0.00	33.13 1.61 0.00	39.90 1.58 0.00	46.53 1.57 0.00	51.47 2.03 0.00	54.70 2.06 0.00	55.41 2.26 -0.36	58.33 2.76 -0.85	72.34 3.47 -2.18	75.52 4.63 0.00	84.61 6.45 0.00	118.11 10.44 -1.44	256.25 13.56 -108.96	242.24 20.30 -30.57	688.55 57.39 -106.67	604.61 57.15 -5.69	516.56 44.80 0.00	297.26 24.85 0.00	61.39 5.03 0.00	51.58 3.72 0.00	52.98 2.69 0.00
BEACON___LESR 323632	52.79 -0.12 0.00	46.63 0.19 0.00	33.00 0.31 0.00	32.67 0.54 0.00	32.00 0.48 0.00	38.47 0.14 0.00	44.89 -0.06 0.00	49.38 -0.06 0.00	52.48 -0.16 0.00	52.26 -0.25 0.29	53.83 -0.22 0.66	64.84 -0.15 1.71	71.11 0.22 0.00	79.10 0.94 0.00	108.22 2.06 0.07	131.27 3.14 5.59	195.47 5.67 1.57	538.23 19.22 5.47	561.58 20.09 0.29	487.86 16.10 0.00	281.74 9.34 0.00	58.36 2.01 0.00	49.26 1.40 0.00	51.06 0.76 0.00
BEAVER RIVER___HYD 24048	56.16 3.23 -0.03	49.13 2.66 -0.03	34.45 1.75 0.00	33.70 1.57 0.00	33.11 1.59 0.00	40.44 2.12 0.00	47.66 2.71 0.00	52.15 2.71 0.00	55.04 2.40 0.00	54.63 1.83 0.00	56.19 1.47 0.00	68.18 1.49 0.00	71.95 1.06 0.00	78.68 0.52 0.00	58.56 -0.49 47.19	131.90 -1.56 0.27	189.56 -1.81 0.00	519.50 -4.99 0.00	545.48 3.70 0.00	483.39 11.63 0.00	276.13 3.72 0.00	56.02 0.60 0.93	48.78 0.91 0.00	56.77 0.72 -5.75
BEEBEE_GT_13 23619	55.50 2.59 0.00	48.19 1.75 0.00	33.69 1.00 0.00	32.75 0.62 0.00	32.01 0.49 0.00	39.13 0.81 0.00	46.02 1.06 0.00	50.55 1.11 0.00	54.44 1.80 0.00	54.83 2.04 0.00	57.06 2.35 0.00	70.19 3.49 0.00	75.12 4.23 0.00	82.94 4.78 0.00	114.47 8.24 0.00	145.18 11.45 0.00	204.09 12.72 0.00	557.56 33.07 0.00	577.52 35.74 0.00	504.32 32.55 0.00	291.78 19.38 0.00	60.09 3.74 0.00	50.89 3.03 0.00	53.40 3.10 0.00
BENSHRST_27_KV_BENSHRST_1 355998	55.27 2.37 0.00	49.20 2.76 0.00	34.77 2.07 0.00	34.22 2.08 0.00	33.46 1.94 0.00	40.29 1.97 0.00	46.97 2.02 0.00	51.87 2.43 0.00	55.20 2.55 0.00	55.91 2.75 -0.36	58.94 3.37 -0.85	73.09 4.21 -2.18	76.38 5.49 0.00	85.52 7.35 0.00	119.40 11.72 -1.45	258.17 15.25 -109.19	244.26 22.25 -30.64	694.10 62.72 -106.89	610.35 62.87 -5.70	521.68 49.92 0.00	300.33 27.93 0.00	62.01 5.65 0.00	52.11 4.24 0.00	53.50 3.20 0.00
BETHLEHEM___GRP 23843	51.93 -0.98 0.00	45.90 -0.54 0.00	32.52 -0.18 0.00	32.22 0.09 0.00	31.57 0.05 0.00	37.91 -0.42 0.00	44.17 -0.78 0.00	48.61 -0.83 0.00	51.68 -0.96 0.00	51.49 -1.04 0.27	53.06 -1.03 0.62	63.91 -1.18 1.60	69.95 -0.93 0.00	77.76 -0.40 0.00	106.23 0.07 0.07	128.65 0.48 5.56	191.57 1.75 1.56	526.31 7.26 5.44	548.70 7.22 0.29	476.64 4.88 0.00	275.52 3.11 0.00	57.15 0.80 0.00	48.31 0.45 0.00	50.17 -0.13 0.00
BETHLEHEM___GS1 323560	51.93 -0.98 0.00	45.90 -0.54 0.00	32.52 -0.18 0.00	32.22 0.09 0.00	31.57 0.05 0.00	37.91 -0.42 0.00	44.17 -0.78 0.00	48.61 -0.83 0.00	51.68 -0.96 0.00	51.49 -1.03 0.27	53.06 -1.03 0.62	63.90 -1.19 1.60	69.95 -0.93 0.00	77.76 -0.40 0.00	106.23 0.07 0.07	128.65 0.48 5.56	191.56 1.75 1.56	526.31 7.26 5.44	548.66 7.17 0.29	476.59 4.83 0.00	275.52 3.11 0.00	57.15 0.79 0.00	48.31 0.45 0.00	50.17 -0.13 0.00
BETHLEHEM___GS2 323561	51.93 -0.98 0.00	45.90 -0.54 0.00	32.52 -0.18 0.00	32.22 0.09 0.00	31.57 0.05 0.00	37.91 -0.42 0.00	44.17 -0.78 0.00	48.61 -0.83 0.00	51.68 -0.96 0.00	51.49 -1.03 0.27	53.06 -1.03 0.62	63.90 -1.19 1.60	69.95 -0.93 0.00	77.76 -0.40 0.00	106.23 0.07 0.07	128.65 0.48 5.56	191.56 1.75 1.56	526.31 7.26 5.44	548.66 7.17 0.29	476.59 4.83 0.00	275.52 3.11 0.00	57.15 0.79 0.00	48.31 0.45 0.00	50.17 -0.13 0.00
BETHLEHEM___GS3 323562	51.93 -0.98 0.00	45.90 -0.54 0.00	32.52 -0.18 0.00	32.22 0.09 0.00	31.57 0.05 0.00	37.91 -0.42 0.00	44.17 -0.78 0.00	48.61 -0.83 0.00	51.68 -0.96 0.00	51.49 -1.03 0.27	53.06 -1.03 0.62	63.90 -1.19 1.60	69.95 -0.93 0.00	77.76 -0.40 0.00	106.23 0.07 0.07	128.65 0.48 5.56	191.56 1.75 1.56	526.31 7.26 5.44	548.66 7.17 0.29	476.59 4.83 0.00	275.52 3.11 0.00	57.15 0.79 0.00	48.31 0.45 0.00	50.17 -0.13 0.00
BETHLEHEM___STEEL 23779	55.95 3.05 0.00	48.41 1.97 0.00	33.79 1.10 0.00	32.74 0.60 0.00	31.90 0.38 0.00	39.22 0.89 0.00	46.10 1.14 0.00	50.44 1.00 0.00	54.56 1.92 0.00	54.97 2.18 0.00	57.14 2.42 0.00	70.52 3.83 0.00	75.63 4.74 0.00	83.39 5.22 0.00	115.83 9.59 0.00	146.69 12.96 0.00	204.95 13.57 0.00	559.47 34.99 0.00	577.83 36.05 0.00	504.53 32.77 0.00	293.63 21.22 0.00	60.11 3.75 0.00	50.98 3.12 0.00	53.77 3.48 0.00
BETHLHEM_115KV_TB1 79974	52.09 -0.81 0.00	46.05 -0.40 0.00	32.61 -0.09 0.00	32.29 0.16 0.00	31.63 0.12 0.00	38.01 -0.31 0.00	44.30 -0.65 0.00	48.77 -0.67 0.00	51.86 -0.78 0.00	51.69 -0.85 0.25	53.29 -0.84 0.59	64.23 -0.95 1.51	70.23 -0.65 0.00	78.04 -0.12 0.00	106.59 0.43 0.07	129.13 0.93 5.53	192.20 2.38 1.55	527.82 8.75 5.41	550.29 8.80 0.29	478.01 6.25 0.00	276.32 3.91 0.00	57.31 0.95 0.00	48.46 0.59 0.00	50.32 0.02 0.00
BETHPAGE_CC_5 323564	51.47 1.02 2.45	48.13 1.69 0.00	34.31 1.61 0.00	33.88 1.74 0.00	33.06 1.55 0.00	39.81 1.48 0.00	45.97 1.02 0.00	50.72 1.29 0.00	47.76 1.11 5.99	43.04 1.19 10.94	57.88 2.32 -0.85	71.53 2.36 -2.48	74.09 3.49 0.28	85.19 6.38 -0.65	111.78 11.13 5.59	252.06 14.12 -104.21	219.56 21.60 -6.59	765.94 62.69 -178.76	759.06 62.30 -154.99	553.87 48.42 -33.69	342.40 27.00 -43.00	77.98 5.18 -16.44	60.10 3.76 -8.48	56.27 2.69 -3.28
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	56.05 3.14 0.00	48.48 2.04 0.00	33.83 1.14 0.00	32.78 0.65 0.00	31.94 0.42 0.00	39.27 0.95 0.00	46.18 1.23 0.00	50.56 1.12 0.00	54.67 2.03 0.00	55.11 2.32 0.00	57.32 2.60 0.00	70.75 4.06 0.00	75.92 5.03 0.00	83.74 5.58 0.00	116.36 10.12 0.00	147.30 13.57 0.00	205.99 14.62 0.00	562.36 37.87 0.00	580.86 39.08 0.00	506.75 34.99 0.00	294.84 22.44 0.00	60.31 3.95 0.00	51.11 3.24 0.00	53.85 3.56 0.00
BINGHAMTON___COGEN 23790	53.84 0.91 -0.02	47.14 0.67 -0.03	33.18 0.48 0.00	32.60 0.47 0.00	31.79 0.27 0.00	38.79 0.46 0.00	45.43 0.47 0.00	50.04 0.60 0.00	53.31 0.67 0.00	53.51 0.71 0.00	55.54 0.83 0.00	68.08 1.39 0.00	73.02 2.13 0.00	80.91 2.75 0.00	111.54 5.31 0.00	140.65 6.92 0.00	200.20 8.83 0.00	547.99 23.50 0.00	565.90 24.12 0.00	492.22 20.45 0.00	285.57 13.16 0.00	58.78 2.42 0.00	49.72 1.86 0.00	51.73 1.43 0.00

BIXINCNT_115KV_LOAD 355685	56.03 3.12 0.00	48.48 2.04 0.00	33.89 1.19 0.00	32.89 0.76 0.00	32.07 0.55 0.00	39.46 1.13 0.00	46.48 1.53 0.00	51.01 1.57 0.00	55.10 2.46 0.00	55.47 2.67 0.00	57.58 2.86 0.00	71.20 4.51 0.00	76.38 5.49 0.00	84.50 6.34 0.00	117.45 11.21 0.00	148.22 14.50 0.00	207.50 16.12 0.00	567.17 42.68 0.00	585.46 43.68 0.00	510.17 38.41 0.00	296.63 24.23 0.00	60.47 4.11 0.00	50.99 3.12 0.00	53.38 3.08 0.00
BLACK RIVER___HYD 24047	57.38 4.43 -0.05	50.14 3.64 -0.06	35.09 2.39 0.00	34.30 2.17 0.00	33.70 2.18 0.00	41.18 2.85 0.00	48.48 3.52 0.00	52.98 3.54 0.00	55.90 3.25 0.00	55.39 2.59 0.00	57.12 2.40 0.00	69.28 2.59 0.00	73.07 2.18 0.00	79.99 1.83 0.00	75.18 1.51 32.55	134.52 0.97 0.18	193.03 1.65 0.00	528.77 4.28 0.00	558.04 16.26 0.00	495.80 24.04 0.00	282.78 10.37 0.00	57.76 2.04 0.64	49.82 1.96 0.00	55.76 1.50 -3.96
BLACKRVR_115KV_TB2 79977	57.38 4.43 -0.05	50.14 3.64 -0.06	35.09 2.40 0.00	34.30 2.17 0.00	33.70 2.18 0.00	41.18 2.85 0.00	48.48 3.52 0.00	52.98 3.54 0.00	55.89 3.25 0.00	55.39 2.59 0.00	57.12 2.40 0.00	69.27 2.58 0.00	73.07 2.18 0.00	79.99 1.83 0.00	75.18 1.50 32.55	134.51 0.97 0.18	193.04 1.66 0.00	528.77 4.28 0.00	557.99 16.21 0.00	495.78 24.02 0.00	282.77 10.36 0.00	57.76 2.04 0.64	49.82 1.96 0.00	55.77 1.51 -3.96
BLDWN_LI_69_KV_BK4 356085	53.23 1.69 1.37	48.63 2.19 0.00	34.57 1.87 0.00	34.10 1.96 0.00	33.28 1.76 0.00	40.07 1.74 0.00	46.38 1.43 0.00	51.24 1.80 0.00	51.01 1.72 3.34	48.70 1.85 5.95	58.37 2.80 -0.85	71.77 2.90 -2.18	75.04 4.15 -0.01	87.52 7.08 -2.28	142.08 11.79 -24.05	263.81 15.19 -114.89	252.90 23.14 -38.38	923.72 66.13 -333.10	941.43 66.85 -332.80	644.34 53.31 -119.27	379.79 29.86 -77.52	88.08 5.95 -25.77	95.64 4.52 -43.26	79.01 3.37 -25.34
BLISS_WT_PWR 323608	56.03 3.12 0.00	48.48 2.04 0.00	33.89 1.19 0.00	32.88 0.75 0.00	32.07 0.55 0.00	39.46 1.14 0.00	46.50 1.54 0.00	51.04 1.60 0.00	55.14 2.50 0.00	55.49 2.70 0.00	57.62 2.91 0.00	71.27 4.57 0.00	76.44 5.56 0.00	84.59 6.43 0.00	117.58 11.34 0.00	148.33 14.60 0.00	207.51 16.14 0.00	567.03 42.55 0.00	585.68 43.90 0.00	510.24 38.47 0.00	296.62 24.21 0.00	60.42 4.06 0.00	50.87 3.01 0.00	53.21 2.91 0.00
BLUESTONE___WT_PWR 323821	55.81 2.89 -0.02	49.11 2.64 -0.03	34.57 1.87 0.00	33.75 1.62 0.00	32.23 0.71 0.00	39.77 1.44 0.00	46.77 1.81 0.00	52.07 2.64 0.00	55.60 2.96 0.00	55.87 3.07 0.00	57.94 3.23 0.00	70.97 4.28 0.00	76.15 5.26 0.00	84.46 6.30 0.00	116.05 9.82 0.00	146.39 12.66 0.00	209.19 17.81 0.00	575.10 50.61 0.00	597.16 55.38 0.00	521.64 49.87 0.00	302.69 30.29 0.00	62.17 5.81 0.00	52.31 4.44 0.00	54.24 3.94 0.00
BLUE_CIRC_CHEM_DRP 24182	51.73 -1.18 0.00	45.71 -0.74 0.00	32.35 -0.34 0.00	31.97 -0.17 0.00	31.36 -0.17 0.00	37.76 -0.56 0.00	44.03 -0.92 0.00	48.29 -1.15 0.00	51.16 -1.48 0.00	50.97 -1.64 0.18	52.55 -1.76 0.41	63.52 -2.12 1.05	68.93 -1.96 0.00	76.51 -1.65 0.00	104.40 -1.77 0.07	126.63 -2.13 4.96	188.07 -1.91 1.39	516.53 -3.10 4.86	539.63 -1.89 0.26	470.60 -1.16 0.00	272.25 -0.16 0.00	56.50 0.14 0.00	47.88 0.01 0.00	49.82 -0.47 0.00
BOC_GAS_DRP 24189	52.50 -0.40 0.00	46.40 -0.04 0.00	32.82 0.12 0.00	32.42 0.28 0.00	31.76 0.24 0.00	38.27 -0.05 0.00	44.63 -0.32 0.00	49.12 -0.32 0.00	52.26 -0.38 0.00	52.20 -0.42 0.17	53.95 -0.37 0.39	65.30 -0.39 1.01	70.83 -0.05 0.00	78.64 0.48 0.00	107.44 1.27 0.07	130.24 1.88 5.37	193.35 3.49 1.51	530.38 11.15 5.26	552.60 11.10 0.28	479.86 8.10 0.00	277.45 5.04 0.00	57.54 1.19 0.00	48.69 0.82 0.00	50.61 0.31 0.00
BOONVILLE_115KV_TB1 79983	55.18 2.26 -0.01	48.38 1.93 -0.02	33.99 1.29 0.00	33.35 1.22 0.00	32.70 1.19 0.00	39.84 1.52 0.00	46.82 1.86 0.00	51.40 1.96 0.00	54.52 1.88 0.00	54.44 1.65 0.00	56.20 1.49 0.00	68.32 1.63 0.00	72.63 1.74 0.00	80.05 1.89 0.00	91.05 2.63 17.81	136.72 3.09 0.10	196.11 4.74 0.00	538.47 13.98 0.00	560.76 18.98 0.00	492.84 21.08 0.00	283.43 11.02 0.00	58.17 2.03 0.22	49.58 1.71 0.00	53.84 1.37 -2.17
BORALEX_4TH_BRANCH 23824	53.44 0.54 0.00	47.34 0.90 0.00	33.60 0.90 0.00	33.24 1.11 0.00	32.62 1.10 0.00	39.17 0.85 0.00	45.58 0.63 0.00	50.13 0.69 0.00	53.28 0.64 0.00	52.39 0.33 0.73	53.17 0.14 1.69	62.64 0.29 4.35	71.63 0.74 0.00	79.90 1.74 0.00	109.15 3.01 0.09	131.57 4.34 6.50	196.88 7.33 1.83	541.43 23.31 6.37	565.95 24.51 0.34	491.30 19.54 0.00	285.78 13.37 0.00	59.68 3.32 0.00	50.37 2.51 0.00	52.27 1.97 0.00
BOWLINE___1 23526	53.93 1.03 0.00	47.76 1.32 0.00	33.81 1.11 0.00	33.40 1.26 0.00	32.63 1.11 0.00	39.26 0.94 0.00	45.74 0.79 0.00	50.51 1.07 0.00	53.76 1.12 0.00	54.50 1.36 -0.34	57.33 1.81 -0.80	71.07 2.33 -2.05	74.17 3.28 0.00	83.06 4.90 0.00	115.37 8.18 -0.96	216.90 10.95 -72.23	228.07 16.43 -20.27	642.23 47.04 -70.70	592.07 46.52 -3.77	507.55 35.79 0.00	292.66 20.25 0.00	60.50 4.14 0.00	50.81 2.95 0.00	52.23 1.93 0.00
BOWLINE___2 23595	53.93 1.03 0.00	47.76 1.32 0.00	33.82 1.12 0.00	33.42 1.28 0.00	32.65 1.13 0.00	39.30 0.97 0.00	45.76 0.80 0.00	50.52 1.08 0.00	53.77 1.13 0.00	54.50 1.36 -0.34	57.34 1.83 -0.80	71.08 2.33 -2.05	74.17 3.28 0.00	83.06 4.90 0.00	115.38 8.19 -0.96	216.97 10.96 -72.28	228.09 16.43 -20.28	642.29 47.04 -70.76	592.12 46.56 -3.77	507.59 35.82 0.00	292.66 20.25 0.00	60.50 4.14 0.00	50.81 2.95 0.00	52.22 1.92 0.00
BRADY___115KV_TB2 356060	54.53 1.62 0.00	47.64 1.19 0.00	33.40 0.70 0.00	32.68 0.54 0.00	32.21 0.69 0.00	39.48 1.15 0.00	46.76 1.81 0.00	51.07 1.63 0.00	53.83 1.19 0.00	53.75 0.96 0.00	55.25 0.53 0.00	66.91 0.21 0.00	70.41 -0.47 0.00	76.74 -1.42 0.00	-63.66 -4.73 165.17	124.17 -8.60 0.95	180.65 -10.72 0.00	495.76 -28.72 0.00	514.93 -26.85 0.00	454.54 -17.22 0.00	262.14 -10.26 0.00	51.33 -1.91 3.13	46.92 -0.94 0.00	68.61 0.37 -17.95
BRANSCOMB___SOLAR 323811	54.61 1.71 0.00	48.21 1.77 0.00	34.09 1.39 0.00	33.60 1.47 0.00	32.96 1.44 0.00	39.78 1.45 0.00	46.35 1.40 0.00	50.97 1.54 0.00	54.11 1.47 0.00	53.59 1.16 0.37	54.86 0.99 0.85	65.89 1.38 2.18	72.81 1.92 0.00	80.98 2.82 0.00	110.82 4.65 0.07	134.78 6.43 5.38	200.48 10.62 1.51	551.70 32.48 5.26	577.72 36.22 0.28	503.02 31.26 0.00	291.59 19.18 0.00	60.58 4.22 0.00	51.04 3.18 0.00	53.01 2.71 0.00
BRDGHMPT_69_KV_BK1 55812	51.75 1.90 3.06	48.93 2.49 0.00	34.96 2.26 0.00	34.58 2.45 0.00	33.76 2.24 0.00	40.68 2.36 0.00	47.05 2.10 0.00	52.02 2.58 0.00	47.83 2.66 7.48	41.80 2.76 13.75	60.14 4.57 -0.85	74.63 5.26 -2.68	76.49 6.43 0.83	88.16 9.86 -0.14	90.81 16.97 32.40	247.17 21.05 -92.40	197.72 31.54 25.18	582.54 88.72 30.67	564.30 87.12 64.60	464.21 67.80 75.35	326.19 39.48 -14.30	77.23 7.34 -13.53	50.95 5.87 2.78	51.11 4.66 3.85

BRENTWOD_69_KV_W. BRTWOOD 56703	51.08 1.18 3.00	48.36 1.92 0.00	34.50 1.80 0.00	34.09 1.95 0.00	33.27 1.75 0.00	40.05 1.73 0.00	46.21 1.26 0.00	50.98 1.54 0.00	46.58 1.27 7.33	40.73 1.41 13.47	58.47 2.91 -0.85	76.25 3.01 -6.55	73.65 3.81 1.05	85.20 6.84 -0.20	88.52 12.00 29.72	245.37 14.17 -97.48	182.62 21.27 30.03	576.11 61.18 9.57	557.56 59.90 44.12	451.05 46.39 67.10	315.61 27.01 -16.19	75.46 5.28 -13.82	50.40 4.19 1.65	50.33 3.17 3.13
BRISTLHL_115KV_TB1 79998	52.75 -0.27 -0.11	46.22 -0.35 -0.13	32.45 -0.25 0.00	31.83 -0.30 0.00	31.16 -0.36 0.00	37.91 -0.42 0.00	44.41 -0.54 0.00	48.88 -0.55 0.00	52.06 -0.58 0.00	52.20 -0.59 0.00	54.09 -0.63 0.00	66.15 -0.54 0.00	70.55 -0.34 0.00	78.03 -0.13 0.00	102.63 0.61 4.21	135.15 1.45 0.02	192.86 1.49 0.00	527.76 3.27 0.00	545.17 3.39 0.00	475.69 3.93 0.00	274.97 2.56 0.00	56.80 0.44 0.00	48.14 0.27 0.00	50.45 -0.07 -0.23
BROOKHAVEN___DRP 24191	50.35 0.51 3.06	47.74 1.30 0.00	34.07 1.37 0.00	33.67 1.54 0.00	32.87 1.35 0.00	39.57 1.24 0.00	45.70 0.75 0.00	50.43 0.99 0.00	45.92 0.76 7.48	39.88 0.85 13.76	57.90 2.34 -0.85	71.71 2.35 -2.67	73.41 3.34 0.82	84.61 6.31 -0.14	85.52 11.76 32.47	240.34 14.26 -92.36	187.31 21.57 25.64	554.66 61.36 31.19	536.73 59.99 65.04	442.08 45.77 75.45	314.27 27.57 -14.29	75.04 5.16 -13.52	48.99 3.94 2.80	49.20 2.76 3.86
BROOKLYN_NAVY_YARD 23515	54.69 1.79 0.00	48.61 2.16 0.00	34.40 1.70 0.00	33.89 1.76 0.00	33.13 1.61 0.00	39.90 1.58 0.00	46.53 1.58 0.00	51.49 2.05 0.00	54.80 2.16 0.00	55.50 2.34 -0.36	58.37 2.81 -0.85	72.41 3.54 -2.18	75.61 4.73 0.00	84.73 6.51 -0.06	118.31 10.56 -1.52	258.33 13.82 -110.78	244.08 20.64 -32.07	697.41 58.39 -114.53	615.66 58.00 -15.89	524.63 45.70 -7.17	303.71 24.88 -6.42	61.37 5.01 0.00	51.65 3.79 0.00	53.04 2.74 0.00
BROOKLYN___ARMY_DRP 323595	54.80 1.90 0.00	48.82 2.38 0.00	34.53 1.83 0.00	33.98 1.85 0.00	33.24 1.72 0.00	40.01 1.69 0.00	46.64 1.69 0.00	51.48 2.05 0.00	54.76 2.12 0.00	55.44 2.28 -0.36	58.41 2.85 -0.85	72.41 3.54 -2.18	75.63 4.74 0.00	84.64 6.48 0.00	118.18 10.50 -1.45	256.58 13.66 -109.19	242.06 20.05 -30.64	687.90 56.51 -106.89	603.98 56.50 -5.70	516.08 44.31 0.00	297.12 24.72 0.00	61.38 5.01 0.00	51.59 3.72 0.00	52.98 2.68 0.00
BROOME_2_LFGE 323671	53.84 0.91 -0.02	47.14 0.67 -0.03	33.18 0.48 0.00	32.60 0.47 0.00	31.79 0.27 0.00	38.79 0.46 0.00	45.43 0.47 0.00	50.04 0.60 0.00	53.31 0.67 0.00	53.51 0.72 0.00	55.54 0.83 0.00	68.08 1.38 0.00	73.02 2.13 0.00	80.91 2.75 0.00	111.54 5.31 0.00	140.64 6.92 0.00	200.20 8.83 0.00	547.86 23.37 0.00	565.86 24.08 0.00	492.23 20.47 0.00	285.61 13.20 0.00	58.78 2.42 0.00	49.72 1.86 0.00	51.73 1.43 0.00
BROOME___LFGE 323600	53.84 0.91 -0.02	47.14 0.67 -0.03	33.18 0.48 0.00	32.60 0.47 0.00	31.79 0.27 0.00	38.79 0.46 0.00	45.43 0.47 0.00	50.04 0.60 0.00	53.31 0.67 0.00	53.51 0.72 0.00	55.54 0.83 0.00	68.08 1.38 0.00	73.02 2.13 0.00	80.91 2.75 0.00	111.54 5.31 0.00	140.64 6.92 0.00	200.20 8.83 0.00	547.86 23.37 0.00	565.86 24.08 0.00	492.23 20.47 0.00	285.61 13.20 0.00	58.78 2.42 0.00	49.72 1.86 0.00	51.73 1.43 0.00
BROWNFLS_115KV_TB 3_5 80003	55.12 2.20 -0.02	48.21 1.74 -0.02	33.79 1.09 0.00	33.04 0.91 0.00	32.47 0.95 0.00	39.72 1.40 0.00	46.93 1.98 0.00	51.36 1.92 0.00	54.24 1.60 0.00	53.91 1.12 0.00	55.26 0.54 0.00	66.97 0.28 0.00	70.59 -0.30 0.00	77.01 -1.15 0.00	17.46 -3.53 85.24	127.43 -5.81 0.48	183.72 -7.65 0.00	503.42 -21.07 0.00	526.23 -15.55 0.00	464.95 -6.82 0.00	266.34 -6.06 0.00	53.38 -1.17 1.81	47.51 -0.35 0.00	60.79 0.11 -10.39
BROWNSV1_27_KV_LOAD 356125	55.51 2.60 0.00	49.28 2.84 0.00	34.86 2.17 0.00	34.34 2.21 0.00	33.56 2.04 0.00	40.41 2.09 0.00	47.16 2.21 0.00	52.21 2.78 0.00	55.58 2.94 0.00	56.33 3.17 -0.36	59.30 3.74 -0.85	73.62 4.75 -2.18	76.93 6.04 0.00	86.17 8.02 0.00	120.10 12.43 -1.44	258.78 16.09 -108.96	245.87 23.93 -30.57	698.60 67.44 -106.67	615.12 67.66 -5.69	525.57 53.81 0.00	302.51 30.10 0.00	62.43 6.07 0.00	52.43 4.57 0.00	53.83 3.54 0.00
BURROWS___LYONSDAL 23803	55.40 2.48 -0.02	48.56 2.10 -0.02	34.10 1.41 0.00	33.43 1.30 0.00	32.80 1.28 0.00	39.99 1.67 0.00	47.03 2.08 0.00	51.58 2.15 0.00	54.64 2.00 0.00	54.48 1.69 0.00	56.19 1.47 0.00	68.27 1.58 0.00	72.45 1.56 0.00	79.73 1.57 0.00	84.63 1.97 23.58	135.70 2.10 0.13	194.73 3.35 0.00	534.36 9.87 0.00	557.65 15.87 0.00	491.05 19.29 0.00	281.78 9.37 0.00	57.63 1.63 0.36	49.29 1.42 0.00	54.25 1.08 -2.87
CAITHNESS_CC_1 323624	50.29 0.45 3.06	47.71 1.27 0.00	34.05 1.35 0.00	33.66 1.53 0.00	32.85 1.33 0.00	39.54 1.22 0.00	45.66 0.71 0.00	50.37 0.93 0.00	45.83 0.67 7.48	39.80 0.77 13.77	57.76 2.20 -0.85	71.55 2.20 -2.66	73.23 3.15 0.80	84.37 6.07 -0.14	85.00 11.30 32.53	239.76 13.72 -92.31	186.21 20.93 26.09	552.95 60.16 31.70	535.12 58.82 65.48	440.34 44.14 75.56	313.03 26.34 -14.28	74.84 4.97 -13.51	48.71 3.68 2.83	49.03 2.61 3.88
CALPINE BETH_PAGE_GT4 24209	51.73 1.00 2.18	48.10 1.66 0.00	34.34 1.64 0.00	33.88 1.75 0.00	33.07 1.55 0.00	39.81 1.49 0.00	45.91 0.96 0.00	50.70 1.26 0.00	48.42 1.10 5.33	44.30 1.21 9.69	57.87 2.31 -0.85	71.46 2.36 -2.40	74.38 3.49 0.00	85.38 6.38 -0.84	123.25 11.11 -5.90	257.27 14.11 -109.44	237.55 21.65 -24.53	857.58 61.80 -271.29	854.95 61.52 -251.65	602.45 48.50 -82.18	355.21 27.12 -55.68	79.00 5.19 -17.45	65.04 3.86 -13.31	59.37 2.68 -6.39
CALPINE_BETH_PAGE_GT_4 323586	51.72 0.99 2.18	48.10 1.66 0.00	34.34 1.64 0.00	33.88 1.75 0.00	33.07 1.55 0.00	39.81 1.49 0.00	45.91 0.96 0.00	50.70 1.26 0.00	48.40 1.09 5.33	44.30 1.21 9.69	57.87 2.31 -0.85	71.46 2.36 -2.40	74.38 3.49 0.00	85.37 6.37 -0.84	123.22 11.09 -5.90	257.20 14.03 -109.44	237.48 21.59 -24.53	858.42 62.65 -271.29	855.77 62.34 -251.65	602.41 48.47 -82.18	355.08 27.00 -55.68	79.00 5.19 -17.45	64.93 3.75 -13.31	59.35 2.66 -6.39
CALPINE_BP_GT1 23823	51.72 0.99 2.18	48.10 1.66 0.00	34.34 1.64 0.00	33.88 1.75 0.00	33.07 1.55 0.00	39.81 1.49 0.00	45.91 0.96 0.00	50.70 1.26 0.00	48.40 1.09 5.33	44.30 1.21 9.69	57.87 2.31 -0.85	71.46 2.36 -2.40	74.38 3.49 0.00	85.37 6.37 -0.84	123.22 11.09 -5.90	257.20 14.03 -109.44	237.48 21.59 -24.53	858.42 62.65 -271.29	855.77 62.34 -251.65	602.41 48.47 -82.18	355.08 27.00 -55.68	79.00 5.19 -17.45	64.93 3.75 -13.31	59.35 2.66 -6.39
CALSPAN___DRP 24200	55.95 3.05 0.00	48.41 1.97 0.00	33.79 1.10 0.00	32.74 0.60 0.00	31.90 0.38 0.00	39.22 0.89 0.00	46.10 1.14 0.00	50.44 1.00 0.00	54.56 1.92 0.00	54.97 2.18 0.00	57.14 2.42 0.00	70.52 3.83 0.00	75.63 4.74 0.00	83.39 5.22 0.00	115.83 9.59 0.00	146.69 12.96 0.00	204.95 13.57 0.00	559.47 34.99 0.00	577.83 36.05 0.00	504.53 32.77 0.00	293.63 21.22 0.00	60.11 3.75 0.00	50.98 3.12 0.00	53.77 3.48 0.00

CALVERTON___SOLAR 323806	50.49 0.64 3.06	47.85 1.41 0.00	34.15 1.45 0.00	33.76 1.62 0.00	32.95 1.43 0.00	39.68 1.35 0.00	45.83 0.88 0.00	50.60 1.16 0.00	46.09 0.93 7.48	40.05 1.02 13.76	58.08 2.52 -0.85	71.98 2.61 -2.67	73.71 3.64 0.82	84.99 6.69 -0.14	86.07 12.29 32.45	241.10 15.01 -92.37	188.79 22.89 25.47	559.57 66.10 31.03	541.64 64.78 64.91	445.40 49.06 75.43	315.62 28.92 -14.29	75.32 5.44 -13.52	49.12 4.05 2.80	49.40 2.96 3.85
CANDIGU_WT_PWR 323617	54.42 1.50 -0.01	47.47 1.01 -0.02	33.33 0.63 0.00	32.65 0.52 0.00	31.78 0.27 0.00	39.03 0.71 0.00	45.79 0.84 0.00	50.15 0.72 0.00	53.41 0.77 0.00	53.51 0.72 0.00	55.53 0.81 0.00	68.31 1.62 0.00	73.34 2.46 0.00	81.12 2.96 0.00	112.63 6.40 0.00	142.23 8.50 0.00	200.72 9.35 0.00	548.28 23.79 0.00	569.33 27.55 0.00	498.93 27.17 0.00	290.72 18.32 0.00	59.37 3.01 0.00	50.16 2.29 0.00	52.25 1.95 0.00
CARR STREET_E_SYR 24060	52.77 -0.17 -0.03	46.19 -0.29 -0.04	32.49 -0.21 0.00	31.87 -0.26 0.00	31.20 -0.32 0.00	37.96 -0.36 0.00	44.47 -0.48 0.00	48.98 -0.46 0.00	52.23 -0.41 0.00	52.43 -0.36 0.00	54.40 -0.31 0.00	66.58 -0.11 0.00	71.16 0.27 0.00	78.61 0.45 0.00	104.38 1.61 3.46	136.35 2.64 0.02	194.53 3.16 0.00	532.22 7.74 0.00	549.81 8.03 0.00	479.35 7.59 0.00	277.10 4.69 0.00	57.16 0.80 0.00	48.41 0.55 0.00	50.68 0.19 -0.19
CARTHAGE___PAPER 23857	57.03 4.09 -0.04	49.85 3.36 -0.05	34.92 2.22 0.00	34.15 2.01 0.00	33.56 2.04 0.00	41.01 2.69 0.00	48.34 3.38 0.00	52.85 3.41 0.00	55.73 3.09 0.00	55.22 2.43 0.00	56.81 2.10 0.00	68.98 2.28 0.00	72.51 1.62 0.00	78.92 0.76 0.00	67.12 -0.90 38.22	131.29 -2.22 0.21	188.65 -2.72 0.00	517.32 -7.17 0.00	545.35 3.57 0.00	484.55 12.79 0.00	276.52 4.12 0.00	56.46 0.85 0.75	49.45 1.59 0.00	56.30 1.35 -4.66
CASSADAGA_WT_PWR 323784	56.69 3.79 0.00	49.02 2.58 0.00	34.36 1.67 0.00	33.42 1.28 0.00	32.49 0.98 0.00	40.06 1.73 0.00	47.36 2.40 0.00	52.07 2.63 0.00	56.15 3.51 0.00	56.54 3.75 0.00	58.77 4.05 0.00	72.70 6.01 0.00	78.19 7.30 0.00	85.67 7.51 0.00	119.19 12.96 0.00	150.71 16.98 0.00	210.42 19.05 0.00	574.52 50.03 0.00	594.45 52.67 0.00	517.23 45.47 0.00	301.22 28.81 0.00	61.39 5.03 0.00	52.30 4.44 0.00	54.81 4.51 0.00
CE_DUNWOOD___DRP 24194	54.36 1.46 0.00	48.21 1.77 0.00	34.12 1.43 0.00	33.67 1.53 0.00	32.91 1.39 0.00	39.63 1.30 0.00	46.18 1.23 0.00	51.04 1.60 0.00	54.33 1.69 0.00	55.04 1.88 -0.36	57.95 2.39 -0.85	71.88 3.01 -2.18	74.93 4.05 0.00	83.90 5.74 0.00	116.97 9.40 -1.34	247.13 12.37 -101.04	238.25 18.53 -28.35	676.15 52.76 -98.91	599.54 52.49 -5.27	512.64 40.87 0.00	295.55 23.15 0.00	61.06 4.70 0.00	51.29 3.43 0.00	52.73 2.43 0.00
CE_MILLWOOD___DRP 24193	54.24 1.33 0.00	48.07 1.63 0.00	34.03 1.33 0.00	33.57 1.44 0.00	32.82 1.30 0.00	39.52 1.19 0.00	46.05 1.10 0.00	50.88 1.44 0.00	54.17 1.53 0.00	54.86 1.71 -0.36	57.75 2.19 -0.84	71.65 2.79 -2.17	74.67 3.78 0.00	83.58 5.42 0.00	116.39 8.94 -1.22	237.44 11.78 -91.93	234.93 17.76 -25.79	664.97 50.48 -90.00	596.86 50.28 -4.80	510.75 38.99 0.00	294.60 22.19 0.00	60.86 4.51 0.00	51.14 3.28 0.00	52.58 2.28 0.00
CE_NYC2_DRP 24202	54.54 1.63 0.00	48.63 2.19 0.00	34.43 1.73 0.00	33.90 1.77 0.00	33.17 1.66 0.00	39.92 1.59 0.00	46.54 1.59 0.00	51.47 2.03 0.00	54.74 2.10 0.00	55.27 2.11 -0.36	58.11 2.54 -0.85	72.01 3.13 -2.18	75.18 4.29 0.00	84.17 6.01 0.00	117.56 9.88 -1.45	213.30 12.85 -66.72	241.16 19.15 -30.64	681.41 53.80 -103.12	601.00 53.52 -5.70	513.49 41.73 0.00	290.47 23.09 5.03	52.18 4.66 8.83	50.02 3.41 1.25	52.09 2.40 0.60
CE_NYC_DRP 24195	54.76 1.86 0.00	48.66 2.21 0.00	34.43 1.74 0.00	33.95 1.81 0.00	33.18 1.66 0.00	39.95 1.63 0.00	46.61 1.66 0.00	51.57 2.13 0.00	54.86 2.22 0.00	55.59 2.43 -0.36	58.52 2.95 -0.85	72.59 3.72 -2.18	75.78 4.89 0.00	84.89 6.73 0.00	118.51 10.83 -1.44	256.68 14.05 -108.91	242.94 21.01 -30.56	690.37 59.27 -106.62	606.54 59.08 -5.68	518.18 46.42 0.00	298.24 25.83 0.00	61.59 5.23 0.00	51.73 3.87 0.00	53.13 2.84 0.00
CHAFFEE___LFGE 323603	56.15 3.25 0.00	48.56 2.12 0.00	33.90 1.20 0.00	32.85 0.71 0.00	32.01 0.49 0.00	39.35 1.03 0.00	46.28 1.33 0.00	50.66 1.22 0.00	54.80 2.16 0.00	55.22 2.43 0.00	57.39 2.68 0.00	70.85 4.16 0.00	76.01 5.12 0.00	83.85 5.69 0.00	116.51 10.27 0.00	147.46 13.73 0.00	206.12 14.75 0.00	562.63 38.14 0.00	581.53 39.75 0.00	507.60 35.83 0.00	295.44 23.03 0.00	60.42 4.06 0.00	51.21 3.34 0.00	53.96 3.66 0.00
CHATEAUG_35_KV_LOAD 355732	53.15 0.24 0.00	46.58 0.14 0.00	32.68 -0.02 0.00	32.10 -0.03 0.00	31.64 0.13 0.00	38.73 0.40 0.00	45.78 0.83 0.00	50.09 0.65 0.00	53.09 0.45 0.00	53.29 0.50 0.00	55.00 0.29 0.00	66.87 0.17 0.00	70.69 -0.20 0.00	77.27 -0.89 0.00	91.60 -3.20 11.43	129.28 -4.37 0.07	182.92 -8.45 0.00	498.36 -26.13 0.00	515.51 -26.27 0.00	450.76 -21.01 0.00	259.50 -12.91 0.00	49.87 -3.10 3.39	45.11 -2.76 0.00	47.27 -1.80 1.23
CHATEAUG_WT_PWR 323614	53.05 0.14 0.00	46.53 0.09 0.00	32.66 -0.04 0.00	32.08 -0.05 0.00	31.63 0.11 0.00	38.66 0.33 0.00	45.68 0.73 0.00	50.02 0.58 0.00	53.06 0.42 0.00	53.25 0.46 0.00	54.98 0.26 0.00	66.86 0.17 0.00	70.74 -0.14 0.00	77.36 -0.80 0.00	103.28 -2.95 0.00	129.55 -4.17 0.00	183.53 -7.84 0.00	499.76 -24.72 0.00	517.10 -24.68 0.00	451.10 -20.66 0.00	259.47 -12.93 0.00	49.76 -3.14 3.45	45.00 -2.87 0.00	47.20 -1.93 1.18
CHAT_HIGH_FALL_HYD 323578	53.15 0.24 0.00	46.58 0.14 0.00	32.68 -0.02 0.00	32.10 -0.03 0.00	31.64 0.13 0.00	38.73 0.40 0.00	45.78 0.83 0.00	50.09 0.65 0.00	53.09 0.45 0.00	53.29 0.50 0.00	55.00 0.29 0.00	66.87 0.17 0.00	70.69 -0.20 0.00	77.27 -0.89 0.00	91.60 -3.20 11.43	129.28 -4.37 0.07	182.92 -8.45 0.00	498.36 -26.13 0.00	515.51 -26.27 0.00	450.76 -21.01 0.00	259.50 -12.91 0.00	49.87 -3.10 3.39	45.11 -2.76 0.00	47.27 -1.80 1.23
CHAUTAUQUA___LFGE 323629	56.22 3.32 0.00	48.61 2.16 0.00	34.03 1.33 0.00	33.10 0.97 0.00	32.16 0.64 0.00	39.62 1.30 0.00	46.57 1.62 0.00	51.03 1.59 0.00	54.94 2.30 0.00	55.30 2.51 0.00	57.51 2.79 0.00	71.03 4.34 0.00	76.37 5.48 0.00	84.17 6.01 0.00	117.22 10.98 0.00	148.25 14.52 0.00	207.69 16.31 0.00	566.37 41.89 0.00	586.41 44.63 0.00	510.48 38.72 0.00	297.82 25.41 0.00	60.84 4.48 0.00	51.62 3.76 0.00	54.16 3.86 0.00
CHERRYST_13_KV_LD 356241	54.98 2.07 0.00	48.84 2.40 0.00	34.57 1.87 0.00	34.07 1.94 0.00	33.31 1.79 0.00	40.12 1.79 0.00	46.80 1.85 0.00	51.81 2.38 0.00	55.13 2.49 0.00	55.88 2.72 -0.36	58.85 3.29 -0.85	72.99 4.12 -2.18	76.20 5.31 0.00	85.37 7.21 0.00	119.17 11.49 -1.44	257.53 14.89 -108.92	244.09 22.16 -30.56	693.44 62.33 -106.62	609.43 61.97 -5.68	520.57 48.81 0.00	299.60 27.19 0.00	61.85 5.50 0.00	51.94 4.07 0.00	53.34 3.05 0.00

CHESTROR_138KV_BK263 355645	53.96 1.05 0.00	47.71 1.27 0.00	33.74 1.04 0.00	33.28 1.14 0.00	32.53 1.02 0.00	39.22 0.90 0.00	45.72 0.77 0.00	50.47 1.04 0.00	53.74 1.10 0.00	54.38 1.27 -0.31	57.09 1.65 -0.72	70.69 2.13 -1.87	73.86 2.98 0.00	82.55 4.39 0.00	114.22 7.40 -0.59	188.33 9.91 -44.69	218.93 15.02 -12.54	611.11 42.88 -43.75	587.17 43.06 -2.33	505.04 33.28 0.00	291.61 19.20 0.00	60.26 3.90 0.00	50.68 2.82 0.00	52.20 1.90 0.00
CH_MIDHUDSON___DRP 24192	54.16 1.26 0.00	47.94 1.50 0.00	33.93 1.23 0.00	33.47 1.34 0.00	32.75 1.23 0.00	39.44 1.12 0.00	45.96 1.01 0.00	50.78 1.34 0.00	54.08 1.44 0.00	54.64 1.58 -0.27	57.29 1.96 -0.62	70.71 2.43 -1.59	74.24 3.35 0.00	82.96 4.80 0.00	114.13 7.98 0.08	138.41 10.59 5.90	206.05 16.34 1.66	565.56 46.86 5.78	588.32 46.85 0.31	505.90 34.14 0.00	293.31 20.91 0.00	60.64 4.28 0.00	50.98 3.12 0.00	52.49 2.19 0.00
CH_MISC_IPPS 23765	54.67 1.77 0.00	48.35 1.91 0.00	34.20 1.50 0.00	33.72 1.59 0.00	32.99 1.47 0.00	39.76 1.44 0.00	46.36 1.40 0.00	51.24 1.80 0.00	54.59 1.95 0.00	55.23 2.15 -0.29	57.87 2.48 -0.67	71.33 2.90 -1.74	74.67 3.78 0.00	83.50 5.34 0.00	115.07 8.84 0.00	145.46 11.73 0.00	209.33 17.96 0.00	576.08 51.59 0.00	593.47 51.69 0.00	503.74 31.98 0.00	295.28 22.88 0.00	60.99 4.64 0.00	51.23 3.36 0.00	52.69 2.39 0.00
CH_RES_BVR_FALLS 23983	52.83 -0.07 0.00	46.35 -0.09 0.00	32.60 -0.10 0.00	31.98 -0.15 0.00	31.44 -0.08 0.00	38.32 0.00 0.00	45.06 0.11 0.00	49.50 0.06 0.00	52.63 -0.01 0.00	52.72 -0.08 0.00	54.50 -0.22 0.00	66.27 -0.42 0.00	70.12 -0.76 0.00	77.09 -1.08 0.00	108.22 -2.12 -4.11	130.66 -3.09 -0.02	186.74 -4.64 0.00	510.39 -14.10 0.00	527.31 -14.47 0.00	460.63 -11.14 0.00	265.02 -7.39 0.00	49.37 -1.64 5.35	46.62 -1.25 0.00	49.10 -0.97 0.23
CH_RES_NIAGARA 23895	54.63 1.72 0.00	47.30 0.86 0.00	33.00 0.30 0.00	31.88 -0.25 0.00	31.15 -0.37 0.00	38.19 -0.14 0.00	44.88 -0.07 0.00	49.03 -0.40 0.00	53.11 0.48 0.00	53.50 0.71 0.00	55.68 0.96 0.00	68.49 1.80 0.00	73.30 2.41 0.00	80.58 2.42 0.00	111.35 5.11 0.00	140.98 7.25 0.00	195.83 4.46 0.00	533.26 8.77 0.00	550.65 8.87 0.00	481.92 10.15 0.00	280.32 7.92 0.00	57.75 1.39 0.00	49.14 1.28 0.00	52.19 1.90 0.00
CH_RES_SYRACUSE 23985	53.07 0.11 -0.06	46.46 -0.05 -0.07	32.64 -0.06 0.00	32.02 -0.11 0.00	31.34 -0.18 0.00	38.15 -0.17 0.00	44.72 -0.23 0.00	49.20 -0.24 0.00	52.50 -0.14 0.00	52.68 -0.12 0.00	54.67 -0.05 0.00	66.98 0.30 0.00	71.80 0.92 0.00	79.10 0.94 0.00	105.66 2.22 2.80	137.04 3.33 0.02	195.30 3.93 0.00	533.35 8.86 0.00	551.52 9.74 0.00	481.06 9.29 0.00	278.40 5.99 0.00	57.43 1.07 0.00	48.62 0.75 0.00	50.90 0.43 -0.17
CLINTON_WT_PWR 323605	53.05 0.14 0.00	46.53 0.09 0.00	32.66 -0.04 0.00	32.08 -0.05 0.00	31.63 0.11 0.00	38.66 0.33 0.00	45.68 0.73 0.00	50.02 0.58 0.00	53.06 0.42 0.00	53.25 0.46 0.00	54.98 0.26 0.00	66.86 0.17 0.00	70.74 -0.14 0.00	77.36 -0.80 0.00	103.28 -2.95 0.00	129.55 -4.17 0.00	183.53 -7.84 0.00	499.76 -24.72 0.00	517.10 -24.68 0.00	451.10 -20.66 0.00	259.47 -12.93 0.00	49.76 -3.14 3.45	45.00 -2.87 0.00	47.20 -1.93 1.18
CLINTON___LFGE 323618	53.63 0.73 0.00	47.11 0.67 0.00	33.06 0.36 0.00	32.47 0.34 0.00	32.01 0.49 0.00	39.09 0.77 0.00	46.22 1.27 0.00	50.51 1.07 0.00	53.38 0.74 0.00	53.67 0.88 0.00	55.39 0.67 0.00	67.40 0.70 0.00	71.62 0.74 0.00	78.39 0.23 0.00	102.20 -1.52 2.52	132.84 -0.87 0.02	185.84 -5.53 0.00	505.70 -18.79 0.00	523.95 -17.83 0.00	458.19 -13.57 0.00	263.78 -8.63 0.00	50.57 -2.36 3.44	45.55 -2.32 0.00	47.48 -1.43 1.39
COBBLENY_34_KV_TB1 80064	56.15 3.24 0.00	48.56 2.12 0.00	33.89 1.20 0.00	32.85 0.71 0.00	32.01 0.49 0.00	39.35 1.03 0.00	46.27 1.32 0.00	50.67 1.24 0.00	54.79 2.15 0.00	55.22 2.43 0.00	57.39 2.68 0.00	70.85 4.16 0.00	76.00 5.12 0.00	83.84 5.68 0.00	116.48 10.24 0.00	147.42 13.69 0.00	206.18 14.81 0.00	563.10 38.62 0.00	581.53 39.75 0.00	507.52 35.76 0.00	295.44 23.03 0.00	60.42 4.06 0.00	51.20 3.34 0.00	53.97 3.67 0.00
COFFEEN___115KV_TB3 355620	57.89 4.94 -0.05	50.54 4.05 -0.06	35.37 2.67 0.00	34.57 2.44 0.00	33.96 2.44 0.00	41.50 3.17 0.00	48.85 3.90 0.00	53.36 3.92 0.00	56.27 3.62 0.00	55.74 2.95 0.00	57.53 2.82 0.00	69.73 3.04 0.00	73.50 2.61 0.00	80.47 2.31 0.00	76.91 2.23 31.55	135.40 1.85 0.18	194.36 2.99 0.00	532.79 8.30 0.00	563.05 21.27 0.00	500.85 29.08 0.00	286.53 14.12 0.00	58.63 2.88 0.61	50.48 2.61 0.00	56.26 2.12 -3.84
COLDSPRG_115KV_BK1 355956	56.59 3.68 0.00	48.99 2.55 0.00	34.31 1.61 0.00	33.38 1.25 0.00	32.48 0.97 0.00	40.03 1.70 0.00	47.44 2.49 0.00	52.28 2.84 0.00	56.37 3.73 0.00	56.73 3.94 0.00	58.87 4.15 0.00	72.85 6.16 0.00	78.27 7.38 0.00	85.81 7.65 0.00	119.30 13.07 0.00	150.66 16.93 0.00	210.02 18.65 0.00	574.94 50.45 0.00	593.81 52.03 0.00	516.75 44.99 0.00	300.93 28.52 0.00	61.29 4.93 0.00	52.37 4.51 0.00	54.81 4.51 0.00
COLONIE_LFGE___ 323577	53.47 0.57 0.00	47.25 0.80 0.00	33.44 0.74 0.00	33.04 0.90 0.00	32.40 0.89 0.00	39.00 0.67 0.00	45.46 0.50 0.00	50.02 0.59 0.00	53.19 0.55 0.00	52.74 0.38 0.43	54.04 0.32 1.00	64.65 0.52 2.57	71.87 0.98 0.00	79.95 1.79 0.00	109.27 3.11 0.08	132.43 4.41 5.70	197.18 7.41 1.60	541.98 23.08 5.58	565.97 24.48 0.30	491.83 20.06 0.00	284.98 12.57 0.00	59.20 2.84 0.00	49.98 2.11 0.00	51.91 1.61 0.00
COOPERNY_115KV_TB1 80082	53.68 0.77 0.00	47.39 0.94 0.00	33.47 0.77 0.00	32.98 0.85 0.00	32.26 0.74 0.00	38.98 0.66 0.00	45.49 0.54 0.00	50.17 0.73 0.00	53.42 0.78 0.00	53.94 0.93 -0.22	56.45 1.23 -0.50	69.61 1.63 -1.29	73.23 2.34 0.00	81.56 3.40 0.00	112.21 5.71 -0.27	161.50 7.67 -20.10	208.56 11.55 -5.64	577.34 33.17 -19.68	575.91 33.09 -1.05	497.78 26.01 0.00	287.24 14.83 0.00	59.36 3.00 0.00	50.04 2.18 0.00	51.75 1.45 0.00
COPENHAGEN_WT_PWR 323753	56.89 3.93 -0.05	49.75 3.25 -0.06	34.83 2.13 0.00	34.02 1.89 0.00	33.45 1.93 0.00	40.86 2.53 0.00	48.08 3.13 0.00	52.58 3.14 0.00	55.51 2.87 0.00	55.06 2.26 0.00	56.80 2.08 0.00	68.86 2.16 0.00	72.69 1.80 0.00	79.62 1.47 0.00	77.66 1.20 29.78	134.09 0.54 0.17	192.29 0.92 0.00	525.84 1.36 0.00	554.55 12.77 0.00	492.19 20.42 0.00	279.25 6.85 0.00	57.00 1.22 0.58	49.04 1.17 0.00	54.62 0.69 -3.63
CORNELL_____ 23752	54.75 1.81 -0.03	47.91 1.43 -0.04	33.67 0.98 0.00	33.02 0.89 0.00	32.25 0.73 0.00	39.35 1.03 0.00	46.17 1.22 0.00	50.78 1.34 0.00	53.96 1.32 0.00	53.96 1.17 0.00	55.79 1.08 0.00	68.25 1.56 0.00	73.12 2.23 0.00	80.92 2.76 0.00	111.15 4.92 0.00	140.27 6.54 0.00	200.32 8.95 0.00	550.00 25.51 0.00	572.01 30.23 0.00	501.59 29.83 0.00	291.05 18.64 0.00	59.92 3.56 0.00	50.56 2.70 0.00	52.61 2.32 0.00

CORONA V_69_KV_TB1 355595	54.79 1.89 0.00	48.76 2.32 0.00	34.61 1.91 0.00	34.14 2.01 0.00	33.34 1.83 0.00	40.14 1.81 0.00	46.53 1.57 0.00	51.38 1.95 0.00	54.52 1.87 0.00	55.21 2.06 -0.36	58.63 3.06 -0.85	72.29 3.42 -2.18	75.38 4.47 -0.02	90.05 7.38 -4.51	168.18 12.07 -49.88	272.61 15.67 -123.22	272.15 23.88 -56.90	1007.46 67.88 -415.10	1052.59 69.15 -441.66	699.19 55.21 -172.22	414.70 31.01 -111.29	100.68 6.01 -38.31	138.49 4.56 -86.07	106.24 3.44 -52.50
CORTLAND_115KV_TB3 80093	54.04 1.10 -0.04	47.33 0.85 -0.04	33.28 0.58 0.00	32.68 0.54 0.00	31.94 0.42 0.00	38.92 0.60 0.00	45.63 0.68 0.00	50.24 0.81 0.00	53.45 0.81 0.00	53.56 0.76 0.00	55.42 0.71 0.00	67.79 1.09 0.00	72.55 1.67 0.00	80.27 2.11 0.00	107.45 4.08 2.86	139.15 5.44 0.02	198.62 7.25 0.00	544.50 20.01 0.00	564.01 22.23 0.00	492.72 20.95 0.00	285.68 13.27 0.00	58.87 2.52 0.00	49.80 1.94 0.00	51.83 1.53 0.00
COXSACKIE__GT 23611	54.61 1.71 0.00	48.12 1.68 0.00	33.98 1.29 0.00	33.59 1.46 0.00	32.93 1.42 0.00	39.71 1.39 0.00	46.35 1.39 0.00	50.95 1.51 0.00	53.77 1.13 0.00	53.19 0.52 0.12	54.86 0.43 0.28	66.62 0.65 0.72	71.81 0.92 0.00	79.78 1.62 0.00	109.31 3.12 0.05	134.05 4.00 3.68	199.23 8.89 1.03	550.24 29.35 3.60	579.11 37.53 0.19	508.32 36.55 0.00	294.61 22.20 0.00	60.85 4.49 0.00	51.21 3.34 0.00	52.99 2.70 0.00
CPV_VALLEY__CC1 323721	53.56 0.65 0.00	47.35 0.91 0.00	33.50 0.80 0.00	33.04 0.91 0.00	32.30 0.78 0.00	38.96 0.64 0.00	45.40 0.45 0.00	50.12 0.68 0.00	53.35 0.70 0.00	53.95 0.88 -0.28	56.58 1.21 -0.64	69.95 1.59 -1.66	73.26 2.37 0.00	81.79 3.63 0.00	112.84 6.24 -0.37	170.24 8.38 -28.13	212.03 12.77 -7.89	588.55 36.52 -27.54	579.44 36.20 -1.47	499.34 27.58 0.00	288.27 15.86 0.00	59.59 3.24 0.00	50.17 2.30 0.00	51.73 1.43 0.00
CPV_VALLEY__CC2 323722	53.56 0.65 0.00	47.35 0.91 0.00	33.50 0.80 0.00	33.04 0.91 0.00	32.30 0.78 0.00	38.96 0.64 0.00	45.40 0.45 0.00	50.12 0.68 0.00	53.35 0.70 0.00	53.95 0.88 -0.28	56.58 1.21 -0.64	69.95 1.59 -1.66	73.26 2.37 0.00	81.79 3.63 0.00	112.84 6.24 -0.37	170.24 8.38 -28.13	212.03 12.77 -7.89	588.55 36.52 -27.54	579.44 36.20 -1.47	499.34 27.58 0.00	288.27 15.86 0.00	59.59 3.24 0.00	50.17 2.30 0.00	51.73 1.43 0.00
CRESCENT__HYD 24018	53.47 0.57 0.00	47.25 0.80 0.00	33.44 0.74 0.00	33.04 0.90 0.00	32.40 0.89 0.00	39.00 0.67 0.00	45.46 0.50 0.00	50.02 0.59 0.00	53.19 0.55 0.00	52.74 0.38 0.43	54.04 0.32 1.00	64.65 0.52 2.57	71.87 0.98 0.00	79.95 1.79 0.00	109.27 3.11 0.08	132.43 4.41 5.70	197.18 7.41 1.60	541.98 23.08 5.58	565.97 24.48 0.30	491.83 20.06 0.00	284.98 12.57 0.00	59.20 2.84 0.00	49.98 2.11 0.00	51.91 1.61 0.00
CRICKET__VALLEY_CC1 323756	53.10 0.19 0.00	47.08 0.64 0.00	33.37 0.67 0.00	32.98 0.85 0.00	32.30 0.79 0.00	38.83 0.51 0.00	45.17 0.22 0.00	49.87 0.43 0.00	53.08 0.44 0.00	48.68 0.48 4.59	44.82 0.75 10.65	40.26 0.99 27.43	72.69 1.80 0.00	81.27 3.11 0.00	111.53 5.48 0.18	127.19 7.33 13.86	199.55 12.07 3.89	546.06 35.15 13.57	575.41 34.35 0.72	497.64 25.88 0.00	288.13 15.72 0.00	59.72 3.36 0.00	50.23 2.36 0.00	51.74 1.44 0.00
CRICKET__VALLEY_CC2 323757	53.10 0.19 0.00	47.08 0.64 0.00	33.37 0.67 0.00	32.98 0.85 0.00	32.30 0.79 0.00	38.83 0.51 0.00	45.17 0.22 0.00	49.87 0.43 0.00	53.08 0.44 0.00	48.68 0.48 4.59	44.82 0.75 10.65	40.26 0.99 27.43	72.69 1.80 0.00	81.27 3.11 0.00	111.53 5.48 0.18	127.19 7.33 13.86	199.55 12.07 3.89	546.06 35.15 13.57	575.41 34.35 0.72	497.64 25.88 0.00	288.13 15.72 0.00	59.72 3.36 0.00	50.23 2.36 0.00	51.74 1.44 0.00
CRICKET__VALLEY_CC3 323758	53.10 0.19 0.00	47.08 0.64 0.00	33.37 0.67 0.00	32.98 0.85 0.00	32.30 0.79 0.00	38.83 0.51 0.00	45.17 0.22 0.00	49.87 0.43 0.00	53.08 0.44 0.00	48.68 0.48 4.59	44.82 0.75 10.65	40.26 0.99 27.43	72.69 1.80 0.00	81.27 3.11 0.00	111.53 5.48 0.18	127.19 7.33 13.86	199.55 12.07 3.89	546.06 35.15 13.57	575.41 34.35 0.72	497.64 25.88 0.00	288.13 15.72 0.00	59.72 3.36 0.00	50.23 2.36 0.00	51.74 1.44 0.00
CRUCIBLE_METL_DRP 24180	53.07 0.11 -0.06	46.46 -0.05 -0.07	32.64 -0.06 0.00	32.02 -0.11 0.00	31.34 -0.18 0.00	38.15 -0.17 0.00	44.72 -0.23 0.00	49.20 -0.24 0.00	52.50 -0.14 0.00	52.68 -0.12 0.00	54.67 -0.05 0.00	66.98 0.29 0.00	71.80 0.92 0.00	79.10 0.94 0.00	105.65 2.22 2.80	137.03 3.32 0.02	195.31 3.94 0.00	533.36 8.87 0.00	551.45 9.67 0.00	481.06 9.30 0.00	278.40 5.99 0.00	57.42 1.06 0.00	48.62 0.75 0.00	50.90 0.44 -0.17
DAHOWA__HYDRO 323763	54.95 2.04 0.00	48.49 2.05 0.00	34.29 1.59 0.00	33.78 1.65 0.00	33.15 1.63 0.00	40.02 1.70 0.00	46.62 1.66 0.00	51.29 1.85 0.00	54.45 1.81 0.00	53.90 1.46 0.35	55.17 1.27 0.81	66.35 1.75 2.09	73.25 2.36 0.00	81.48 3.32 0.00	111.57 5.40 0.07	135.84 7.43 5.31	201.97 12.09 1.49	555.90 36.61 5.20	582.05 40.55 0.28	506.65 34.89 0.00	293.68 21.27 0.00	61.05 4.69 0.00	51.41 3.55 0.00	53.37 3.07 0.00
DANC__LFGE 323619	55.33 2.36 -0.06	48.41 1.89 -0.07	33.93 1.23 0.00	33.20 1.06 0.00	32.59 1.07 0.00	39.74 1.41 0.00	46.69 1.74 0.00	51.15 1.71 0.00	54.15 1.51 0.00	53.91 1.12 0.00	55.70 0.98 0.00	67.73 1.03 0.00	71.77 0.88 0.00	78.86 0.70 0.00	86.99 0.78 20.02	134.17 0.56 0.11	191.93 0.56 0.00	525.23 0.74 0.00	549.93 8.15 0.00	485.06 13.30 0.00	277.29 4.89 0.00	56.88 0.90 0.38	48.72 0.86 0.00	53.16 0.43 -2.44
DANSKAMMER__1 23586	54.67 1.77 0.00	48.35 1.91 0.00	34.20 1.50 0.00	33.72 1.59 0.00	32.99 1.47 0.00	39.76 1.44 0.00	46.36 1.40 0.00	51.24 1.80 0.00	54.59 1.95 0.00	55.23 2.15 -0.29	57.87 2.48 -0.67	71.33 2.90 -1.74	74.67 3.78 0.00	83.50 5.34 0.00	115.07 8.84 0.00	145.46 11.73 0.00	209.33 17.96 0.00	576.08 51.59 0.00	593.47 51.69 0.00	503.74 31.98 0.00	295.28 22.88 0.00	60.99 4.64 0.00	51.23 3.36 0.00	52.69 2.39 0.00
DANSKAMMER__2 23589	54.67 1.77 0.00	48.35 1.91 0.00	34.20 1.50 0.00	33.72 1.59 0.00	32.99 1.47 0.00	39.76 1.44 0.00	46.36 1.40 0.00	51.24 1.80 0.00	54.59 1.95 0.00	55.23 2.15 -0.29	57.87 2.48 -0.67	71.33 2.90 -1.74	74.67 3.78 0.00	83.50 5.34 0.00	115.07 8.84 0.00	145.46 11.73 0.00	209.33 17.96 0.00	576.08 51.59 0.00	593.47 51.69 0.00	503.74 31.98 0.00	295.28 22.88 0.00	60.99 4.64 0.00	51.23 3.36 0.00	52.69 2.39 0.00
DANSKAMMER__3 23590	54.67 1.77 0.00	48.35 1.91 0.00	34.20 1.50 0.00	33.72 1.59 0.00	32.99 1.47 0.00	39.76 1.44 0.00	46.36 1.40 0.00	51.24 1.80 0.00	54.59 1.95 0.00	55.23 2.15 -0.29	57.87 2.48 -0.67	71.33 2.90 -1.74	74.67 3.78 0.00	83.50 5.34 0.00	115.07 8.84 0.00	145.46 11.73 0.00	209.33 17.96 0.00	576.08 51.59 0.00	593.47 51.69 0.00	503.74 31.98 0.00	295.28 22.88 0.00	60.99 4.64 0.00	51.23 3.36 0.00	52.69 2.39 0.00

DANSKAMMER___4 23591	54.67 1.77 0.00	48.35 1.91 0.00	34.20 1.50 0.00	33.72 1.59 0.00	32.99 1.47 0.00	39.76 1.44 0.00	46.36 1.40 0.00	51.24 1.80 0.00	54.59 1.95 0.00	55.23 2.15 -0.29	57.87 2.48 -0.67	71.33 2.90 -1.74	74.67 3.78 0.00	83.50 5.34 0.00	115.07 8.84 0.00	145.46 11.73 0.00	209.33 17.96 0.00	576.08 51.59 0.00	593.47 51.69 0.00	503.74 31.98 0.00	295.28 22.88 0.00	60.99 4.64 0.00	51.23 3.36 0.00	52.69 2.39 0.00
DANSKAMMER___DIESEL 23592	54.67 1.77 0.00	48.35 1.91 0.00	34.20 1.50 0.00	33.72 1.59 0.00	32.99 1.47 0.00	39.76 1.44 0.00	46.36 1.41 0.00	51.24 1.80 0.00	54.59 1.95 0.00	55.23 2.15 -0.29	57.87 2.48 -0.67	71.34 2.91 -1.74	74.67 3.78 0.00	83.50 5.34 0.00	115.09 8.86 0.00	145.45 11.73 0.00	209.33 17.96 0.00	575.97 51.49 0.00	593.46 51.68 0.00	503.81 32.05 0.00	295.29 22.88 0.00	61.00 4.64 0.00	51.23 3.36 0.00	52.69 2.39 0.00
DARBY___SOLAR 323810	54.65 1.75 0.00	48.24 1.80 0.00	34.11 1.41 0.00	33.62 1.49 0.00	32.99 1.47 0.00	39.81 1.49 0.00	46.37 1.42 0.00	51.01 1.57 0.00	54.15 1.51 0.00	53.62 1.19 0.36	54.89 1.02 0.85	65.92 1.41 2.18	72.86 1.97 0.00	81.03 2.87 0.00	110.88 4.72 0.07	134.89 6.54 5.37	200.61 10.74 1.51	552.15 32.92 5.26	577.98 36.48 0.28	503.02 31.26 0.00	291.66 19.25 0.00	60.60 4.24 0.00	51.06 3.20 0.00	53.02 2.72 0.00
DASHVILLE___HYD 23610	54.14 1.23 0.00	47.90 1.46 0.00	33.87 1.17 0.00	33.40 1.27 0.00	32.67 1.15 0.00	39.38 1.06 0.00	45.87 0.91 0.00	50.68 1.24 0.00	53.98 1.34 0.00	54.46 1.50 -0.18	56.98 1.86 -0.41	70.14 2.39 -1.05	74.06 3.17 0.00	82.72 4.55 0.00	113.80 7.57 0.00	143.61 9.89 0.00	207.56 16.19 0.00	570.38 45.89 0.00	588.00 46.22 0.00	505.41 33.65 0.00	292.58 20.18 0.00	60.44 4.09 0.00	50.85 2.98 0.00	52.30 2.00 0.00
DELAWARE___LFGE 323621	54.12 1.21 -0.01	47.68 1.22 -0.01	33.61 0.91 0.00	33.03 0.90 0.00	32.29 0.77 0.00	39.19 0.86 0.00	45.81 0.86 0.00	50.50 1.06 0.00	53.80 1.16 0.00	54.06 1.27 0.00	56.19 1.47 0.00	68.66 1.97 0.00	73.45 2.56 0.00	81.38 3.22 0.00	111.50 5.23 -0.04	143.60 6.83 -3.04	202.06 9.84 -0.85	555.17 27.71 -2.98	570.16 28.22 -0.16	495.53 23.77 0.00	286.39 13.98 0.00	59.17 2.82 0.00	50.07 2.21 0.00	52.01 1.71 0.00
DERFIELD_115KV_TB7 355931	52.90 0.00 0.00	46.52 0.08 0.00	32.79 0.09 0.00	32.26 0.13 0.00	31.62 0.10 0.00	38.36 0.04 0.00	44.91 -0.05 0.00	49.42 -0.02 0.00	52.59 -0.05 0.00	52.73 -0.06 0.00	54.66 -0.06 0.00	66.64 -0.05 0.00	70.98 0.09 0.00	78.48 0.32 0.00	104.46 0.81 2.59	134.91 1.20 0.02	193.25 1.88 0.00	530.17 5.68 0.00	547.74 5.96 0.00	476.76 5.00 0.00	275.40 3.00 0.00	57.19 0.63 -0.20	48.33 0.46 0.00	50.51 0.21 0.00
DOGLEVILLE___HYD 23807	52.66 -0.25 0.00	46.56 0.11 0.00	32.95 0.25 0.00	32.63 0.50 0.00	31.89 0.37 0.00	38.45 0.12 0.00	44.70 -0.25 0.00	48.94 -0.49 0.00	51.54 -1.10 0.00	51.35 -1.44 0.00	53.00 -1.72 0.00	64.79 -1.90 0.00	69.65 -1.24 0.00	77.80 -0.36 0.00	104.54 0.90 2.59	135.41 1.70 0.02	195.52 4.15 0.00	542.35 17.86 0.00	566.24 24.46 0.00	496.32 24.56 0.00	289.79 17.38 0.00	60.41 3.86 -0.20	50.52 2.65 0.00	51.89 1.59 0.00
DUNKIRK___115KV_TB_200 55889	56.13 3.22 0.00	48.52 2.08 0.00	33.95 1.26 0.00	33.03 0.90 0.00	32.09 0.58 0.00	39.53 1.21 0.00	46.44 1.49 0.00	50.88 1.44 0.00	54.77 2.13 0.00	55.15 2.35 0.00	57.34 2.63 0.00	70.81 4.11 0.00	76.15 5.26 0.00	83.95 5.79 0.00	116.93 10.70 0.00	147.87 14.14 0.00	207.35 15.97 0.00	565.72 41.23 0.00	584.97 43.19 0.00	509.18 37.42 0.00	297.07 24.66 0.00	60.70 4.34 0.00	51.50 3.63 0.00	54.04 3.74 0.00
DUNKIRK___1 23563	56.13 3.22 0.00	48.52 2.08 0.00	33.95 1.26 0.00	33.03 0.90 0.00	32.09 0.58 0.00	39.53 1.21 0.00	46.44 1.49 0.00	50.88 1.44 0.00	54.77 2.13 0.00	55.15 2.35 0.00	57.34 2.63 0.00	70.81 4.11 0.00	76.15 5.26 0.00	83.95 5.79 0.00	116.93 10.70 0.00	147.87 14.14 0.00	207.35 15.97 0.00	565.72 41.23 0.00	584.97 43.19 0.00	509.18 37.42 0.00	297.07 24.66 0.00	60.70 4.34 0.00	51.50 3.63 0.00	54.04 3.74 0.00
DUNKIRK___2 23564	56.13 3.22 0.00	48.52 2.08 0.00	33.95 1.26 0.00	33.03 0.90 0.00	32.09 0.58 0.00	39.53 1.21 0.00	46.44 1.49 0.00	50.88 1.44 0.00	54.77 2.13 0.00	55.15 2.35 0.00	57.34 2.63 0.00	70.81 4.11 0.00	76.15 5.26 0.00	83.95 5.79 0.00	116.93 10.70 0.00	147.87 14.14 0.00	207.35 15.97 0.00	565.72 41.23 0.00	584.97 43.19 0.00	509.18 37.42 0.00	297.07 24.66 0.00	60.70 4.34 0.00	51.50 3.63 0.00	54.04 3.74 0.00
DUNKIRK___3 23565	55.84 2.94 0.00	48.31 1.87 0.00	33.79 1.09 0.00	32.85 0.71 0.00	31.94 0.42 0.00	39.33 1.00 0.00	46.19 1.24 0.00	50.60 1.17 0.00	54.53 1.89 0.00	54.90 2.11 0.00	57.07 2.36 0.00	70.46 3.77 0.00	75.69 4.80 0.00	83.53 5.37 0.00	116.23 10.00 0.00	147.04 13.31 0.00	205.91 14.54 0.00	561.79 37.30 0.00	580.50 38.72 0.00	505.55 33.79 0.00	294.82 22.41 0.00	60.28 3.92 0.00	51.14 3.28 0.00	53.71 3.41 0.00
DUNKIRK___4 23566	55.84 2.94 0.00	48.31 1.87 0.00	33.79 1.09 0.00	32.85 0.71 0.00	31.94 0.42 0.00	39.33 1.00 0.00	46.19 1.24 0.00	50.60 1.17 0.00	54.53 1.89 0.00	54.90 2.11 0.00	57.07 2.36 0.00	70.46 3.77 0.00	75.69 4.80 0.00	83.53 5.37 0.00	116.23 10.00 0.00	147.04 13.31 0.00	205.91 14.54 0.00	561.79 37.30 0.00	580.50 38.72 0.00	505.55 33.79 0.00	294.82 22.41 0.00	60.28 3.92 0.00	51.14 3.28 0.00	53.71 3.41 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	54.56 1.65 0.00	48.40 1.96 0.00	34.26 1.56 0.00	33.79 1.66 0.00	33.03 1.51 0.00	39.78 1.45 0.00	46.35 1.40 0.00	51.24 1.80 0.00	54.54 1.90 0.00	55.25 2.09 -0.36	58.18 2.62 -0.85	72.14 3.26 -2.18	75.22 4.33 0.00	84.25 6.09 0.00	117.65 9.98 -1.44	255.59 12.99 -108.88	241.45 19.53 -30.55	686.46 55.38 -106.59	602.57 55.11 -5.68	514.92 43.16 0.00	296.82 24.42 0.00	61.29 4.93 0.00	51.49 3.63 0.00	52.94 2.64 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	54.30 1.39 0.00	48.02 1.58 0.00	33.95 1.25 0.00	33.49 1.36 0.00	32.74 1.22 0.00	39.47 1.15 0.00	46.01 1.06 0.00	50.83 1.39 0.00	54.13 1.49 0.00	54.76 1.68 -0.29	57.45 2.07 -0.67	70.99 2.56 -1.73	74.33 3.44 0.00	83.09 4.93 0.00	114.67 8.25 -0.19	158.89 11.03 -14.13	212.10 16.77 -3.96	586.26 47.95 -13.83	590.68 48.16 -0.74	506.51 34.75 0.00	293.86 21.45 0.00	60.71 4.35 0.00	51.01 3.14 0.00	52.48 2.19 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	54.72 1.82 0.00	48.69 2.25 0.00	34.46 1.76 0.00	33.91 1.78 0.00	33.19 1.67 0.00	39.95 1.63 0.00	46.55 1.60 0.00	51.46 2.03 0.00	54.75 2.11 0.00	55.32 2.17 -0.36	58.28 2.72 -0.85	72.21 3.33 -2.18	75.39 4.51 0.00	84.40 6.24 0.00	117.88 10.20 -1.45	256.17 13.25 -109.20	241.67 19.66 -30.64	686.63 55.25 -106.90	602.41 54.92 -5.70	514.64 42.88 0.00	296.24 23.82 -0.01	61.18 4.82 0.00	51.43 3.57 0.00	52.85 2.55 -0.01

E179THST_13_KV_LOAD 356214	55.11 2.21 0.00	49.01 2.57 0.00	34.67 1.97 0.00	34.11 1.97 0.00	33.38 1.86 0.00	40.18 1.86 0.00	46.83 1.88 0.00	51.79 2.36 0.00	55.13 2.49 0.00	55.71 2.56 -0.36	58.70 3.13 -0.85	72.73 3.85 -2.18	75.97 5.08 0.00	85.03 6.87 0.00	118.81 11.13 -1.45	257.38 14.45 -109.20	243.39 21.38 -30.64	691.31 59.92 -106.90	607.24 59.75 -5.70	518.89 47.12 0.00	298.69 26.28 -0.01	61.68 5.31 0.00	51.84 3.97 0.00	53.26 2.96 -0.01
EAST HAMPTON___GT 23717	52.38 2.53 3.06	49.50 3.06 0.00	35.44 2.74 0.00	35.11 2.98 0.00	34.26 2.75 0.00	41.32 3.00 0.00	47.86 2.90 0.00	52.91 3.47 0.00	48.82 3.66 7.48	42.58 3.54 13.75	61.06 5.49 -0.85	75.81 6.43 -2.68	77.48 7.43 0.83	89.28 10.98 -0.14	92.33 18.49 32.40	249.20 23.08 -92.40	200.90 34.69 25.17	592.55 98.71 30.65	574.45 97.25 64.58	471.31 74.89 75.34	329.81 43.10 -14.30	77.90 8.01 -13.53	51.64 6.55 2.78	51.97 5.52 3.84
EAST RIVER___6 23660	54.71 1.81 0.00	48.62 2.18 0.00	34.40 1.70 0.00	33.91 1.78 0.00	33.15 1.63 0.00	39.92 1.59 0.00	46.56 1.61 0.00	51.52 2.08 0.00	54.81 2.17 0.00	55.54 2.38 -0.36	58.47 2.91 -0.85	72.51 3.64 -2.18	75.71 4.82 0.00	84.79 6.63 0.00	118.38 10.70 -1.44	256.60 13.94 -108.93	242.76 20.83 -30.56	689.68 58.56 -106.64	605.68 58.22 -5.69	517.72 45.95 0.00	297.86 25.45 0.00	61.52 5.16 0.00	51.68 3.82 0.00	53.09 2.79 0.00
EAST RIVER___7 23524	54.71 1.81 0.00	48.62 2.18 0.00	34.40 1.70 0.00	33.91 1.78 0.00	33.15 1.63 0.00	39.92 1.59 0.00	46.56 1.61 0.00	51.52 2.08 0.00	54.81 2.17 0.00	55.54 2.38 -0.36	58.47 2.91 -0.85	72.51 3.64 -2.18	75.71 4.82 0.00	84.79 6.63 0.00	118.38 10.70 -1.44	256.60 13.94 -108.93	242.76 20.83 -30.56	689.68 58.56 -106.64	605.68 58.22 -5.69	517.72 45.95 0.00	297.86 25.45 0.00	61.52 5.16 0.00	51.68 3.82 0.00	53.09 2.79 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	54.36 1.46 0.00	48.21 1.77 0.00	34.12 1.43 0.00	33.67 1.53 0.00	32.91 1.39 0.00	39.63 1.30 0.00	46.18 1.23 0.00	51.04 1.60 0.00	54.33 1.69 0.00	55.04 1.88 -0.36	57.95 2.39 -0.85	71.88 3.01 -2.18	74.93 4.05 0.00	83.90 5.74 0.00	116.97 9.40 -1.34	247.13 12.37 -101.04	238.25 18.53 -28.35	676.15 52.76 -98.91	599.54 52.49 -5.27	512.64 40.87 0.00	295.55 23.15 0.00	61.06 4.70 0.00	51.29 3.43 0.00	52.73 2.43 0.00
EAST_HAMPTON___DIESEL 23722	52.36 2.51 3.06	49.49 3.05 0.00	35.44 2.74 0.00	35.12 2.98 0.00	34.27 2.75 0.00	41.33 3.01 0.00	47.86 2.91 0.00	52.92 3.49 0.00	48.85 3.68 7.48	42.62 3.58 13.75	61.11 5.54 -0.85	75.88 6.51 -2.68	77.57 7.52 0.83	89.37 11.07 -0.14	92.45 18.62 32.40	249.36 23.24 -92.40	201.10 34.89 25.17	593.17 99.33 30.65	575.13 97.93 64.58	471.87 75.45 75.34	330.09 43.38 -14.30	77.95 8.07 -13.53	51.68 6.59 2.78	52.00 5.54 3.84
EAST_POINT___SOLAR 323840	57.33 4.43 0.00	50.21 3.76 0.00	35.24 2.54 0.00	34.44 2.30 0.00	33.77 2.25 0.00	41.22 2.90 0.00	48.31 3.36 0.00	51.96 2.52 0.00	54.22 1.58 0.00	53.65 1.06 0.21	55.26 1.02 0.48	66.79 1.34 1.24	72.53 1.64 0.00	80.03 1.87 0.00	108.90 2.72 0.05	133.39 3.49 3.82	195.66 5.36 1.07	538.79 18.04 3.74	571.77 30.19 0.20	514.13 42.37 0.00	300.59 28.18 0.00	61.96 5.60 0.00	52.35 4.48 0.00	54.56 4.26 0.00
EAST_PULASKI___ESR 323781	53.83 0.83 -0.09	47.13 0.58 -0.11	33.07 0.38 0.00	32.42 0.29 0.00	31.76 0.24 0.00	38.68 0.35 0.00	45.35 0.39 0.00	49.72 0.28 0.00	52.75 0.11 0.00	52.71 -0.08 0.00	54.55 -0.17 0.00	66.53 -0.16 0.00	70.77 -0.12 0.00	78.03 -0.13 0.00	95.98 0.22 10.47	134.09 0.42 0.06	191.54 0.18 0.00	524.40 -0.09 0.00	544.92 3.14 0.00	477.79 6.03 0.00	275.18 2.77 0.00	56.70 0.53 0.18	48.33 0.46 0.00	51.61 0.05 -1.27
EAST_RIVER___1 323558	54.76 1.86 0.00	48.66 2.22 0.00	34.43 1.74 0.00	33.95 1.81 0.00	33.18 1.66 0.00	39.95 1.63 0.00	46.60 1.65 0.00	51.57 2.13 0.00	54.86 2.22 0.00	55.59 2.43 -0.36	58.51 2.95 -0.85	72.58 3.71 -2.18	75.78 4.89 0.00	84.89 6.73 0.00	118.51 10.83 -1.44	256.72 14.09 -108.91	242.94 21.01 -30.56	690.40 59.30 -106.62	606.45 58.98 -5.68	518.31 46.55 0.00	298.22 25.81 0.00	61.59 5.23 0.00	51.73 3.87 0.00	53.14 2.84 0.00
EAST_RIVER___2 323559	54.71 1.81 0.00	48.62 2.18 0.00	34.40 1.70 0.00	33.91 1.78 0.00	33.15 1.63 0.00	39.92 1.59 0.00	46.56 1.61 0.00	51.52 2.08 0.00	54.81 2.17 0.00	55.54 2.38 -0.36	58.47 2.91 -0.85	72.51 3.64 -2.18	75.71 4.82 0.00	84.79 6.63 0.00	118.38 10.70 -1.44	256.60 13.94 -108.93	242.76 20.83 -30.56	689.68 58.56 -106.64	605.68 58.22 -5.69	517.72 45.95 0.00	297.86 25.45 0.00	61.52 5.16 0.00	51.68 3.82 0.00	53.09 2.79 0.00
EAST___DELAWARE_HYD 23607	53.44 0.54 0.00	47.16 0.72 0.00	33.30 0.61 0.00	32.82 0.69 0.00	32.08 0.56 0.00	38.71 0.39 0.00	45.17 0.22 0.00	49.93 0.49 0.00	53.18 0.54 0.00	53.79 0.77 -0.23	56.37 1.12 -0.54	69.53 1.46 -1.38	73.24 2.35 0.00	81.77 3.61 0.00	112.81 6.43 -0.15	153.71 9.01 -10.98	208.45 14.00 -3.08	576.50 41.27 -10.75	585.02 42.67 -0.57	503.97 32.21 0.00	291.20 18.79 0.00	60.05 3.69 0.00	50.39 2.52 0.00	51.82 1.52 0.00
EIGHT_POINT___WT_PWR 323820	54.79 1.87 -0.01	47.97 1.51 -0.02	33.70 1.00 0.00	33.03 0.90 0.00	32.12 0.60 0.00	39.49 1.17 0.00	46.48 1.53 0.00	50.91 1.48 0.00	54.18 1.54 0.00	54.15 1.36 0.00	56.17 1.45 0.00	69.10 2.41 0.00	74.19 3.31 0.00	82.03 3.87 0.00	113.99 7.75 0.00	144.29 10.56 0.00	203.61 12.24 0.00	556.80 32.32 0.00	579.64 37.86 0.00	509.82 38.06 0.00	296.87 24.46 0.00	60.49 4.13 0.00	50.75 2.88 0.00	52.62 2.33 0.00
ELBRIDGE_115KV_TB2 80188	53.12 0.16 -0.06	46.50 -0.01 -0.08	32.68 -0.02 0.00	32.05 -0.08 0.00	31.36 -0.16 0.00	38.19 -0.13 0.00	44.75 -0.20 0.00	49.17 -0.26 0.00	52.49 -0.15 0.00	52.59 -0.20 0.00	54.57 -0.14 0.00	66.82 0.13 0.00	71.38 0.49 0.00	78.82 0.66 0.00	105.51 1.87 2.59	136.54 2.83 0.02	194.69 3.32 0.00	532.66 8.17 0.00	550.55 8.77 0.00	480.49 8.73 0.00	278.04 5.63 0.00	57.38 1.02 0.00	48.60 0.73 0.00	50.78 0.48 0.00
ELEC_TRO_TEK 24086	53.79 1.37 0.48	48.34 1.89 0.00	34.34 1.64 0.00	33.89 1.76 0.00	33.10 1.58 0.00	39.85 1.52 0.00	46.18 1.23 0.00	51.01 1.57 0.00	52.93 1.46 1.18	52.54 1.60 1.86	58.11 2.54 -0.85	71.63 2.75 -2.18	74.76 3.87 -0.01	86.87 6.66 -2.05	153.16 11.14 -35.79	269.50 14.35 -121.43	275.51 21.85 -62.29	1047.53 62.50 -460.54	1060.85 63.01 -456.06	701.74 49.79 -180.19	388.67 28.12 -88.15	86.06 5.41 -24.30	88.00 4.08 -36.06	73.99 2.93 -20.76
ELLENBURG_WT_PWR 323604	53.05 0.14 0.00	46.53 0.09 0.00	32.66 -0.04 0.00	32.08 -0.05 0.00	31.63 0.11 0.00	38.66 0.33 0.00	45.68 0.73 0.00	50.02 0.58 0.00	53.06 0.42 0.00	53.25 0.46 0.00	54.98 0.26 0.00	66.86 0.17 0.00	70.74 -0.14 0.00	77.36 -0.80 0.00	103.28 -2.95 0.00	129.55 -4.17 0.00	183.53 -7.84 0.00	499.76 -24.72 0.00	517.10 -24.68 0.00	451.10 -20.66 0.00	259.47 -12.93 0.00	49.76 -3.14 3.45	45.00 -2.87 0.00	47.20 -1.93 1.18

ELM_ST_23_KV_LD_REV_LBMP_A 345012	55.72 2.81 0.00	48.22 1.78 0.00	33.66 0.96 0.00	32.59 0.46 0.00	31.78 0.27 0.00	39.06 0.73 0.00	45.90 0.94 0.00	50.22 0.78 0.00	54.32 1.68 0.00	54.72 1.93 0.00	56.91 2.20 0.00	70.16 3.47 0.00	75.21 4.33 0.00	82.86 4.70 0.00	115.04 8.81 0.00	145.68 11.95 0.00	203.36 11.99 0.00	554.67 30.18 0.00	573.05 31.27 0.00	500.49 28.73 0.00	291.21 18.80 0.00	59.71 3.35 0.00	50.68 2.82 0.00	53.53 3.24 0.00
EMPIRE_CC_1 323656	52.25 -0.65 0.00	46.25 -0.19 0.00	32.85 0.15 0.00	32.56 0.43 0.00	31.92 0.40 0.00	38.25 -0.08 0.00	44.51 -0.44 0.00	48.94 -0.50 0.00	52.06 -0.58 0.00	51.52 -0.72 0.55	52.67 -0.76 1.29	62.52 -0.86 3.31	70.33 -0.55 0.00	78.27 0.11 0.00	106.94 0.80 0.10	127.93 1.52 7.31	192.74 3.42 2.05	529.65 12.32 7.16	552.38 10.98 0.38	480.18 8.41 0.00	277.97 5.56 0.00	57.77 1.42 0.00	48.82 0.96 0.00	50.74 0.44 0.00
EMPIRE_CC_2 323658	52.25 -0.65 0.00	46.25 -0.19 0.00	32.85 0.15 0.00	32.56 0.43 0.00	31.92 0.40 0.00	38.25 -0.08 0.00	44.51 -0.44 0.00	48.94 -0.50 0.00	52.06 -0.58 0.00	51.52 -0.72 0.55	52.67 -0.76 1.29	62.52 -0.86 3.31	70.33 -0.55 0.00	78.27 0.11 0.00	106.94 0.80 0.10	127.93 1.52 7.31	192.74 3.42 2.05	529.65 12.32 7.16	552.38 10.98 0.38	480.18 8.41 0.00	277.97 5.56 0.00	57.77 1.42 0.00	48.82 0.96 0.00	50.74 0.44 0.00
ENORWICH_115KV_TB1 80156	57.11 4.18 -0.03	50.02 3.55 -0.03	35.14 2.45 0.00	34.36 2.23 0.00	33.35 1.83 0.00	40.97 2.64 0.00	48.22 3.27 0.00	53.30 3.86 0.00	56.63 3.99 0.00	56.57 3.78 0.00	58.59 3.88 0.00	71.76 5.06 0.00	77.02 6.13 0.00	85.59 7.43 0.00	117.50 11.27 0.00	148.03 14.31 0.00	211.73 20.36 0.00	582.78 58.29 0.00	607.33 65.55 0.00	533.58 61.82 0.00	309.88 37.47 0.00	63.55 7.19 0.00	53.30 5.44 0.00	55.28 4.98 0.00
ERIE_ST__34_KV_TB1-2 80199	56.09 3.18 0.00	48.49 2.05 0.00	33.83 1.13 0.00	32.79 0.66 0.00	31.95 0.43 0.00	39.28 0.95 0.00	46.19 1.24 0.00	50.62 1.18 0.00	54.79 2.15 0.00	55.29 2.49 0.00	57.51 2.80 0.00	71.11 4.41 0.00	76.32 5.43 0.00	84.25 6.09 0.00	117.10 10.86 0.00	148.31 14.58 0.00	207.61 16.24 0.00	567.60 43.11 0.00	585.59 43.81 0.00	510.33 38.57 0.00	296.87 24.47 0.00	60.61 4.25 0.00	51.35 3.49 0.00	54.03 3.73 0.00
ERIE_WT_PWR 323693	56.00 3.10 0.00	48.45 2.01 0.00	33.82 1.12 0.00	32.78 0.64 0.00	31.91 0.39 0.00	39.27 0.94 0.00	46.14 1.19 0.00	50.46 1.02 0.00	54.62 1.98 0.00	55.02 2.23 0.00	57.16 2.44 0.00	70.56 3.86 0.00	75.67 4.78 0.00	83.41 5.25 0.00	115.94 9.71 0.00	146.77 13.04 0.00	205.04 13.67 0.00	559.39 34.90 0.00	578.29 36.51 0.00	504.54 32.78 0.00	293.76 21.35 0.00	60.16 3.80 0.00	51.02 3.15 0.00	53.81 3.51 0.00
ESPRGFLD_115KV_TB1 80157	56.55 3.65 0.00	49.52 3.08 0.00	34.76 2.06 0.00	33.93 1.79 0.00	33.18 1.66 0.00	40.54 2.22 0.00	47.75 2.79 0.00	52.46 3.02 0.00	55.82 3.18 0.00	55.88 3.22 0.13	57.88 3.45 0.29	70.32 4.38 0.75	75.75 4.86 0.00	83.48 5.32 0.00	113.68 7.45 0.00	143.07 9.35 0.00	203.93 12.55 0.00	558.14 33.66 0.00	578.45 36.67 0.00	508.05 36.29 0.00	293.89 21.49 0.00	60.46 4.11 0.00	51.23 3.37 0.00	53.52 3.23 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	54.62 1.68 -0.03	47.79 1.31 -0.04	33.60 0.90 0.00	32.95 0.82 0.00	32.19 0.67 0.00	39.27 0.95 0.00	46.07 1.12 0.00	50.67 1.23 0.00	53.87 1.23 0.00	53.86 1.07 0.00	55.72 1.00 0.00	68.17 1.48 0.00	72.99 2.11 0.00	80.80 2.64 0.00	110.96 4.73 0.00	140.07 6.34 0.00	199.94 8.57 0.00	548.78 24.29 0.00	570.25 28.47 0.00	499.65 27.89 0.00	289.94 17.53 0.00	59.69 3.34 0.00	50.40 2.54 0.00	52.46 2.16 0.00
ETNA____115KV_TB2 80207	54.62 1.68 -0.03	47.79 1.31 -0.04	33.60 0.90 0.00	32.95 0.82 0.00	32.19 0.67 0.00	39.27 0.95 0.00	46.07 1.12 0.00	50.67 1.23 0.00	53.87 1.23 0.00	53.86 1.07 0.00	55.72 1.00 0.00	68.17 1.48 0.00	72.99 2.11 0.00	80.80 2.64 0.00	110.96 4.73 0.00	140.07 6.34 0.00	199.94 8.57 0.00	548.78 24.29 0.00	570.25 28.47 0.00	499.65 27.89 0.00	289.94 17.53 0.00	59.69 3.34 0.00	50.40 2.54 0.00	52.46 2.16 0.00
EUCLID___115KV_TB2 356179	52.67 -0.26 -0.03	46.13 -0.34 -0.03	32.45 -0.25 0.00	31.83 -0.30 0.00	31.16 -0.36 0.00	37.90 -0.42 0.00	44.41 -0.54 0.00	48.88 -0.55 0.00	52.13 -0.51 0.00	52.32 -0.47 0.00	54.27 -0.44 0.00	66.41 -0.28 0.00	70.92 0.04 0.00	78.32 0.16 0.00	103.79 1.15 3.59	135.72 2.02 0.02	193.72 2.34 0.00	530.12 5.63 0.00	547.47 5.70 0.00	477.37 5.61 0.00	275.83 3.42 0.00	56.94 0.58 0.00	48.24 0.38 0.00	50.55 0.06 -0.20
E_CANADA_CAP_HY 24051	57.08 4.18 0.00	49.95 3.51 0.00	35.05 2.35 0.00	34.18 2.05 0.00	33.52 2.00 0.00	40.94 2.62 0.00	48.21 3.26 0.00	52.69 3.26 0.00	55.75 3.11 0.00	55.51 2.91 0.19	57.27 2.99 0.43	69.28 3.71 1.12	74.86 3.97 0.00	82.35 4.19 0.00	111.73 5.54 0.04	137.15 6.67 3.25	199.31 8.85 0.91	545.70 24.40 3.18	571.28 29.67 0.17	505.96 34.20 0.00	293.50 21.09 0.00	60.52 4.16 0.00	51.31 3.44 0.00	53.76 3.46 0.00
E_CANADA_MHWK_HY 24050	52.66 -0.24 0.00	46.56 0.11 0.00	32.95 0.25 0.00	32.63 0.50 0.00	31.89 0.37 0.00	38.45 0.13 0.00	44.70 -0.25 0.00	48.94 -0.49 0.00	51.54 -1.10 0.00	51.35 -1.44 0.00	53.00 -1.72 0.00	64.80 -1.90 0.00	69.65 -1.24 0.00	77.80 -0.36 0.00	104.54 0.90 2.59	135.41 1.70 0.02	195.52 4.14 0.00	542.35 17.86 0.00	566.24 24.46 0.00	496.30 24.54 0.00	289.80 17.39 0.00	60.41 3.86 -0.20	50.52 2.65 0.00	51.89 1.59 0.00
E_FISHKILL___LBMP 23776	53.75 0.84 0.00	47.63 1.18 0.00	33.71 1.02 0.00	33.27 1.14 0.00	32.55 1.04 0.00	39.20 0.87 0.00	45.66 0.70 0.00	50.42 0.99 0.00	53.67 1.03 0.00	54.32 1.15 -0.38	57.10 1.51 -0.87	70.86 1.92 -2.25	73.66 2.77 0.00	82.31 4.15 0.00	113.00 7.03 0.27	122.80 9.34 20.26	200.02 14.33 5.69	545.87 41.22 19.84	581.61 40.89 1.06	503.02 31.26 0.00	290.54 18.13 0.00	60.12 3.76 0.00	50.59 2.72 0.00	52.11 1.81 0.00
FALCON___SEABRD_CC1 323796	53.16 0.25 0.00	46.81 0.37 0.00	32.87 0.17 0.00	32.28 0.15 0.00	31.82 0.30 0.00	38.85 0.52 0.00	45.91 0.96 0.00	50.13 0.69 0.00	53.01 0.37 0.00	53.25 0.46 0.00	54.95 0.23 0.00	66.92 0.22 0.00	71.00 0.11 0.00	77.63 -0.53 0.00	103.63 -2.60 0.00	130.72 -3.00 0.00	184.22 -7.16 0.00	500.38 -24.11 0.00	517.82 -23.96 0.00	452.00 -19.76 0.00	260.48 -11.92 0.00	49.88 -3.03 3.45	44.89 -2.97 0.00	47.00 -2.02 1.28
FALCON___SEABRD_CC2 323797	53.16 0.25 0.00	46.81 0.37 0.00	32.87 0.17 0.00	32.28 0.15 0.00	31.82 0.30 0.00	38.85 0.52 0.00	45.91 0.96 0.00	50.13 0.69 0.00	53.01 0.37 0.00	53.25 0.46 0.00	54.95 0.23 0.00	66.92 0.22 0.00	71.00 0.11 0.00	77.63 -0.53 0.00	103.63 -2.60 0.00	130.72 -3.00 0.00	184.22 -7.16 0.00	500.38 -24.11 0.00	517.82 -23.96 0.00	452.00 -19.76 0.00	260.48 -11.92 0.00	49.88 -3.03 3.45	44.89 -2.97 0.00	47.00 -2.02 1.28

FAR ROCKAWAY___4 23548	55.40 2.50 0.00	49.28 2.84 0.00	34.97 2.27 0.00	34.48 2.35 0.00	33.66 2.14 0.00	40.53 2.20 0.00	47.00 2.04 0.00	51.96 2.52 0.00	55.16 2.52 0.00	55.92 2.76 -0.36	59.33 3.76 -0.85	72.99 4.12 -2.18	75.84 4.93 -0.02	90.89 7.95 -4.78	161.17 12.91 -42.03	269.39 16.86 -118.81	256.88 25.60 -39.91	921.76 72.95 -324.33	970.09 74.21 -354.10	660.90 59.16 -129.98	410.44 32.95 -105.09	102.53 6.35 -39.82	144.47 4.83 -91.77	110.20 3.77 -56.13
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	54.81 1.90 0.00	48.68 2.24 0.00	34.47 1.77 0.00	33.96 1.83 0.00	33.20 1.68 0.00	39.98 1.66 0.00	46.63 1.68 0.00	51.60 2.17 0.00	54.91 2.27 0.00	55.62 2.46 -0.36	58.53 2.97 -0.85	72.63 3.76 -2.18	75.82 4.93 0.00	84.93 6.77 0.00	118.56 10.88 -1.44	256.81 14.12 -108.96	243.01 21.07 -30.57	690.86 59.71 -106.67	607.00 59.53 -5.69	518.65 46.89 0.00	298.51 26.10 0.00	61.63 5.27 0.00	51.75 3.89 0.00	53.16 2.86 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	54.86 1.96 0.00	48.72 2.28 0.00	34.49 1.79 0.00	33.99 1.86 0.00	33.23 1.71 0.00	40.01 1.69 0.00	46.66 1.71 0.00	51.63 2.19 0.00	54.92 2.28 0.00	55.64 2.48 -0.36	58.58 3.02 -0.85	72.66 3.79 -2.18	75.86 4.97 0.00	85.00 6.84 0.00	118.61 10.93 -1.44	256.87 14.18 -108.96	243.15 21.20 -30.57	690.95 59.79 -106.67	607.27 59.80 -5.69	518.79 47.03 0.00	298.56 26.15 0.00	61.65 5.29 0.00	51.79 3.93 0.00	53.18 2.89 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	54.76 1.86 0.00	48.66 2.22 0.00	34.43 1.74 0.00	33.95 1.82 0.00	33.19 1.67 0.00	39.97 1.65 0.00	46.62 1.66 0.00	51.57 2.13 0.00	54.86 2.22 0.00	55.59 2.43 -0.36	58.52 2.95 -0.85	72.59 3.71 -2.18	75.77 4.88 0.00	84.87 6.71 0.00	118.46 10.78 -1.44	256.69 14.00 -108.96	242.82 20.88 -30.57	690.34 59.18 -106.67	606.46 58.99 -5.69	518.07 46.31 0.00	298.21 25.81 0.00	61.56 5.20 0.00	51.70 3.83 0.00	53.09 2.80 0.00
FARRAGUT___LBMP 323566	54.71 1.80 0.00	48.61 2.17 0.00	34.40 1.71 0.00	33.91 1.78 0.00	33.15 1.64 0.00	39.91 1.59 0.00	46.55 1.60 0.00	51.51 2.07 0.00	54.77 2.13 0.00	55.49 2.34 -0.36	58.41 2.85 -0.85	72.45 3.58 -2.18	75.64 4.75 0.00	84.71 6.56 0.00	118.28 10.61 -1.44	256.46 13.78 -108.96	242.57 20.63 -30.57	689.38 58.22 -106.67	605.51 58.04 -5.69	517.33 45.57 0.00	297.70 25.29 0.00	61.48 5.12 0.00	51.65 3.78 0.00	53.03 2.73 0.00
FENNER___WINDPWR 24204	54.42 1.49 -0.03	47.72 1.25 -0.03	33.54 0.84 0.00	32.92 0.79 0.00	32.25 0.73 0.00	39.30 0.97 0.00	46.11 1.15 0.00	50.70 1.27 0.00	53.90 1.26 0.00	53.95 1.15 0.00	55.78 1.07 0.00	67.98 1.28 0.00	72.45 1.57 0.00	80.13 1.97 0.00	104.73 3.45 4.96	138.35 4.66 0.03	197.96 6.59 0.00	543.27 18.78 0.00	563.25 21.47 0.00	493.08 21.31 0.00	285.51 13.11 0.00	58.88 2.52 0.00	49.99 2.13 0.00	52.64 1.73 -0.61
FIBERTEK___ENERGY 23856	53.07 0.11 -0.06	46.46 -0.05 -0.07	32.64 -0.06 0.00	32.02 -0.11 0.00	31.34 -0.18 0.00	38.15 -0.17 0.00	44.72 -0.23 0.00	49.20 -0.24 0.00	52.50 -0.14 0.00	52.68 -0.12 0.00	54.67 -0.05 0.00	66.98 0.29 0.00	71.80 0.92 0.00	79.10 0.94 0.00	105.65 2.22 2.80	137.03 3.32 0.02	195.31 3.94 0.00	533.36 8.87 0.00	551.45 9.67 0.00	481.06 9.30 0.00	278.40 5.99 0.00	57.42 1.06 0.00	48.62 0.75 0.00	50.90 0.44 -0.17
FITZPATRICK___ 23598	51.42 -1.14 0.34	44.95 -1.09 0.40	31.94 -0.76 0.00	31.34 -0.79 0.00	30.70 -0.82 0.00	37.33 -0.99 0.00	43.74 -1.21 0.00	48.12 -1.32 0.00	51.28 -1.36 0.00	51.44 -1.35 0.00	53.32 -1.39 0.00	65.13 -1.56 0.00	69.41 -1.48 0.00	76.59 -1.58 0.00	104.82 -1.41 0.00	132.41 -1.32 0.00	189.03 -2.34 0.00	517.31 -7.18 0.00	534.11 -7.67 0.00	465.80 -5.96 0.00	269.15 -3.26 0.00	55.57 -0.79 0.00	47.17 -0.70 0.00	49.35 -0.94 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	54.78 1.87 0.00	48.44 2.00 0.00	34.26 1.56 0.00	33.79 1.65 0.00	33.06 1.54 0.00	39.83 1.51 0.00	46.44 1.49 0.00	51.34 1.90 0.00	54.71 2.07 0.00	55.34 2.25 -0.30	58.04 2.63 -0.69	71.62 3.15 -1.78	74.98 4.09 0.00	83.84 5.68 0.00	115.50 9.31 0.05	142.43 12.36 3.65	209.25 18.90 1.03	574.89 53.98 3.58	595.75 54.17 0.19	507.32 35.55 0.00	296.51 24.10 0.00	61.23 4.87 0.00	51.41 3.55 0.00	52.86 2.57 0.00
FORT ORANGE___ 23900	52.45 -0.46 0.00	46.37 -0.07 0.00	32.84 0.14 0.00	32.51 0.38 0.00	31.85 0.33 0.00	38.28 -0.05 0.00	44.60 -0.35 0.00	48.91 -0.53 0.00	51.73 -0.91 0.00	51.47 -1.06 0.27	52.99 -1.11 0.62	63.84 -1.26 1.60	69.86 -1.03 0.00	77.58 -0.58 0.00	106.00 -0.16 0.07	128.44 0.13 5.41	191.44 1.59 1.52	526.45 7.26 5.30	549.89 8.39 0.28	478.73 6.97 0.00	276.96 4.55 0.00	57.44 1.08 0.00	48.58 0.71 0.00	50.41 0.11 0.00
FORT_DRUM_COGEN 23780	57.33 4.38 -0.05	50.09 3.59 -0.05	35.06 2.36 0.00	34.27 2.13 0.00	33.67 2.16 0.00	41.14 2.82 0.00	48.44 3.49 0.00	52.94 3.51 0.00	55.87 3.23 0.00	55.37 2.58 0.00	57.10 2.38 0.00	69.26 2.56 0.00	73.06 2.18 0.00	79.98 1.82 0.00	74.10 1.48 33.61	134.49 0.95 0.19	193.03 1.66 0.00	528.68 4.19 0.00	557.72 15.94 0.00	495.34 23.58 0.00	282.60 10.19 0.00	57.68 1.98 0.66	49.79 1.92 0.00	55.89 1.50 -4.09
FOX_HILLS___ESR 323835	54.68 1.77 0.00	48.73 2.29 0.00	34.47 1.77 0.00	33.94 1.81 0.00	33.19 1.67 0.00	39.96 1.64 0.00	46.55 1.60 0.00	51.33 1.89 0.00	54.61 1.97 0.00	55.34 2.18 -0.36	58.36 2.80 -0.85	72.33 3.45 -2.18	75.53 4.64 0.00	84.50 6.34 0.00	117.87 10.20 -1.45	256.09 13.17 -109.19	241.51 19.50 -30.64	686.28 54.90 -106.89	602.44 54.96 -5.70	515.05 43.29 0.00	296.58 24.18 0.00	61.27 4.91 0.00	51.52 3.66 0.00	52.87 2.58 0.00
FPL_FAR_ROCK_GT1 24212	55.39 2.49 0.00	49.28 2.84 0.00	34.97 2.27 0.00	34.48 2.35 0.00	33.66 2.14 0.00	40.53 2.20 0.00	46.99 2.04 0.00	51.95 2.51 0.00	55.15 2.51 0.00	55.90 2.75 -0.36	59.33 3.76 -0.85	72.99 4.11 -2.18	75.84 4.93 -0.02	90.89 7.95 -4.78	161.16 12.90 -42.03	269.34 16.81 -118.81	256.82 25.54 -39.91	922.41 73.59 -324.33	970.66 74.78 -354.10	660.94 59.19 -129.98	410.28 32.78 -105.09	102.53 6.34 -39.82	144.35 4.71 -91.77	110.18 3.75 -56.13
FPL_FAR_ROCK_GT2 23815	55.39 2.49 0.00	49.28 2.84 0.00	34.97 2.27 0.00	34.48 2.35 0.00	33.66 2.14 0.00	40.53 2.20 0.00	46.99 2.04 0.00	51.95 2.51 0.00	55.15 2.51 0.00	55.90 2.75 -0.36	59.33 3.76 -0.85	72.99 4.11 -2.18	75.84 4.93 -0.02	90.89 7.95 -4.78	161.16 12.90 -42.03	269.34 16.81 -118.81	256.82 25.54 -39.91	922.41 73.59 -324.33	970.66 74.78 -354.10	660.94 59.19 -129.98	410.28 32.78 -105.09	102.53 6.34 -39.82	144.35 4.71 -91.77	110.18 3.75 -56.13
FRANKLIN_FALL_HYD 24054	53.90 1.00 0.00	47.15 0.71 0.00	33.06 0.36 0.00	32.43 0.29 0.00	31.98 0.46 0.00	39.13 0.81 0.00	46.33 1.38 0.00	50.71 1.27 0.00	53.71 1.07 0.00	53.88 1.09 0.00	55.46 0.75 0.00	67.36 0.67 0.00	71.22 0.33 0.00	77.80 -0.36 0.00	63.18 -2.70 40.35	130.89 -2.60 0.23	184.01 -7.36 0.00	502.15 -22.33 0.00	521.20 -20.58 0.00	456.77 -15.00 0.00	262.24 -10.16 0.00	50.75 -2.39 3.22	46.06 -1.81 0.00	64.85 -0.86 -15.41

FREEPORT_EQUS_GT1 23764	52.99 1.65 1.57	48.60 2.15 0.00	34.56 1.86 0.00	34.09 1.96 0.00	33.28 1.76 0.00	40.07 1.74 0.00	46.37 1.42 0.00	51.23 1.79 0.00	50.50 1.70 3.84	47.76 1.86 6.89	58.32 2.76 -0.85	71.67 2.79 -2.18	74.94 4.05 0.00	86.84 6.96 -1.72	142.33 11.76 -24.34	265.86 15.06 -117.07	261.14 23.00 -46.77	972.45 66.56 -381.40	982.74 66.85 -374.11	665.30 52.61 -140.93	379.85 29.31 -78.13	84.63 5.86 -22.41	83.36 4.33 -31.16	71.22 3.27 -17.66
FREEPORT___CT2 23818	52.99 1.65 1.57	48.60 2.15 0.00	34.56 1.86 0.00	34.09 1.96 0.00	33.28 1.76 0.00	40.07 1.74 0.00	46.37 1.42 0.00	51.23 1.79 0.00	50.50 1.70 3.84	47.76 1.86 6.89	58.32 2.76 -0.85	71.67 2.79 -2.18	74.94 4.05 0.00	86.84 6.96 -1.72	142.33 11.76 -24.34	265.86 15.06 -117.07	261.14 23.00 -46.77	972.45 66.56 -381.40	982.74 66.85 -374.11	665.30 52.61 -140.93	379.85 29.31 -78.13	84.63 5.86 -22.41	83.36 4.33 -31.16	71.22 3.27 -17.66
FRESHKLS_33_KV_LOAD 356253	54.71 1.81 0.00	48.77 2.33 0.00	34.52 1.82 0.00	33.99 1.85 0.00	33.22 1.71 0.00	40.01 1.69 0.00	46.60 1.65 0.00	51.31 1.88 0.00	54.61 1.97 0.00	55.37 2.22 -0.36	58.42 2.85 -0.85	72.41 3.53 -2.18	75.66 4.76 0.00	84.59 6.43 0.00	117.97 10.29 -1.45	256.13 13.21 -109.19	241.72 19.71 -30.64	686.72 55.33 -106.89	603.12 55.64 -5.70	516.03 44.26 0.00	297.14 24.73 0.00	61.37 5.00 0.00	51.61 3.75 0.00	52.90 2.61 0.00
FULTON COGEN____ 23766	52.75 -0.27 -0.11	46.22 -0.35 -0.13	32.45 -0.25 0.00	31.83 -0.30 0.00	31.16 -0.36 0.00	37.91 -0.42 0.00	44.41 -0.54 0.00	48.88 -0.55 0.00	52.06 -0.58 0.00	52.20 -0.59 0.00	54.09 -0.63 0.00	66.15 -0.54 0.00	70.55 -0.34 0.00	78.03 -0.13 0.00	102.63 0.61 4.21	135.15 1.45 0.02	192.86 1.49 0.00	527.76 3.27 0.00	545.17 3.39 0.00	475.69 3.93 0.00	274.97 2.56 0.00	56.80 0.44 0.00	48.14 0.27 0.00	50.45 -0.07 -0.23
FULTON___LFGE 323630	56.65 3.74 0.00	49.66 3.22 0.00	34.91 2.21 0.00	34.16 2.03 0.00	33.51 1.99 0.00	40.79 2.46 0.00	47.90 2.94 0.00	52.38 2.95 0.00	55.24 2.60 0.00	54.82 2.23 0.21	56.41 2.19 0.49	68.19 2.77 1.27	74.07 3.18 0.00	81.78 3.62 0.00	111.38 5.20 0.05	135.67 5.91 3.96	198.92 8.66 1.11	547.34 26.73 3.88	575.87 34.30 0.21	511.03 39.27 0.00	297.34 24.93 0.00	61.35 4.99 0.00	51.86 3.99 0.00	54.06 3.77 0.00
G.F.CEMENT___DRP 24184	55.48 2.58 0.00	48.97 2.53 0.00	34.62 1.92 0.00	34.07 1.94 0.00	33.44 1.93 0.00	40.40 2.07 0.00	47.03 2.07 0.00	51.76 2.32 0.00	54.99 2.35 0.00	54.40 1.93 0.33	55.68 1.72 0.76	67.12 2.37 1.95	73.99 3.10 0.00	82.33 4.17 0.00	112.67 6.50 0.07	137.28 8.76 5.21	203.88 13.97 1.46	561.04 41.65 5.11	587.13 45.62 0.27	510.61 38.85 0.00	296.17 23.76 0.00	61.64 5.28 0.00	51.85 3.98 0.00	53.84 3.54 0.00
GARDENVILLE___LBMP 24039	55.79 2.89 0.00	48.28 1.84 0.00	33.71 1.01 0.00	32.66 0.53 0.00	31.84 0.32 0.00	39.14 0.81 0.00	46.00 1.04 0.00	50.32 0.88 0.00	54.40 1.76 0.00	54.80 2.01 0.00	56.96 2.24 0.00	70.26 3.56 0.00	75.35 4.46 0.00	83.07 4.90 0.00	115.32 9.09 0.00	146.06 12.34 0.00	204.04 12.67 0.00	556.90 32.41 0.00	575.40 33.62 0.00	502.33 30.57 0.00	292.39 19.98 0.00	59.89 3.53 0.00	50.81 2.94 0.00	53.60 3.31 0.00
GARDNVLA_35_KV_LD 355827	56.11 3.20 0.00	48.52 2.08 0.00	33.86 1.16 0.00	32.79 0.66 0.00	31.95 0.43 0.00	39.28 0.95 0.00	46.18 1.22 0.00	50.53 1.09 0.00	54.67 2.03 0.00	55.12 2.32 0.00	57.33 2.61 0.00	70.72 4.03 0.00	75.89 5.00 0.00	83.70 5.54 0.00	116.26 10.03 0.00	147.27 13.54 0.00	205.88 14.51 0.00	561.75 37.26 0.00	580.31 38.53 0.00	506.28 34.52 0.00	294.62 22.22 0.00	60.29 3.93 0.00	51.11 3.25 0.00	53.89 3.59 0.00
GELCKHM___115KV_LOAD 80723	52.82 -0.13 -0.04	46.25 -0.24 -0.05	32.51 -0.19 0.00	31.90 -0.23 0.00	31.22 -0.30 0.00	37.99 -0.34 0.00	44.52 -0.43 0.00	49.00 -0.44 0.00	52.28 -0.36 0.00	52.46 -0.34 0.00	54.42 -0.29 0.00	66.62 -0.07 0.00	71.32 0.43 0.00	78.64 0.48 0.00	104.55 1.56 3.25	136.23 2.53 0.02	194.35 2.97 0.00	531.30 6.81 0.00	549.01 7.23 0.00	478.79 7.02 0.00	276.82 4.42 0.00	57.12 0.76 0.00	48.38 0.52 0.00	50.68 0.20 -0.18
GENERAL___MILLS 23808	55.95 3.05 0.00	48.41 1.97 0.00	33.79 1.10 0.00	32.74 0.60 0.00	31.90 0.38 0.00	39.22 0.89 0.00	46.10 1.14 0.00	50.44 1.00 0.00	54.56 1.92 0.00	54.97 2.18 0.00	57.14 2.42 0.00	70.52 3.83 0.00	75.63 4.74 0.00	83.39 5.22 0.00	115.83 9.59 0.00	146.69 12.96 0.00	204.95 13.57 0.00	559.47 34.99 0.00	577.83 36.05 0.00	504.53 32.77 0.00	293.63 21.22 0.00	60.11 3.75 0.00	50.98 3.12 0.00	53.77 3.48 0.00
GE_PLASTICS___DRP 24183	52.07 -0.83 0.00	46.02 -0.42 0.00	32.57 -0.13 0.00	32.21 0.07 0.00	31.55 0.03 0.00	37.98 -0.34 0.00	44.28 -0.68 0.00	48.72 -0.72 0.00	51.78 -0.86 0.00	51.65 -0.94 0.21	53.28 -0.95 0.48	64.33 -1.12 1.24	70.02 -0.86 0.00	77.75 -0.41 0.00	106.17 0.01 0.07	128.63 0.28 5.37	191.19 1.32 1.51	524.78 5.55 5.26	546.91 5.41 0.28	475.23 3.47 0.00	274.72 2.31 0.00	57.01 0.65 0.00	48.25 0.39 0.00	50.19 -0.10 0.00
GILBOA___1 23756	53.13 0.23 0.00	47.05 0.61 0.00	33.25 0.55 0.00	32.77 0.64 0.00	32.10 0.58 0.00	38.75 0.43 0.00	45.09 0.14 0.00	49.68 0.24 0.00	52.87 0.22 0.00	53.11 0.25 -0.06	55.25 0.39 -0.14	67.62 0.57 -0.35	71.94 1.05 0.00	79.63 1.47 0.00	108.86 2.63 0.00	137.08 3.35 0.00	196.79 5.41 0.00	540.72 16.23 0.00	557.75 15.97 0.00	483.88 12.11 0.00	279.76 7.35 0.00	58.12 1.76 0.00	49.34 1.48 0.00	51.22 0.93 0.00
GILBOA___2 23757	53.13 0.23 0.00	47.05 0.61 0.00	33.25 0.55 0.00	32.77 0.64 0.00	32.10 0.58 0.00	38.75 0.43 0.00	45.09 0.14 0.00	49.68 0.24 0.00	52.87 0.22 0.00	53.11 0.25 -0.06	55.25 0.39 -0.14	67.62 0.57 -0.35	71.94 1.05 0.00	79.63 1.47 0.00	108.86 2.63 0.00	137.08 3.35 0.00	196.79 5.41 0.00	540.72 16.23 0.00	557.75 15.97 0.00	483.88 12.11 0.00	279.76 7.35 0.00	58.12 1.76 0.00	49.34 1.48 0.00	51.22 0.93 0.00
GILBOA___3 23758	53.13 0.23 0.00	47.05 0.61 0.00	33.25 0.55 0.00	32.77 0.64 0.00	32.10 0.58 0.00	38.75 0.43 0.00	45.09 0.14 0.00	49.68 0.24 0.00	52.87 0.22 0.00	53.11 0.25 -0.06	55.25 0.39 -0.14	67.62 0.57 -0.35	71.94 1.05 0.00	79.63 1.47 0.00	108.86 2.63 0.00	137.08 3.35 0.00	196.79 5.41 0.00	540.72 16.23 0.00	557.75 15.97 0.00	483.88 12.11 0.00	279.76 7.35 0.00	58.12 1.76 0.00	49.34 1.48 0.00	51.22 0.93 0.00
GILBOA___4 23759	53.13 0.23 0.00	47.05 0.61 0.00	33.25 0.55 0.00	32.77 0.64 0.00	32.10 0.58 0.00	38.75 0.43 0.00	45.09 0.14 0.00	49.68 0.24 0.00	52.87 0.22 0.00	53.11 0.25 -0.06	55.25 0.39 -0.14	67.62 0.57 -0.35	71.94 1.05 0.00	79.63 1.47 0.00	108.86 2.63 0.00	137.08 3.35 0.00	196.79 5.41 0.00	540.72 16.23 0.00	557.75 15.97 0.00	483.88 12.11 0.00	279.76 7.35 0.00	58.12 1.76 0.00	49.34 1.48 0.00	51.22 0.93 0.00

GILBOA____ 23599	53.13 0.23 0.00	47.05 0.61 0.00	33.25 0.55 0.00	32.77 0.64 0.00	32.09 0.57 0.00	38.75 0.43 0.00	45.09 0.14 0.00	49.67 0.23 0.00	52.86 0.22 0.00	53.10 0.25 -0.06	55.25 0.39 -0.14	67.62 0.57 -0.35	71.94 1.05 0.00	79.63 1.47 0.00	108.87 2.64 0.00	137.08 3.36 0.00	196.79 5.42 0.00	540.66 16.17 0.00	557.80 16.02 0.00	483.88 12.12 0.00	279.77 7.36 0.00	58.12 1.76 0.00	49.34 1.48 0.00	51.22 0.93 0.00
GINNA____ 23603	52.77 -0.14 0.00	45.88 -0.57 0.00	32.11 -0.59 0.00	31.25 -0.89 0.00	30.55 -0.96 0.00	37.33 -0.99 0.00	43.88 -1.07 0.00	48.16 -1.27 0.00	51.73 -0.91 0.00	52.10 -0.69 0.00	54.24 -0.48 0.00	66.66 -0.03 0.00	71.33 0.44 0.00	78.80 0.64 0.00	108.93 2.70 0.00	138.19 4.47 0.00	194.95 3.58 0.00	532.60 8.12 0.00	552.59 10.81 0.00	482.22 10.46 0.00	278.64 6.24 0.00	57.35 0.99 0.00	48.46 0.60 0.00	50.77 0.47 0.00
GLEN PARK____ 23778	57.76 4.81 -0.05	50.44 3.95 -0.06	35.30 2.60 0.00	34.50 2.36 0.00	33.89 2.37 0.00	41.41 3.09 0.00	48.75 3.80 0.00	53.26 3.82 0.00	56.17 3.52 0.00	55.65 2.85 0.00	57.43 2.72 0.00	69.60 2.91 0.00	73.39 2.50 0.00	80.37 2.21 0.00	76.46 2.04 31.81	135.16 1.61 0.18	194.03 2.65 0.00	531.69 7.20 0.00	561.70 19.91 0.00	499.52 27.76 0.00	285.58 13.17 0.00	58.41 2.67 0.62	50.31 2.44 0.00	56.13 1.96 -3.87
GLENDALE_27_KV_LOAD 356172	54.89 1.98 0.00	48.92 2.48 0.00	34.62 1.92 0.00	34.08 1.95 0.00	33.34 1.82 0.00	40.13 1.80 0.00	46.80 1.85 0.00	51.80 2.36 0.00	55.10 2.46 0.00	55.66 2.50 -0.36	58.52 2.96 -0.85	72.54 3.67 -2.18	75.77 4.88 0.00	84.82 6.66 0.00	118.50 10.82 -1.45	214.54 14.05 -66.77	242.81 20.80 -30.64	686.10 58.48 -103.13	605.83 58.36 -5.70	517.57 45.81 0.00	292.75 25.37 5.02	52.68 5.15 8.82	50.44 3.83 1.25	52.48 2.79 0.60
GLENWOOD_IC_1_G5 23712	53.72 1.75 0.94	48.60 2.16 0.00	34.47 1.77 0.00	34.00 1.87 0.00	33.22 1.70 0.00	40.00 1.68 0.00	46.47 1.51 0.00	51.36 1.92 0.00	52.31 1.96 2.29	50.98 2.15 3.96	58.62 3.06 -0.85	72.28 3.40 -2.18	75.20 4.31 0.00	86.19 6.73 -1.30	222.25 11.22 -104.80	305.50 14.51 -157.27	406.28 21.97 -192.94	1736.40 62.37 -1149.54	1740.60 62.11 -1136.72	1028.80 48.79 -508.25	449.56 27.23 -149.93	81.50 5.33 -19.81	70.11 3.93 -18.33	62.59 2.83 -9.46
GLENWOOD_IC_2_G1 23688	54.48 1.57 0.00	48.40 1.96 0.00	34.31 1.61 0.00	33.86 1.72 0.00	33.08 1.56 0.00	39.84 1.51 0.00	46.32 1.37 0.00	51.18 1.74 0.00	54.40 1.76 0.00	55.11 1.95 -0.36	58.25 2.69 -0.85	72.06 3.19 -2.18	75.17 4.28 0.00	85.51 6.43 -0.92	346.68 10.59 -229.86	366.16 13.71 -218.72	628.25 20.68 -416.20	2903.89 58.95 -2320.46	2903.65 58.81 -2303.07	1586.63 46.17 -1068.69	559.69 25.95 -261.33	78.97 5.16 -17.45	56.39 3.78 -4.74	53.80 2.76 -0.75
GLENWOOD_IC_3_G1 23689	54.48 1.57 0.00	48.40 1.96 0.00	34.31 1.61 0.00	33.86 1.72 0.00	33.08 1.56 0.00	39.84 1.51 0.00	46.32 1.37 0.00	51.18 1.74 0.00	54.40 1.76 0.00	55.11 1.95 -0.36	58.25 2.69 -0.85	72.06 3.19 -2.18	75.17 4.28 0.00	85.51 6.43 -0.92	346.68 10.59 -229.86	366.16 13.71 -218.72	628.25 20.68 -416.20	2903.89 58.95 -2320.46	2903.65 58.81 -2303.07	1586.63 46.17 -1068.69	559.69 25.95 -261.33	78.97 5.16 -17.45	56.39 3.78 -4.74	53.80 2.76 -0.75
GLENWOOD____4 23550	53.72 1.75 0.94	48.60 2.16 0.00	34.47 1.77 0.00	34.00 1.87 0.00	33.22 1.70 0.00	40.00 1.68 0.00	46.47 1.51 0.00	51.36 1.92 0.00	52.31 1.96 2.29	50.98 2.15 3.96	58.62 3.06 -0.85	72.36 3.48 -2.18	75.39 4.50 0.00	86.39 6.93 -1.30	222.52 11.49 -104.80	305.88 14.89 -157.27	406.69 22.38 -192.94	1737.71 63.68 -1149.54	1742.00 63.50 -1136.72	1030.12 50.10 -508.25	450.32 27.99 -149.93	81.65 5.48 -19.81	70.24 4.05 -18.33	62.70 2.94 -9.46
GLENWOOD____5 23614	53.72 1.75 0.94	48.60 2.16 0.00	34.47 1.77 0.00	34.00 1.87 0.00	33.22 1.70 0.00	40.00 1.68 0.00	46.47 1.51 0.00	51.36 1.92 0.00	52.31 1.96 2.29	50.98 2.15 3.96	58.62 3.06 -0.85	72.36 3.48 -2.18	75.39 4.50 0.00	86.39 6.93 -1.30	222.52 11.49 -104.80	305.88 14.89 -157.27	406.69 22.38 -192.94	1737.71 63.68 -1149.54	1742.00 63.50 -1136.72	1030.12 50.10 -508.25	450.32 27.99 -149.93	81.65 5.48 -19.81	70.24 4.05 -18.33	62.70 2.94 -9.46
GLOBAL GREEN_PORT_GT1 23814	52.34 2.49 3.06	49.44 3.00 0.00	35.35 2.65 0.00	34.99 2.86 0.00	34.15 2.63 0.00	41.18 2.85 0.00	47.67 2.72 0.00	52.74 3.30 0.00	48.57 3.41 7.48	41.74 2.70 13.75	60.14 4.58 -0.85	74.72 5.34 -2.68	76.51 6.46 0.83	88.26 9.96 -0.14	90.96 17.11 32.39	247.50 21.37 -92.40	198.62 32.38 25.14	586.26 92.38 30.61	568.04 90.80 64.54	465.81 69.38 75.33	326.29 39.58 -14.30	77.20 7.32 -13.53	51.50 6.41 2.77	51.90 5.45 3.84
GLOBE____DSASP 323697	54.50 1.60 0.00	47.19 0.75 0.00	32.92 0.22 0.00	31.81 -0.32 0.00	31.08 -0.44 0.00	38.11 -0.21 0.00	44.78 -0.17 0.00	48.92 -0.52 0.00	52.99 0.35 0.00	53.38 0.59 0.00	55.54 0.82 0.00	68.33 1.64 0.00	73.13 2.24 0.00	80.38 2.22 0.00	111.04 4.81 0.00	140.58 6.85 0.00	195.24 7.33 0.00	531.82 7.33 0.00	549.16 7.38 0.00	480.60 8.83 0.00	279.59 7.19 0.00	57.62 1.26 0.00	49.02 1.15 0.00	52.06 1.76 0.00
GOETHSLN____LBMP 323567	54.46 1.55 0.00	48.37 1.92 0.00	34.24 1.54 0.00	33.75 1.62 0.00	32.98 1.46 0.00	39.71 1.39 0.00	46.31 1.36 0.00	51.21 1.77 0.00	54.42 1.78 0.00	55.15 1.99 -0.36	58.04 2.48 -0.85	72.02 3.15 -2.18	75.15 4.26 0.00	84.23 6.07 0.00	117.60 9.92 -1.44	255.62 12.93 -108.96	241.32 19.38 -30.57	685.79 54.64 -106.67	602.16 54.70 -5.69	514.46 42.69 0.00	296.02 23.61 0.00	61.18 4.82 0.00	51.40 3.54 0.00	52.75 2.46 0.00
GOLAH____69_KV_TB 1_2 80279	56.08 3.18 0.00	48.67 2.23 0.00	34.02 1.32 0.00	33.04 0.91 0.00	32.27 0.75 0.00	39.46 1.13 0.00	46.47 1.52 0.00	50.95 1.51 0.00	54.90 2.26 0.00	55.14 2.35 0.00	57.30 2.59 0.00	70.37 3.68 0.00	75.29 4.40 0.00	83.07 4.91 0.00	114.74 8.50 0.00	145.63 11.90 0.00	204.71 13.34 0.00	559.57 35.08 0.00	580.87 39.09 0.00	508.49 36.73 0.00	294.59 22.19 0.00	73.68 4.29 -13.04	63.82 3.56 -12.39	54.01 3.71 0.00
GOODYEAR_LAKE_HYD 323669	55.14 2.24 0.00	48.46 2.02 0.00	34.12 1.42 0.00	33.44 1.31 0.00	32.67 1.16 0.00	39.77 1.45 0.00	46.62 1.67 0.00	51.37 1.94 0.00	54.75 2.11 0.00	55.02 2.23 0.00	57.20 2.49 0.00	69.93 3.24 0.00	74.77 3.88 0.00	82.74 4.58 0.00	113.17 6.94 0.00	142.69 8.96 0.00	203.99 12.61 0.00	559.41 34.92 0.00	578.17 36.40 0.00	504.06 32.30 0.00	291.24 18.83 0.00	60.06 3.70 0.00	50.80 2.94 0.00	52.82 2.52 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	53.85 0.92 -0.02	47.16 0.69 -0.03	33.18 0.48 0.00	32.61 0.48 0.00	31.80 0.28 0.00	38.81 0.48 0.00	45.44 0.49 0.00	50.05 0.61 0.00	53.32 0.68 0.00	53.51 0.72 0.00	55.53 0.82 0.00	68.08 1.39 0.00	73.01 2.13 0.00	80.93 2.77 0.00	111.62 5.39 0.00	140.67 6.94 0.00	200.24 8.87 0.00	547.95 23.46 0.00	565.86 24.08 0.00	492.10 20.33 0.00	285.61 13.21 0.00	58.79 2.43 0.00	49.73 1.86 0.00	51.75 1.45 0.00

GOUDEY___7 23579	53.85 0.92 -0.02	47.16 0.69 -0.03	33.18 0.48 0.00	32.61 0.48 0.00	31.80 0.28 0.00	38.81 0.48 0.00	45.44 0.49 0.00	50.05 0.61 0.00	53.32 0.68 0.00	53.51 0.72 0.00	55.53 0.82 0.00	68.08 1.39 0.00	73.01 2.13 0.00	80.93 2.77 0.00	111.62 5.39 0.00	140.67 6.94 0.00	200.24 8.87 0.00	547.95 23.46 0.00	565.86 24.08 0.00	492.10 20.33 0.00	285.61 13.21 0.00	58.79 2.43 0.00	49.73 1.86 0.00	51.75 1.45 0.00
GOUDEY___8 23580	53.85 0.92 -0.02	47.16 0.69 -0.03	33.18 0.48 0.00	32.61 0.48 0.00	31.80 0.28 0.00	38.81 0.48 0.00	45.44 0.49 0.00	50.05 0.61 0.00	53.32 0.68 0.00	53.51 0.72 0.00	55.53 0.82 0.00	68.08 1.39 0.00	73.01 2.13 0.00	80.93 2.77 0.00	111.62 5.39 0.00	140.67 6.94 0.00	200.24 8.87 0.00	547.95 23.46 0.00	565.86 24.08 0.00	492.10 20.33 0.00	285.61 13.21 0.00	58.79 2.43 0.00	49.73 1.86 0.00	51.75 1.45 0.00
GOWANUS_GT1_1 24077	54.80 1.90 0.00	48.82 2.38 0.00	34.53 1.83 0.00	33.98 1.85 0.00	33.24 1.72 0.00	40.01 1.69 0.00	46.64 1.69 0.00	51.48 2.05 0.00	54.76 2.12 0.00	55.44 2.28 -0.36	58.41 2.85 -0.85	72.41 3.54 -2.18	75.63 4.74 0.00	84.64 6.48 0.00	118.18 10.50 -1.45	256.58 13.66 -109.19	242.06 20.05 -30.64	687.90 56.51 -106.89	603.98 56.50 -5.70	516.08 44.31 0.00	297.12 24.72 0.00	61.38 5.01 0.00	51.59 3.72 0.00	52.98 2.68 0.00
GOWANUS_GT1_2 24078	54.80 1.90 0.00	48.82 2.38 0.00	34.53 1.83 0.00	33.98 1.85 0.00	33.24 1.72 0.00	40.01 1.69 0.00	46.64 1.69 0.00	51.48 2.05 0.00	54.76 2.12 0.00	55.44 2.28 -0.36	58.41 2.85 -0.85	72.41 3.54 -2.18	75.63 4.74 0.00	84.64 6.48 0.00	118.18 10.50 -1.45	256.58 13.66 -109.19	242.06 20.05 -30.64	687.90 56.51 -106.89	603.98 56.50 -5.70	516.08 44.31 0.00	297.12 24.72 0.00	61.38 5.01 0.00	51.59 3.72 0.00	52.98 2.68 0.00
GOWANUS_GT1_3 24079	54.80 1.90 0.00	48.82 2.38 0.00	34.53 1.83 0.00	33.98 1.85 0.00	33.24 1.72 0.00	40.01 1.69 0.00	46.64 1.69 0.00	51.48 2.05 0.00	54.76 2.12 0.00	55.44 2.28 -0.36	58.41 2.85 -0.85	72.41 3.54 -2.18	75.63 4.74 0.00	84.64 6.48 0.00	118.18 10.50 -1.45	256.58 13.66 -109.19	242.06 20.05 -30.64	687.90 56.51 -106.89	603.98 56.50 -5.70	516.08 44.31 0.00	297.12 24.72 0.00	61.38 5.01 0.00	51.59 3.72 0.00	52.98 2.68 0.00
GOWANUS_GT1_4 24080	54.80 1.90 0.00	48.82 2.38 0.00	34.53 1.83 0.00	33.98 1.85 0.00	33.24 1.72 0.00	40.01 1.69 0.00	46.64 1.69 0.00	51.48 2.05 0.00	54.76 2.12 0.00	55.44 2.28 -0.36	58.41 2.85 -0.85	72.41 3.54 -2.18	75.63 4.74 0.00	84.64 6.48 0.00	118.18 10.50 -1.45	256.58 13.66 -109.19	242.06 20.05 -30.64	687.90 56.51 -106.89	603.98 56.50 -5.70	516.08 44.31 0.00	297.12 24.72 0.00	61.38 5.01 0.00	51.59 3.72 0.00	52.98 2.68 0.00
GOWANUS_GT1_5 24084	54.80 1.90 0.00	48.82 2.38 0.00	34.53 1.83 0.00	33.98 1.85 0.00	33.24 1.72 0.00	40.01 1.69 0.00	46.64 1.69 0.00	51.48 2.05 0.00	54.76 2.12 0.00	55.44 2.28 -0.36	58.41 2.85 -0.85	72.41 3.54 -2.18	75.63 4.74 0.00	84.64 6.48 0.00	118.18 10.50 -1.45	256.58 13.66 -109.19	242.06 20.05 -30.64	687.90 56.51 -106.89	603.98 56.50 -5.70	516.08 44.31 0.00	297.12 24.72 0.00	61.38 5.01 0.00	51.59 3.72 0.00	52.98 2.68 0.00
GOWANUS_GT1_6 24111	54.80 1.90 0.00	48.82 2.38 0.00	34.53 1.83 0.00	33.98 1.85 0.00	33.24 1.72 0.00	40.01 1.69 0.00	46.64 1.69 0.00	51.48 2.05 0.00	54.76 2.12 0.00	55.44 2.28 -0.36	58.41 2.85 -0.85	72.41 3.54 -2.18	75.63 4.74 0.00	84.64 6.48 0.00	118.18 10.50 -1.45	256.58 13.66 -109.19	242.06 20.05 -30.64	687.90 56.51 -106.89	603.98 56.50 -5.70	516.08 44.31 0.00	297.12 24.72 0.00	61.38 5.01 0.00	51.59 3.72 0.00	52.98 2.68 0.00
GOWANUS_GT1_7 24112	54.80 1.90 0.00	48.82 2.38 0.00	34.53 1.83 0.00	33.98 1.85 0.00	33.24 1.72 0.00	40.01 1.69 0.00	46.64 1.69 0.00	51.48 2.05 0.00	54.76 2.12 0.00	55.44 2.28 -0.36	58.41 2.85 -0.85	72.41 3.54 -2.18	75.63 4.74 0.00	84.64 6.48 0.00	118.18 10.50 -1.45	256.58 13.66 -109.19	242.06 20.05 -30.64	687.90 56.51 -106.89	603.98 56.50 -5.70	516.08 44.31 0.00	297.12 24.72 0.00	61.38 5.01 0.00	51.59 3.72 0.00	52.98 2.68 0.00
GOWANUS_GT1_8 24113	54.80 1.90 0.00	48.82 2.38 0.00	34.53 1.83 0.00	33.98 1.85 0.00	33.24 1.72 0.00	40.01 1.69 0.00	46.64 1.69 0.00	51.48 2.05 0.00	54.76 2.12 0.00	55.44 2.28 -0.36	58.41 2.85 -0.85	72.41 3.54 -2.18	75.63 4.74 0.00	84.64 6.48 0.00	118.18 10.50 -1.45	256.58 13.66 -109.19	242.06 20.05 -30.64	687.90 56.51 -106.89	603.98 56.50 -5.70	516.08 44.31 0.00	297.12 24.72 0.00	61.38 5.01 0.00	51.59 3.72 0.00	52.98 2.68 0.00
GOWANUS_GT2_1 24114	54.81 1.91 0.00	48.82 2.38 0.00	34.52 1.82 0.00	33.98 1.85 0.00	33.24 1.72 0.00	40.02 1.69 0.00	46.64 1.69 0.00	51.48 2.05 0.00	54.74 2.10 0.00	55.43 2.27 -0.36	58.41 2.85 -0.84	72.41 3.53 -2.18	75.63 4.74 0.00	84.63 6.47 0.00	118.20 10.52 -1.45	256.60 13.68 -109.19	242.06 20.05 -30.64	687.65 56.27 -106.89	603.67 56.20 -5.70	516.13 44.37 0.00	297.12 24.72 0.01	61.37 5.01 0.00	51.59 3.72 0.00	52.97 2.67 0.00
GOWANUS_GT2_2 24115	54.81 1.91 0.00	48.82 2.38 0.00	34.52 1.82 0.00	33.98 1.85 0.00	33.24 1.72 0.00	40.02 1.69 0.00	46.64 1.69 0.00	51.48 2.05 0.00	54.74 2.10 0.00	55.43 2.27 -0.36	58.41 2.85 -0.84	72.41 3.53 -2.18	75.63 4.74 0.00	84.63 6.47 0.00	118.20 10.52 -1.45	256.60 13.68 -109.19	242.06 20.05 -30.64	687.65 56.27 -106.89	603.67 56.20 -5.70	516.13 44.37 0.00	297.12 24.72 0.01	61.37 5.01 0.00	51.59 3.72 0.00	52.97 2.67 0.00
GOWANUS_GT2_3 24116	54.81 1.91 0.00	48.82 2.38 0.00	34.52 1.82 0.00	33.98 1.85 0.00	33.24 1.72 0.00	40.02 1.69 0.00	46.64 1.69 0.00	51.48 2.05 0.00	54.74 2.10 0.00	55.43 2.27 -0.36	58.41 2.85 -0.84	72.41 3.53 -2.18	75.63 4.74 0.00	84.63 6.47 0.00	118.20 10.52 -1.45	256.60 13.68 -109.19	242.06 20.05 -30.64	687.65 56.27 -106.89	603.67 56.20 -5.70	516.13 44.37 0.00	297.12 24.72 0.01	61.37 5.01 0.00	51.59 3.72 0.00	52.97 2.67 0.00
GOWANUS_GT2_4 24117	54.81 1.91 0.00	48.82 2.38 0.00	34.52 1.82 0.00	33.98 1.85 0.00	33.24 1.72 0.00	40.02 1.69 0.00	46.64 1.69 0.00	51.48 2.05 0.00	54.74 2.10 0.00	55.43 2.27 -0.36	58.41 2.85 -0.84	72.41 3.53 -2.18	75.63 4.74 0.00	84.63 6.47 0.00	118.20 10.52 -1.45	256.60 13.68 -109.19	242.06 20.05 -30.64	687.65 56.27 -106.89	603.67 56.20 -5.70	516.13 44.37 0.00	297.12 24.72 0.01	61.37 5.01 0.00	51.59 3.72 0.00	52.97 2.67 0.00
GOWANUS_GT2_5 24118	54.81 1.91 0.00	48.82 2.38 0.00	34.52 1.82 0.00	33.98 1.85 0.00	33.24 1.72 0.00	40.02 1.69 0.00	46.64 1.69 0.00	51.48 2.05 0.00	54.74 2.10 0.00	55.43 2.27 -0.36	58.41 2.85 -0.84	72.41 3.53 -2.18	75.63 4.74 0.00	84.63 6.47 0.00	118.20 10.52 -1.45	256.60 13.68 -109.19	242.06 20.05 -30.64	687.65 56.27 -106.89	603.67 56.20 -5.70	516.13 44.37 0.00	297.12 24.72 0.01	61.37 5.01 0.00	51.59 3.72 0.00	52.97 2.67 0.00

GOWANUS_GT2_6 24119	54.81 1.91 0.00	48.82 2.38 0.00	34.52 1.82 0.00	33.98 1.85 0.00	33.24 1.72 0.00	40.02 1.69 0.00	46.64 1.69 0.00	51.48 2.05 0.00	54.74 2.10 0.00	55.43 2.27 -0.36	58.41 2.85 -0.84	72.41 3.53 -2.18	75.63 4.74 0.00	84.63 6.47 0.00	118.20 10.52 -1.45	256.60 13.68 -109.19	242.06 20.05 -30.64	687.65 56.27 -106.89	603.67 56.20 -5.70	516.13 44.37 0.00	297.12 24.72 0.01	61.37 5.01 0.00	51.59 3.72 0.00	52.97 2.67 0.00
GOWANUS_GT2_7 24120	54.81 1.91 0.00	48.82 2.38 0.00	34.52 1.82 0.00	33.98 1.85 0.00	33.24 1.72 0.00	40.02 1.69 0.00	46.64 1.69 0.00	51.48 2.05 0.00	54.74 2.10 0.00	55.43 2.27 -0.36	58.41 2.85 -0.84	72.41 3.53 -2.18	75.63 4.74 0.00	84.63 6.47 0.00	118.20 10.52 -1.45	256.60 13.68 -109.19	242.06 20.05 -30.64	687.65 56.27 -106.89	603.67 56.20 -5.70	516.13 44.37 0.00	297.12 24.72 0.01	61.37 5.01 0.00	51.59 3.72 0.00	52.97 2.67 0.00
GOWANUS_GT2_8 24121	54.81 1.91 0.00	48.82 2.38 0.00	34.52 1.82 0.00	33.98 1.85 0.00	33.24 1.72 0.00	40.02 1.69 0.00	46.64 1.69 0.00	51.48 2.05 0.00	54.74 2.10 0.00	55.43 2.27 -0.36	58.41 2.85 -0.84	72.41 3.53 -2.18	75.63 4.74 0.00	84.63 6.47 0.00	118.20 10.52 -1.45	256.60 13.68 -109.19	242.06 20.05 -30.64	687.65 56.27 -106.89	603.67 56.20 -5.70	516.13 44.37 0.00	297.12 24.72 0.01	61.37 5.01 0.00	51.59 3.72 0.00	52.97 2.67 0.00
GOWANUS_GT3_1 24122	54.81 1.91 0.00	48.82 2.38 0.00	34.52 1.82 0.00	33.98 1.85 0.00	33.24 1.72 0.00	40.02 1.69 0.00	46.64 1.69 0.00	51.48 2.05 0.00	54.74 2.10 0.00	55.43 2.27 -0.36	58.41 2.85 -0.84	72.41 3.53 -2.18	75.63 4.74 0.00	84.63 6.47 0.00	118.20 10.52 -1.45	256.60 13.68 -109.19	242.06 20.05 -30.64	687.65 56.27 -106.89	603.67 56.20 -5.70	516.13 44.37 0.00	297.12 24.72 0.01	61.37 5.01 0.00	51.59 3.72 0.00	52.97 2.67 0.00
GOWANUS_GT3_2 24123	54.81 1.91 0.00	48.82 2.38 0.00	34.52 1.82 0.00	33.98 1.85 0.00	33.24 1.72 0.00	40.02 1.69 0.00	46.64 1.69 0.00	51.48 2.05 0.00	54.74 2.10 0.00	55.43 2.27 -0.36	58.41 2.85 -0.84	72.41 3.53 -2.18	75.63 4.74 0.00	84.63 6.47 0.00	118.20 10.52 -1.45	256.60 13.68 -109.19	242.06 20.05 -30.64	687.65 56.27 -106.89	603.67 56.20 -5.70	516.13 44.37 0.00	297.12 24.72 0.01	61.37 5.01 0.00	51.59 3.72 0.00	52.97 2.67 0.00
GOWANUS_GT3_3 24124	54.81 1.91 0.00	48.82 2.38 0.00	34.52 1.82 0.00	33.98 1.85 0.00	33.24 1.72 0.00	40.02 1.69 0.00	46.64 1.69 0.00	51.48 2.05 0.00	54.74 2.10 0.00	55.43 2.27 -0.36	58.41 2.85 -0.84	72.41 3.53 -2.18	75.63 4.74 0.00	84.63 6.47 0.00	118.20 10.52 -1.45	256.60 13.68 -109.19	242.06 20.05 -30.64	687.65 56.27 -106.89	603.67 56.20 -5.70	516.13 44.37 0.00	297.12 24.72 0.01	61.37 5.01 0.00	51.59 3.72 0.00	52.97 2.67 0.00
GOWANUS_GT3_4 24125	54.81 1.91 0.00	48.82 2.38 0.00	34.52 1.82 0.00	33.98 1.85 0.00	33.24 1.72 0.00	40.02 1.69 0.00	46.64 1.69 0.00	51.48 2.05 0.00	54.74 2.10 0.00	55.43 2.27 -0.36	58.41 2.85 -0.84	72.41 3.53 -2.18	75.63 4.74 0.00	84.63 6.47 0.00	118.20 10.52 -1.45	256.60 13.68 -109.19	242.06 20.05 -30.64	687.65 56.27 -106.89	603.67 56.20 -5.70	516.13 44.37 0.00	297.12 24.72 0.01	61.37 5.01 0.00	51.59 3.72 0.00	52.97 2.67 0.00
GOWANUS_GT3_5 24126	54.81 1.91 0.00	48.																						

GOWANUS_GT4_5 24134	54.80 1.90 0.00	48.82 2.38 0.00	34.53 1.83 0.00	33.98 1.85 0.00	33.24 1.72 0.00	40.01 1.69 0.00	46.64 1.69 0.00	51.48 2.05 0.00	54.76 2.12 0.00	55.44 2.28 -0.36	58.41 2.85 -0.85	72.41 3.54 -2.18	75.63 4.74 0.00	84.64 6.48 0.00	118.18 10.50 -1.45	256.58 13.66 -109.19	242.06 20.05 -30.64	687.90 56.51 -106.89	603.98 56.50 -5.70	516.08 44.31 0.00	297.12 24.72 0.00	61.38 5.01 0.00	51.59 3.72 0.00	52.98 2.68 0.00
GOWANUS_GT4_6 24135	54.80 1.90 0.00	48.82 2.38 0.00	34.53 1.83 0.00	33.98 1.85 0.00	33.24 1.72 0.00	40.01 1.69 0.00	46.64 1.69 0.00	51.48 2.05 0.00	54.76 2.12 0.00	55.44 2.28 -0.36	58.41 2.85 -0.85	72.41 3.54 -2.18	75.63 4.74 0.00	84.64 6.48 0.00	118.18 10.50 -1.45	256.58 13.66 -109.19	242.06 20.05 -30.64	687.90 56.51 -106.89	603.98 56.50 -5.70	516.08 44.31 0.00	297.12 24.72 0.00	61.38 5.01 0.00	51.59 3.72 0.00	52.98 2.68 0.00
GOWANUS_GT4_7 24136	54.80 1.90 0.00	48.82 2.38 0.00	34.53 1.83 0.00	33.98 1.85 0.00	33.24 1.72 0.00	40.01 1.69 0.00	46.64 1.69 0.00	51.48 2.05 0.00	54.76 2.12 0.00	55.44 2.28 -0.36	58.41 2.85 -0.85	72.41 3.54 -2.18	75.63 4.74 0.00	84.64 6.48 0.00	118.18 10.50 -1.45	256.58 13.66 -109.19	242.06 20.05 -30.64	687.90 56.51 -106.89	603.98 56.50 -5.70	516.08 44.31 0.00	297.12 24.72 0.00	61.38 5.01 0.00	51.59 3.72 0.00	52.98 2.68 0.00
GOWANUS_GT4_8 24137	54.80 1.90 0.00	48.82 2.38 0.00	34.53 1.83 0.00	33.98 1.85 0.00	33.24 1.72 0.00	40.01 1.69 0.00	46.64 1.69 0.00	51.48 2.05 0.00	54.76 2.12 0.00	55.44 2.28 -0.36	58.41 2.85 -0.85	72.41 3.54 -2.18	75.63 4.74 0.00	84.64 6.48 0.00	118.18 10.50 -1.45	256.58 13.66 -109.19	242.06 20.05 -30.64	687.90 56.51 -106.89	603.98 56.50 -5.70	516.08 44.31 0.00	297.12 24.72 0.00	61.38 5.01 0.00	51.59 3.72 0.00	52.98 2.68 0.00
GREATVR_69_KV_BK1 356245	51.71 1.76 2.96	48.79 2.35 0.00	34.80 2.10 0.00	34.36 2.22 0.00	33.52 2.01 0.00	40.38 2.05 0.00	46.64 1.69 0.00	51.50 2.07 0.00	47.37 1.95 7.22	41.66 2.15 13.27	59.27 3.70 -0.85	74.83 4.09 -4.05	75.31 5.32 0.90	86.94 8.55 -0.23	93.00 14.61 27.84	247.37 17.85 -95.79	196.94 26.45 20.89	604.30 75.04 -4.77	587.88 74.48 28.38	471.95 58.66 58.47	325.75 34.77 -18.58	77.03 6.63 -14.04	52.19 5.14 0.81	51.66 3.97 2.60
GREENBSH_115KV_TB3 55895	52.13 -0.77 0.00	46.09 -0.35 0.00	32.65 -0.05 0.00	32.34 0.21 0.00	31.69 0.17 0.00	38.06 -0.27 0.00	44.35 -0.60 0.00	48.79 -0.65 0.00	51.86 -0.78 0.00	51.62 -0.88 0.29	53.16 -0.90 0.66	63.97 -1.02 1.71	70.13 -0.76 0.00	77.95 -0.21 0.00	106.45 0.30 0.07	128.91 0.78 5.59	192.00 2.19 1.57	527.50 8.49 5.47	550.06 8.57 0.29	477.77 6.01 0.00	276.31 3.91 0.00	57.32 0.97 0.00	48.46 0.60 0.00	50.33 0.03 0.00
GREENDGE_115KV_TB5 80291	54.70 1.77 -0.02	47.81 1.35 -0.02	33.70 1.00 0.00	32.98 0.84 0.00	32.16 0.65 0.00	39.40 1.07 0.00	46.22 1.27 0.00	50.54 1.10 0.00	53.74 1.10 0.00	53.81 1.01 0.00	55.75 1.04 0.00	68.47 1.77 0.00	73.55 2.66 0.00	81.37 3.21 0.00	112.18 5.95 0.00	142.10 8.37 0.00	201.22 9.85 0.00	551.22 26.73 0.00	573.43 31.65 0.00	502.99 31.23 0.00	291.84 19.43 0.00	60.00 3.64 0.00	50.55 2.68 0.00	52.64 2.34 0.00
GREENIDGE___3 23582	54.70 1.77 -0.02	47.81 1.35 -0.02	33.70 1.00 0.00	32.98 0.84 0.00	32.16 0.65 0.00	39.40 1.07 0.00	46.22 1.27 0.00	50.54 1.10 0.00	53.74 1.10 0.00	53.81 1.01 0.00	55.75 1.04 0.00	68.47 1.77 0.00	73.55 2.66 0.00	81.37 3.21 0.00	112.18 5.95 0.00	142.10 8.37 0.00	201.22 9.85 0.00	551.22 26.73 0.00	573.43 31.65 0.00	502.99 31.23 0.00	291.84 19.43 0.00	60.00 3.64 0.00	50.55 2.68 0.00	52.64 2.34 0.00
GREENIDGE___4 23583	54.70 1.78 -0.02	47.83 1.36 -0.02	33.70 1.00 0.00	32.98 0.84 0.00	32.17 0.65 0.00	39.39 1.07 0.00	46.24 1.29 0.00	50.54 1.10 0.00	53.75 1.11 0.00	53.81 1.02 0.00	55.75 1.04 0.00	68.47 1.78 0.00	73.55 2.66 0.00	81.38 3.22 0.00	112.20 5.96 0.00	142.12 8.39 0.00	201.21 9.84 0.00	551.07 26.58 0.00	573.43 31.65 0.00	502.98 31.21 0.00	291.75 19.34 0.00	60.01 3.65 0.00	50.55 2.68 0.00	52.63 2.33 0.00
GREENLWN_69_KV_BK 3 55738	50.41 0.49 2.98	47.80 1.36 0.00	34.11 1.42 0.00	33.72 1.59 0.00	32.91 1.39 0.00	39.61 1.28 0.00	45.65 0.70 0.00	50.24 0.80 0.00	45.73 0.38 7.29	39.84 0.46 13.40	57.42 1.86 -0.85	70.13 1.59 -1.84	71.14 2.51 2.26	83.76 5.40 -0.19	88.21 10.38 28.41	240.51 12.52 -94.26	174.00 19.36 36.73	583.66 55.81 -3.36	560.51 55.33 36.61	441.22 42.64 73.19	309.32 23.67 -13.24	74.63 4.44 -13.82	49.44 3.24 1.67	49.25 2.09 3.14
GREENWD_138_KV_38B11_REV_LBMP_J 345004	54.80 1.90 0.00	48.82 2.38 0.00	34.53 1.83 0.00	33.98 1.85 0.00	33.24 1.72 0.00	40.01 1.69 0.00	46.64 1.69 0.00	51.48 2.05 0.00	54.76 2.12 0.00	55.44 2.28 -0.36	58.41 2.85 -0.85	72.41 3.54 -2.18	75.63 4.74 0.00	84.64 6.48 0.00	118.18 10.50 -1.45	256.58 13.66 -109.19	242.06 20.05 -30.64	687.90 56.51 -106.89	603.98 56.50 -5.70	516.08 44.31 0.00	297.12 24.72 0.00	61.38 5.01 0.00	51.59 3.72 0.00	52.98 2.68 0.00
GRISSOM___SOLAR 323813	56.30 3.40 0.00	49.41 2.97 0.00	34.76 2.06 0.00	34.05 1.91 0.00	33.40 1.88 0.00	40.61 2.29 0.00	47.64 2.69 0.00	52.15 2.72 0.00	55.03 2.39 0.00	54.56 1.99 0.22	56.13 1.92 0.51	67.84 2.45 1.30	73.76 2.88 0.00	81.53 3.37 0.00	111.15 4.97 0.05	135.38 5.75 4.09	198.87 8.64 1.15	547.56 27.08 4.01	575.60 34.03 0.21	509.79 38.03 0.00	296.46 24.06 0.00	61.21 4.85 0.00	51.72 3.86 0.00	53.91 3.61 0.00
GROVEVILLE___HYD 323602	54.78 1.87 0.00	48.44 2.00 0.00	34.26 1.56 0.00	33.79 1.65 0.00	33.06 1.54 0.00	39.83 1.51 0.00	46.44 1.49 0.00	51.34 1.90 0.00	54.71 2.07 0.00	55.34 2.25 -0.30	58.04 2.63 -0.69	71.62 3.15 -1.78	74.98 4.09 0.00	83.84 5.68 0.00	115.50 9.31 0.05	142.43 12.36 3.65	209.25 18.90 1.03	574.89 53.98 3.58	595.75 54.17 0.19	507.32 35.55 0.00	296.51 24.10 0.00	61.23 4.87 0.00	51.41 3.55 0.00	52.86 2.57 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	53.07 0.11 -0.06	46.46 -0.05 -0.07	32.64 -0.06 0.00	32.02 -0.11 0.00	31.34 -0.18 0.00	38.15 -0.17 0.00	44.72 -0.23 0.00	49.20 -0.24 0.00	52.50 -0.14 0.00	52.68 -0.12 0.00	54.67 -0.05 0.00	66.98 0.29 0.00	71.80 0.92 0.00	79.10 0.94 0.00	105.65 2.22 2.80	137.03 3.32 0.02	195.31 3.94 0.00	533.36 8.87 0.00	551.45 9.67 0.00	481.06 9.30 0.00	278.40 5.99 0.00	57.42 1.06 0.00	48.62 0.75 0.00	50.90 0.44 -0.17
HAMLTNNY_34_KV_TB 80303	54.04 1.08 -0.06	47.22 0.71 -0.07	33.15 0.45 0.00	32.46 0.33 0.00	31.74 0.22 0.00	38.68 0.35 0.00	45.37 0.41 0.00	49.85 0.41 0.00	53.22 0.58 0.00	53.41 0.61 0.00	55.42 0.70 0.00	67.99 1.30 0.00	72.71 1.82 0.00	80.33 2.17 0.00	107.77 4.05 2.52	139.36 5.65 0.01	198.51 7.14 0.00	542.53 18.04 0.00	561.34 19.56 0.00	490.40 18.64 0.00	284.02 11.61 0.00	58.55 2.19 0.00	49.52 1.66 0.00	51.77 1.47 0.00

HAMPSHIRE___PAPER_HYD 323593	55.12 2.20 -0.02	48.21 1.74 -0.02	33.79 1.09 0.00	33.04 0.91 0.00	32.47 0.95 0.00	39.72 1.40 0.00	46.93 1.98 0.00	51.36 1.92 0.00	54.24 1.60 0.00	53.91 1.12 0.00	55.26 0.54 0.00	66.97 0.28 0.00	70.59 -0.30 0.00	77.01 -1.15 0.00	17.46 -3.53 85.24	127.43 -5.81 0.48	183.72 -7.66 0.00	503.46 -21.02 0.00	526.24 -15.54 0.00	464.95 -6.82 0.00	266.35 -6.05 0.00	53.38 -1.17 1.81	47.51 -0.35 0.00	60.79 0.11 -10.39
HARDSCRABBLE_WT_PWR 323673	52.85 -0.06 0.00	46.67 0.23 0.00	33.00 0.30 0.00	32.62 0.49 0.00	31.89 0.37 0.00	38.52 0.19 0.00	44.87 -0.08 0.00	49.20 -0.24 0.00	51.95 -0.69 0.00	51.84 -0.96 0.00	53.56 -1.15 0.00	65.45 -1.24 0.00	70.16 -0.73 0.00	78.19 0.03 0.00	104.87 1.22 2.59	135.73 2.02 0.02	195.58 4.21 0.00	541.12 16.64 0.00	563.38 21.60 0.00	493.40 21.64 0.00	287.37 14.96 0.00	59.85 3.30 -0.20	50.13 2.27 0.00	51.67 1.37 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	54.59 1.68 0.00	48.24 1.80 0.00	34.09 1.40 0.00	33.63 1.49 0.00	32.85 1.34 0.00	39.60 1.28 0.00	46.18 1.23 0.00	51.03 1.59 0.00	54.38 1.74 0.00	55.15 2.04 -0.32	58.00 2.54 -0.74	71.92 3.32 -1.91	75.24 4.35 0.00	84.19 6.03 0.00	116.75 9.83 -0.68	198.12 13.19 -51.20	225.50 19.77 -14.37	630.69 56.08 -50.12	600.83 56.38 -2.67	515.82 44.06 0.00	297.15 24.74 0.00	61.33 4.97 0.00	51.47 3.61 0.00	52.92 2.62 0.00
HARSNRAD_115KV_TB1 81005	55.16 2.26 0.00	47.76 1.32 0.00	33.31 0.61 0.00	32.20 0.07 0.00	31.46 -0.06 0.00	38.66 0.33 0.00	45.36 0.41 0.00	49.59 0.15 0.00	53.65 1.01 0.00	54.02 1.23 0.00	56.11 1.39 0.00	68.90 2.21 0.00	73.73 2.85 0.00	80.90 2.74 0.00	112.22 5.98 0.00	142.40 8.67 0.00	198.10 6.73 0.00	540.24 15.76 0.00	558.87 17.09 0.00	489.56 17.80 0.00	284.67 12.27 0.00	58.56 2.21 0.00	49.87 2.01 0.00	52.94 2.64 0.00
HARZA MOOSE___RIVER 24016	55.40 2.48 -0.02	48.56 2.10 -0.02	34.10 1.41 0.00	33.43 1.30 0.00	32.80 1.28 0.00	39.99 1.67 0.00	47.03 2.08 0.00	51.58 2.15 0.00	54.64 2.00 0.00	54.48 1.69 0.00	56.19 1.47 0.00	68.27 1.58 0.00	72.45 1.56 0.00	79.73 1.57 0.00	84.63 1.97 23.58	135.70 2.10 0.13	194.73 3.35 0.00	534.36 9.87 0.00	557.65 15.87 0.00	491.05 19.29 0.00	281.78 9.37 0.00	57.63 1.63 0.36	49.29 1.42 0.00	54.25 1.08 -2.87
HDSNBRDG_115KV_BRDG_TB1 355580	52.89 -0.05 -0.03	46.31 -0.17 -0.04	32.58 -0.12 0.00	31.95 -0.18 0.00	31.27 -0.25 0.00	38.05 -0.27 0.00	44.58 -0.37 0.00	49.10 -0.34 0.00	52.36 -0.28 0.00	52.56 -0.23 0.00	54.53 -0.18 0.00	66.75 0.06 0.00	71.35 0.46 0.00	78.81 0.65 0.00	104.73 1.88 3.39	136.71 3.00 0.02	195.05 3.68 0.00	533.53 9.04 0.00	551.18 9.40 0.00	480.53 8.77 0.00	277.74 5.33 0.00	57.29 0.93 0.00	48.53 0.66 0.00	50.81 0.32 -0.19
HELLGATE_13_KV_LD 55870	55.08 2.17 0.00	49.07 2.63 0.00	34.73 2.03 0.00	34.18 2.04 0.00	33.44 1.92 0.00	40.26 1.93 0.00	46.96 2.01 0.00	51.96 2.52 0.00	55.29 2.65 0.00	55.82 2.67 -0.36	58.71 3.15 -0.85	72.76 3.89 -2.18	76.01 5.13 0.00	85.10 6.94 0.00	118.86 11.18 -1.45	229.36 14.46 -81.17	243.47 21.46 -30.64	688.95 60.05 -104.41	607.28 59.80 -5.70	519.08 47.31 0.00	295.37 26.28 3.32	55.86 5.33 5.83	51.02 3.98 0.82	52.86 2.96 0.40
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	55.08 2.17 0.00	49.07 2.63 0.00	34.73 2.03 0.00	34.18 2.04 0.00	33.44 1.92 0.00	40.26 1.93 0.00	46.96 2.01 0.00	51.96 2.52 0.00	55.29 2.65 0.00	55.82 2.67 -0.36	58.71 3.15 -0.85	72.76 3.89 -2.18	76.01 5.13 0.00	85.10 6.94 0.00	118.86 11.18 -1.45	229.36 14.46 -81.17	243.47 21.46 -30.64	688.95 60.05 -104.41	607.28 59.80 -5.70	519.08 47.31 0.00	295.37 26.28 3.32	55.86 5.33 5.83	51.02 3.98 0.82	52.86 2.96 0.40
HEMPSTEAD___ 23647	52.74 1.27 1.43	48.25 1.81 0.00	34.30 1.60 0.00	33.85 1.72 0.00	33.06 1.54 0.00	39.80 1.47 0.00	46.10 1.15 0.00	50.93 1.49 0.00	50.55 1.41 3.49	48.13 1.57 6.23	58.10 2.53 -0.85	71.59 2.71 -2.18	74.70 3.82 0.00	86.03 6.51 -1.36	166.38 11.09 -49.06	278.24 14.23 -130.28	308.08 21.71 -95.00	1223.68 62.56 -636.64	1228.88 62.43 -624.67	782.98 48.83 -262.39	399.98 27.23 -100.35	81.86 5.28 -20.22	74.31 3.84 -22.60	65.27 2.77 -12.21
HICKLING___1 23621	54.61 1.68 -0.02	47.58 1.12 -0.02	33.46 0.77 0.00	32.88 0.75 0.00	31.96 0.44 0.00	39.24 0.91 0.00	46.02 1.07 0.00	50.63 1.19 0.00	54.11 1.47 0.00	54.30 1.51 0.00	56.44 1.72 0.00	69.54 2.85 0.00	74.75 3.86 0.00	82.91 4.75 0.00	115.12 8.89 0.00	144.44 10.71 0.00	204.24 12.88 0.00	557.99 33.50 0.00	577.31 35.53 0.00	503.35 31.59 0.00	293.10 20.69 0.00	59.96 3.61 0.00	50.60 2.73 0.00	52.58 2.29 0.00
HICKLING___2 23622	54.61 1.68 -0.02	47.58 1.12 -0.02	33.46 0.77 0.00	32.88 0.75 0.00	31.96 0.44 0.00	39.24 0.91 0.00	46.02 1.07 0.00	50.63 1.19 0.00	54.11 1.47 0.00	54.30 1.51 0.00	56.44 1.72 0.00	69.54 2.85 0.00	74.75 3.86 0.00	82.91 4.75 0.00	115.12 8.89 0.00	144.44 10.71 0.00	204.24 12.88 0.00	557.99 33.50 0.00	577.31 35.53 0.00	503.35 31.59 0.00	293.10 20.69 0.00	59.96 3.61 0.00	50.60 2.73 0.00	52.58 2.29 0.00
HIGH FALLS___HY 23754	55.04 2.13 0.00	48.60 2.15 0.00	34.32 1.62 0.00	33.81 1.67 0.00	33.04 1.52 0.00	39.87 1.54 0.00	46.50 1.55 0.00	51.46 2.03 0.00	54.87 2.23 0.00	55.45 2.46 -0.20	58.13 2.95 -0.46	71.53 3.65 -1.19	75.60 4.72 0.00	84.53 6.37 0.00	116.76 10.48 -0.05	151.64 14.26 -3.66	213.90 21.50 -1.03	590.09 62.02 -3.58	605.57 63.60 -0.19	520.62 48.86 0.00	301.06 28.65 0.00	62.06 5.71 0.00	52.03 4.17 0.00	53.43 3.13 0.00
HIGH_RIVER___SOLAR 323847	54.78 1.88 0.00	48.22 1.78 0.00	33.98 1.29 0.00	33.39 1.26 0.00	32.74 1.22 0.00	39.68 1.36 0.00	46.39 1.44 0.00	50.78 1.34 0.00	53.51 0.87 0.00	52.92 0.36 0.23	54.34 0.17 0.54	65.58 0.29 1.40	71.52 0.63 0.00	79.20 1.04 0.00	108.03 1.86 0.06	131.69 2.53 4.57	194.95 4.86 1.28	537.57 17.56 4.47	565.45 23.91 0.24	497.53 25.77 0.00	288.84 16.43 0.00	59.75 3.39 0.00	50.50 2.63 0.00	52.60 2.31 0.00
HILLBURN___GT 23639	54.33 1.43 0.00	48.07 1.63 0.00	33.99 1.30 0.00	33.56 1.43 0.00	32.77 1.25 0.00	39.48 1.16 0.00	46.01 1.05 0.00	50.84 1.40 0.00	54.16 1.52 0.00	54.93 1.80 -0.33	57.79 2.30 -0.76	71.65 2.98 -1.97	74.89 4.00 0.00	83.88 5.72 0.00	116.45 9.42 -0.79	206.12 12.56 -59.83	226.87 18.71 -16.79	636.12 53.06 -58.57	597.53 52.63 -3.12	512.54 40.77 0.00	295.39 22.98 0.00	61.02 4.67 0.00	51.22 3.36 0.00	52.62 2.32 0.00
HILLSIDE_115KV_TB1 80332	53.54 0.62 -0.02	46.69 0.23 -0.03	32.86 0.16 0.00	32.34 0.21 0.00	31.41 -0.11 0.00	38.54 0.21 0.00	45.16 0.21 0.00	49.70 0.26 0.00	52.85 0.21 0.00	53.03 0.24 0.00	55.08 0.37 0.00	67.78 1.09 0.00	72.91 2.03 0.00	80.94 2.78 0.00	112.38 6.15 0.00	141.51 7.78 0.00	200.35 8.98 0.00	546.93 22.45 0.00	564.62 22.83 0.00	490.55 18.79 0.00	286.21 13.81 0.00	58.64 2.28 0.00	49.53 1.67 0.00	51.48 1.18 0.00

HISHELDN_WT_PWR 323625	55.26 2.35 0.00	47.94 1.50 0.00	33.53 0.83 0.00	32.58 0.45 0.00	31.75 0.23 0.00	39.01 0.68 0.00	45.82 0.87 0.00	50.06 0.62 0.00	53.83 1.19 0.00	54.08 1.29 0.00	56.17 1.46 0.00	69.20 2.51 0.00	74.21 3.32 0.00	81.81 3.65 0.00	113.63 7.39 0.00	143.87 10.14 0.00	201.37 10.00 0.00	549.60 25.11 0.00	569.90 28.12 0.00	499.08 27.32 0.00	290.52 18.11 0.00	59.48 3.12 0.00	50.34 2.48 0.00	52.93 2.64 0.00
HOLTSVILLE_IC_1 23690	50.45 0.60 3.06	47.85 1.40 0.00	34.15 1.45 0.00	33.76 1.62 0.00	32.94 1.42 0.00	39.65 1.33 0.00	45.77 0.82 0.00	50.48 1.04 0.00	45.92 0.77 7.49	39.88 0.87 13.78	57.84 2.28 -0.85	71.56 2.23 -2.63	73.30 3.19 0.78	84.36 6.06 -0.13	84.78 11.20 32.65	239.47 13.51 -92.23	184.96 20.45 26.86	550.70 58.86 32.65	532.86 57.39 66.31	439.05 43.06 75.77	312.57 25.89 -14.27	74.80 4.94 -13.50	48.65 3.66 2.88	49.01 2.62 3.91
HOLTSVILLE_IC_10 23699	50.79 0.93 3.04	48.11 1.67 0.00	34.33 1.63 0.00	33.92 1.79 0.00	33.10 1.58 0.00	39.86 1.54 0.00	46.02 1.07 0.00	50.79 1.35 0.00	46.35 1.14 7.43	40.41 1.28 13.66	58.32 2.75 -0.85	72.42 2.88 -2.85	73.79 3.91 1.01	85.22 6.90 -0.16	87.26 12.49 31.46	241.65 14.93 -92.99	193.82 22.12 19.68	563.13 61.95 23.30	543.51 59.82 58.09	443.18 44.95 73.52	315.77 28.85 -14.51	75.50 5.52 -13.62	49.57 4.11 2.40	49.78 3.09 3.61
HOLTSVILLE_IC_2 23691	50.45 0.60 3.06	47.85 1.40 0.00	34.15 1.45 0.00	33.76 1.62 0.00	32.94 1.42 0.00	39.65 1.33 0.00	45.77 0.82 0.00	50.48 1.04 0.00	45.92 0.77 7.49	39.88 0.87 13.78	57.84 2.28 -0.85	71.56 2.23 -2.63	73.30 3.19 0.78	84.36 6.06 -0.13	84.78 11.20 32.65	239.47 13.51 -92.23	184.96 20.45 26.86	550.70 58.86 32.65	532.86 57.39 66.31	439.05 43.06 75.77	312.57 25.89 -14.27	74.80 4.94 -13.50	48.65 3.66 2.88	49.01 2.62 3.91
HOLTSVILLE_IC_3 23692	50.45 0.60 3.06	47.85 1.40 0.00	34.15 1.45 0.00	33.76 1.62 0.00	32.94 1.42 0.00	39.65 1.33 0.00	45.77 0.82 0.00	50.48 1.04 0.00	45.92 0.77 7.49	39.88 0.87 13.78	57.84 2.28 -0.85	71.56 2.23 -2.63	73.30 3.19 0.78	84.36 6.06 -0.13	84.78 11.20 32.65	239.47 13.51 -92.23	184.96 20.45 26.86	550.70 58.86 32.65	532.86 57.39 66.31	439.05 43.06 75.77	312.57 25.89 -14.27	74.80 4.94 -13.50	48.65 3.66 2.88	49.01 2.62 3.91
HOLTSVILLE_IC_4 23693	50.45 0.60 3.06	47.85 1.40 0.00	34.15 1.45 0.00	33.76 1.62 0.00	32.94 1.42 0.00	39.65 1.33 0.00	45.77 0.82 0.00	50.48 1.04 0.00	45.92 0.77 7.49	39.88 0.87 13.78	57.84 2.28 -0.85	71.56 2.23 -2.63	73.30 3.19 0.78	84.36 6.06 -0.13	84.78 11.20 32.65	239.47 13.51 -92.23	184.96 20.45 26.86	550.70 58.86 32.65	532.86 57.39 66.31	439.05 43.06 75.77	312.57 25.89 -14.27	74.80 4.94 -13.50	48.65 3.66 2.88	49.01 2.62 3.91
HOLTSVILLE_IC_5 23694	50.45 0.60 3.06	47.85 1.40 0.00	34.15 1.45 0.00	33.76 1.62 0.00	32.94 1.42 0.00	39.65 1.33 0.00	45.77 0.82 0.00	50.48 1.04 0.00	45.92 0.77 7.49	39.88 0.87 13.78	57.84 2.28 -0.85	71.56 2.23 -2.63	73.30 3.19 0.78	84.36 6.06 -0.13	84.78 11.20 32.65	239.47 13.51 -92.23	184.96 20.45 26.86	550.70 58.86 32.65	532.86 57.39 66.31	439.05 43.06 75.77	312.57 25.89 -14.27	74.80 4.94 -13.50	48.65 3.66 2.88	49.01 2.62 3.91
HOLTSVILLE_IC_6 23695	50.79 0.93 3.04	48.11 1.67 0.00	34.33 1.63 0.00	33.92 1.79 0.00	33.10 1.58 0.00	39.86 1.54 0.00	46.02 1.07 0.00	50.79 1.35 0.00	46.35 1.14 7.43	40.41 1.28 13.66	58.32 2.75 -0.85	72.42 2.88 -2.85	73.79 3.91 1.01	85.22 6.90 -0.16	87.26 12.49 31.46	241.65 14.93 -92.99	193.82 22.12 19.68	563.13 61.95 23.30	543.51 59.82 58.09	443.18 44.95 73.52	315.77 28.85 -14.51	75.50 5.52 -13.62	49.57 4.11 2.40	49.78 3.09 3.61
HOLTSVILLE_IC_7 23696	50.79 0.93 3.04	48.11 1.67 0.00	34.33 1.63 0.00	33.92 1.79 0.00	33.10 1.58 0.00	39.86 1.54 0.00	46.02 1.07 0.00	50.79 1.35 0.00	46.35 1.14 7.43	40.41 1.28 13.66	58.32 2.75 -0.85	72.42 2.88 -2.85	73.79 3.91 1.01	85.22 6.90 -0.16	87.26 12.49 31.46	241.65 14.93 -92.99	193.82 22.12 19.68	563.13 61.95 23.30	543.51 59.82 58.09	443.18 44.95 73.52	315.77 28.85 -14.51	75.50 5.52 -13.62	49.57 4.11 2.40	49.78 3.09 3.61
HOLTSVILLE_IC_8 23697	50.79 0.93 3.04	48.11 1.67 0.00	34.33 1.63 0.00	33.92 1.79 0.00	33.10 1.58 0.00	39.86 1.54 0.00	46.02 1.07 0.00	50.79 1.35 0.00	46.35 1.14 7.43	40.41 1.28 13.66	58.32 2.75 -0.85	72.42 2.88 -2.85	73.79 3.91 1.01	85.22 6.90 -0.16	87.26 12.49 31.46	241.65 14.93 -92.99	193.82 22.12 19.68	563.13 61.95 23.30	543.51 59.82 58.09	443.18 44.95 73.52	315.77 28.85 -14.51	75.50 5.52 -13.62	49.57 4.11 2.40	49.78 3.09 3.61
HOLTSVILLE_IC_9 23698	50.79 0.93 3.04	48.11 1.67 0.00	34.33 1.63 0.00	33.92 1.79 0.00	33.10 1.58 0.00	39.86 1.54 0.00	46.02 1.07 0.00	50.79 1.35 0.00	46.35 1.14 7.43	40.41 1.28 13.66	58.32 2.75 -0.85	72.42 2.88 -2.85	73.79 3.91 1.01	85.22 6.90 -0.16	87.26 12.49 31.46	241.65 14.93 -92.99	193.82 22.12 19.68	563.13 61.95 23.30	543.51 59.82 58.09	443.18 44.95 73.52	315.77 28.85 -14.51	75.50 5.52 -13.62	49.57 4.11 2.40	49.78 3.09 3.61
HOMER_HL_115KV_TB2 355744	54.63 1.73 0.00	47.46 1.02 0.00	33.23 0.53 0.00	32.43 0.30 0.00	31.58 0.06 0.00	38.84 0.51 0.00	45.75 0.79 0.00	50.26 0.82 0.00	54.05 1.41 0.00	54.26 1.47 0.00	56.12 1.41 0.00	69.32 2.62 0.00	74.28 3.39 0.00	82.43 4.27 0.00	114.65 8.41 0.00	144.39 10.66 0.00	202.21 10.84 0.00	554.04 29.56 0.00	571.28 29.50 0.00	498.05 26.29 0.00	290.61 18.20 0.00	59.30 2.95 0.00	50.41 2.54 0.00	52.73 2.43 0.00
HOWARD_WT_PWR 323690	54.85 1.93 -0.02	48.02 1.56 -0.02	33.74 1.04 0.00	33.07 0.93 0.00	32.16 0.64 0.00	39.55 1.23 0.00	46.56 1.60 0.00	51.01 1.58 0.00	54.29 1.65 0.00	54.27 1.47 0.00	56.30 1.58 0.00	69.26 2.57 0.00	74.36 3.48 0.00	82.24 4.08 0.00	114.20 7.97 0.00	144.58 10.86 0.00	204.00 12.63 0.00	558.25 33.76 0.00	580.99 39.22 0.00	511.08 39.32 0.00	297.36 24.95 0.00	60.58 4.22 0.00	50.83 2.97 0.00	52.71 2.41 0.00
HQ_GEN_CEDARS 23644	53.61 0.70 0.00	46.87 0.42 0.00	32.88 0.18 0.00	32.20 0.06 0.00	31.73 0.21 0.00	38.84 0.52 0.00	46.03 1.08 0.00	50.43 0.99 0.00	53.49 0.85 0.00	53.60 0.81 0.00	55.20 0.48 0.00	66.81 0.12 0.00	70.35 -0.54 0.00	76.70 -1.46 0.00	-75.62 -4.89 176.96	123.91 -8.80 1.02	180.75 -10.62 0.00	494.37 -30.12 0.00	510.86 -30.92 0.00	447.77 -23.99 0.00	257.43 -14.98 0.00	50.22 -2.90 3.24	46.14 -1.73 0.00	68.66 -0.37 -18.73
HQ_GEN_CEDARS_PROXY 323590	57.53 0.70 -3.93	46.87 0.42 0.00	32.88 0.18 0.00	32.20 0.06 0.00	31.73 0.21 0.00	37.93 0.52 0.91	46.03 1.08 0.00	48.02 0.99 2.41	52.98 0.85 0.51	52.24 0.81 1.36	55.20 0.48 0.00	66.81 0.12 0.00	70.35 -0.53 0.00	76.70 -1.46 0.00	-75.61 -4.89 176.96	123.90 -8.80 1.02	180.76 -10.61 0.00	494.43 -30.06 0.00	386.53 -30.91 124.34	365.16 -23.95 82.66	244.37 -14.98 13.06	50.22 -2.90 3.24	44.47 -1.73 1.66	68.66 -0.37 -18.73

HQ_GEN_IMPORT 323601	53.06 0.16 0.00	46.43 -0.02 0.00	32.58 -0.12 0.00	31.96 -0.17 0.00	31.44 -0.08 0.00	38.15 0.11 0.28	46.26 0.38 -0.93	51.36 0.33 -1.59	56.77 0.34 -3.79	53.14 0.34 0.00	54.97 0.25 0.00	66.80 0.11 0.00	70.48 -0.40 0.00	77.15 -1.01 0.00	107.41 -2.68 -3.86	129.61 -4.15 -0.03	185.36 -6.01 0.00	488.40 -17.39 18.70	503.72 -17.57 20.49	457.42 -14.34 0.00	263.63 -8.78 0.00	60.14 -1.80 -5.58	34.89 -1.27 11.70	47.60 -0.60 2.10
HQ_GEN_WHEEL 23651	53.06 0.16 0.00	46.43 -0.02 0.00	32.58 -0.12 0.00	31.96 -0.17 0.00	31.44 -0.08 0.00	38.15 0.11 0.28	46.26 0.38 -0.93	51.36 0.33 -1.59	56.77 0.34 -3.79	53.14 0.34 0.00	54.97 0.25 0.00	66.80 0.11 0.00	70.48 -0.40 0.00	77.15 -1.01 0.00	107.41 -2.68 -3.86	129.61 -4.15 -0.03	185.36 -6.01 0.00	488.40 -17.39 18.70	503.72 -17.57 20.49	457.42 -14.34 0.00	263.63 -8.78 0.00	60.14 -1.80 -5.58	34.89 -1.27 11.70	47.60 -0.60 2.10
HUDSON AVE_GT_3 23810	54.83 1.92 0.00	48.72 2.28 0.00	34.48 1.78 0.00	33.98 1.85 0.00	33.22 1.70 0.00	40.00 1.67 0.00	46.65 1.70 0.00	51.62 2.18 0.00	54.92 2.27 0.00	55.64 2.48 -0.36	58.58 3.02 -0.85	72.67 3.80 -2.18	75.86 4.97 0.00	85.00 6.84 0.00	118.64 10.96 -1.44	256.92 14.23 -108.96	243.19 21.25 -30.57	691.17 60.01 -106.67	607.40 59.94 -5.69	519.01 47.25 0.00	298.75 26.34 0.00	61.69 5.33 0.00	51.79 3.93 0.00	53.18 2.89 0.00
HUDSON AVE_GT_4 23540	54.83 1.92 0.00	48.72 2.28 0.00	34.48 1.78 0.00	33.98 1.85 0.00	33.22 1.70 0.00	40.00 1.67 0.00	46.65 1.70 0.00	51.62 2.18 0.00	54.92 2.27 0.00	55.64 2.48 -0.36	58.58 3.02 -0.85	72.67 3.80 -2.18	75.86 4.97 0.00	85.00 6.84 0.00	118.64 10.96 -1.44	256.92 14.23 -108.96	243.19 21.25 -30.57	691.17 60.01 -106.67	607.40 59.94 -5.69	519.01 47.25 0.00	298.75 26.34 0.00	61.69 5.33 0.00	51.79 3.93 0.00	53.18 2.89 0.00
HUDSON AVE_GT_5 23657	54.83 1.92 0.00	48.72 2.28 0.00	34.48 1.78 0.00	33.98 1.85 0.00	33.22 1.70 0.00	40.00 1.67 0.00	46.65 1.70 0.00	51.62 2.18 0.00	54.92 2.27 0.00	55.64 2.48 -0.36	58.58 3.02 -0.85	72.67 3.80 -2.18	75.86 4.97 0.00	85.00 6.84 0.00	118.64 10.96 -1.44	256.92 14.23 -108.96	243.19 21.25 -30.57	691.17 60.01 -106.67	607.40 59.94 -5.69	519.01 47.25 0.00	298.75 26.34 0.00	61.69 5.33 0.00	51.79 3.93 0.00	53.18 2.89 0.00
HUDSON_AVE_10 24168	54.69 1.79 0.00	48.61 2.16 0.00	34.40 1.70 0.00	33.90 1.76 0.00	33.13 1.61 0.00	39.90 1.57 0.00	46.53 1.58 0.00	51.49 2.06 0.00	54.80 2.16 0.00	55.50 2.34 -0.36	58.37 2.81 -0.85	72.42 3.55 -2.18	75.61 4.73 0.00	84.73 6.51 -0.06	118.31 10.56 -1.52	258.32 13.82 -110.78	244.00 20.57 -32.07	697.24 58.22 -114.53	615.79 58.13 -15.89	524.53 45.60 -7.17	303.75 24.93 -6.42	61.38 5.02 0.00	51.66 3.79 0.00	53.03 2.73 0.00
HUDSON___115KV_TB 4 355613	53.33 0.43 0.00	47.07 0.63 0.00	33.30 0.60 0.00	32.92 0.79 0.00	32.27 0.75 0.00	38.85 0.52 0.00	45.29 0.34 0.00	49.71 0.27 0.00	52.50 -0.14 0.00	52.15 -0.45 0.19	53.72 -0.55 0.45	65.01 -0.53 1.15	70.62 -0.27 0.00	78.45 0.29 0.00	107.24 1.07 0.06	130.65 1.59 4.66	194.41 4.34 1.31	535.83 15.91 4.56	561.90 20.37 0.24	491.06 19.29 0.00	284.34 11.93 0.00	58.85 2.49 0.00	49.69 1.82 0.00	51.51 1.21 0.00
HUNTER MOUNT___DRP 323613	53.53 0.63 0.00	47.21 0.77 0.00	33.38 0.68 0.00	33.00 0.87 0.00	32.35 0.84 0.00	38.97 0.65 0.00	45.44 0.49 0.00	49.91 0.47 0.00	52.80 0.16 0.00	52.47 -0.21 0.12	54.14 -0.30 0.28	65.79 -0.18 0.72	70.93 0.04 0.00	78.77 0.62 0.00	107.62 1.44 0.05	131.92 1.87 3.68	195.74 5.40 1.03	539.24 18.36 3.60	565.07 23.48 0.19	494.04 22.28 0.00	285.94 13.54 0.00	59.14 2.78 0.00	49.91 2.04 0.00	51.77 1.47 0.00
HUNTINGTON_RES_REC 323705	50.58 0.70 3.03	47.94 1.50 0.00	34.22 1.52 0.00	33.82 1.69 0.00	33.00 1.48 0.00	39.72 1.40 0.00	45.83 0.88 0.00	50.48 1.04 0.00	45.92 0.68 7.40	39.99 0.81 13.62	57.87 2.31 -0.85	70.74 2.22 -1.82	71.17 3.21 2.93	84.49 6.17 -0.16	87.15 11.59 30.68	238.33 13.99 -90.62	245.88 21.49 -33.01	567.95 62.29 18.83	537.22 60.86 65.42	426.92 46.21 91.06	304.85 26.59 -5.85	75.02 5.03 -13.63	49.08 3.62 2.40	49.30 2.61 3.60
HUNTLEY___63 23557	56.00 3.10 0.00	48.42 1.98 0.00	33.76 1.06 0.00	32.63 0.50 0.00	31.86 0.34 0.00	39.14 0.82 0.00	46.01 1.05 0.00	50.32 0.88 0.00	54.53 1.88 0.00	54.89 2.10 0.00	57.07 2.35 0.00	70.34 3.65 0.00	75.37 4.48 0.00	82.83 4.67 0.00	114.80 8.56 0.00	145.50 11.77 0.00	202.70 11.33 0.00	553.27 28.78 0.00	571.82 30.04 0.00	499.36 27.60 0.00	290.21 17.80 0.00	59.57 3.21 0.00	50.67 2.81 0.00	53.61 3.32 0.00
HUNTLEY___64 23558	56.00 3.10 0.00	48.42 1.98 0.00	33.76 1.06 0.00	32.63 0.50 0.00	31.86 0.34 0.00	39.14 0.82 0.00	46.01 1.05 0.00	50.32 0.88 0.00	54.53 1.88 0.00	54.89 2.10 0.00	57.07 2.35 0.00	70.34 3.65 0.00	75.37 4.48 0.00	82.83 4.67 0.00	114.80 8.56 0.00	145.50 11.77 0.00	202.70 11.33 0.00	553.27 28.78 0.00	571.82 30.04 0.00	499.36 27.60 0.00	290.21 17.80 0.00	59.57 3.21 0.00	50.67 2.81 0.00	53.61 3.32 0.00
HUNTLEY___65 23559	56.00 3.10 0.00	48.42 1.98 0.00	33.76 1.06 0.00	32.63 0.50 0.00	31.86 0.34 0.00	39.14 0.82 0.00	46.01 1.05 0.00	50.32 0.88 0.00	54.53 1.88 0.00	54.89 2.10 0.00	57.07 2.35 0.00	70.34 3.65 0.00	75.37 4.48 0.00	82.83 4.67 0.00	114.80 8.56 0.00	145.50 11.77 0.00	202.70 11.33 0.00	553.27 28.78 0.00	571.82 30.04 0.00	499.36 27.60 0.00	290.21 17.80 0.00	59.57 3.21 0.00	50.67 2.81 0.00	53.61 3.32 0.00
HUNTLEY___66 23560	56.00 3.10 0.00	48.42 1.98 0.00	33.76 1.06 0.00	32.63 0.50 0.00	31.86 0.34 0.00	39.14 0.82 0.00	46.01 1.05 0.00	50.32 0.88 0.00	54.53 1.88 0.00	54.89 2.10 0.00	57.07 2.35 0.00	70.34 3.65 0.00	75.37 4.48 0.00	82.83 4.67 0.00	114.80 8.56 0.00	145.50 11.77 0.00	202.70 11.33 0.00	553.27 28.78 0.00	571.82 30.04 0.00	499.36 27.60 0.00	290.21 17.80 0.00	59.57 3.21 0.00	50.67 2.81 0.00	53.61 3.32 0.00
HUNTLEY___67 23561	55.38 2.48 0.00	47.95 1.51 0.00	33.46 0.76 0.00	32.38 0.24 0.00	31.59 0.07 0.00	38.79 0.46 0.00	45.58 0.63 0.00	49.85 0.41 0.00	53.94 1.29 0.00	54.33 1.54 0.00	56.50 1.78 0.00	69.60 2.91 0.00	74.59 3.70 0.00	82.15 3.99 0.00	113.98 7.74 0.00	144.34 10.62 0.00	201.36 9.99 0.00	548.86 24.37 0.00	567.04 25.26 0.00	495.77 24.01 0.00	288.38 15.97 0.00	59.22 2.86 0.00	50.30 2.43 0.00	53.20 2.90 0.00
HUNTLEY___68 23562	55.38 2.48 0.00	47.95 1.51 0.00	33.46 0.76 0.00	32.38 0.24 0.00	31.59 0.07 0.00	38.79 0.46 0.00	45.58 0.63 0.00	49.85 0.41 0.00	53.94 1.29 0.00	54.33 1.54 0.00	56.50 1.78 0.00	69.60 2.91 0.00	74.59 3.70 0.00	82.15 3.99 0.00	113.98 7.74 0.00	144.34 10.62 0.00	201.36 9.99 0.00	548.86 24.37 0.00	567.04 25.26 0.00	495.77 24.01 0.00	288.38 15.97 0.00	59.22 2.86 0.00	50.30 2.43 0.00	53.20 2.90 0.00

HYLAND___LFGE 323620	56.77 3.87 0.00	49.25 2.81 0.00	34.42 1.72 0.00	33.54 1.41 0.00	32.72 1.20 0.00	40.18 1.85 0.00	47.43 2.48 0.00	51.89 2.45 0.00	54.94 2.30 0.00	54.49 1.70 0.00	56.14 1.42 0.00	67.68 0.99 0.00	70.53 -0.36 0.00	75.50 -2.66 0.00	105.21 -1.02 0.00	136.20 2.47 0.00	192.45 1.08 0.00	526.49 2.00 0.00	547.93 6.15 0.00	495.80 24.03 0.00	289.02 16.62 0.00	60.77 4.41 0.00	53.93 6.07 0.00	55.01 4.71 0.00
INDECK___CORINTH 23802	54.73 1.83 0.00	48.30 1.86 0.00	34.18 1.49 0.00	33.64 1.50 0.00	33.02 1.50 0.00	39.88 1.56 0.00	46.38 1.43 0.00	51.09 1.65 0.00	54.30 1.66 0.00	53.78 1.30 0.31	54.98 0.99 0.73	66.32 1.50 1.88	73.03 2.14 0.00	81.22 3.06 0.00	111.10 4.93 0.07	135.33 6.77 5.16	201.15 11.23 1.45	553.41 33.98 5.05	579.09 37.59 0.27	503.57 31.80 0.00	291.80 19.39 0.00	60.82 4.47 0.00	51.16 3.30 0.00	53.18 2.88 0.00
INDECK___ILION 23567	52.93 0.03 0.00	46.64 0.20 0.00	32.93 0.23 0.00	32.46 0.33 0.00	31.78 0.26 0.00	38.47 0.15 0.00	44.93 -0.02 0.00	49.34 -0.09 0.00	52.32 -0.32 0.00	52.32 -0.47 0.00	54.15 -0.56 0.00	66.13 -0.57 0.00	70.68 -0.21 0.00	78.44 0.28 0.00	104.81 1.16 2.59	135.53 1.82 0.02	194.84 3.47 0.00	536.85 12.36 0.00	557.01 15.23 0.00	486.19 14.43 0.00	282.17 9.76 0.00	58.66 2.10 -0.20	49.34 1.47 0.00	51.18 0.88 0.00
INDECK___OLEAN 23982	54.64 1.73 0.00	47.46 1.02 0.00	33.23 0.53 0.00	32.43 0.30 0.00	31.58 0.06 0.00	38.84 0.51 0.00	45.74 0.79 0.00	50.25 0.81 0.00	54.06 1.42 0.00	54.26 1.47 0.00	56.12 1.41 0.00	69.33 2.64 0.00	74.27 3.38 0.00	82.44 4.28 0.00	114.68 8.44 0.00	144.41 10.69 0.00	202.15 10.78 0.00	553.60 29.11 0.00	571.32 29.53 0.00	498.11 26.35 0.00	290.60 18.19 0.00	59.31 2.95 0.00	50.41 2.54 0.00	52.72 2.43 0.00
INDECK___OSWEGO 23783	52.49 -0.56 -0.14	46.02 -0.59 -0.17	32.28 -0.41 0.00	31.68 -0.45 0.00	31.03 -0.49 0.00	37.73 -0.59 0.00	44.15 -0.80 0.00	48.35 -1.09 0.00	51.36 -1.28 0.00	51.42 -1.37 0.00	53.24 -1.48 0.00	65.01 -1.69 0.00	69.26 -1.63 0.00	76.48 -1.68 0.00	99.22 -1.60 5.41	132.24 -1.46 0.03	188.80 -2.57 0.00	516.14 -8.35 0.00	533.30 -8.48 0.00	465.55 -6.21 0.00	268.91 -3.50 0.00	55.63 -0.73 0.00	47.25 -0.62 0.00	49.95 -0.99 -0.64
INDECK___YERKES 23781	56.06 3.16 0.00	48.49 2.05 0.00	33.79 1.10 0.00	32.67 0.53 0.00	31.90 0.38 0.00	39.19 0.86 0.00	46.06 1.11 0.00	50.38 0.95 0.00	54.61 1.97 0.00	54.94 2.15 0.00	57.09 2.38 0.00	70.35 3.66 0.00	75.39 4.50 0.00	82.86 4.70 0.00	114.89 8.66 0.00	145.59 11.86 0.00	202.76 11.39 0.00	553.08 28.60 0.00	572.18 30.40 0.00	499.55 27.79 0.00	290.33 17.92 0.00	59.60 3.24 0.00	50.68 2.82 0.00	53.62 3.32 0.00
INDIAN POINT_GT_1 24139	54.23 1.32 0.00	48.05 1.61 0.00	34.00 1.30 0.00	33.56 1.42 0.00	32.79 1.27 0.00	39.50 1.18 0.00	46.02 1.07 0.00	50.84 1.41 0.00	54.12 1.48 0.00	54.84 1.69 -0.36	57.72 2.17 -0.83	71.59 2.75 -2.14	74.65 3.76 0.00	83.56 5.40 0.00	116.36 8.94 -1.18	234.90 11.83 -89.34	234.20 17.76 -25.07	662.44 50.48 -87.46	596.76 50.32 -4.66	510.80 39.03 0.00	294.60 22.19 0.00	60.86 4.51 0.00	51.13 3.26 0.00	52.56 2.26 0.00
INDIAN POINT_GT_2 23659	54.23 1.32 0.00	48.05 1.61 0.00	34.00 1.30 0.00	33.56 1.42 0.00	32.79 1.27 0.00	39.50 1.18 0.00	46.02 1.07 0.00	50.84 1.41 0.00	54.12 1.48 0.00	54.84 1.69 -0.36	57.72 2.17 -0.83	71.59 2.75 -2.14	74.65 3.76 0.00	83.56 5.40 0.00	116.36 8.94 -1.18	234.90 11.83 -89.34	234.20 17.76 -25.07	662.44 50.48 -87.46	596.76 50.32 -4.66	510.80 39.03 0.00	294.60 22.19 0.00	60.86 4.51 0.00	51.13 3.26 0.00	52.56 2.26 0.00
INDIAN POINT_GT_3 24019	54.23 1.32 0.00	48.05 1.61 0.00	34.00 1.30 0.00	33.56 1.42 0.00	32.79 1.27 0.00	39.50 1.18 0.00	46.02 1.07 0.00	50.84 1.41 0.00	54.12 1.48 0.00	54.84 1.69 -0.36	57.72 2.17 -0.83	71.59 2.75 -2.14	74.65 3.76 0.00	83.56 5.40 0.00	116.36 8.94 -1.18	234.90 11.83 -89.34	234.20 17.76 -25.07	662.44 50.48 -87.46	596.76 50.32 -4.66	510.80 39.03 0.00	294.60 22.19 0.00	60.86 4.51 0.00	51.13 3.26 0.00	52.56 2.26 0.00
INDIAN POINT___2 23530	54.18 1.28 0.00	47.99 1.55 0.00	33.96 1.26 0.00	33.52 1.39 0.00	32.75 1.24 0.00	39.44 1.12 0.00	45.96 1.01 0.00	50.78 1.35 0.00	54.06 1.42 0.00	54.78 1.64 -0.35	57.64 2.11 -0.81	71.45 2.68 -2.08	74.57 3.68 0.00	83.48 5.32 0.00	116.13 8.82 -1.08	226.71 11.71 -81.28	231.73 17.55 -22.80	654.03 49.98 -79.57	595.62 49.60 -4.24	510.10 38.34 0.00	294.11 21.70 0.00	60.79 4.43 0.00	51.05 3.19 0.00	52.48 2.18 0.00
INDIAN POINT___3 23531	54.10 1.20 0.00	47.94 1.50 0.00	33.93 1.24 0.00	33.50 1.36 0.00	32.74 1.22 0.00	39.42 1.09 0.00	45.92 0.97 0.00	50.73 1.30 0.00	54.01 1.37 0.00	54.73 1.58 -0.36	57.57 2.02 -0.83	71.43 2.59 -2.15	74.44 3.56 0.00	83.33 5.17 0.00	116.01 8.61 -1.16	232.87 11.38 -87.77	233.17 17.17 -24.63	659.19 48.78 -85.92	594.88 48.52 -4.58	509.21 37.45 0.00	293.72 21.32 0.00	60.69 4.33 0.00	50.99 3.13 0.00	52.42 2.13 0.00
INGHAM_C_115KV_TB7 356103	52.66 -0.25 0.00	46.56 0.11 0.00	32.95 0.25 0.00	32.63 0.50 0.00	31.89 0.37 0.00	38.45 0.12 0.00	44.70 -0.25 0.00	48.94 -0.49 0.00	51.54 -1.10 0.00	51.35 -1.44 0.00	53.00 -1.72 0.00	64.79 -1.90 0.00	69.65 -1.24 0.00	77.80 -0.36 0.00	104.54 0.90 2.59	135.41 1.70 0.02	195.52 4.15 0.00	542.35 17.86 0.00	566.24 24.46 0.00	496.32 24.56 0.00	289.79 17.38 0.00	60.41 3.86 -0.20	50.52 2.65 0.00	51.89 1.59 0.00
IP CORINTH___1 23988	55.06 2.15 0.00	48.58 2.14 0.00	34.36 1.66 0.00	33.81 1.67 0.00	33.18 1.67 0.00	40.09 1.76 0.00	46.65 1.70 0.00	51.38 1.95 0.00	54.61 1.97 0.00	54.09 1.61 0.31	55.31 1.32 0.73	66.72 1.90 1.88	73.45 2.56 0.00	81.69 3.53 0.00	111.74 5.58 0.07	136.14 7.58 5.16	202.30 12.38 1.45	556.63 37.19 5.05	582.34 40.83 0.27	506.41 34.64 0.00	293.49 21.08 0.00	61.16 4.80 0.00	51.44 3.58 0.00	53.48 3.18 0.00
IP___TICONDEROGA 23804	58.79 5.88 0.00	51.91 5.47 0.00	36.67 3.98 0.00	35.95 3.82 0.00	35.36 3.84 0.00	42.73 4.41 0.00	49.63 4.68 0.00	54.41 4.97 0.00	57.47 4.83 0.00	56.61 4.14 0.32	58.19 4.22 0.75	70.33 5.56 1.92	77.86 6.97 0.00	86.71 8.55 0.00	118.28 12.12 0.07	144.41 15.88 5.19	212.17 22.25 1.46	583.87 64.47 5.09	611.03 69.52 0.27	532.59 60.83 0.00	312.65 40.24 0.00	65.17 8.81 0.00	54.89 7.02 0.00	56.97 6.67 0.00
ISLIP_RES_REC 323679	51.14 1.26 3.02	48.36 1.92 0.00	34.51 1.81 0.00	34.10 1.97 0.00	33.26 1.74 0.00	40.06 1.74 0.00	46.29 1.33 0.00	51.11 1.67 0.00	46.81 1.55 7.38	40.93 1.72 13.58	58.82 3.26 -0.85	73.39 3.60 -3.10	74.63 4.74 0.99	86.17 7.83 -0.17	89.38 13.85 30.71	243.97 16.67 -93.58	196.19 24.70 19.88	576.26 69.19 17.42	557.13 67.22 51.87	452.46 51.08 70.38	319.78 32.02 -15.36	76.19 6.12 -13.71	50.35 4.56 2.07	50.43 3.53 3.40

JAMAICA__27_KV_LOAD 355505	55.25 2.34 0.00	49.08 2.64 0.00	34.71 2.01 0.00	34.19 2.05 0.00	33.41 1.89 0.00	40.23 1.91 0.00	46.94 1.99 0.00	51.96 2.52 0.00	55.33 2.69 0.00	56.01 2.85 -0.36	58.80 3.23 -0.85	72.97 4.10 -2.18	76.29 5.40 0.00	85.41 7.16 -0.08	119.32 11.54 -1.54	260.24 15.28 -111.23	246.39 22.58 -32.44	704.85 63.90 -116.47	623.94 63.77 -18.39	531.40 50.71 -8.93	307.70 27.44 -7.86	61.97 5.61 0.00	52.26 4.40 0.00	53.59 3.30 0.00
JANIS__SOLAR 323808	56.06 3.13 -0.03	49.02 2.55 -0.04	34.43 1.74 0.00	33.71 1.58 0.00	32.85 1.33 0.00	40.22 1.89 0.00	47.30 2.35 0.00	52.06 2.62 0.00	55.10 2.46 0.00	54.80 2.01 0.00	56.61 1.89 0.00	69.25 2.56 0.00	74.28 3.39 0.00	82.36 4.20 0.00	112.97 6.74 0.00	142.63 8.90 0.00	203.93 12.56 0.00	561.06 36.58 0.00	586.74 44.96 0.00	517.76 46.00 0.00	301.17 28.76 0.00	61.88 5.52 0.00	52.04 4.18 0.00	54.06 3.76 0.00
JARVIS____ 23743	52.90 0.00 0.00	46.52 0.08 0.00	32.79 0.10 0.00	32.26 0.13 0.00	31.62 0.10 0.00	38.36 0.04 0.00	44.91 -0.05 0.00	49.42 -0.02 0.00	52.59 -0.05 0.00	52.73 -0.06 0.00	54.66 -0.06 0.00	66.64 -0.05 0.00	70.98 0.09 0.00	78.48 0.32 0.00	104.46 0.81 2.59	134.91 1.20 0.02	193.25 1.88 0.00	530.18 5.69 0.00	547.75 5.97 0.00	476.77 5.01 0.00	275.41 3.00 0.00	57.19 0.63 -0.20	48.33 0.46 0.00	50.51 0.21 0.00
JENNISON____1 23625	55.72 2.79 -0.02	48.92 2.45 -0.03	34.43 1.73 0.00	33.69 1.55 0.00	32.50 0.98 0.00	39.91 1.58 0.00	46.88 1.93 0.00	51.95 2.52 0.00	55.38 2.74 0.00	55.54 2.75 0.00	57.58 2.86 0.00	70.52 3.83 0.00	75.67 4.78 0.00	83.96 5.80 0.00	115.34 9.11 0.00	145.50 11.77 0.00	207.94 16.57 0.00	571.42 46.93 0.00	593.14 51.36 0.00	518.17 46.41 0.00	300.57 28.16 0.00	61.77 5.41 0.00	51.99 4.13 0.00	53.93 3.64 0.00
JENNISON____2 23626	55.72 2.79 -0.02	48.92 2.45 -0.03	34.43 1.73 0.00	33.69 1.55 0.00	32.50 0.98 0.00	39.91 1.58 0.00	46.88 1.93 0.00	51.95 2.52 0.00	55.38 2.74 0.00	55.54 2.75 0.00	57.58 2.86 0.00	70.52 3.83 0.00	75.67 4.78 0.00	83.96 5.80 0.00	115.34 9.11 0.00	145.50 11.77 0.00	207.94 16.57 0.00	571.42 46.93 0.00	593.14 51.36 0.00	518.17 46.41 0.00	300.57 28.16 0.00	61.77 5.41 0.00	51.99 4.13 0.00	53.93 3.64 0.00
JERICOHO_RISE_WT_PWR 323719	53.01 0.11 0.00	46.44 0.00 0.00	32.58 -0.11 0.00	32.02 -0.12 0.00	31.59 0.07 0.00	38.63 0.31 0.00	45.67 0.72 0.00	50.00 0.56 0.00	53.08 0.44 0.00	53.28 0.49 0.00	54.99 0.27 0.00	66.85 0.16 0.00	70.67 -0.21 0.00	77.25 -0.91 0.00	91.35 -3.22 11.67	129.20 -4.46 0.07	182.87 -8.50 0.00	498.18 -26.30 0.00	515.38 -26.40 0.00	449.84 -21.93 0.00	258.42 -13.99 0.00	49.63 -3.35 3.38	44.91 -2.96 0.00	47.09 -1.98 1.23
KATONAH__115KV_46KV_TB4 355592	54.39 1.49 0.00	48.19 1.75 0.00	34.10 1.41 0.00	33.64 1.51 0.00	32.90 1.38 0.00	39.62 1.29 0.00	46.18 1.23 0.00	51.07 1.63 0.00	54.38 1.74 0.00	55.11 1.95 -0.37	58.02 2.44 -0.85	72.03 3.13 -2.20	75.09 4.20 0.00	84.04 5.88 0.00	115.68 9.63 0.19	131.93 12.76 14.56	206.37 19.08 4.08	564.70 54.46 14.25	595.18 54.16 0.76	513.66 41.89 0.00	296.28 23.88 0.00	61.18 4.82 0.00	51.38 3.51 0.00	52.83 2.53 0.00
KCE_NY_1 323755	54.78 1.88 0.00	48.29 1.85 0.00	34.09 1.39 0.00	33.61 1.48 0.00	32.97 1.45 0.00	39.86 1.53 0.00	46.48 1.53 0.00	51.14 1.70 0.00	54.34 1.70 0.00	54.00 1.54 0.33	55.40 1.45 0.77	66.61 1.90 1.99	73.37 2.48 0.00	81.61 3.45 0.00	111.68 5.51 0.07	135.98 7.49 5.24	201.89 11.99 1.47	555.43 36.07 5.13	580.65 39.15 0.27	505.33 33.57 0.00	292.49 20.08 0.00	60.66 4.30 0.00	51.12 3.25 0.00	53.08 2.79 0.00
KCE_NY_6_ESR 323823	56.00 3.10 0.00	48.45 2.01 0.00	33.82 1.12 0.00	32.78 0.64 0.00	31.91 0.39 0.00	39.27 0.94 0.00	46.14 1.19 0.00	50.46 1.02 0.00	54.62 1.98 0.00	55.02 2.23 0.00	57.16 2.44 0.00	70.56 3.86 0.00	75.67 4.78 0.00	83.41 5.25 0.00	115.94 9.71 0.00	146.77 13.04 0.00	205.04 13.67 0.00	559.39 34.90 0.00	578.29 36.51 0.00	504.54 32.78 0.00	293.76 21.35 0.00	60.16 3.80 0.00	51.02 3.15 0.00	53.81 3.51 0.00
KEDC_PORT_JEFF_GT2 24210	50.65 0.79 3.05	47.99 1.55 0.00	34.25 1.55 0.00	33.85 1.72 0.00	33.03 1.51 0.00	39.76 1.43 0.00	45.89 0.94 0.00	50.64 1.20 0.00	46.16 0.97 7.45	40.04 0.95 13.70	57.96 2.40 -0.85	71.73 2.37 -2.66	72.91 3.15 1.12	84.17 5.86 -0.15	85.49 11.11 31.85	239.56 13.21 -92.63	195.01 20.36 16.73	556.53 58.30 26.25	534.90 54.96 61.84	436.32 40.70 76.14	310.70 24.62 -13.68	74.68 4.74 -13.58	48.88 3.60 2.59	49.42 2.85 3.72
KEDC_PORT_JEFF_GT3 24211	50.65 0.79 3.05	47.99 1.55 0.00	34.25 1.55 0.00	33.85 1.72 0.00	33.03 1.51 0.00	39.76 1.43 0.00	45.89 0.94 0.00	50.64 1.20 0.00	46.16 0.97 7.45	40.04 0.95 13.70	57.96 2.40 -0.85	71.73 2.37 -2.66	72.91 3.15 1.12	84.17 5.86 -0.15	85.49 11.11 31.85	239.56 13.21 -92.63	195.01 20.36 16.73	556.53 58.30 26.25	534.90 54.96 61.84	436.32 40.70 76.14	310.70 24.62 -13.68	74.68 4.74 -13.58	48.88 3.60 2.59	49.42 2.85 3.72
KEDC_GLWD_GT4 24219	53.72 1.75 0.94	48.60 2.16 0.00	34.46 1.77 0.00	34.00 1.87 0.00	33.21 1.70 0.00	40.00 1.68 0.00	46.47 1.51 0.00	51.36 1.92 0.00	52.30 1.95 2.29	50.98 2.15 3.96	58.62 3.05 -0.85	72.26 3.39 -2.18	75.20 4.31 0.00	86.19 6.73 -1.30	222.25 11.22 -104.80	305.51 14.51 -157.27	406.22 21.91 -192.94	1736.72 62.69 -1149.54	1740.93 62.43 -1136.72	1028.84 48.83 -508.25	449.47 27.14 -149.93	81.50 5.33 -19.81	70.06 3.87 -18.33	62.58 2.82 -9.46
KEDC_GLWD_GT5 24220	53.72 1.75 0.94	48.60 2.16 0.00	34.46 1.77 0.00	34.00 1.87 0.00	33.21 1.70 0.00	40.00 1.68 0.00	46.47 1.51 0.00	51.36 1.92 0.00	52.30 1.95 2.29	50.98 2.15 3.96	58.62 3.05 -0.85	72.26 3.39 -2.18	75.20 4.31 0.00	86.19 6.73 -1.30	222.25 11.22 -104.80	305.51 14.51 -157.27	406.22 21.91 -192.94	1736.72 62.69 -1149.54	1740.93 62.43 -1136.72	1028.84 48.83 -508.25	449.47 27.14 -149.93	81.50 5.33 -19.81	70.06 3.87 -18.33	62.58 2.82 -9.46
KENSICO____ 23655	54.36 1.46 0.00	48.21 1.77 0.00	34.12 1.43 0.00	33.67 1.53 0.00	32.91 1.39 0.00	39.63 1.30 0.00	46.18 1.23 0.00	51.04 1.60 0.00	54.33 1.69 0.00	55.04 1.88 -0.36	57.95 2.39 -0.85	71.88 3.01 -2.18	74.93 4.05 0.00	83.90 5.74 0.00	116.97 9.40 -1.34	247.13 12.37 -101.04	238.25 18.53 -28.35	676.15 52.76 -98.91	599.54 52.49 -5.27	512.64 40.87 0.00	295.55 23.15 0.00	61.06 4.70 0.00	51.29 3.43 0.00	52.73 2.43 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	54.89 1.98 0.00	48.46 2.01 0.00	34.22 1.52 0.00	33.72 1.59 0.00	32.95 1.43 0.00	39.76 1.44 0.00	46.38 1.43 0.00	51.30 1.87 0.00	54.66 2.02 0.00	55.22 2.21 -0.22	57.87 2.64 -0.52	71.30 3.28 -1.33	75.19 4.30 0.00	84.04 5.88 0.00	116.06 9.73 -0.10	154.51 13.24 -7.55	213.61 20.12 -2.12	590.22 58.35 -7.39	602.35 60.17 -0.39	518.13 46.37 0.00	299.68 27.27 0.00	61.79 5.43 0.00	51.82 3.96 0.00	53.27 2.97 0.00

KIAC_JFK_GT1 23816	54.83 1.92 0.00	48.74 2.30 0.00	34.48 1.78 0.00	33.96 1.83 0.00	33.19 1.67 0.00	39.96 1.64 0.00	46.63 1.67 0.00	51.61 2.17 0.00	54.96 2.32 0.00	55.63 2.47 -0.36	58.32 2.76 -0.85	72.24 3.36 -2.18	75.48 4.60 0.00	84.49 6.25 -0.08	117.99 10.21 -1.54	258.52 13.56 -111.23	243.97 20.16 -32.44	698.13 57.17 -116.47	616.94 56.77 -18.39	525.22 44.53 -8.93	304.12 23.85 -7.86	61.26 4.90 0.00	51.68 3.82 0.00	53.02 2.72 0.00
KIAC_JFK_GT2 23817	54.83 1.92 0.00	48.74 2.30 0.00	34.48 1.78 0.00	33.96 1.83 0.00	33.19 1.67 0.00	39.96 1.64 0.00	46.63 1.67 0.00	51.61 2.17 0.00	54.96 2.32 0.00	55.63 2.47 -0.36	58.32 2.76 -0.85	72.24 3.36 -2.18	75.48 4.60 0.00	84.49 6.25 -0.08	117.99 10.21 -1.54	258.52 13.56 -111.23	243.97 20.16 -32.44	698.13 57.17 -116.47	616.94 56.77 -18.39	525.22 44.53 -8.93	304.12 23.85 -7.86	61.26 4.90 0.00	51.68 3.82 0.00	53.02 2.72 0.00
KIAC_JFK____ 323774	54.83 1.92 0.00	48.74 2.30 0.00	34.48 1.78 0.00	33.96 1.83 0.00	33.19 1.67 0.00	39.96 1.64 0.00	46.62 1.67 0.00	51.61 2.17 0.00	54.95 2.31 0.00	55.63 2.47 -0.36	58.33 2.77 -0.85	72.24 3.36 -2.18	75.48 4.60 0.00	84.48 6.24 -0.08	118.01 10.23 -1.54	258.56 13.60 -111.23	243.97 20.16 -32.44	698.26 57.31 -116.47	616.95 56.78 -18.39	525.27 44.59 -8.93	304.12 23.84 -7.86	61.25 4.89 0.00	51.68 3.82 0.00	53.02 2.72 0.00
KINTIGH__24_KV_GSU 356498	55.00 2.09 0.00	47.72 1.28 0.00	33.33 0.63 0.00	32.32 0.19 0.00	31.57 0.05 0.00	38.68 0.36 0.00	45.46 0.51 0.00	49.77 0.33 0.00	53.74 1.10 0.00	54.08 1.29 0.00	56.22 1.50 0.00	69.16 2.46 0.00	74.03 3.14 0.00	81.62 3.46 0.00	113.04 6.81 0.00	143.08 9.35 0.00	198.72 7.34 0.00	541.04 16.55 0.00	559.63 17.85 0.00	489.31 17.55 0.00	285.31 12.90 0.00	58.92 2.56 0.00	50.03 2.16 0.00	52.83 2.53 0.00
KINTIGH____ 23543	54.95 2.05 0.00	47.68 1.24 0.00	33.31 0.61 0.00	32.29 0.16 0.00	31.54 0.02 0.00	38.65 0.32 0.00	45.41 0.46 0.00	49.72 0.28 0.00	53.68 1.04 0.00	54.04 1.24 0.00	56.17 1.45 0.00	69.11 2.41 0.00	73.98 3.09 0.00	81.56 3.40 0.00	112.91 6.68 0.00	142.94 9.21 0.00	198.90 7.53 0.00	541.96 17.47 0.00	560.13 18.35 0.00	489.88 18.11 0.00	285.22 12.82 0.00	58.88 2.52 0.00	49.99 2.13 0.00	52.79 2.49 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	53.63 0.73 0.00	47.11 0.67 0.00	33.06 0.36 0.00	32.47 0.34 0.00	32.01 0.49 0.00	39.09 0.77 0.00	46.22 1.27 0.00	50.51 1.08 0.00	53.38 0.74 0.00	53.67 0.88 0.00	55.39 0.67 0.00	67.40 0.70 0.00	71.62 0.73 0.00	78.40 0.24 0.00	102.21 -1.51 2.52	132.84 -0.87 0.02	185.84 -5.53 0.00	505.74 -18.75 0.00	523.95 -17.82 0.00	458.22 -13.54 0.00	263.78 -8.63 0.00	50.57 -2.36 3.44	45.55 -2.32 0.00	47.48 -1.43 1.39
LACHUTE____HYDRO 323717	58.79 5.88 0.00	51.90 5.46 0.00	36.67 3.98 0.00	35.95 3.81 0.00	35.36 3.84 0.00	42.73 4.40 0.00	49.63 4.68 0.00	54.41 4.97 0.00	57.47 4.83 0.00	56.61 4.14 0.32	58.19 4.22 0.75	70.33 5.56 1.92	77.86 6.97 0.00	86.71 8.55 0.00	118.27 12.11 0.07	144.40 15.87 5.19	212.16 22.24 1.46	583.85 64.45 5.09	611.02 69.51 0.27	532.59 60.83 0.00	312.62 40.22 0.00	65.17 8.81 0.00	54.89 7.03 0.00	56.97 6.68 0.00
LAWRNCALV_115KV_TB1 80681	53.99 1.09 0.00	47.17 0.73 0.00	33.08 0.38 0.00	32.37 0.24 0.00	31.88 0.36 0.00	39.06 0.73 0.00	46.30 1.35 0.00	50.67 1.23 0.00	53.58 0.94 0.00	53.43 0.64 0.00	54.67 -0.05 0.00	66.15 -0.54 0.00	69.60 -1.29 0.00	75.67 -2.49 0.00	-38.41 -6.44 138.20	122.56 -10.36 0.80	177.78 -13.59 0.00	486.50 -37.98 0.00	504.81 -36.97 0.00	444.23 -27.53 0.00	255.23 -17.18 0.00	50.31 -3.19 2.86	46.09 -1.77 0.00	66.06 -0.40 -16.16
LEDERLE____ 23769	54.55 1.65 0.00	48.27 1.83 0.00	34.14 1.44 0.00	33.70 1.57 0.00	32.92 1.41 0.00	39.65 1.33 0.00	46.21 1.26 0.00	51.08 1.64 0.00	54.42 1.77 0.00	55.20 2.06 -0.34	58.10 2.59 -0.79	72.09 3.36 -2.03	75.31 4.42 0.00	84.36 6.21 0.00	117.24 10.09 -0.91	216.17 13.44 -69.01	230.60 19.87 -19.36	648.30 56.25 -67.56	601.48 56.10 -3.60	515.42 43.66 0.00	297.08 24.68 0.00	61.35 4.99 0.00	51.47 3.61 0.00	52.87 2.57 0.00
LIGHTHSE_115KV_TB6 355974	54.16 1.18 -0.07	47.41 0.88 -0.09	33.27 0.57 0.00	32.60 0.47 0.00	31.95 0.43 0.00	38.92 0.59 0.00	45.66 0.71 0.00	50.09 0.65 0.00	53.15 0.51 0.00	53.08 0.29 0.00	54.92 0.20 0.00	66.95 0.25 0.00	71.17 0.28 0.00	78.39 0.23 0.00	94.46 0.62 12.40	134.40 0.75 0.07	192.05 0.68 0.00	525.75 1.26 0.00	547.04 5.26 0.00	480.24 8.47 0.00	276.16 3.75 0.00	56.87 0.73 0.22	48.55 0.69 0.00	52.09 0.28 -1.50
LINDEN COGEN____ 23786	54.43 1.53 0.00	48.34 1.90 0.00	34.22 1.52 0.00	33.73 1.60 0.00	32.97 1.45 0.00	39.71 1.38 0.00	46.28 1.33 0.00	51.18 1.74 0.00	54.39 1.75 0.00	55.11 1.95 -0.36	58.02 2.45 -0.85	71.96 3.09 -2.18	75.10 4.21 0.00	84.17 6.01 0.00	117.52 9.84 -1.44	255.57 12.88 -108.96	241.24 19.29 -30.57	685.66 54.50 -106.67	601.72 54.25 -5.69	514.22 42.45 0.00	295.85 23.44 0.00	61.13 4.78 0.00	51.37 3.51 0.00	52.73 2.43 0.00
LINDHRST_69_KV_BK1 356055	51.84 1.53 2.60	48.57 2.12 0.00	34.61 1.92 0.00	34.15 2.02 0.00	33.33 1.82 0.00	40.14 1.81 0.00	46.38 1.43 0.00	51.22 1.78 0.00	47.93 1.65 6.36	42.93 1.78 11.64	58.69 3.13 -0.85	72.91 3.33 -2.88	75.03 4.54 0.40	86.34 7.63 -0.55	106.42 13.08 12.90	251.23 16.29 -101.22	210.95 24.60 5.02	713.56 70.41 -118.67	704.60 69.87 -92.95	530.25 55.42 -3.07	339.58 31.77 -35.41	78.33 6.10 -15.88	57.06 4.65 -4.55	54.53 3.48 -0.75
LIPA_MISC_IPP 23656	50.35 0.51 3.06	47.74 1.30 0.00	34.07 1.37 0.00	33.67 1.54 0.00	32.87 1.35 0.00	39.57 1.24 0.00	45.70 0.75 0.00	50.43 0.99 0.00	45.92 0.76 7.48	39.88 0.85 13.76	57.90 2.34 -0.85	71.71 2.35 -2.67	73.41 3.34 0.82	84.61 6.31 -0.14	85.52 11.76 32.47	240.34 14.26 -92.36	187.31 21.57 25.64	554.66 61.36 31.19	536.73 59.99 65.04	442.08 45.77 75.45	314.27 27.57 -14.29	75.04 5.16 -13.52	48.99 3.94 2.80	49.20 2.76 3.86
LISF____SOLAR 323691	50.48 0.63 3.05	47.85 1.41 0.00	34.15 1.45 0.00	33.75 1.62 0.00	32.93 1.41 0.00	39.66 1.34 0.00	45.81 0.86 0.00	50.56 1.13 0.00	46.05 0.88 7.47	40.03 0.98 13.74	58.00 2.44 -0.85	71.88 2.48 -2.71	73.53 3.50 0.86	84.82 6.51 -0.14	85.99 12.01 32.25	240.90 14.68 -92.49	189.38 22.33 24.32	559.66 64.66 29.48	541.79 63.55 63.55	444.91 48.20 75.04	315.26 28.52 -14.34	75.30 5.40 -13.54	49.15 4.01 2.72	49.40 2.91 3.80
LITTLE FALLS____HYD 24013	52.66 -0.25 0.00	46.56 0.11 0.00	32.95 0.25 0.00	32.63 0.50 0.00	31.89 0.37 0.00	38.45 0.12 0.00	44.70 -0.25 0.00	48.94 -0.49 0.00	51.54 -1.10 0.00	51.35 -1.44 0.00	53.00 -1.72 0.00	64.79 -1.90 0.00	69.65 -1.24 0.00	77.80 -0.36 0.00	104.54 0.90 2.59	135.41 1.70 0.02	195.52 4.15 0.00	542.35 17.86 0.00	566.24 24.46 0.00	496.32 24.56 0.00	289.79 17.38 0.00	60.41 3.86 -0.20	50.52 2.65 0.00	51.89 1.59 0.00

LITTLRIV_115KV_TB1 356100	54.99 2.08 0.00	48.02 1.58 0.00	33.67 0.97 0.00	32.91 0.78 0.00	32.44 0.92 0.00	39.79 1.47 0.00	47.20 2.25 0.00	51.53 2.10 0.00	54.16 1.52 0.00	53.83 1.04 0.00	55.01 0.29 0.00	66.56 -0.13 0.00	69.97 -0.92 0.00	76.10 -2.06 0.00	-31.50 -5.89 131.85	122.88 -10.08 0.76	178.17 -13.20 0.00	489.03 -35.45 0.00	511.01 -30.77 0.00	452.15 -19.61 0.00	260.42 -11.99 0.00	51.46 -2.10 2.79	46.95 -0.91 0.00	66.56 0.52 -15.74
LI_NEWBRDGE___DRP 323616	50.53 0.93 3.31	48.03 1.59 0.00	34.17 1.48 0.00	33.74 1.61 0.00	32.94 1.42 0.00	39.65 1.33 0.00	45.89 0.94 0.00	50.63 1.20 0.00	45.52 0.98 8.10	38.96 1.10 14.92	57.68 2.12 -0.85	71.00 2.13 -2.18	74.01 3.12 0.01	84.03 5.96 0.09	72.91 10.46 43.79	233.39 13.28 -86.38	159.96 20.31 51.73	461.68 58.39 121.20	446.78 58.63 153.63	405.30 46.00 112.46	303.37 26.06 -4.90	73.61 4.96 -12.29	44.09 3.71 7.49	46.03 2.56 6.82
LOCKPORT_115KV_TB60_63_64 80432	55.35 2.44 0.00	47.92 1.48 0.00	33.41 0.71 0.00	32.29 0.16 0.00	31.56 0.04 0.00	38.80 0.47 0.00	45.51 0.56 0.00	49.76 0.32 0.00	53.83 1.19 0.00	54.22 1.43 0.00	56.33 1.61 0.00	69.21 2.52 0.00	74.07 3.19 0.00	81.21 3.05 0.00	112.68 6.45 0.00	143.01 9.28 0.00	198.94 7.57 0.00	542.95 18.47 0.00	561.89 20.11 0.00	492.17 20.41 0.00	286.08 13.67 0.00	58.85 2.49 0.00	50.14 2.27 0.00	53.20 2.90 0.00
LOCKPORT___CC1 323769	55.16 2.25 0.00	47.76 1.32 0.00	33.31 0.61 0.00	32.20 0.07 0.00	31.46 -0.06 0.00	38.66 0.34 0.00	45.37 0.41 0.00	49.58 0.14 0.00	53.66 1.02 0.00	54.02 1.23 0.00	56.12 1.40 0.00	68.90 2.20 0.00	73.73 2.85 0.00	80.90 2.74 0.00	112.25 6.02 0.00	142.44 8.71 0.00	198.03 6.66 0.00	539.67 15.18 0.00	559.05 17.27 0.00	489.45 17.69 0.00	284.67 12.26 0.00	58.57 2.21 0.00	49.87 2.01 0.00	52.94 2.64 0.00
LOCKPORT___CC2 323770	55.16 2.25 0.00	47.76 1.32 0.00	33.31 0.61 0.00	32.20 0.07 0.00	31.46 -0.06 0.00	38.66 0.34 0.00	45.37 0.41 0.00	49.58 0.14 0.00	53.66 1.02 0.00	54.02 1.23 0.00	56.12 1.40 0.00	68.90 2.20 0.00	73.73 2.85 0.00	80.90 2.74 0.00	112.25 6.02 0.00	142.44 8.71 0.00	198.03 6.66 0.00	539.67 15.18 0.00	559.05 17.27 0.00	489.45 17.69 0.00	284.67 12.26 0.00	58.57 2.21 0.00	49.87 2.01 0.00	52.94 2.64 0.00
LOCKPORT___CC3 323771	55.16 2.25 0.00	47.76 1.32 0.00	33.31 0.61 0.00	32.20 0.07 0.00	31.46 -0.06 0.00	38.66 0.34 0.00	45.37 0.41 0.00	49.58 0.14 0.00	53.66 1.02 0.00	54.02 1.23 0.00	56.12 1.40 0.00	68.90 2.20 0.00	73.73 2.85 0.00	80.90 2.74 0.00	112.25 6.02 0.00	142.44 8.71 0.00	198.03 6.66 0.00	539.67 15.18 0.00	559.05 17.27 0.00	489.45 17.69 0.00	284.67 12.26 0.00	58.57 2.21 0.00	49.87 2.01 0.00	52.94 2.64 0.00
LOCUSVLY_69_KV_BK2 55797	53.10 1.69 1.49	48.61 2.17 0.00	34.53 1.84 0.00	34.06 1.93 0.00	33.26 1.74 0.00	40.05 1.72 0.00	46.42 1.47 0.00	51.27 1.83 0.00	50.81 1.81 3.64	48.30 2.02 6.51	58.72 3.16 -0.85	72.36 3.49 -2.18	75.50 4.61 0.00	86.55 7.38 -1.01	187.22 12.35 -68.64	288.94 15.57 -139.64	347.63 23.76 -132.50	1427.42 67.79 -835.14	1427.79 68.02 -817.99	879.99 53.68 -354.55	416.26 29.95 -113.91	80.44 5.76 -18.33	65.67 4.27 -13.54	59.84 3.10 -6.44
LONG_LAKE_PHOENIX 24014	52.75 -0.27 -0.11	46.22 -0.35 -0.13	32.45 -0.25 0.00	31.83 -0.30 0.00	31.16 -0.36 0.00	37.91 -0.42 0.00	44.41 -0.54 0.00	48.88 -0.55 0.00	52.06 -0.58 0.00	52.20 -0.59 0.00	54.09 -0.63 0.00	66.15 -0.54 0.00	70.55 -0.34 0.00	78.03 -0.13 0.00	102.63 0.61 4.21	135.15 1.45 0.02	192.86 1.49 0.00	527.76 3.27 0.00	545.17 3.39 0.00	475.69 3.93 0.00	274.97 2.56 0.00	56.80 0.44 0.00	48.14 0.27 0.00	50.45 -0.07 -0.23
LOVETT___3 23632	54.01 1.11 0.00	47.84 1.40 0.00	33.87 1.17 0.00	33.45 1.32 0.00	32.69 1.17 0.00	39.34 1.01 0.00	45.82 0.87 0.00	50.61 1.17 0.00	53.86 1.22 0.00	54.60 1.46 -0.35	57.43 1.91 -0.80	71.22 2.46 -2.06	74.31 3.42 0.00	83.21 5.05 0.00	115.63 8.42 -0.98	218.85 11.20 -73.92	228.93 16.82 -20.74	644.80 47.95 -72.36	593.21 47.57 -3.86	508.39 36.63 0.00	293.18 20.77 0.00	60.59 4.23 0.00	50.89 3.02 0.00	52.32 2.02 0.00
LOVETT___4 23642	54.01 1.11 0.00	47.84 1.40 0.00	33.87 1.17 0.00	33.45 1.32 0.00	32.69 1.17 0.00	39.34 1.01 0.00	45.82 0.87 0.00	50.61 1.17 0.00	53.86 1.22 0.00	54.60 1.46 -0.35	57.43 1.91 -0.80	71.22 2.46 -2.06	74.31 3.42 0.00	83.21 5.05 0.00	115.63 8.42 -0.98	218.85 11.20 -73.92	228.93 16.82 -20.74	644.80 47.95 -72.36	593.21 47.57 -3.86	508.39 36.63 0.00	293.18 20.77 0.00	60.59 4.23 0.00	50.89 3.02 0.00	52.32 2.02 0.00
LOVETT___5 23593	54.01 1.11 0.00	47.84 1.40 0.00	33.87 1.17 0.00	33.45 1.32 0.00	32.69 1.17 0.00	39.34 1.01 0.00	45.82 0.87 0.00	50.61 1.17 0.00	53.86 1.22 0.00	54.60 1.46 -0.35	57.43 1.91 -0.80	71.22 2.46 -2.06	74.31 3.42 0.00	83.21 5.05 0.00	115.63 8.42 -0.98	218.85 11.20 -73.92	228.93 16.82 -20.74	644.80 47.95 -72.36	593.21 47.57 -3.86	508.39 36.63 0.00	293.18 20.77 0.00	60.59 4.23 0.00	50.89 3.02 0.00	52.32 2.02 0.00
LOWER RAQUET___HYD 24057	54.12 1.20 -0.01	47.29 0.83 -0.01	33.15 0.45 0.00	32.42 0.29 0.00	31.92 0.41 0.00	39.12 0.80 0.00	46.39 1.43 0.00	50.74 1.30 0.00	53.61 0.97 0.00	53.37 0.58 0.00	54.50 -0.22 0.00	65.94 -0.75 0.00	69.35 -1.54 0.00	75.34 -2.82 0.00	-26.58 -6.94 125.87	122.10 -10.89 0.73	176.82 -14.55 0.00	484.04 -40.44 0.00	503.01 -38.77 0.00	443.07 -28.69 0.00	254.48 -17.92 0.00	50.35 -3.27 2.74	46.08 -1.78 0.00	65.24 -0.40 -15.34
LOWER___HUDSON 24059	53.47 0.57 0.00	47.25 0.80 0.00	33.44 0.74 0.00	33.04 0.90 0.00	32.40 0.89 0.00	39.00 0.67 0.00	45.46 0.50 0.00	50.02 0.59 0.00	53.19 0.55 0.00	52.74 0.38 0.43	54.04 0.32 1.00	64.65 0.52 2.57	71.87 0.98 0.00	79.95 1.79 0.00	109.27 3.11 0.08	132.43 4.41 5.70	197.18 7.41 1.60	541.98 23.08 5.58	565.97 24.48 0.30	491.83 20.06 0.00	284.98 12.57 0.00	59.20 2.84 0.00	49.98 2.11 0.00	51.91 1.61 0.00
LOWVILLE_115KV_TB2 356335	56.00 3.07 -0.02	49.04 2.57 -0.03	34.40 1.71 0.00	33.69 1.56 0.00	33.08 1.56 0.00	40.37 2.05 0.00	47.54 2.58 0.00	52.07 2.63 0.00	55.00 2.36 0.00	54.65 1.86 0.00	56.24 1.52 0.00	68.26 1.57 0.00	72.21 1.32 0.00	79.21 1.05 0.00	71.39 0.78 35.62	133.72 0.20 0.20	191.93 0.56 0.00	526.32 1.83 0.00	551.79 10.01 0.00	488.47 16.70 0.00	278.85 6.44 0.00	56.65 0.94 0.65	48.79 0.92 0.00	55.22 0.58 -4.34
LUTHERFT_115KV_GLOB_FND_222 355753	54.73 1.83 0.00	48.28 1.84 0.00	34.11 1.41 0.00	33.61 1.48 0.00	32.97 1.45 0.00	39.82 1.50 0.00	46.44 1.49 0.00	51.11 1.67 0.00	54.31 1.66 0.00	53.93 1.47 0.33	55.32 1.38 0.77	66.55 1.85 1.99	73.31 2.42 0.00	81.52 3.36 0.00	111.56 5.39 0.07	135.73 7.25 5.24	201.58 11.68 1.47	554.63 35.27 5.13	579.89 38.39 0.27	504.53 32.76 0.00	291.98 19.57 0.00	60.60 4.24 0.00	51.08 3.21 0.00	53.06 2.76 0.00

LUTHERNY_35_KV_BK2 355980	54.78 1.88 0.00	48.29 1.85 0.00	34.09 1.39 0.00	33.61 1.48 0.00	32.97 1.45 0.00	39.86 1.53 0.00	46.48 1.53 0.00	51.14 1.70 0.00	54.35 1.71 0.00	54.00 1.54 0.33	55.40 1.45 0.77	66.61 1.91 1.99	73.37 2.48 0.00	81.60 3.44 0.00	111.68 5.52 0.07	135.98 7.50 5.24	201.89 11.98 1.47	555.37 36.02 5.13	580.75 39.24 0.27	505.38 33.62 0.00	292.49 20.09 0.00	60.66 4.30 0.00	51.12 3.25 0.00	53.08 2.79 0.00
LWR___OSWEGATCHIE_HYD 23850	55.12 2.20 -0.02	48.21 1.74 -0.02	33.79 1.09 0.00	33.04 0.91 0.00	32.47 0.95 0.00	39.72 1.40 0.00	46.93 1.98 0.00	51.36 1.92 0.00	54.24 1.60 0.00	53.91 1.12 0.00	55.26 0.54 0.00	66.97 0.28 0.00	70.59 -0.30 0.00	77.01 -1.15 0.00	17.46 -3.53 85.24	127.43 -5.81 0.48	183.72 -7.65 0.00	503.42 -21.07 0.00	526.23 -15.55 0.00	464.95 -6.82 0.00	266.34 -6.06 0.00	53.38 -1.17 1.81	47.51 -0.35 0.00	60.79 0.11 -10.39
LYONS_FALL_HYD 23570	55.40 2.48 -0.02	48.56 2.10 -0.02	34.10 1.41 0.00	33.43 1.30 0.00	32.80 1.28 0.00	39.99 1.67 0.00	47.03 2.08 0.00	51.58 2.14 0.00	54.64 2.00 0.00	54.48 1.69 0.00	56.19 1.47 0.00	68.28 1.58 0.00	72.45 1.56 0.00	79.73 1.57 0.00	84.64 1.98 23.58	135.69 2.10 0.13	194.72 3.35 0.00	534.32 9.83 0.00	557.65 15.87 0.00	491.06 19.29 0.00	281.78 9.37 0.00	57.63 1.63 0.36	49.29 1.42 0.00	54.25 1.08 -2.87
MADISON___COUNTY_LFGE 323628	54.85 1.93 -0.02	48.10 1.64 -0.02	33.82 1.12 0.00	33.20 1.07 0.00	32.53 1.01 0.00	39.61 1.28 0.00	46.47 1.52 0.00	51.09 1.65 0.00	54.25 1.61 0.00	54.29 1.49 0.00	56.10 1.38 0.00	68.23 1.54 0.00	72.65 1.76 0.00	80.34 2.18 0.00	102.80 3.68 7.12	138.60 4.91 0.04	198.54 7.17 0.00	545.46 20.97 0.00	566.00 24.22 0.00	496.03 24.27 0.00	287.08 14.68 0.00	59.23 2.87 0.00	50.40 2.54 0.00	53.32 2.16 -0.87
MALONE___115KV_TB1 356076	53.90 1.00 0.00	47.15 0.71 0.00	33.06 0.36 0.00	32.43 0.29 0.00	31.98 0.46 0.00	39.13 0.81 0.00	46.33 1.38 0.00	50.71 1.27 0.00	53.71 1.07 0.00	53.88 1.09 0.00	55.46 0.75 0.00	67.36 0.67 0.00	71.22 0.33 0.00	77.80 -0.36 0.00	63.18 -2.70 40.35	130.89 -2.60 0.23	184.01 -7.36 0.00	502.15 -22.33 0.00	521.20 -20.58 0.00	456.77 -15.00 0.00	262.24 -10.16 0.00	50.75 -2.39 3.22	46.06 -1.81 0.00	64.85 -0.86 -15.41
MAPLEWOD_115KV_TB3 80458	53.10 0.19 0.00	46.90 0.46 0.00	33.20 0.51 0.00	32.85 0.72 0.00	32.19 0.67 0.00	38.70 0.38 0.00	45.13 0.18 0.00	49.70 0.26 0.00	52.89 0.25 0.00	52.62 0.15 0.32	54.15 0.18 0.74	65.13 0.35 1.91	71.69 0.80 0.00	79.74 1.58 0.00	109.03 2.88 0.07	132.21 4.11 5.62	196.89 7.10 1.58	541.15 22.16 5.50	564.46 22.97 0.29	490.51 18.74 0.00	283.64 11.24 0.00	58.80 2.44 0.00	49.66 1.79 0.00	51.52 1.22 0.00
MAPLE_RIDGE_WT_1 323574	52.82 -0.08 0.00	46.39 -0.06 0.00	32.63 -0.07 0.00	32.01 -0.12 0.00	31.45 -0.07 0.00	38.33 0.00 0.00	45.02 0.07 0.00	49.49 0.05 0.00	52.62 -0.02 0.00	52.75 -0.04 0.00	54.60 -0.11 0.00	66.47 -0.22 0.00	70.50 -0.39 0.00	77.61 -0.55 0.00	108.32 -1.09 -3.18	132.01 -1.73 -0.02	188.81 -2.57 0.00	515.67 -8.82 0.00	532.84 -8.94 0.00	464.97 -6.79 0.00	267.22 -5.18 0.00	51.00 -1.30 4.06	46.75 -1.12 0.00	49.07 -1.06 0.18
MAPLE_RIDGE_WT_2 323611	52.82 -0.08 0.00	46.39 -0.06 0.00	32.63 -0.07 0.00	32.01 -0.12 0.00	31.45 -0.07 0.00	38.33 0.00 0.00	45.02 0.07 0.00	49.49 0.05 0.00	52.62 -0.02 0.00	52.75 -0.04 0.00	54.60 -0.11 0.00	66.47 -0.22 0.00	70.50 -0.39 0.00	77.61 -0.55 0.00	108.32 -1.09 -3.18	132.01 -1.73 -0.02	188.81 -2.57 0.00	515.67 -8.82 0.00	532.84 -8.94 0.00	464.97 -6.79 0.00	267.22 -5.18 0.00	51.00 -1.30 4.06	46.75 -1.12 0.00	49.07 -1.06 0.18
MARBLE_RIVER_WT_PWR 323696	53.05 0.14 0.00	46.53 0.09 0.00	32.65 -0.04 0.00	32.08 -0.05 0.00	31.64 0.12 0.00	38.67 0.34 0.00	45.70 0.75 0.00	50.03 0.60 0.00	53.07 0.42 0.00	53.26 0.47 0.00	54.99 0.27 0.00	66.88 0.19 0.00	70.77 -0.12 0.00	77.39 -0.77 0.00	103.30 -2.94 0.00	129.63 -4.10 0.00	183.60 -7.77 0.00	499.85 -24.63 0.00	517.05 -24.73 0.00	451.02 -20.74 0.00	259.36 -13.04 0.00	49.69 -3.22 3.45	44.92 -2.95 0.00	47.14 -1.98 1.18
MARSHVLE_115KV_TB1 80742	57.10 4.20 0.00	49.97 3.53 0.00	35.07 2.37 0.00	34.23 2.10 0.00	33.56 2.04 0.00	40.98 2.65 0.00	48.21 3.26 0.00	52.61 3.18 0.00	55.57 2.93 0.00	55.26 2.66 0.19	56.99 2.73 0.45	68.93 3.40 1.16	74.58 3.69 0.00	82.10 3.94 0.00	111.49 5.30 0.05	136.65 6.35 3.42	199.05 8.64 0.96	545.87 24.74 3.35	572.60 31.00 0.18	508.01 36.25 0.00	295.07 22.66 0.00	60.82 4.46 0.00	51.52 3.66 0.00	53.91 3.62 0.00
MARSH_HILL_WT_PWR 323713	54.79 1.87 -0.01	47.97 1.51 -0.02	33.70 1.00 0.00	33.03 0.90 0.00	32.12 0.60 0.00	39.49 1.17 0.00	46.48 1.53 0.00	50.91 1.48 0.00	54.18 1.54 0.00	54.16 1.36 0.00	56.17 1.45 0.00	69.11 2.42 0.00	74.19 3.31 0.00	82.03 3.87 0.00	113.99 7.75 0.00	144.29 10.56 0.00	203.61 12.24 0.00	556.80 32.32 0.00	579.64 37.86 0.00	509.82 38.06 0.00	296.87 24.46 0.00	60.49 4.13 0.00	50.75 2.88 0.00	52.62 2.33 0.00
MCINTYRE_115KV_TB2 80467	55.30 2.39 0.00	48.27 1.83 0.00	33.83 1.13 0.00	33.07 0.93 0.00	32.61 1.10 0.00	40.02 1.70 0.00	47.47 2.52 0.00	51.74 2.30 0.00	54.26 1.62 0.00	53.98 1.19 0.00	55.28 0.57 0.00	66.89 0.20 0.00	70.31 -0.58 0.00	76.54 -1.62 0.00	-40.58 -5.36 141.45	123.12 -9.79 0.82	179.12 -12.25 0.00	492.44 -32.05 0.00	514.71 -27.07 0.00	456.37 -15.40 0.00	263.37 -9.04 0.00	51.90 -1.57 2.89	47.30 -0.57 0.00	67.59 0.92 -16.37
MECO_____69_KV_BK1 80468	57.14 4.23 0.00	50.10 3.66 0.00	35.20 2.50 0.00	34.46 2.32 0.00	33.80 2.28 0.00	41.11 2.79 0.00	48.26 3.31 0.00	52.70 3.26 0.00	55.34 2.69 0.00	54.74 2.16 0.21	56.24 2.02 0.50	68.01 2.59 1.28	74.02 3.14 0.00	81.73 3.57 0.00	111.29 5.11 0.05	136.19 6.45 3.99	200.00 9.75 1.12	552.09 31.50 3.90	583.33 41.76 0.21	518.76 47.00 0.00	301.88 29.47 0.00	62.23 5.87 0.00	52.51 4.65 0.00	54.65 4.35 0.00
MENANDS___115KV_TB5 355628	52.60 -0.30 0.00	46.49 0.05 0.00	32.94 0.24 0.00	32.62 0.49 0.00	31.96 0.44 0.00	38.38 0.06 0.00	44.74 -0.21 0.00	49.25 -0.19 0.00	52.40 -0.24 0.00	52.15 -0.32 0.32	53.67 -0.30 0.74	64.53 -0.25 1.91	71.01 0.12 0.00	78.98 0.82 0.00	107.92 1.76 0.07	130.75 2.67 5.64	194.79 5.00 1.58	535.14 16.17 5.52	557.91 16.43 0.30	484.40 12.64 0.00	280.20 7.79 0.00	58.13 1.77 0.00	49.10 1.23 0.00	50.95 0.66 0.00
MG INDUSTRY___DRP 24185	51.73 -1.18 0.00	45.71 -0.74 0.00	32.35 -0.34 0.00	31.97 -0.17 0.00	31.36 -0.17 0.00	37.76 -0.56 0.00	44.03 -0.92 0.00	48.29 -1.15 0.00	51.16 -1.48 0.00	50.97 -1.64 0.18	52.55 -1.76 0.41	63.52 -2.12 1.05	68.93 -1.96 0.00	76.51 -1.65 0.00	104.40 -1.77 0.07	126.63 -2.13 4.96	188.07 -1.91 1.39	516.53 -3.10 4.86	539.63 -1.89 0.26	470.60 -1.16 0.00	272.25 -0.16 0.00	56.50 0.14 0.00	47.88 0.01 0.00	49.82 -0.47 0.00

MID___OSWEGATCHIE_HYD 23849	55.12 2.20 -0.02	48.21 1.74 -0.02	33.79 1.09 0.00	33.04 0.91 0.00	32.47 0.95 0.00	39.72 1.40 0.00	46.93 1.98 0.00	51.36 1.92 0.00	54.24 1.60 0.00	53.91 1.12 0.00	55.26 0.54 0.00	66.97 0.28 0.00	70.59 -0.30 0.00	77.01 -1.15 0.00	17.46 -3.53 85.24	127.43 -5.81 0.48	183.72 -7.65 0.00	503.42 -21.07 0.00	526.23 -15.55 0.00	464.95 -6.82 0.00	266.34 -6.06 0.00	53.38 -1.17 1.81	47.51 -0.35 0.00	60.79 0.11 -10.39
MID___RAQUETTE_HYD 23851	54.12 1.21 -0.01	47.29 0.83 -0.01	33.15 0.45 0.00	32.43 0.29 0.00	31.92 0.41 0.00	39.12 0.80 0.00	46.39 1.43 0.00	50.74 1.30 0.00	53.61 0.97 0.00	53.37 0.58 0.00	54.50 -0.22 0.00	65.94 -0.76 0.00	69.35 -1.54 0.00	75.34 -2.82 0.00	-26.59 -6.94 125.87	122.10 -10.89 0.73	176.83 -14.54 0.00	484.05 -40.43 0.00	503.01 -38.77 0.00	443.07 -28.69 0.00	254.49 -17.92 0.00	50.35 -3.27 2.74	46.08 -1.78 0.00	65.24 -0.40 -15.34
MILLIKEN___1 23584	54.69 1.75 -0.04	47.87 1.39 -0.05	33.64 0.95 0.00	32.99 0.85 0.00	32.23 0.72 0.00	39.34 1.02 0.00	46.13 1.18 0.00	50.70 1.27 0.00	53.94 1.30 0.00	53.95 1.16 0.00	55.83 1.11 0.00	68.32 1.63 0.00	73.08 2.19 0.00	80.88 2.72 0.00	111.11 4.88 0.00	140.24 6.52 0.00	200.08 8.71 0.00	549.00 24.51 0.00	570.16 28.38 0.00	499.60 27.83 0.00	289.94 17.53 0.00	59.69 3.33 0.00	50.41 2.54 0.00	52.51 2.22 0.00
MILLIKEN___2 23585	54.69 1.75 -0.04	47.87 1.39 -0.05	33.64 0.95 0.00	32.99 0.85 0.00	32.23 0.72 0.00	39.34 1.02 0.00	46.13 1.18 0.00	50.70 1.27 0.00	53.94 1.30 0.00	53.95 1.16 0.00	55.83 1.11 0.00	68.32 1.63 0.00	73.08 2.19 0.00	80.88 2.72 0.00	111.11 4.88 0.00	140.24 6.52 0.00	200.08 8.71 0.00	549.00 24.51 0.00	570.16 28.38 0.00	499.60 27.83 0.00	289.94 17.53 0.00	59.69 3.33 0.00	50.41 2.54 0.00	52.51 2.22 0.00
MILLIKEN___DIESEL 23629	54.69 1.75 -0.04	47.87 1.39 -0.05	33.64 0.95 0.00	32.99 0.85 0.00	32.23 0.72 0.00	39.34 1.02 0.00	46.13 1.18 0.00	50.70 1.27 0.00	53.94 1.30 0.00	53.95 1.16 0.00	55.83 1.11 0.00	68.32 1.63 0.00	73.08 2.19 0.00	80.88 2.72 0.00	111.11 4.88 0.00	140.24 6.52 0.00	200.08 8.71 0.00	549.00 24.51 0.00	570.16 28.38 0.00	499.60 27.83 0.00	289.94 17.53 0.00	59.69 3.33 0.00	50.41 2.54 0.00	52.51 2.22 0.00
MILLSEAT___LFGE 323607	56.61 3.71 0.00	48.98 2.54 0.00	34.15 1.45 0.00	33.04 0.91 0.00	32.30 0.78 0.00	39.68 1.35 0.00	46.64 1.69 0.00	51.09 1.65 0.00	55.09 2.45 0.00	55.34 2.54 0.00	57.36 2.64 0.00	70.19 3.50 0.00	75.07 4.18 0.00	82.41 4.25 0.00	114.32 8.08 0.00	145.24 11.51 0.00	202.58 11.21 0.00	553.51 29.03 0.00	576.44 34.66 0.00	506.19 34.43 0.00	293.74 21.34 0.00	60.49 4.13 0.00	51.70 3.84 0.00	54.55 4.26 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	54.24 1.33 0.00	48.07 1.63 0.00	34.03 1.33 0.00	33.57 1.44 0.00	32.82 1.30 0.00	39.52 1.19 0.00	46.05 1.10 0.00	50.88 1.44 0.00	54.17 1.53 0.00	54.86 1.71 -0.36	57.75 2.19 -0.84	71.65 2.79 -2.17	74.67 3.78 0.00	83.58 5.42 0.00	116.39 8.94 -1.22	237.44 11.78 -91.93	234.93 17.76 -25.79	664.97 50.48 -90.00	596.86 50.28 -4.80	510.75 38.99 0.00	294.60 22.19 0.00	60.86 4.51 0.00	51.14 3.28 0.00	52.58 2.28 0.00
MILLWOOD_13_KV_LOAD 356217	54.34 1.44 0.00	48.16 1.72 0.00	34.09 1.39 0.00	33.63 1.50 0.00	32.88 1.36 0.00	39.59 1.26 0.00	46.13 1.18 0.00	50.98 1.54 0.00	54.28 1.64 0.00	54.98 1.82 -0.36	57.87 2.31 -0.84	71.80 2.94 -2.17	74.86 3.97 0.00	83.82 5.66 0.00	116.72 9.26 -1.22	237.92 12.27 -91.93	235.55 18.38 -25.79	666.80 52.32 -90.00	598.71 52.13 -4.80	512.32 40.55 0.00	295.48 23.08 0.00	61.03 4.68 0.00	51.26 3.40 0.00	52.70 2.41 0.00
MODEL_CITY_ENERGY 24167	54.93 2.03 0.00	47.56 1.12 0.00	33.17 0.48 0.00	32.05 -0.09 0.00	31.35 -0.17 0.00	38.55 0.22 0.00	45.19 0.23 0.00	49.36 -0.08 0.00	53.42 0.78 0.00	53.82 1.03 0.00	55.95 1.23 0.00	68.77 2.07 0.00	73.56 2.67 0.00	80.55 2.39 0.00	111.80 5.56 0.00	141.96 8.23 0.00	197.09 5.72 0.00	537.18 12.69 0.00	555.74 13.97 0.00	486.67 14.91 0.00	283.03 10.63 0.00	58.31 1.95 0.00	49.65 1.79 0.00	52.80 2.51 0.00
MODERN_LFGE___ 323580	54.93 2.03 0.00	47.56 1.12 0.00	33.17 0.48 0.00	32.05 -0.09 0.00	31.35 -0.17 0.00	38.55 0.22 0.00	45.19 0.23 0.00	49.36 -0.08 0.00	53.42 0.78 0.00	53.82 1.03 0.00	55.95 1.23 0.00	68.77 2.07 0.00	73.56 2.67 0.00	80.55 2.39 0.00	111.80 5.56 0.00	141.96 8.23 0.00	197.09 5.72 0.00	537.18 12.69 0.00	555.74 13.97 0.00	486.67 14.91 0.00	283.03 10.63 0.00	58.31 1.95 0.00	49.65 1.79 0.00	52.80 2.51 0.00
MOHAWK_PAPER___DRP 24187	53.10 0.19 0.00	46.90 0.46 0.00	33.20 0.51 0.00	32.85 0.72 0.00	32.19 0.67 0.00	38.70 0.38 0.00	45.13 0.18 0.00	49.70 0.26 0.00	52.89 0.25 0.00	52.62 0.15 0.32	54.15 0.18 0.74	65.13 0.35 1.91	71.69 0.80 0.00	79.74 1.58 0.00	109.03 2.88 0.07	132.21 4.11 5.62	196.89 7.10 1.58	541.15 22.16 5.50	564.46 22.97 0.29	490.51 18.74 0.00	283.64 11.24 0.00	58.80 2.44 0.00	49.66 1.79 0.00	51.52 1.22 0.00
MOHICAN___35_KV_115KV_LD 80490	55.48 2.58 0.00	48.97 2.53 0.00	34.62 1.92 0.00	34.07 1.94 0.00	33.44 1.93 0.00	40.40 2.07 0.00	47.03 2.07 0.00	51.76 2.32 0.00	54.99 2.35 0.00	54.40 1.93 0.33	55.68 1.72 0.76	67.12 2.37 1.95	73.99 3.10 0.00	82.33 4.17 0.00	112.67 6.50 0.07	137.28 8.76 5.21	203.88 13.97 1.46	561.04 41.65 5.11	587.13 45.62 0.27	510.61 38.85 0.00	296.17 23.76 0.00	61.64 5.28 0.00	51.85 3.98 0.00	53.84 3.54 0.00
MONGAUP___HYD 23641	54.77 1.86 0.00	48.32 1.88 0.00	34.12 1.43 0.00	33.62 1.49 0.00	32.87 1.36 0.00	39.69 1.36 0.00	46.30 1.35 0.00	51.04 1.61 0.00	54.09 1.45 0.00	54.45 1.36 -0.30	56.98 1.56 -0.70	70.60 2.09 -1.81	73.87 2.99 0.00	82.71 4.56 0.00	113.89 7.12 -0.54	183.85 9.29 -40.84	217.24 14.41 -11.46	603.18 38.72 -39.98	585.99 42.08 -2.13	508.36 36.60 0.00	296.82 24.41 0.00	61.53 5.18 0.00	51.62 3.76 0.00	53.15 2.85 0.00
MONTAUK___DIESEL 23721	52.38 2.53 3.06	49.50 3.06 0.00	35.44 2.74 0.00	35.11 2.98 0.00	34.26 2.75 0.00	41.32 3.00 0.00	47.85 2.90 0.00	52.91 3.47 0.00	48.83 3.67 7.48	42.59 3.54 13.75	61.07 5.50 -0.85	75.82 6.45 -2.68	77.51 7.45 0.83	89.29 10.98 -0.14	92.40 18.57 32.40	249.22 23.10 -92.40	200.84 34.64 25.17	591.39 97.55 30.65	573.17 95.97 64.58	470.92 74.50 75.34	329.95 43.25 -14.30	77.90 8.02 -13.53	51.77 6.68 2.78	52.00 5.54 3.84
MOONROAD_115KV_HARTFLD_TB1-2 355988	56.69 3.79 0.00	49.02 2.58 0.00	34.37 1.67 0.00	33.42 1.29 0.00	32.50 0.98 0.00	40.05 1.73 0.00	47.36 2.40 0.00	52.07 2.64 0.00	56.14 3.50 0.00	56.54 3.74 0.00	58.77 4.05 0.00	72.70 6.00 0.00	78.19 7.30 0.00	85.65 7.49 0.00	119.16 12.92 0.00	150.69 16.96 0.00	210.47 19.10 0.00	575.07 50.59 0.00	594.40 52.62 0.00	517.15 45.39 0.00	301.27 28.86 0.00	61.39 5.03 0.00	52.30 4.43 0.00	54.81 4.51 0.00

MORRIS_RIDGE___SOLAR 323848	54.83 1.92 -0.01	47.74 1.28 -0.01	33.46 0.77 0.00	32.67 0.53 0.00	31.81 0.29 0.00	39.08 0.76 0.00	45.87 0.92 0.00	50.05 0.61 0.00	53.31 0.67 0.00	53.37 0.58 0.00	55.37 0.66 0.00	68.17 1.47 0.00	73.12 2.23 0.00	80.78 2.62 0.00	112.19 5.96 0.00	141.94 8.21 0.00	199.82 8.44 0.00	545.74 21.25 0.00	568.03 26.25 0.00	499.81 28.05 0.00	291.16 18.75 0.00	59.51 3.15 0.00	50.29 2.42 0.00	52.56 2.26 0.00
MORTIMER_115KV_TB3 55949	55.34 2.43 0.00	48.07 1.63 0.00	33.61 0.91 0.00	32.67 0.54 0.00	31.93 0.41 0.00	39.05 0.72 0.00	45.90 0.95 0.00	50.42 0.98 0.00	54.29 1.65 0.00	54.66 1.87 0.00	56.88 2.16 0.00	69.93 3.23 0.00	74.82 3.94 0.00	82.62 4.46 0.00	113.96 7.72 0.00	144.51 10.78 0.00	203.19 11.82 0.00	555.07 30.58 0.00	574.90 33.12 0.00	502.40 30.63 0.00	290.84 18.43 0.00	59.90 3.54 0.00	50.73 2.87 0.00	53.25 2.95 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	54.67 1.76 0.00	48.54 2.09 0.00	34.36 1.67 0.00	33.88 1.75 0.00	33.12 1.60 0.00	39.88 1.56 0.00	46.48 1.53 0.00	51.42 1.98 0.00	54.70 2.07 0.00	55.42 2.26 -0.36	58.34 2.78 -0.85	72.36 3.49 -2.18	75.49 4.61 0.00	84.56 6.40 0.00	118.04 10.36 -1.45	256.62 13.51 -109.39	242.31 20.25 -30.69	688.66 57.08 -107.08	604.40 56.91 -5.71	516.43 44.67 0.00	297.38 24.97 0.00	61.39 5.03 0.00	51.55 3.69 0.00	52.96 2.67 0.00
MUNSVILLE_WIND_PWR 323609	57.46 4.53 -0.03	50.33 3.86 -0.03	35.35 2.65 0.00	34.53 2.40 0.00	33.55 2.03 0.00	41.22 2.90 0.00	48.55 3.59 0.00	53.68 4.24 0.00	57.05 4.40 0.00	56.99 4.20 0.00	59.04 4.33 0.00	72.32 5.63 0.00	77.65 6.76 0.00	86.29 8.13 0.00	118.46 12.23 0.00	149.22 15.49 0.00	213.42 22.04 0.00	587.61 63.12 0.00	612.65 70.87 0.00	538.20 66.44 0.00	312.54 40.14 0.00	64.07 7.71 0.00	53.68 5.82 0.00	55.63 5.33 0.00
N SALMON___HYD 24042	53.90 1.00 0.00	47.15 0.71 0.00	33.06 0.36 0.00	32.43 0.29 0.00	31.98 0.46 0.00	39.13 0.80 0.00	46.33 1.38 0.00	50.71 1.27 0.00	53.71 1.07 0.00	53.88 1.09 0.00	55.46 0.74 0.00	67.37 0.67 0.00	71.22 0.33 0.00	77.81 -0.36 0.00	63.17 -2.71 40.35	130.88 -2.61 0.23	184.01 -7.36 0.00	502.24 -22.24 0.00	521.20 -20.58 0.00	456.77 -14.99 0.00	262.25 -10.16 0.00	50.75 -2.39 3.22	46.06 -1.81 0.00	64.85 -0.86 -15.41
N.AKRON__115KV_KNAPP 355671	56.50 3.60 0.00	48.90 2.46 0.00	34.09 1.40 0.00	32.98 0.85 0.00	32.24 0.72 0.00	39.61 1.29 0.00	46.54 1.59 0.00	50.99 1.55 0.00	55.00 2.36 0.00	55.26 2.47 0.00	57.27 2.55 0.00	70.12 3.42 0.00	74.98 4.09 0.00	82.24 4.08 0.00	114.12 7.89 0.00	144.95 11.22 0.00	201.99 10.61 0.00	552.04 27.56 0.00	573.37 31.59 0.00	502.80 31.04 0.00	291.89 19.48 0.00	60.07 3.71 0.00	51.22 3.36 0.00	54.16 3.87 0.00
N.E_GEN_SANDY PD 24062	53.00 0.10 0.00	46.96 0.52 0.00	33.30 0.61 0.00	32.94 0.81 0.00	32.30 0.77 -0.01	37.55 0.43 1.21	46.05 0.17 -0.93	51.30 0.27 -1.59	56.67 0.24 -3.79	50.55 0.14 2.39	49.39 0.22 5.55	52.78 0.37 14.29	71.83 0.95 0.00	80.19 2.03 0.00	112.54 3.62 -2.68	135.70 5.05 3.08	197.21 8.41 2.58	521.47 25.66 28.68	501.59 25.55 65.74	354.99 19.64 136.41	284.87 12.46 0.00	65.72 2.84 -6.53	49.55 2.03 0.35	54.03 1.36 -2.38
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	54.24 1.33 0.00	48.03 1.58 0.00	33.98 1.28 0.00	33.55 1.41 0.00	32.77 1.25 0.00	39.45 1.13 0.00	45.96 1.01 0.00	50.77 1.34 0.00	54.07 1.43 0.00	54.83 1.70 -0.34	57.72 2.20 -0.79	71.59 2.85 -2.04	74.76 3.87 0.00	83.75 5.59 0.00	116.38 9.21 -0.94	216.88 12.26 -70.89	229.58 18.32 -19.89	645.86 51.97 -69.40	597.16 51.68 -3.70	511.69 39.93 0.00	295.08 22.67 0.00	60.94 4.58 0.00	51.17 3.30 0.00	52.56 2.26 0.00
N.QUEENS_27_KV_LOAD 356247	54.83 1.93 0.00	48.77 2.33 0.00	34.53 1.83 0.00	33.97 1.83 0.00	33.23 1.71 0.00	40.00 1.68 0.00	46.59 1.64 0.00	51.55 2.11 0.00	54.87 2.23 0.00	55.47 2.31 -0.36	58.41 2.85 -0.85	72.30 3.43 -2.18	75.49 4.61 0.00	84.60 6.40 -0.04	118.22 10.49 -1.50	257.65 13.49 -110.44	243.25 20.22 -31.65	693.37 56.65 -112.24	610.95 56.55 -12.62	520.85 44.23 -4.86	301.29 24.61 -4.28	61.34 4.98 0.00	51.56 3.70 0.00	52.99 2.69 -0.01
N.TROY___115KV_TB1 355778	53.47 0.57 0.00	47.25 0.81 0.00	33.44 0.74 0.00	33.04 0.90 0.00	32.40 0.88 0.00	39.00 0.68 0.00	45.46 0.50 0.00	50.02 0.58 0.00	53.19 0.55 0.00	52.74 0.38 0.43	54.04 0.33 1.00	64.65 0.52 2.57	71.87 0.98 0.00	79.95 1.79 0.00	109.28 3.12 0.08	132.44 4.41 5.70	197.18 7.41 1.60	542.08 23.17 5.58	565.95 24.47 0.30	491.83 20.07 0.00	284.98 12.57 0.00	59.21 2.85 0.00	49.98 2.11 0.00	51.91 1.61 0.00
NARROWS_GT1_1 24228	54.81 1.91 0.00	48.82 2.38 0.00	34.52 1.82 0.00	33.98 1.85 0.00	33.24 1.72 0.00	40.02 1.69 0.00	46.64 1.69 0.00	51.48 2.05 0.00	54.74 2.10 0.00	55.43 2.27 -0.36	58.41 2.85 -0.84	72.41 3.53 -2.18	75.63 4.74 0.00	84.63 6.47 0.00	118.20 10.52 -1.45	256.60 13.68 -109.19	242.06 20.05 -30.64	687.65 56.27 -106.89	603.67 56.20 -5.70	516.13 44.37 0.00	297.12 24.72 0.01	61.37 5.01 0.00	51.59 3.72 0.00	52.97 2.67 0.00
NARROWS_GT1_2 24229	54.81 1.91 0.00	48.82 2.38 0.00	34.52 1.82 0.00	33.98 1.85 0.00	33.24 1.72 0.00	40.02 1.69 0.00	46.64 1.69 0.00	51.48 2.05 0.00	54.74 2.10 0.00	55.43 2.27 -0.36	58.41 2.85 -0.84	72.41 3.53 -2.18	75.63 4.74 0.00	84.63 6.47 0.00	118.20 10.52 -1.45	256.60 13.68 -109.19	242.06 20.05 -30.64	687.65 56.27 -106.89	603.67 56.20 -5.70	516.13 44.37 0.00	297.12 24.72 0.01	61.37 5.01 0.00	51.59 3.72 0.00	52.97 2.67 0.00
NARROWS_GT1_3 24230	54.81 1.91 0.00	48.82 2.38 0.00	34.52 1.82 0.00	33.98 1.85 0.00	33.24 1.72 0.00	40.02 1.69 0.00	46.64 1.69 0.00	51.48 2.05 0.00	54.74 2.10 0.00	55.43 2.27 -0.36	58.41 2.85 -0.84	72.41 3.53 -2.18	75.63 4.74 0.00	84.63 6.47 0.00	118.20 10.52 -1.45	256.60 13.68 -109.19	242.06 20.05 -30.64	687.65 56.27 -106.89	603.67 56.20 -5.70	516.13 44.37 0.00	297.12 24.72 0.01	61.37 5.01 0.00	51.59 3.72 0.00	52.97 2.67 0.00
NARROWS_GT1_4 24231	54.81 1.91 0.00	48.82 2.38 0.00	34.52 1.82 0.00	33.98 1.85 0.00	33.24 1.72 0.00	40.02 1.69 0.00	46.64 1.69 0.00	51.48 2.05 0.00	54.74 2.10 0.00	55.43 2.27 -0.36	58.41 2.85 -0.84	72.41 3.53 -2.18	75.63 4.74 0.00	84.63 6.47 0.00	118.20 10.52 -1.45	256.60 13.68 -109.19	242.06 20.05 -30.64	687.65 56.27 -106.89	603.67 56.20 -5.70	516.13 44.37 0.00	297.12 24.72 0.01	61.37 5.01 0.00	51.59 3.72 0.00	52.97 2.67 0.00
NARROWS_GT1_5 24232	54.81 1.91 0.00	48.82 2.38 0.00	34.52 1.82 0.00	33.98 1.85 0.00	33.24 1.72 0.00	40.02 1.69 0.00	46.64 1.69 0.00	51.48 2.05 0.00	54.74 2.10 0.00	55.43 2.27 -0.36	58.41 2.85 -0.84	72.41 3.53 -2.18	75.63 4.74 0.00	84.63 6.47 0.00	118.20 10.52 -1.45	256.60 13.68 -109.19	242.06 20.05 -30.64	687.65 56.27 -106.89	603.67 56.20 -5.70	516.13 44.37 0.00	297.12 24.72 0.01	61.37 5.01 0.00	51.59 3.72 0.00	52.97 2.67 0.00

NARROWS_GT1_6 24233	54.81 1.91 0.00	48.82 2.38 0.00	34.52 1.82 0.00	33.98 1.85 0.00	33.24 1.72 0.00	40.02 1.69 0.00	46.64 1.69 0.00	51.48 2.05 0.00	54.74 2.10 0.00	55.43 2.27 -0.36	58.41 2.85 -0.84	72.41 3.53 -2.18	75.63 4.74 0.00	84.63 6.47 0.00	118.20 10.52 -1.45	256.60 13.68 -109.19	242.06 20.05 -30.64	687.65 56.27 -106.89	603.67 56.20 -5.70	516.13 44.37 0.00	297.12 24.72 0.01	61.37 5.01 0.00	51.59 3.72 0.00	52.97 2.67 0.00
NARROWS_GT1_7 24234	54.81 1.91 0.00	48.82 2.38 0.00	34.52 1.82 0.00	33.98 1.85 0.00	33.24 1.72 0.00	40.02 1.69 0.00	46.64 1.69 0.00	51.48 2.05 0.00	54.74 2.10 0.00	55.43 2.27 -0.36	58.41 2.85 -0.84	72.41 3.53 -2.18	75.63 4.74 0.00	84.63 6.47 0.00	118.20 10.52 -1.45	256.60 13.68 -109.19	242.06 20.05 -30.64	687.65 56.27 -106.89	603.67 56.20 -5.70	516.13 44.37 0.00	297.12 24.72 0.01	61.37 5.01 0.00	51.59 3.72 0.00	52.97 2.67 0.00
NARROWS_GT1_8 24235	54.81 1.91 0.00	48.82 2.38 0.00	34.52 1.82 0.00	33.98 1.85 0.00	33.24 1.72 0.00	40.02 1.69 0.00	46.64 1.69 0.00	51.48 2.05 0.00	54.74 2.10 0.00	55.43 2.27 -0.36	58.41 2.85 -0.84	72.41 3.53 -2.18	75.63 4.74 0.00	84.63 6.47 0.00	118.20 10.52 -1.45	256.60 13.68 -109.19	242.06 20.05 -30.64	687.65 56.27 -106.89	603.67 56.20 -5.70	516.13 44.37 0.00	297.12 24.72 0.01	61.37 5.01 0.00	51.59 3.72 0.00	52.97 2.67 0.00
NARROWS_GT2_1 24236	54.81 1.91 0.00	48.82 2.38 0.00	34.52 1.82 0.00	33.98 1.85 0.00	33.24 1.72 0.00	40.02 1.69 0.00	46.64 1.69 0.00	51.48 2.05 0.00	54.74 2.10 0.00	55.43 2.27 -0.36	58.41 2.85 -0.84	72.41 3.53 -2.18	75.63 4.74 0.00	84.63 6.47 0.00	118.20 10.52 -1.45	256.60 13.68 -109.19	242.06 20.05 -30.64	687.65 56.27 -106.89	603.67 56.20 -5.70	516.13 44.37 0.00	297.12 24.72 0.01	61.37 5.01 0.00	51.59 3.72 0.00	52.97 2.67 0.00
NARROWS_GT2_2 24237	54.81 1.91 0.00	48.82 2.38 0.00	34.52 1.82 0.00	33.98 1.85 0.00	33.24 1.72 0.00	40.02 1.69 0.00	46.64 1.69 0.00	51.48 2.05 0.00	54.74 2.10 0.00	55.43 2.27 -0.36	58.41 2.85 -0.84	72.41 3.53 -2.18	75.63 4.74 0.00	84.63 6.47 0.00	118.20 10.52 -1.45	256.60 13.68 -109.19	242.06 20.05 -30.64	687.65 56.27 -106.89	603.67 56.20 -5.70	516.13 44.37 0.00	297.12 24.72 0.01	61.37 5.01 0.00	51.59 3.72 0.00	52.97 2.67 0.00
NARROWS_GT2_3 24238	54.81 1.91 0.00	48.82 2.38 0.00	34.52 1.82 0.00	33.98 1.85 0.00	33.24 1.72 0.00	40.02 1.69 0.00	46.64 1.69 0.00	51.48 2.05 0.00	54.74 2.10 0.00	55.43 2.27 -0.36	58.41 2.85 -0.84	72.41 3.53 -2.18	75.63 4.74 0.00	84.63 6.47 0.00	118.20 10.52 -1.45	256.60 13.68 -109.19	242.06 20.05 -30.64	687.65 56.27 -106.89	603.67 56.20 -5.70	516.13 44.37 0.00	297.12 24.72 0.01	61.37 5.01 0.00	51.59 3.72 0.00	52.97 2.67 0.00
NARROWS_GT2_4 24239	54.81 1.91 0.00	48.82 2.38 0.00	34.52 1.82 0.00	33.98 1.85 0.00	33.24 1.72 0.00	40.02 1.69 0.00	46.64 1.69 0.00	51.48 2.05 0.00	54.74 2.10 0.00	55.43 2.27 -0.36	58.41 2.85 -0.84	72.41 3.53 -2.18	75.63 4.74 0.00	84.63 6.47 0.00	118.20 10.52 -1.45	256.60 13.68 -109.19	242.06 20.05 -30.64	687.65 56.27 -106.89	603.67 56.20 -5.70	516.13 44.37 0.00	297.12 24.72 0.01	61.37 5.01 0.00	51.59 3.72 0.00	52.97 2.67 0.00
NARROWS_GT2_5 24240	54.81 1.91 0.00	48.82 2.38 0.00	34.52 1.82 0.00	33.98 1.85 0.00	33.24 1.72 0.00	40.02 1.69 0.00	46.64 1.69 0.00	51.48 2.05 0.00	54.74 2.10 0.00	55.43 2.27 -0.36	58.41 2.85 -0.84	72.41 3.53 -2.18	75.63 4.74 0.00	84.63 6.47 0.00	118.20 10.52 -1.45	256.60 13.68 -109.19	242.06 20.05 -30.64	687.65 56.27 -106.89	603.67 56.20 -5.70	516.13 44.37 0.00	297.12 24.72 0.01	61.37 5.01 0.00	51.59 3.72 0.00	52.97 2.67 0.00
NARROWS_GT2_6 24241	54.81 1.91 0.00	48.82 2.38 0.00	34.52 1.82 0.00	33.98 1.85 0.00	33.24 1.72 0.00	40.02 1.69 0.00	46.64 1.69 0.00	51.48 2.05 0.00	54.74 2.10 0.00	55.43 2.27 -0.36	58.41 2.85 -0.84	72.41 3.53 -2.18	75.63 4.74 0.00	84.63 6.47 0.00	118.20 10.52 -1.45	256.60 13.68 -109.19	242.06 20.05 -30.64	687.65 56.27 -106.89	603.67 56.20 -5.70	516.13 44.37 0.00	297.12 24.72 0.01	61.37 5.01 0.00	51.59 3.72 0.00	52.97 2.67 0.00
NARROWS_GT2_7 24242	54.81 1.91 0.00	48.82 2.38 0.00	34.52 1.82 0.00	33.98 1.85 0.00	33.24 1.72 0.00	40.02 1.69 0.00	46.64 1.69 0.00	51.48 2.05 0.00	54.74 2.10 0.00	55.43 2.27 -0.36	58.41 2.85 -0.84	72.41 3.53 -2.18	75.63 4.74 0.00	84.63 6.47 0.00	118.20 10.52 -1.45	256.60 13.68 -109.19	242.06 20.05 -30.64	687.65 56.27 -106.89	603.67 56.20 -5.70	516.13 44.37 0.00	297.12 24.72 0.01	61.37 5.01 0.00	51.59 3.72 0.00	52.97 2.67 0.00
NARROWS_GT2_8 24243	54.81 1.91 0.00	48.82 2.38 0.00	34.52 1.82 0.00	33.98 1.85 0.00	33.24 1.72 0.00	40.02 1.69 0.00	46.64 1.69 0.00	51.48 2.05 0.00	54.74 2.10 0.00	55.43 2.27 -0.36	58.41 2.85 -0.84	72.41 3.53 -2.18	75.63 4.74 0.00	84.63 6.47 0.00	118.20 10.52 -1.45	256.60 13.68 -109.19	242.06 20.05 -30.64	687.65 56.27 -106.89	603.67 56.20 -5.70	516.13 44.37 0.00	297.12 24.72 0.01	61.37 5.01 0.00	51.59 3.72 0.00	52.97 2.67 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	53.53 0.63 0.00	47.21 0.77 0.00	33.38 0.68 0.00	33.00 0.87 0.00	32.35 0.84 0.00	38.97 0.65 0.00	45.44 0.49 0.00	49.91 0.47 0.00	52.80 0.16 0.00	52.47 -0.21 0.12	54.14 -0.30 0.28	65.79 -0.18 0.72	70.93 0.04 0.00	78.77 0.62 0.00	107.62 1.44 0.05	131.92 1.87 3.68	195.74 5.40 1.03	539.24 18.36 3.60	565.07 23.48 0.19	494.04 22.28 0.00	285.94 13.54 0.00	59.14 2.78 0.00	49.91 2.04 0.00	51.77 1.47 0.00
NCHELSEA_115KV_TR2 355582	54.69 1.79 0.00	48.37 1.92 0.00	34.20 1.50 0.00	33.73 1.60 0.00	33.00 1.49 0.00	39.78 1.45 0.00	46.36 1.41 0.00	51.25 1.82 0.00	54.61 1.97 0.00	55.23 2.15 -0.29	57.91 2.51 -0.68	71.42 2.98 -1.74	74.77 3.88 0.00	83.60 5.43 0.00	115.22 8.98 0.00	145.60 11.88 0.00	209.59 18.22 0.00	576.63 52.14 0.00	594.09 52.31 0.00	505.16 33.39 0.00	295.62 23.21 0.00	61.06 4.70 0.00	51.28 3.42 0.00	52.75 2.45 0.00
NEG CAPITAL____MECHNVIL 23645	54.76 1.85 0.00	48.32 1.88 0.00	34.13 1.43 0.00	33.64 1.51 0.00	33.00 1.48 0.00	39.83 1.50 0.00	46.45 1.50 0.00	51.15 1.71 0.00	54.38 1.74 0.00	54.01 1.58 0.37	55.39 1.53 0.85	66.53 2.04 2.20	73.55 2.67 0.00	81.80 3.64 0.00	111.98 5.82 0.07	136.23 7.90 5.39	202.44 12.57 1.51	556.85 37.64 5.28	582.41 40.91 0.28	506.59 34.83 0.00	293.04 20.63 0.00	60.77 4.41 0.00	51.22 3.35 0.00	53.07 2.77 0.00
NEG CENTRAL_HIGH_ACRES 23767	54.09 1.18 0.00	47.05 0.61 0.00	32.94 0.24 0.00	32.07 -0.06 0.00	31.36 -0.16 0.00	38.34 0.01 0.00	45.07 0.12 0.00	49.47 0.03 0.00	53.12 0.48 0.00	53.44 0.64 0.00	55.57 0.85 0.00	68.31 1.62 0.00	73.09 2.20 0.00	80.74 2.58 0.00	111.74 5.51 0.00	141.55 7.82 0.00	199.55 8.17 0.00	545.77 21.29 0.00	565.96 24.18 0.00	494.33 22.56 0.00	285.78 13.37 0.00	58.82 2.46 0.00	49.71 1.85 0.00	52.07 1.78 0.00

NEG CENTRAL___DRP 24199	54.53 1.58 -0.04	47.61 1.13 -0.05	33.47 0.77 0.00	32.77 0.63 0.00	32.02 0.50 0.00	39.10 0.78 0.00	45.89 0.94 0.00	50.35 0.91 0.00	53.66 1.02 0.00	53.76 0.97 0.00	55.77 1.05 0.00	68.45 1.76 0.00	73.40 2.51 0.00	81.15 2.99 0.00	109.38 5.39 2.24	141.26 7.54 0.01	200.72 9.34 0.00	549.56 25.08 0.00	570.48 28.70 0.00	499.46 27.70 0.00	289.29 16.88 0.00	59.55 3.19 0.00	50.25 2.39 0.00	52.40 2.10 0.00
NEG CENTRAL___INDECK 23768	55.79 2.88 0.00	48.44 2.00 0.00	33.88 1.18 0.00	33.02 0.89 0.00	32.21 0.69 0.00	39.52 1.20 0.00	46.58 1.63 0.00	51.03 1.59 0.00	54.26 1.62 0.00	54.19 1.40 0.00	56.11 1.40 0.00	68.35 1.65 0.00	72.22 1.33 0.00	78.57 0.41 0.00	109.25 3.02 0.00	140.05 6.33 0.00	197.55 6.18 0.00	540.25 15.76 0.00	561.49 19.71 0.00	500.08 28.32 0.00	290.43 18.02 0.00	60.29 3.94 0.00	52.20 4.34 0.00	53.88 3.58 0.00
NEG CENTRAL___SENECA 23627	54.99 2.06 -0.02	47.97 1.50 -0.03	33.74 1.04 0.00	33.01 0.88 0.00	32.22 0.70 0.00	39.42 1.09 0.00	46.28 1.33 0.00	50.74 1.30 0.00	54.05 1.41 0.00	54.17 1.38 0.00	56.19 1.47 0.00	69.02 2.33 0.00	74.12 3.24 0.00	82.01 3.85 0.00	113.04 6.81 0.00	143.16 9.43 0.00	202.97 11.60 0.00	555.77 31.28 0.00	577.53 35.75 0.00	506.10 34.34 0.00	293.22 20.81 0.00	60.30 3.94 0.00	50.84 2.97 0.00	52.94 2.65 0.00
NEG CENTRAL___STATE_STREET 24147	54.24 1.28 -0.05	47.45 0.95 -0.06	33.33 0.63 0.00	32.66 0.53 0.00	31.94 0.43 0.00	38.97 0.65 0.00	45.72 0.77 0.00	50.06 0.63 0.00	53.49 0.85 0.00	53.45 0.65 0.00	55.51 0.80 0.00	68.07 1.38 0.00	72.60 1.71 0.00	80.17 2.02 0.00	107.71 3.88 2.40	139.05 5.34 0.01	198.18 6.81 0.00	542.88 18.39 0.00	562.57 20.79 0.00	492.56 20.80 0.00	285.52 13.11 0.00	58.80 2.44 0.00	49.69 1.82 0.00	51.97 1.67 0.00
NEG MILLWOOD___DRP 24198	54.74 1.84 0.00	48.46 2.01 0.00	34.27 1.57 0.00	33.80 1.66 0.00	33.05 1.53 0.00	39.82 1.50 0.00	46.43 1.48 0.00	51.36 1.93 0.00	54.72 2.08 0.00	55.43 2.31 -0.33	58.26 2.78 -0.75	72.15 3.52 -1.94	75.49 4.60 0.00	84.46 6.30 0.00	116.37 10.26 0.13	137.55 13.56 9.73	209.08 20.44 2.73	573.14 58.18 9.53	599.54 58.27 0.51	514.81 43.05 0.00	298.30 25.89 0.00	61.55 5.19 0.00	51.67 3.81 0.00	53.11 2.81 0.00
NEG NORTH_FLCN_SEA 23793	53.16 0.25 0.00	46.81 0.37 0.00	32.87 0.17 0.00	32.28 0.15 0.00	31.82 0.30 0.00	38.85 0.52 0.00	45.91 0.96 0.00	50.13 0.70 0.00	53.01 0.37 0.00	53.25 0.45 0.00	54.95 0.23 0.00	66.92 0.22 0.00	71.00 0.11 0.00	77.64 -0.52 0.00	103.63 -2.60 0.00	130.73 -2.99 0.00	184.22 -7.16 0.00	500.41 -24.07 0.00	517.81 -23.96 0.00	452.00 -19.77 0.00	260.48 -11.93 0.00	49.88 -3.03 3.45	44.89 -2.97 0.00	47.00 -2.02 1.28
NEG NORTH_KES_CHATEGAY 23792	53.15 0.24 0.00	46.58 0.14 0.00	32.68 -0.02 0.00	32.10 -0.03 0.00	31.64 0.13 0.00	38.73 0.40 0.00	45.78 0.83 0.00	50.09 0.65 0.00	53.09 0.45 0.00	53.29 0.50 0.00	55.00 0.29 0.00	66.87 0.17 0.00	70.69 -0.20 0.00	77.27 -0.89 0.00	91.60 -3.20 11.43	129.28 -4.37 0.07	182.92 -8.45 0.00	498.36 -26.13 0.00	515.51 -26.27 0.00	450.76 -21.01 0.00	259.50 -12.91 0.00	49.87 -3.10 3.39	45.11 -2.76 0.00	47.27 -1.80 1.23
NEG NORTH___ALICE_FALLS 23915	53.63 0.73 0.00	47.11 0.67 0.00	33.06 0.36 0.00	32.47 0.34 0.00	32.01 0.49 0.00	39.09 0.77 0.00	46.22 1.27 0.00	50.51 1.08 0.00	53.38 0.74 0.00	53.67 0.88 0.00	55.39 0.67 0.00	67.40 0.70 0.00	71.62 0.73 0.00	78.40 0.24 0.00	102.21 -1.51 2.52	132.84 -0.87 0.02	185.84 -5.53 0.00	505.74 -18.75 0.00	523.95 -17.82 0.00	458.22 -13.54 0.00	263.78 -8.63 0.00	50.57 -2.36 3.44	45.55 -2.32 0.00	47.48 -1.43 1.39
NEG NORTH___LWR_SARANAC 23913	53.63 0.73 0.00	47.11 0.67 0.00	33.06 0.36 0.00	32.47 0.34 0.00	32.01 0.49 0.00	39.09 0.77 0.00	46.22 1.27 0.00	50.51 1.08 0.00	53.38 0.74 0.00	53.67 0.88 0.00	55.39 0.67 0.00	67.40 0.70 0.00	71.62 0.73 0.00	78.40 0.24 0.00	102.21 -1.51 2.52	132.84 -0.87 0.02	185.84 -5.53 0.00	505.74 -18.75 0.00	523.95 -17.82 0.00	458.22 -13.54 0.00	263.78 -8.63 0.00	50.57 -2.36 3.44	45.55 -2.32 0.00	47.48 -1.43 1.39
NEG NORTH___PLATTSBURG 23628	53.63 0.73 0.00	47.11 0.67 0.00	33.06 0.36 0.00	32.47 0.34 0.00	32.01 0.49 0.00	39.09 0.77 0.00	46.22 1.27 0.00	50.51 1.07 0.00	53.38 0.74 0.00	53.67 0.88 0.00	55.39 0.67 0.00	67.40 0.70 0.00	71.62 0.74 0.00	78.39 0.23 0.00	102.20 -1.52 2.52	132.84 -0.87 0.02	185.84 -5.53 0.00	505.70 -18.79 0.00	523.95 -17.83 0.00	458.19 -13.57 0.00	263.78 -8.63 0.00	50.57 -2.36 3.44	45.55 -2.32 0.00	47.48 -1.43 1.39
NEG WEST_LEA_LOCKPORT 23791	55.16 2.26 0.00	47.76 1.32 0.00	33.31 0.61 0.00	32.20 0.07 0.00	31.46 -0.06 0.00	38.66 0.33 0.00	45.36 0.41 0.00	49.59 0.15 0.00	53.65 1.01 0.00	54.02 1.23 0.00	56.11 1.39 0.00	68.90 2.21 0.00	73.73 2.85 0.00	80.90 2.74 0.00	112.22 5.98 0.00	142.40 8.67 0.00	198.10 6.73 0.00	540.24 15.76 0.00	558.87 17.09 0.00	489.56 17.80 0.00	284.67 12.27 0.00	58.56 2.21 0.00	49.87 2.01 0.00	52.94 2.64 0.00
NEG WEST___LANCASTR 23811	55.17 2.26 0.00	47.76 1.32 0.00	33.38 0.69 0.00	32.41 0.27 0.00	31.55 0.04 0.00	38.77 0.45 0.00	45.61 0.66 0.00	50.00 0.56 0.00	53.99 1.35 0.00	54.38 1.59 0.00	56.49 1.78 0.00	69.70 3.01 0.00	74.78 3.89 0.00	82.59 4.43 0.00	114.73 8.50 0.00	145.14 11.42 0.00	203.18 11.81 0.00	555.15 30.66 0.00	573.00 31.22 0.00	499.72 27.96 0.00	291.07 18.67 0.00	59.48 3.13 0.00	50.44 2.57 0.00	53.05 2.76 0.00
NEG_PENN_ALLEGHNY 23528	54.02 1.09 -0.02	47.27 0.80 -0.03	33.27 0.58 0.00	32.69 0.56 0.00	31.89 0.37 0.00	38.90 0.58 0.00	45.57 0.61 0.00	50.20 0.76 0.00	53.50 0.86 0.00	53.71 0.92 0.00	55.76 1.04 0.00	68.38 1.68 0.00	73.36 2.47 0.00	81.31 3.15 0.00	112.12 5.89 0.00	141.42 7.70 0.00	201.21 9.84 0.00	550.87 26.38 0.00	568.97 27.19 0.00	494.90 23.14 0.00	287.02 14.61 0.00	59.06 2.70 0.00	49.92 2.06 0.00	51.93 1.64 0.00
NEG___GEN_MONROE 24207	56.08 3.18 0.00	48.67 2.23 0.00	34.02 1.32 0.00	33.04 0.91 0.00	32.27 0.75 0.00	39.46 1.13 0.00	46.47 1.52 0.00	50.95 1.51 0.00	54.90 2.26 0.00	55.14 2.35 0.00	57.30 2.59 0.00	70.37 3.68 0.00	75.29 4.40 0.00	83.07 4.91 0.00	114.74 8.50 0.00	145.63 11.90 0.00	204.71 13.34 0.00	559.57 35.08 0.00	580.87 39.09 0.00	508.49 36.73 0.00	294.59 22.19 0.00	73.68 4.29 -13.04	63.82 3.56 -12.39	54.01 3.71 0.00
NEPA___ENERGY 23901	55.25 2.35 0.00	47.79 1.34 0.00	33.45 0.75 0.00	32.66 0.53 0.00	31.68 0.16 0.00	39.04 0.72 0.00	45.85 0.90 0.00	50.30 0.86 0.00	54.03 1.39 0.00	54.39 1.60 0.00	56.53 1.82 0.00	69.86 3.16 0.00	75.18 4.29 0.00	83.18 5.02 0.00	116.09 9.86 0.00	146.61 12.88 0.00	205.34 13.96 0.00	559.82 35.33 0.00	577.02 35.25 0.00	500.70 28.94 0.00	292.89 20.49 0.00	59.88 3.52 0.00	50.73 2.87 0.00	53.09 2.79 0.00

NEVERSINK___HYD 23608	53.87 0.97 0.00	47.54 1.10 0.00	33.56 0.86 0.00	33.07 0.94 0.00	32.32 0.80 0.00	39.02 0.69 0.00	45.54 0.58 0.00	50.33 0.89 0.00	53.60 0.96 0.00	54.22 1.19 -0.23	56.83 1.58 -0.53	70.08 2.01 -1.38	73.85 2.96 0.00	82.41 4.25 0.00	113.72 7.34 -0.15	155.10 10.10 -11.27	210.11 15.58 -3.16	580.97 45.44 -11.04	589.31 46.94 -0.59	507.94 36.18 0.00	293.41 21.00 0.00	60.50 4.14 0.00	50.77 2.91 0.00	52.23 1.94 0.00
NEWKRMKL_115KV_TB1 55635	52.42 -0.48 0.00	46.33 -0.11 0.00	32.81 0.11 0.00	32.50 0.37 0.00	31.84 0.32 0.00	38.25 -0.07 0.00	44.59 -0.36 0.00	49.10 -0.34 0.00	52.22 -0.42 0.00	52.02 -0.49 0.28	53.59 -0.47 0.66	64.54 -0.45 1.70	70.79 -0.10 0.00	78.67 0.52 0.00	107.53 1.36 0.07	130.33 2.14 5.53	194.06 4.24 1.55	533.15 14.08 5.41	555.79 14.31 0.29	482.77 11.01 0.00	279.03 6.62 0.00	57.86 1.50 0.00	48.87 1.01 0.00	50.72 0.42 0.00
NEWTON___FALLS_HYD 23847	55.12 2.20 -0.02	48.21 1.74 -0.02	33.79 1.09 0.00	33.04 0.91 0.00	32.47 0.95 0.00	39.72 1.40 0.00	46.93 1.98 0.00	51.36 1.92 0.00	54.24 1.60 0.00	53.91 1.12 0.00	55.26 0.54 0.00	66.97 0.28 0.00	70.59 -0.30 0.00	77.01 -1.15 0.00	17.46 -3.53 85.24	127.43 -5.81 0.48	183.72 -7.65 0.00	503.42 -21.07 0.00	526.23 -15.55 0.00	464.95 -6.82 0.00	266.34 -6.06 0.00	53.38 -1.17 1.81	47.51 -0.35 0.00	60.79 0.11 -10.39
NGRID_A1_DSASP 323792	54.63 1.72 0.00	47.30 0.86 0.00	33.00 0.30 0.00	31.88 -0.25 0.00	31.15 -0.37 0.00	38.19 -0.14 0.00	44.89 -0.06 0.00	49.03 -0.41 0.00	53.13 0.49 0.00	53.50 0.71 0.00	55.68 0.96 0.00	68.49 1.80 0.00	73.30 2.41 0.00	80.58 2.42 0.00	111.39 5.16 0.00	141.02 7.30 0.00	195.88 4.51 0.00	532.77 8.28 0.00	550.73 8.95 0.00	481.92 10.15 0.00	280.33 7.92 0.00	57.77 1.41 0.00	49.14 1.28 0.00	52.19 1.89 0.00
NGRID_A2_DSASP 323793	54.63 1.72 0.00	47.30 0.86 0.00	33.00 0.30 0.00	31.88 -0.25 0.00	31.15 -0.37 0.00	38.19 -0.14 0.00	44.89 -0.06 0.00	49.03 -0.41 0.00	53.13 0.49 0.00	53.50 0.71 0.00	55.68 0.96 0.00	68.49 1.80 0.00	73.30 2.41 0.00	80.58 2.42 0.00	111.39 5.16 0.00	141.02 7.30 0.00	195.88 4.51 0.00	532.77 8.28 0.00	550.73 8.95 0.00	481.92 10.15 0.00	280.33 7.92 0.00	57.77 1.41 0.00	49.14 1.28 0.00	52.19 1.89 0.00
NGRID_A4_DSASP 323807	54.63 1.72 0.00	47.30 0.86 0.00	33.00 0.30 0.00	31.88 -0.25 0.00	31.15 -0.37 0.00	38.19 -0.14 0.00	44.89 -0.06 0.00	49.03 -0.41 0.00	53.13 0.49 0.00	53.50 0.71 0.00	55.68 0.96 0.00	68.49 1.80 0.00	73.30 2.41 0.00	80.58 2.42 0.00	111.39 5.16 0.00	141.02 7.30 0.00	195.88 4.51 0.00	532.77 8.28 0.00	550.73 8.95 0.00	481.92 10.15 0.00	280.33 7.92 0.00	57.77 1.41 0.00	49.14 1.28 0.00	52.19 1.89 0.00
NIAGARA_115E_LBMP 323715	54.72 1.81 0.00	47.39 0.94 0.00	33.05 0.35 0.00	31.93 -0.20 0.00	31.25 -0.27 0.00	38.43 0.10 0.00	45.01 0.06 0.00	49.15 -0.29 0.00	53.21 0.57 0.00	53.62 0.82 0.00	55.76 1.05 0.00	68.54 1.85 0.00	73.33 2.45 0.00	80.21 2.05 0.00	111.30 5.07 0.00	141.36 7.64 0.00	196.14 4.77 0.00	534.25 9.77 0.00	552.49 10.71 0.00	483.76 12.00 0.00	281.41 9.00 0.00	58.00 1.64 0.00	49.42 1.55 0.00	52.59 2.29 0.00
NIAGARA_115W_LBMP 323714	54.51 1.60 0.00	47.19 0.75 0.00	32.92 0.22 0.00	31.81 -0.32 0.00	31.08 -0.44 0.00	38.11 -0.21 0.00	44.78 -0.17 0.00	48.91 -0.53 0.00	53.00 0.36 0.00	53.39 0.59 0.00	55.54 0.82 0.00	68.32 1.63 0.00	73.13 2.24 0.00	80.37 2.21 0.00	111.09 4.86 0.00	140.62 6.89 0.00	195.31 3.94 0.00	531.29 6.81 0.00	549.33 7.55 0.00	480.58 8.82 0.00	279.56 7.15 0.00	57.62 1.26 0.00	49.02 1.16 0.00	52.06 1.76 0.00
NIAGARA_230_LBMP 323716	54.79 1.88 0.00	47.45 1.01 0.00	33.11 0.41 0.00	32.01 -0.12 0.00	31.27 -0.25 0.00	38.35 0.03 0.00	45.07 0.11 0.00	49.24 -0.20 0.00	53.30 0.66 0.00	53.66 0.87 0.00	55.80 1.08 0.00	68.65 1.96 0.00	73.51 2.62 0.00	80.87 2.71 0.00	112.15 5.91 0.00	142.10 8.37 0.00	197.70 6.33 0.00	538.19 13.71 0.00	556.47 14.69 0.00	487.00 15.24 0.00	283.32 10.91 0.00	58.33 1.97 0.00	49.59 1.72 0.00	52.60 2.30 0.00
NIAGARA___115KV_198_GIBSON 55903	54.50 1.60 0.00	47.19 0.75 0.00	32.92 0.22 0.00	31.81 -0.32 0.00	31.08 -0.44 0.00	38.11 -0.21 0.00	44.78 -0.17 0.00	48.92 -0.52 0.00	52.99 0.35 0.00	53.38 0.59 0.00	55.54 0.82 0.00	68.33 1.64 0.00	73.13 2.24 0.00	80.38 2.22 0.00	111.04 4.81 0.00	140.58 6.85 0.00	195.24 3.88 0.00	531.82 7.33 0.00	549.16 7.38 0.00	480.60 8.83 0.00	279.59 7.19 0.00	57.62 1.26 0.00	49.02 1.15 0.00	52.06 1.76 0.00
NIAGARA____ 23760	54.79 1.88 0.00	47.45 1.01 0.00	33.11 0.41 0.00	32.01 -0.12 0.00	31.27 -0.25 0.00	38.35 0.03 0.00	45.07 0.11 0.00	49.24 -0.20 0.00	53.30 0.66 0.00	53.66 0.87 0.00	55.80 1.08 0.00	68.65 1.96 0.00	73.51 2.62 0.00	80.87 2.71 0.00	112.15 5.91 0.00	142.10 8.37 0.00	197.70 6.33 0.00	538.19 13.71 0.00	556.47 14.69 0.00	487.00 15.24 0.00	283.32 10.91 0.00	58.33 1.97 0.00	49.59 1.72 0.00	52.60 2.30 0.00
NINE_MILE_1 23575	51.43 -1.13 0.34	44.95 -1.08 0.41	31.94 -0.75 0.00	31.34 -0.79 0.00	30.70 -0.82 0.00	37.33 -0.99 0.00	43.75 -1.21 0.00	48.12 -1.32 0.00	51.29 -1.35 0.00	51.45 -1.35 0.00	53.32 -1.39 0.00	65.15 -1.55 0.00	69.43 -1.46 0.00	76.61 -1.55 0.00	104.83 -1.40 0.00	132.48 -1.24 0.00	189.04 -2.33 0.00	517.44 -7.04 0.00	534.20 -7.59 0.00	465.80 -5.96 0.00	269.21 -3.19 0.00	55.60 -0.76 0.00	47.17 -0.69 0.00	49.36 -0.94 0.00
NINE_MILE_2 23744	51.42 -1.13 0.35	44.95 -1.08 0.41	31.94 -0.75 0.00	31.34 -0.79 0.00	30.70 -0.82 0.00	37.33 -0.99 0.00	43.75 -1.21 0.00	48.12 -1.32 0.00	51.29 -1.35 0.00	51.45 -1.35 0.00	53.32 -1.39 0.00	65.15 -1.55 0.00	69.42 -1.47 0.00	76.61 -1.55 0.00	104.83 -1.40 0.00	132.48 -1.24 0.00	189.04 -2.33 0.00	517.40 -7.09 0.00	534.20 -7.59 0.00	465.80 -5.96 0.00	269.21 -3.20 0.00	55.59 -0.77 0.00	47.17 -0.69 0.00	49.36 -0.94 0.00
NM_CAPITAL___DRP 24208	52.46 -0.45 0.00	46.37 -0.07 0.00	32.85 0.15 0.00	32.54 0.40 0.00	31.88 0.36 0.00	38.29 -0.04 0.00	44.62 -0.33 0.00	49.12 -0.31 0.00	52.25 -0.39 0.00	52.01 -0.47 0.32	53.52 -0.46 0.73	64.36 -0.45 1.89	70.79 -0.10 0.00	78.73 0.58 0.00	107.59 1.43 0.07	130.29 2.24 5.67	194.12 4.34 1.59	533.28 14.34 5.55	555.83 14.35 0.30	482.77 11.01 0.00	279.15 6.74 0.00	57.92 1.56 0.00	48.93 1.07 0.00	50.80 0.50 0.00
NM_CENTRAL___DRP 24181	52.98 0.05 -0.03	46.38 -0.10 -0.04	32.62 -0.08 0.00	32.00 -0.14 0.00	31.32 -0.20 0.00	38.11 -0.21 0.00	44.66 -0.30 0.00	49.18 -0.26 0.00	52.44 -0.20 0.00	52.64 -0.16 0.00	54.62 -0.09 0.00	66.86 0.17 0.00	71.44 0.55 0.00	78.93 0.76 0.00	104.61 2.02 3.65	136.88 3.18 0.02	195.31 3.93 0.00	534.41 9.92 0.00	552.22 10.44 0.00	481.47 9.71 0.00	278.23 5.83 0.00	57.40 1.04 0.00	48.61 0.75 0.00	50.91 0.41 -0.20

NM_FRONTIER___DRP 24179	54.50 1.60 0.00	47.19 0.75 0.00	32.92 0.22 0.00	31.81 -0.32 0.00	31.08 -0.44 0.00	38.11 -0.21 0.00	44.78 -0.17 0.00	48.92 -0.52 0.00	52.99 0.35 0.00	53.38 0.59 0.00	55.54 0.82 0.00	68.33 1.64 0.00	73.13 2.24 0.00	80.38 2.22 0.00	111.04 4.81 0.00	140.58 6.85 0.00	195.24 3.88 0.00	531.82 7.33 0.00	549.16 7.38 0.00	480.60 8.83 0.00	279.59 7.19 0.00	57.62 1.26 0.00	49.02 1.15 0.00	52.06 1.76 0.00
NM_ST_REGIS___HYD 24053	54.09 1.19 0.00	47.27 0.83 0.00	33.14 0.44 0.00	32.44 0.30 0.00	31.96 0.44 0.00	39.16 0.84 0.00	46.42 1.46 0.00	50.76 1.32 0.00	53.65 1.01 0.00	53.53 0.74 0.00	54.77 0.05 0.00	66.33 -0.36 0.00	69.86 -1.03 0.00	75.99 -2.17 0.00	-7.88 -5.84 108.27	124.43 -8.66 0.63	178.63 -12.74 0.00	488.52 -35.97 0.00	507.25 -34.53 0.00	446.29 -25.47 0.00	256.38 -16.03 0.00	50.47 -3.06 2.84	46.07 -1.80 0.00	65.14 -0.52 -15.36
NORTHPORT___1 23551	49.93 0.13 3.11	47.55 1.11 0.00	34.01 1.31 0.00	33.65 1.52 0.00	32.84 1.32 0.00	39.52 1.19 0.00	45.50 0.55 0.00	50.03 0.59 0.00	45.12 0.08 7.60	38.96 0.15 13.99	57.17 1.61 -0.85	69.72 1.22 -1.81	61.55 1.98 11.31	83.05 4.80 -0.10	80.83 9.31 34.71	175.48 11.15 -30.60	114.62 17.22 93.97	438.77 50.65 136.37	343.88 48.89 246.79	269.24 36.15 238.67	204.30 20.87 88.98	73.66 4.03 -13.28	46.99 2.85 3.73	47.66 1.81 4.45
NORTHPORT___2 23552	49.93 0.13 3.11	47.55 1.11 0.00	34.01 1.31 0.00	33.65 1.52 0.00	32.84 1.32 0.00	39.52 1.19 0.00	45.50 0.55 0.00	50.03 0.59 0.00	45.12 0.08 7.60	38.96 0.15 13.99	57.17 1.61 -0.85	69.72 1.22 -1.81	61.55 1.98 11.31	83.05 4.80 -0.10	80.83 9.31 34.71	175.48 11.15 -30.60	114.62 17.22 93.97	438.77 50.65 136.37	343.88 48.89 246.79	269.24 36.15 238.67	204.30 20.87 88.98	73.66 4.03 -13.28	46.99 2.85 3.73	47.66 1.81 4.45
NORTHPORT___3 23553	49.99 0.18 3.09	47.58 1.14 0.00	34.01 1.31 0.00	33.62 1.49 0.00	32.82 1.30 0.00	39.49 1.17 0.00	45.48 0.52 0.00	49.98 0.54 0.00	45.07 -0.02 7.56	38.90 0.02 13.91	57.04 1.48 -0.85	69.60 0.97 -1.93	61.38 1.79 11.30	82.83 4.58 -0.09	82.60 9.23 32.86	175.80 10.88 -31.19	117.34 17.04 91.07	454.86 50.61 120.24	360.50 49.66 230.94	277.84 37.36 231.29	204.88 20.65 88.17	73.49 3.88 -13.25	46.65 2.68 3.89	47.41 1.66 4.55
NORTHPORT___4 23650	49.99 0.18 3.09	47.58 1.14 0.00	34.01 1.31 0.00	33.62 1.49 0.00	32.82 1.30 0.00	39.49 1.17 0.00	45.48 0.52 0.00	49.98 0.54 0.00	45.07 -0.02 7.56	38.90 0.02 13.91	57.04 1.48 -0.85	69.60 0.97 -1.93	61.38 1.79 11.30	82.83 4.58 -0.09	82.60 9.23 32.86	175.80 10.88 -31.19	117.34 17.04 91.07	454.86 50.61 120.24	360.50 49.66 230.94	277.84 37.36 231.29	204.88 20.65 88.17	73.49 3.88 -13.25	46.65 2.68 3.89	47.41 1.66 4.55
NORTHPORT___IC 23718	49.93 0.14 3.11	47.56 1.12 0.00	34.01 1.31 0.00	33.65 1.52 0.00	32.84 1.32 0.00	39.52 1.20 0.00	45.50 0.55 0.00	50.03 0.59 0.00	45.12 0.08 7.60	38.96 0.15 13.99	57.19 1.63 -0.85	69.73 1.23 -1.81	61.55 1.98 11.31	83.06 4.80 -0.10	80.89 9.37 34.71	175.55 11.22 -30.60	114.57 17.16 93.97	437.72 49.61 136.37	342.57 47.57 246.79	268.96 35.87 238.67	204.44 21.01 88.98	73.66 4.03 -13.28	47.10 2.96 3.73	47.69 1.83 4.45
NORTH___COUNTRY_ESR 323785	53.01 0.11 0.00	46.44 0.00 0.00	32.58 -0.11 0.00	32.02 -0.12 0.00	31.59 0.07 0.00	38.63 0.31 0.00	45.67 0.72 0.00	50.00 0.56 0.00	53.08 0.44 0.00	53.28 0.49 0.00	54.99 0.27 0.00	66.85 0.16 0.00	70.67 -0.21 0.00	77.25 -0.91 0.00	91.35 -3.22 11.67	129.20 -4.46 0.07	182.87 -8.50 0.00	498.18 -26.30 0.00	515.38 -26.40 0.00	449.84 -21.93 0.00	258.42 -13.99 0.00	49.63 -3.35 3.38	44.91 -2.96 0.00	47.09 -1.98 1.23
NPX_GEN_1385_PROXY 323591	53.12 -0.61 -0.82	46.94 0.50 0.00	33.75 1.05 0.00	33.70 1.56 0.00	32.88 1.37 0.00	38.53 1.12 0.91	45.09 0.14 0.00	47.17 0.14 2.41	44.13 -0.40 8.12	37.59 0.15 15.35	57.36 1.80 -0.85	69.94 1.44 -1.81	61.45 1.88 11.31	82.99 4.73 -0.10	80.60 9.08 34.71	175.00 10.67 -30.60	115.76 18.35 93.97	444.39 56.27 136.37	346.18 51.19 246.79	270.72 37.63 238.67	204.85 21.42 88.98	73.92 4.29 -13.28	45.59 3.11 5.39	47.70 1.85 4.45
NPX_GEN_CSC 323557	54.06 0.29 -0.87	47.54 1.10 0.00	33.93 1.23 0.00	33.54 1.40 0.00	32.73 1.21 0.00	38.50 1.09 0.91	45.53 0.57 0.00	47.85 0.82 2.41	45.24 0.59 7.99	38.36 0.69 15.12	57.73 2.17 -0.85	71.57 2.20 -2.67	73.26 3.20 0.82	84.50 6.20 -0.14	85.42 11.64 32.46	240.28 14.20 -92.36	181.13 21.74 31.99	556.23 62.83 31.08	538.25 61.44 64.97	442.44 46.15 75.46	313.95 27.26 -14.28	74.96 5.08 -13.52	47.15 3.75 4.46	49.06 2.63 3.86
NSINS_S_GLNS_FALLS 23858	55.41 2.50 0.00	48.88 2.44 0.00	34.56 1.87 0.00	34.01 1.87 0.00	33.38 1.87 0.00	40.32 2.00 0.00	46.94 1.99 0.00	51.68 2.25 0.00	54.92 2.28 0.00	54.34 1.87 0.32	55.62 1.65 0.75	67.08 2.31 1.92	73.92 3.03 0.00	82.24 4.08 0.00	112.55 6.39 0.07	137.16 8.63 5.19	203.63 13.72 1.46	560.22 40.82 5.09	586.04 44.54 0.27	509.71 37.95 0.00	295.58 23.17 0.00	61.55 5.19 0.00	51.78 3.92 0.00	53.75 3.46 0.00
NUCOR_STEEL___DRP 24197	54.13 1.17 -0.05	47.36 0.85 -0.06	33.27 0.57 0.00	32.60 0.47 0.00	31.89 0.37 0.00	38.91 0.58 0.00	45.63 0.68 0.00	49.93 0.49 0.00	53.39 0.75 0.00	53.35 0.55 0.00	55.42 0.71 0.00	67.99 1.30 0.00	72.42 1.53 0.00	79.96 1.80 0.00	107.35 3.57 2.45	138.59 4.88 0.01	197.52 6.15 0.00	540.96 16.47 0.00	560.13 18.35 0.00	489.84 18.08 0.00	283.78 11.37 0.00	58.50 2.14 0.00	49.47 1.60 0.00	51.82 1.52 0.00
NUMBER_THREE_WT_PWR 323818	55.98 3.05 -0.02	49.02 2.55 -0.03	34.39 1.69 0.00	33.68 1.55 0.00	33.06 1.55 0.00	40.36 2.04 0.00	47.53 2.57 0.00	52.04 2.61 0.00	54.99 2.35 0.00	54.64 1.84 0.00	56.23 1.51 0.00	68.23 1.54 0.00	72.14 1.25 0.00	79.12 0.96 0.00	69.99 0.63 36.87	133.46 -0.06 0.21	191.56 0.18 0.00	525.19 0.70 0.00	550.71 8.92 0.00	487.40 15.64 0.00	278.08 5.68 0.00	56.45 0.77 0.68	48.68 0.81 0.00	55.26 0.47 -4.49
NYISO_LBMP_REFERENCE 24008	52.90 0.00 0.00	46.44 0.00 0.00	32.70 0.00 0.00	32.13 0.00 0.00	31.52 0.00 0.00	38.33 0.00 0.00	44.95 0.00 0.00	49.44 0.00 0.00	52.64 0.00 0.00	52.79 0.00 0.00	54.72 0.00 0.00	66.69 0.00 0.00	70.89 0.00 0.00	78.16 0.00 0.00	106.23 0.00 0.00	133.73 0.00 0.00	191.37 0.00 0.00	524.49 0.00 0.00	541.78 0.00 0.00	471.76 0.00 0.00	272.41 0.00 0.00	56.36 0.00 0.00	47.86 0.00 0.00	50.30 0.00 0.00
NYPA_BRENTWD____GT 24164	51.07 1.16 3.00	48.35 1.92 0.00	34.50 1.80 0.00	34.09 1.95 0.00	33.27 1.75 0.00	40.05 1.73 0.00	46.21 1.26 0.00	50.98 1.54 0.00	46.57 1.26 7.33	40.73 1.41 13.47	58.45 2.89 -0.85	76.24 3.00 -6.54	73.64 3.81 1.05	85.19 6.84 -0.19	88.46 11.94 29.72	245.30 14.10 -97.48	182.67 21.32 30.03	577.17 62.25 9.57	558.61 60.95 44.12	451.23 46.57 67.10	315.52 26.91 -16.19	75.45 5.27 -13.82	50.28 4.06 1.65	50.31 3.14 3.13

NYPA_GOWANUS____GT5 24156	54.81 1.91 0.00	48.82 2.38 0.00	34.52 1.82 0.00	33.98 1.85 0.00	33.24 1.72 0.00	40.02 1.69 0.00	46.64 1.69 0.00	51.48 2.05 0.00	54.74 2.10 0.00	55.43 2.27 -0.36	58.41 2.85 -0.84	72.38 3.51 -2.18	75.61 4.71 0.00	84.59 6.43 0.00	118.17 10.48 -1.45	256.59 13.67 -109.19	241.97 19.96 -30.64	687.42 56.04 -106.89	603.35 55.88 -5.70	516.04 44.28 0.00	297.01 24.61 0.01	61.36 5.00 0.00	51.58 3.71 0.00	52.97 2.67 0.00
NYPA_GOWANUS____GT6 24157	54.81 1.91 0.00	48.82 2.38 0.00	34.52 1.82 0.00	33.98 1.85 0.00	33.24 1.72 0.00	40.02 1.69 0.00	46.64 1.69 0.00	51.48 2.05 0.00	54.74 2.10 0.00	55.43 2.27 -0.36	58.41 2.85 -0.84	72.38 3.51 -2.18	75.61 4.71 0.00	84.59 6.43 0.00	118.17 10.48 -1.45	256.59 13.67 -109.19	241.97 19.96 -30.64	687.42 56.04 -106.89	603.35 55.88 -5.70	516.04 44.28 0.00	297.01 24.61 0.01	61.36 5.00 0.00	51.58 3.71 0.00	52.97 2.67 0.00
NYPA_HARLEM__RVR__GT1 24160	54.70 1.80 0.00	48.66 2.22 0.00	34.45 1.75 0.00	33.90 1.77 0.00	33.17 1.65 0.00	39.92 1.59 0.00	46.50 1.54 0.00	51.42 1.98 0.00	54.72 2.08 0.00	55.31 2.15 -0.36	58.24 2.68 -0.85	72.09 3.21 -2.18	75.27 4.38 -0.01	84.26 6.09 -0.01	117.79 10.10 -1.46	255.91 12.98 -109.20	241.54 19.53 -30.64	685.81 54.42 -106.90	601.65 54.17 -5.71	514.09 42.32 -0.01	295.91 23.50 -0.01	61.13 4.76 -0.01	51.40 3.53 -0.01	52.81 2.50 -0.01
NYPA_HARLEM__RVR__GT2 24161	54.70 1.80 0.00	48.66 2.22 0.00	34.45 1.75 0.00	33.90 1.77 0.00	33.17 1.65 0.00	39.92 1.59 0.00	46.50 1.54 0.00	51.42 1.98 0.00	54.72 2.08 0.00	55.31 2.15 -0.36	58.24 2.68 -0.85	72.09 3.21 -2.18	75.27 4.38 -0.01	84.26 6.09 -0.01	117.79 10.10 -1.46	255.91 12.98 -109.20	241.54 19.53 -30.64	685.81 54.42 -106.90	601.65 54.17 -5.71	514.09 42.32 -0.01	295.91 23.50 -0.01	61.13 4.76 -0.01	51.40 3.53 -0.01	52.81 2.50 -0.01
NYPA_KENT____GT 24152	54.71 1.80 0.00	48.75 2.31 0.00	34.49 1.79 0.00	33.96 1.82 0.00	33.21 1.70 0.00	39.99 1.66 0.00	46.61 1.65 0.00	51.51 2.07 0.00	54.77 2.13 0.00	55.39 2.23 -0.36	58.30 2.74 -0.84	72.22 3.35 -2.18	75.43 4.54 0.00	84.42 6.26 0.00	117.91 10.23 -1.45	238.70 13.29 -91.68	241.67 19.66 -30.64	684.97 55.14 -105.34	602.32 54.84 -5.70	514.97 43.20 0.00	294.24 23.91 2.08	57.57 4.85 3.64	50.93 3.59 0.52	52.61 2.57 0.25
NYPA_POUCH1____GT 24155	54.68 1.78 0.00	48.73 2.29 0.00	34.46 1.77 0.00	33.94 1.80 0.00	33.19 1.67 0.00	39.96 1.64 0.00	46.55 1.59 0.00	51.33 1.89 0.00	54.59 1.95 0.00	55.34 2.18 -0.36	58.35 2.79 -0.84	72.32 3.45 -2.18	75.53 4.64 0.00	84.49 6.33 0.00	117.90 10.22 -1.45	256.14 13.22 -109.19	241.52 19.51 -30.64	686.01 54.63 -106.89	601.95 54.48 -5.70	515.12 43.36 0.00	296.59 24.19 0.01	61.26 4.90 0.00	51.52 3.66 0.00	52.86 2.57 0.00
NYPA_VERNON____GT2 24162	54.60 1.70 0.00	48.68 2.23 0.00	34.45 1.76 0.00	33.93 1.80 0.00	33.20 1.68 0.00	39.96 1.64 0.00	46.59 1.64 0.00	51.53 2.09 0.00	54.80 2.16 0.00	55.36 2.20 -0.36	58.20 2.64 -0.84	72.10 3.23 -2.18	75.29 4.40 0.00	84.31 6.15 0.00	117.73 10.05 -1.45	220.95 13.06 -74.17	241.53 19.52 -30.64	682.77 54.50 -103.78	601.64 54.17 -5.70	514.14 42.38 0.00	291.65 23.39 4.15	53.82 4.75 7.28	50.31 3.48 1.03	52.25 2.46 0.50
NYPA_VERNON____GT3 24163	54.60 1.70 0.00	48.68 2.23 0.00	34.45 1.76 0.00	33.93 1.80 0.00	33.20 1.68 0.00	39.96 1.64 0.00	46.59 1.64 0.00	51.53 2.09 0.00	54.80 2.16 0.00	55.36 2.20 -0.36	58.20 2.64 -0.84	72.10 3.23 -2.18	75.29 4.40 0.00	84.31 6.15 0.00	117.73 10.05 -1.45	220.95 13.06 -74.17	241.53 19.52 -30.64	682.77 54.50 -103.78	601.64 54.17 -5.70	514.14 42.38 0.00	291.65 23.39 4.15	53.82 4.75 7.28	50.31 3.48 1.03	52.25 2.46 0.50
NYPA____ASTORIA_CC1 323568	54.50 1.60 0.00	48.60 2.16 0.00	34.41 1.71 0.00	33.88 1.75 0.00	33.15 1.63 0.00	39.89 1.57 0.00	46.50 1.55 0.00	51.43 1.99 0.00	54.68 2.04 0.00	55.20 2.04 -0.36	58.04 2.48 -0.84	71.90 3.03 -2.18	75.07 4.18 0.00	84.07 5.91 0.00	117.41 9.73 -1.45	213.08 12.64 -66.72	240.90 18.90 -30.64	680.40 52.80 -103.12	599.92 52.45 -5.70	512.74 40.98 0.00	289.98 22.60 5.03	52.10 4.58 8.83	49.97 3.36 1.25	52.01 2.32 0.61
NYPA____ASTORIA_CC2 323569	54.50 1.60 0.00	48.60 2.16 0.00	34.41 1.71 0.00	33.88 1.75 0.00	33.15 1.63 0.00	39.89 1.57 0.00	46.50 1.55 0.00	51.43 1.99 0.00	54.68 2.04 0.00	55.20 2.04 -0.36	58.04 2.48 -0.84	71.90 3.03 -2.18	75.07 4.18 0.00	84.07 5.91 0.00	117.41 9.73 -1.45	213.08 12.64 -66.72	240.90 18.90 -30.64	680.40 52.80 -103.12	599.92 52.45 -5.70	512.74 40.98 0.00	289.98 22.60 5.03	52.10 4.58 8.83	49.97 3.36 1.25	52.01 2.32 0.61
NYPA____HOLTSVILL 23794	50.41 0.57 3.06	47.83 1.39 0.00	34.14 1.45 0.00	33.74 1.61 0.00	32.93 1.41 0.00	39.64 1.32 0.00	45.76 0.80 0.00	50.45 1.01 0.00	45.89 0.74 7.49	39.88 0.86 13.78	57.82 2.25 -0.85	71.53 2.21 -2.63	73.26 3.15 0.78	84.34 6.04 -0.13	84.75 11.17 32.65	239.46 13.50 -92.23	184.90 20.39 26.86	550.48 58.64 32.65	532.58 57.11 66.31	438.86 42.87 75.77	312.40 25.72 -14.27	74.77 4.91 -13.50	48.63 3.65 2.88	49.00 2.61 3.91
NYPA____HELLGATE_GT1 24158	54.70 1.80 0.00	48.66 2.22 0.00	34.45 1.75 0.00	33.90 1.77 0.00	33.17 1.65 0.00	39.92 1.59 0.00	46.50 1.54 0.00	51.42 1.98 0.00	54.72 2.08 0.00	55.31 2.15 -0.36	58.24 2.68 -0.85	72.09 3.21 -2.18	75.27 4.38 -0.01	84.26 6.09 -0.01	117.79 10.10 -1.46	255.91 12.98 -109.20	241.54 19.53 -30.64	685.81 54.42 -106.90	601.65 54.17 -5.71	514.09 42.32 -0.01	295.91 23.50 -0.01	61.13 4.76 -0.01	51.40 3.53 -0.01	52.81 2.50 -0.01
NYPA____HELLGATE_GT2 24159	54.70 1.80 0.00	48.66 2.22 0.00	34.45 1.75 0.00	33.90 1.77 0.00	33.17 1.65 0.00	39.92 1.59 0.00	46.50 1.54 0.00	51.42 1.98 0.00	54.72 2.08 0.00	55.31 2.15 -0.36	58.24 2.68 -0.85	72.09 3.21 -2.18	75.27 4.38 -0.01	84.26 6.09 -0.01	117.79 10.10 -1.46	255.91 12.98 -109.20	241.54 19.53 -30.64	685.81 54.42 -106.90	601.65 54.17 -5.71	514.09 42.32 -0.01	295.91 23.50 -0.01	61.13 4.76 -0.01	51.40 3.53 -0.01	52.81 2.50 -0.01
NYS_BARGE____HYD 23848	55.35 2.44 0.00	47.92 1.48 0.00	33.41 0.71 0.00	32.28 0.15 0.00	31.56 0.04 0.00	38.80 0.47 0.00	45.51 0.56 0.00	49.76 0.32 0.00	53.84 1.20 0.00	54.22 1.42 0.00	56.33 1.61 0.00	69.21 2.52 0.00	74.07 3.19 0.00	81.21 3.05 0.00	112.72 6.49 0.00	143.05 9.32 0.00	198.93 7.56 0.00	542.33 17.85 0.00	561.85 20.07 0.00	492.15 20.39 0.00	286.12 13.71 0.00	58.85 2.49 0.00	50.13 2.26 0.00	53.20 2.90 0.00
OAK ORCHARD____HYD 24046	55.33 2.43 0.00	48.07 1.63 0.00	33.61 0.91 0.00	32.67 0.53 0.00	31.93 0.41 0.00	39.05 0.72 0.00	45.90 0.95 0.00	50.42 0.98 0.00	54.30 1.66 0.00	54.66 1.87 0.00	56.88 2.16 0.00	69.92 3.23 0.00	74.82 3.93 0.00	82.61 4.45 0.00	113.98 7.74 0.00	144.55 10.82 0.00	203.19 11.82 0.00	554.80 30.31 0.00	575.03 33.26 0.00	502.40 30.63 0.00	290.80 18.39 0.00	59.91 3.55 0.00	50.73 2.87 0.00	53.24 2.94 0.00

OAKDALE___35_KV_LOAD 356122	53.71 0.78 -0.02	47.04 0.57 -0.03	33.11 0.41 0.00	32.54 0.40 0.00	31.73 0.21 0.00	38.71 0.38 0.00	45.32 0.37 0.00	49.91 0.47 0.00	53.19 0.55 0.00	53.39 0.59 0.00	55.42 0.70 0.00	67.92 1.23 0.00	72.83 1.94 0.00	80.71 2.55 0.00	111.23 5.00 0.00	140.21 6.48 0.00	199.64 8.26 0.00	546.29 21.80 0.00	563.96 22.18 0.00	490.43 18.67 0.00	284.62 12.21 0.00	58.59 2.23 0.00	49.57 1.71 0.00	51.58 1.28 0.00
OCC_CHEM___DRP 24175	54.63 1.72 0.00	47.30 0.86 0.00	33.00 0.30 0.00	31.88 -0.25 0.00	31.15 -0.37 0.00	38.19 -0.14 0.00	44.88 -0.07 0.00	49.03 -0.40 0.00	53.11 0.48 0.00	53.50 0.71 0.00	55.68 0.96 0.00	68.49 1.80 0.00	73.30 2.41 0.00	80.58 2.42 0.00	111.35 5.11 0.00	140.98 7.25 0.00	195.83 4.46 0.00	533.26 8.77 0.00	550.65 8.87 0.00	481.92 10.15 0.00	280.32 7.92 0.00	57.75 1.39 0.00	49.14 1.28 0.00	52.19 1.90 0.00
OH_GEN_PROXY 24063	58.67 1.84 -3.93	47.42 0.98 0.00	33.10 0.40 0.00	32.01 -0.12 0.00	31.25 -0.27 0.00	37.42 0.01 0.91	45.06 0.11 0.00	46.85 -0.18 2.41	52.81 0.68 0.51	52.33 0.90 1.36	55.82 1.10 0.00	68.69 2.00 0.00	73.57 2.69 0.00	81.01 2.85 0.00	112.36 6.12 0.00	146.36 8.60 -4.03	198.08 6.71 0.00	539.29 14.80 0.00	557.51 15.73 0.00	487.88 16.12 0.00	202.47 11.44 81.38	58.41 2.05 0.00	47.96 1.76 1.66	52.56 2.27 0.00
OLIN_CORP_DRP 24177	54.80 1.89 0.00	47.46 1.02 0.00	33.10 0.40 0.00	31.97 -0.16 0.00	31.28 -0.24 0.00	38.47 0.15 0.00	45.07 0.12 0.00	49.22 -0.21 0.00	53.29 0.65 0.00	53.70 0.91 0.00	55.85 1.13 0.00	68.66 1.97 0.00	73.47 2.58 0.00	80.40 2.23 0.00	111.55 5.31 0.00	141.65 7.93 0.00	196.74 5.37 0.00	536.05 11.56 0.00	553.76 11.98 0.00	485.00 13.24 0.00	282.11 9.70 0.00	58.12 1.76 0.00	49.50 1.64 0.00	52.68 2.38 0.00
OLIN_CORP_DSASP 323712	54.63 1.72 0.00	47.30 0.86 0.00	33.00 0.30 0.00	31.88 -0.25 0.00	31.15 -0.37 0.00	38.19 -0.14 0.00	44.89 -0.06 0.00	49.03 -0.41 0.00	53.13 0.49 0.00	53.50 0.71 0.00	55.68 0.96 0.00	68.49 1.80 0.00	73.30 2.41 0.00	80.58 2.42 0.00	111.39 5.16 0.00	141.02 7.30 0.00	195.88 4.51 0.00	532.77 8.28 0.00	550.73 8.95 0.00	481.92 10.15 0.00	280.33 7.92 0.00	57.77 1.41 0.00	49.14 1.28 0.00	52.19 1.89 0.00
ONEIDA_HERK_LFGE 323681	55.07 2.15 -0.01	48.29 1.84 -0.02	33.93 1.23 0.00	33.29 1.16 0.00	32.65 1.13 0.00	39.77 1.44 0.00	46.72 1.77 0.00	51.30 1.86 0.00	54.42 1.78 0.00	54.36 1.57 0.00	56.14 1.42 0.00	68.25 1.56 0.00	72.56 1.67 0.00	79.99 1.83 0.00	91.95 2.58 16.86	136.65 3.02 0.09	196.05 4.68 0.00	538.04 13.55 0.00	560.22 18.44 0.00	492.10 20.34 0.00	283.14 10.73 0.00	58.14 1.97 0.19	49.51 1.65 0.00	53.68 1.32 -2.05
ONEIDA___115KV_TB4 55905	54.85 1.93 -0.02	48.10 1.64 -0.02	33.82 1.12 0.00	33.20 1.07 0.00	32.53 1.01 0.00	39.61 1.28 0.00	46.47 1.52 0.00	51.09 1.65 0.00	54.25 1.61 0.00	54.29 1.49 0.00	56.10 1.38 0.00	68.23 1.54 0.00	72.65 1.76 0.00	80.34 2.18 0.00	102.80 3.68 7.12	138.60 4.91 0.04	198.54 7.17 0.00	545.46 20.97 0.00	566.00 24.22 0.00	496.03 24.27 0.00	287.08 14.68 0.00	59.23 2.87 0.00	50.40 2.54 0.00	53.32 2.16 -0.87
ONONDAGA_REF_OCCRA 23987	53.33 0.38 -0.04	46.69 0.20 -0.05	32.82 0.13 0.00	32.20 0.07 0.00	31.50 -0.02 0.00	38.35 0.02 0.00	44.95 0.00 0.00	49.50 0.06 0.00	52.77 0.12 0.00	52.95 0.16 0.00	54.94 0.22 0.00	67.25 0.56 0.00	71.97 1.09 0.00	79.47 1.31 0.00	105.90 2.78 3.11	137.78 4.07 0.02	196.65 5.28 0.00	538.03 13.54 0.00	556.37 14.59 0.00	485.46 13.70 0.00	280.65 8.24 0.00	57.87 1.51 0.00	48.98 1.12 0.00	51.24 0.76 -0.18
ONONDAGA___COGEN 23986	53.07 0.11 -0.06	46.46 -0.05 -0.07	32.64 -0.06 0.00	32.02 -0.11 0.00	31.34 -0.18 0.00	38.15 -0.17 0.00	44.72 -0.23 0.00	49.20 -0.24 0.00	52.50 -0.14 0.00	52.68 -0.12 0.00	54.67 -0.05 0.00	66.98 0.29 0.00	71.80 0.92 0.00	79.10 0.94 0.00	105.65 2.22 2.80	137.03 3.32 0.02	195.31 3.94 0.00	533.36 8.87 0.00	551.45 9.67 0.00	481.06 9.30 0.00	278.40 5.99 0.00	57.42 1.06 0.00	48.62 0.75 0.00	50.90 0.44 -0.17
ONTARIO___LFGE 23819	54.99 2.06 -0.02	47.98 1.51 -0.03	33.74 1.04 0.00	33.01 0.88 0.00	32.21 0.70 0.00	39.42 1.09 0.00	46.29 1.34 0.00	50.74 1.30 0.00	54.05 1.42 0.00	54.17 1.38 0.00	56.19 1.47 0.00	69.02 2.32 0.00	74.12 3.24 0.00	82.01 3.85 0.00	113.06 6.82 0.00	143.16 9.44 0.00	202.93 11.55 0.00	555.54 31.06 0.00	577.62 35.84 0.00	506.15 34.39 0.00	293.17 20.77 0.00	60.31 3.94 0.00	50.84 2.98 0.00	52.94 2.64 0.00
ORANGEVILLE_WT_PWR 323706	55.12 2.21 0.00	47.87 1.43 0.00	33.50 0.80 0.00	32.59 0.46 0.00	31.76 0.24 0.00	39.02 0.69 0.00	45.82 0.87 0.00	50.05 0.61 0.00	53.67 1.03 0.00	53.88 1.08 0.00	55.94 1.22 0.00	68.90 2.20 0.00	73.87 2.99 0.00	81.51 3.35 0.00	113.21 6.98 0.00	143.28 9.56 0.00	200.91 9.54 0.00	548.33 23.84 0.00	569.18 27.40 0.00	499.08 27.32 0.00	290.49 18.09 0.00	59.43 3.07 0.00	50.27 2.40 0.00	52.74 2.44 0.00
ORANGEVILLE___ESR 323794	55.12 2.21 0.00	47.87 1.43 0.00	33.50 0.80 0.00	32.59 0.46 0.00	31.76 0.24 0.00	39.02 0.69 0.00	45.82 0.87 0.00	50.05 0.61 0.00	53.67 1.03 0.00	53.88 1.08 0.00	55.94 1.22 0.00	68.90 2.20 0.00	73.87 2.99 0.00	81.51 3.35 0.00	113.21 6.98 0.00	143.28 9.56 0.00	200.91 9.54 0.00	548.33 23.84 0.00	569.18 27.40 0.00	499.08 27.32 0.00	290.49 18.09 0.00	59.43 3.07 0.00	50.27 2.40 0.00	52.74 2.44 0.00
OSWEGATCHIE___HYD 24044	55.12 2.20 -0.02	48.21 1.74 -0.02	33.79 1.09 0.00	33.04 0.91 0.00	32.47 0.95 0.00	39.72 1.40 0.00	46.93 1.98 0.00	51.36 1.92 0.00	54.24 1.60 0.00	53.91 1.12 0.00	55.26 0.54 0.00	66.97 0.28 0.00	70.59 -0.30 0.00	77.01 -1.15 0.00	17.46 -3.53 85.24	127.43 -5.81 0.48	183.72 -7.66 0.00	503.46 -21.02 0.00	526.24 -15.54 0.00	464.95 -6.82 0.00	266.35 -6.05 0.00	53.38 -1.17 1.81	47.51 -0.35 0.00	60.79 0.11 -10.39
OSWEGO___5 23606	52.49 -0.68 -0.26	46.05 -0.70 -0.30	32.21 -0.49 0.00	31.60 -0.53 0.00	30.95 -0.57 0.00	37.65 -0.67 0.00	44.11 -0.84 0.00	48.51 -0.92 0.00	51.71 -0.93 0.00	51.85 -0.94 0.00	53.73 -0.99 0.00	65.63 -1.07 0.00	69.98 -0.90 0.00	77.25 -0.91 0.00	105.73 -0.50 0.00	133.49 -0.24 0.00	190.51 -0.86 0.00	520.82 -3.67 0.00	537.59 -4.19 0.00	468.71 -3.05 0.00	271.01 -1.40 0.00	56.04 -0.32 0.00	47.58 -0.29 0.00	49.75 -0.54 0.00
OSWEGO___6 23613	52.49 -0.68 -0.26	46.05 -0.70 -0.30	32.21 -0.49 0.00	31.60 -0.53 0.00	30.95 -0.57 0.00	37.65 -0.67 0.00	44.11 -0.84 0.00	48.51 -0.92 0.00	51.71 -0.93 0.00	51.85 -0.94 0.00	53.73 -0.99 0.00	65.63 -1.07 0.00	69.98 -0.90 0.00	77.25 -0.91 0.00	105.73 -0.50 0.00	133.49 -0.24 0.00	190.51 -0.86 0.00	520.82 -3.67 0.00	537.59 -4.19 0.00	468.71 -3.05 0.00	271.01 -1.40 0.00	56.04 -0.32 0.00	47.58 -0.29 0.00	49.75 -0.54 0.00

OUTOKUMPU-AB___DRP 24206	56.00 3.10 0.00	48.42 1.98 0.00	33.76 1.06 0.00	32.63 0.50 0.00	31.86 0.34 0.00	39.14 0.82 0.00	46.01 1.05 0.00	50.32 0.88 0.00	54.53 1.88 0.00	54.89 2.10 0.00	57.07 2.35 0.00	70.34 3.65 0.00	75.37 4.48 0.00	82.83 4.67 0.00	114.80 8.56 0.00	145.50 11.77 0.00	202.70 11.33 0.00	553.27 28.78 0.00	571.82 30.04 0.00	499.36 27.60 0.00	290.21 17.80 0.00	59.57 3.21 0.00	50.67 2.81 0.00	53.61 3.32 0.00
OXBOW___BTM 323836	55.38 2.47 0.00	47.89 1.45 0.00	33.40 0.70 0.00	32.27 0.14 0.00	31.51 -0.01 0.00	38.68 0.36 0.00	45.46 0.51 0.00	49.69 0.25 0.00	53.88 1.23 0.00	54.25 1.46 0.00	56.46 1.74 0.00	69.54 2.85 0.00	74.48 3.59 0.00	81.62 3.46 0.00	112.95 6.72 0.00	143.05 9.32 0.00	199.03 7.65 0.00	542.20 17.72 0.00	560.67 18.89 0.00	489.96 18.20 0.00	284.85 12.44 0.00	58.63 2.27 0.00	49.99 2.13 0.00	52.97 2.68 0.00
OXBOW___ 24026	55.38 2.48 0.00	47.89 1.45 0.00	33.40 0.70 0.00	32.27 0.14 0.00	31.51 -0.01 0.00	38.68 0.35 0.00	45.47 0.51 0.00	49.70 0.26 0.00	53.87 1.23 0.00	54.26 1.47 0.00	56.46 1.74 0.00	69.55 2.86 0.00	74.48 3.59 0.00	81.61 3.45 0.00	112.91 6.67 0.00	143.01 9.28 0.00	199.04 7.67 0.00	542.65 18.16 0.00	560.63 18.85 0.00	489.98 18.22 0.00	284.87 12.46 0.00	58.63 2.27 0.00	50.00 2.13 0.00	52.98 2.68 0.00
OXY_CHEM_DSASP 323612	54.63 1.72 0.00	47.30 0.86 0.00	33.00 0.30 0.00	31.88 -0.25 0.00	31.15 -0.37 0.00	38.19 -0.14 0.00	44.88 -0.07 0.00	49.03 -0.40 0.00	53.11 0.48 0.00	53.50 0.71 0.00	55.68 0.96 0.00	68.49 1.80 0.00	73.30 2.41 0.00	80.58 2.42 0.00	111.35 5.11 0.00	140.98 7.25 0.00	195.83 4.46 0.00	533.26 8.77 0.00	550.65 8.87 0.00	481.92 10.15 0.00	280.32 7.92 0.00	57.75 1.39 0.00	49.14 1.28 0.00	52.19 1.90 0.00
OZONE_PARK_ESR 323760	55.54 2.63 0.00	49.31 2.87 0.00	34.87 2.17 0.00	34.35 2.22 0.00	33.57 2.05 0.00	40.43 2.11 0.00	47.18 2.23 0.00	52.22 2.78 0.00	55.57 2.93 0.00	56.30 3.14 -0.36	59.29 3.73 -0.85	73.59 4.72 -2.18	76.89 6.01 0.00	86.14 7.98 0.00	120.18 12.50 -1.44	258.86 16.17 -108.96	246.02 24.07 -30.57	699.12 67.97 -106.67	615.76 68.29 -5.69	526.13 54.37 0.00	302.86 30.46 0.00	62.53 6.17 0.00	52.49 4.63 0.00	53.90 3.60 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	54.63 1.72 0.00	47.30 0.86 0.00	33.00 0.30 0.00	31.88 -0.25 0.00	31.15 -0.37 0.00	38.19 -0.14 0.00	44.88 -0.07 0.00	49.03 -0.40 0.00	53.11 0.48 0.00	53.50 0.71 0.00	55.68 0.96 0.00	68.49 1.80 0.00	73.30 2.41 0.00	80.58 2.42 0.00	111.35 5.11 0.00	140.98 7.25 0.00	195.83 4.46 0.00	533.26 8.77 0.00	550.65 8.87 0.00	481.92 10.15 0.00	280.32 7.92 0.00	57.75 1.39 0.00	49.14 1.28 0.00	52.19 1.90 0.00
PACKARD___115KV_DUPONT_184 80571	54.63 1.72 0.00	47.30 0.86 0.00	33.00 0.30 0.00	31.88 -0.25 0.00	31.15 -0.37 0.00	38.19 -0.14 0.00	44.88 -0.07 0.00	49.03 -0.40 0.00	53.11 0.48 0.00	53.50 0.71 0.00	55.68 0.96 0.00	68.49 1.80 0.00	73.30 2.41 0.00	80.58 2.42 0.00	111.35 5.11 0.00	140.98 7.25 0.00	195.83 4.46 0.00	533.26 8.77 0.00	550.65 8.87 0.00	481.92 10.15 0.00	280.32 7.92 0.00	57.75 1.39 0.00	49.14 1.28 0.00	52.19 1.90 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	54.74 1.83 0.00	48.69 2.25 0.00	34.46 1.77 0.00	33.91 1.78 0.00	33.19 1.67 0.00	39.95 1.63 0.00	46.55 1.60 0.00	51.47 2.03 0.00	54.75 2.11 0.00	55.32 2.17 -0.36	58.29 2.73 -0.85	72.23 3.35 -2.18	75.42 4.53 0.00	84.41 6.25 0.00	117.89 10.21 -1.45	256.18 13.26 -109.20	241.67 19.67 -30.64	686.68 55.29 -106.90	602.54 55.06 -5.70	514.69 42.92 0.00	296.35 23.93 -0.01	61.20 4.84 0.00	51.44 3.58 0.00	52.86 2.56 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	56.67 3.76 0.00	50.32 3.88 0.00	35.58 2.88 0.00	35.01 2.88 0.00	34.28 2.76 0.00	41.31 2.98 0.00	48.21 3.26 0.00	53.28 3.85 0.00	56.73 4.09 0.00	57.30 4.14 -0.36	60.22 4.66 -0.85	74.49 5.62 -2.18	77.84 6.95 0.00	87.22 9.06 0.00	121.96 14.27 -1.45	261.59 18.67 -109.20	248.38 26.37 -30.64	705.51 74.13 -106.90	622.32 74.83 -5.70	532.25 60.49 0.00	306.54 34.13 -0.01	63.31 6.95 0.00	53.21 5.34 0.00	54.73 4.42 -0.01
PATROON___115KV_TB1 80586	52.63 -0.27 0.00	46.51 0.07 0.00	32.94 0.24 0.00	32.61 0.48 0.00	31.95 0.43 0.00	38.40 0.08 0.00	44.77 -0.18 0.00	49.30 -0.14 0.00	52.45 -0.19 0.00	52.25 -0.25 0.29	53.82 -0.21 0.68	64.81 -0.13 1.75	71.14 0.25 0.00	79.07 0.91 0.00	108.12 1.96 0.07	131.09 2.88 5.51	195.11 5.29 1.55	535.97 16.87 5.40	558.69 17.19 0.29	485.35 13.59 0.00	280.41 8.00 0.00	58.14 1.78 0.00	49.10 1.24 0.00	50.94 0.64 0.00
PATTRSNVILLE___SOLAR 323815	54.50 1.60 0.00	48.00 1.56 0.00	33.85 1.15 0.00	33.27 1.14 0.00	32.63 1.11 0.00	39.52 1.20 0.00	46.17 1.22 0.00	50.61 1.17 0.00	53.52 0.88 0.00	53.15 0.59 0.24	54.67 0.50 0.55	65.99 0.72 1.42	72.04 1.15 0.00	79.80 1.64 0.00	108.92 2.74 0.06	132.72 3.65 4.65	196.13 6.06 1.31	539.55 19.62 4.56	565.53 24.00 0.24	495.90 24.14 0.00	287.50 15.09 0.00	59.51 3.15 0.00	50.30 2.44 0.00	52.40 2.10 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	55.75 2.84 0.00	48.22 1.78 0.00	33.66 0.96 0.00	32.64 0.51 0.00	31.80 0.28 0.00	39.09 0.76 0.00	45.97 1.02 0.00	50.37 0.93 0.00	54.48 1.84 0.00	54.94 2.14 0.00	57.11 2.40 0.00	70.54 3.85 0.00	75.69 4.80 0.00	83.60 5.44 0.00	116.14 9.91 0.00	147.05 13.32 0.00	205.75 14.38 0.00	562.31 37.83 0.00	580.27 38.49 0.00	505.98 34.22 0.00	294.48 22.07 0.00	60.16 3.80 0.00	50.98 3.12 0.00	53.66 3.36 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	54.74 1.84 0.00	48.46 2.01 0.00	34.27 1.57 0.00	33.80 1.66 0.00	33.05 1.53 0.00	39.82 1.50 0.00	46.43 1.48 0.00	51.36 1.93 0.00	54.72 2.08 0.00	55.43 2.31 -0.33	58.26 2.78 -0.75	72.15 3.52 -1.94	75.49 4.60 0.00	84.46 6.30 0.00	116.37 10.26 0.13	137.55 13.56 9.73	209.08 20.44 2.73	573.14 58.18 9.53	599.54 58.27 0.51	514.81 43.05 0.00	298.30 25.89 0.00	61.55 5.19 0.00	51.67 3.81 0.00	53.11 2.81 0.00
PEEKSKILL___ 23653	54.23 1.32 0.00	48.05 1.61 0.00	34.00 1.30 0.00	33.56 1.42 0.00	32.79 1.27 0.00	39.50 1.18 0.00	46.02 1.06 0.00	50.84 1.41 0.00	54.12 1.48 0.00	54.84 1.69 -0.36	57.72 2.17 -0.83	71.58 2.74 -2.14	74.65 3.76 0.00	83.57 5.41 0.00	116.34 8.92 -1.18	234.91 11.83 -89.34	234.20 17.76 -25.07	662.52 50.57 -87.46	596.76 50.32 -4.66	510.84 39.08 0.00	294.59 22.18 0.00	60.86 4.50 0.00	51.13 3.26 0.00	52.56 2.26 0.00
PGE MADISON___WINDPWR 24146	57.46 4.53 -0.03	50.33 3.86 -0.03	35.35 2.65 0.00	34.53 2.40 0.00	33.55 2.03 0.00	41.22 2.90 0.00	48.55 3.59 0.00	53.68 4.24 0.00	57.05 4.40 0.00	56.99 4.20 0.00	59.04 4.33 0.00	72.32 5.63 0.00	77.65 6.76 0.00	86.29 8.13 0.00	118.46 12.23 0.00	149.22 15.49 0.00	213.42 22.04 0.00	587.61 63.12 0.00	612.65 70.87 0.00	538.20 66.44 0.00	312.54 40.14 0.00	64.07 7.71 0.00	53.68 5.82 0.00	55.63 5.33 0.00

PIERCEFIELD___HYD 23852	54.12 1.21 -0.01	47.29 0.83 -0.01	33.15 0.45 0.00	32.43 0.29 0.00	31.92 0.41 0.00	39.12 0.80 0.00	46.39 1.43 0.00	50.74 1.30 0.00	53.61 0.97 0.00	53.37 0.58 0.00	54.50 -0.22 0.00	65.94 -0.76 0.00	69.35 -1.54 0.00	75.34 -2.82 0.00	-26.59 -6.94 125.87	122.10 -10.89 0.73	176.83 -14.54 0.00	484.05 -40.43 0.00	503.01 -38.77 0.00	443.07 -28.69 0.00	254.49 -17.92 0.00	50.35 -3.27 2.74	46.08 -1.78 0.00	65.24 -0.40 -15.34
PINELAWN_CC_1 323563	50.86 0.64 2.69	47.82 1.37 0.00	34.08 1.38 0.00	33.65 1.51 0.00	32.84 1.32 0.00	39.53 1.21 0.00	45.67 0.71 0.00	50.43 0.99 0.00	46.78 0.71 6.57	41.56 0.81 12.04	57.53 1.96 -0.85	71.27 1.82 -2.75	73.34 2.87 0.41	84.34 5.73 -0.45	100.93 10.46 15.76	246.69 13.08 -99.88	202.75 20.21 8.84	683.29 59.38 -99.43	672.70 58.64 -72.27	509.83 44.98 6.91	330.05 25.38 -32.27	76.48 4.81 -15.31	55.80 3.47 -4.47	53.57 2.52 -0.75
PJM_GEN_HTTP_PROXY 323702	54.61 1.71 0.00	48.53 2.09 0.00	34.34 1.65 0.00	33.86 1.73 0.00	33.10 1.58 0.00	39.58 1.54 0.28	47.41 1.53 -0.93	53.01 1.98 -1.59	58.49 2.06 -3.79	55.41 2.25 -0.36	58.34 2.78 -0.85	72.38 3.51 -2.18	75.57 4.68 0.00	84.63 6.48 0.00	116.17 10.46 0.52	256.00 13.57 -108.70	242.16 20.29 -30.50	670.20 58.00 -87.71	584.57 57.60 14.81	517.00 45.24 0.00	297.64 25.24 0.00	67.99 5.10 -6.53	51.29 3.77 0.35	55.41 2.74 -2.38
PJM_GEN_KEystone 24065	53.93 1.02 0.00	47.34 0.90 0.00	33.33 0.63 0.00	33.52 0.62 -0.77	31.15 0.41 0.78	39.09 0.48 -0.28	46.29 0.41 -0.93	51.54 0.52 -1.59	57.19 0.76 -3.79	53.94 0.95 -0.20	56.40 1.23 -0.45	69.79 1.93 -1.17	73.70 2.82 0.00	82.16 4.00 0.00	421.33 7.50 -307.60	384.49 9.89 -240.88	214.89 12.59 -10.93	578.09 34.17 -19.43	557.29 33.96 18.45	498.37 26.61 0.00	288.96 16.55 0.00	80.08 3.16 -20.56	49.47 2.34 0.74	42.40 1.74 9.63
PJM_GEN_NEPTUNE_PROXY 323594	50.49 0.90 3.31	47.99 1.55 0.00	34.15 1.45 0.00	33.71 1.58 0.00	32.92 1.40 0.00	39.34 1.30 0.28	46.77 0.89 -0.93	52.18 1.16 -1.59	49.28 0.95 4.31	38.93 1.07 14.92	57.63 2.07 -0.85	70.95 2.07 -2.18	73.96 3.08 0.01	83.98 5.91 0.09	70.83 10.35 45.75	233.28 13.17 -86.38	159.88 20.24 51.73	443.44 58.86 139.90	426.54 58.88 174.11	405.00 45.70 112.46	303.01 25.70 -4.90	80.08 4.90 -18.82	43.58 3.55 7.84	48.13 2.49 4.66
PJM_GEN_VFT_PROXY 323633	54.43 1.53 0.00	48.34 1.90 0.00	34.22 1.52 0.00	33.73 1.60 0.00	32.97 1.45 0.00	39.42 1.38 0.28	47.21 1.33 -0.93	52.76 1.74 -1.59	58.17 1.75 -3.79	55.11 1.95 -0.36	58.02 2.45 -0.85	71.96 3.09 -2.18	75.10 4.21 0.00	84.17 6.01 0.00	115.56 9.84 0.52	255.57 12.88 -108.96	241.24 19.29 -30.57	666.95 54.50 -87.96	581.23 54.25 14.80	514.22 42.45 0.00	295.85 23.44 0.00	67.66 4.78 -6.53	51.02 3.51 0.35	55.11 2.43 -2.38
PLATSBURG_115KV_PMLD1 355749	53.32 0.42 0.00	46.89 0.45 0.00	32.92 0.22 0.00	32.34 0.21 0.00	31.87 0.35 0.00	38.91 0.58 0.00	45.99 1.04 0.00	50.27 0.84 0.00	53.17 0.53 0.00	53.41 0.62 0.00	55.11 0.40 0.00	67.12 0.42 0.00	71.21 0.33 0.00	77.86 -0.30 0.00	103.95 -2.28 0.00	131.02 -2.71 0.00	184.75 -6.62 0.00	501.94 -22.55 0.00	519.44 -22.34 0.00	453.36 -18.40 0.00	261.30 -11.11 0.00	50.05 -2.86 3.45	45.03 -2.84 0.00	47.15 -1.87 1.27
PLEASANTVLY___LBMP 24000	53.68 0.78 0.00	47.57 1.13 0.00	33.68 0.98 0.00	33.25 1.11 0.00	32.53 1.01 0.00	39.16 0.84 0.00	45.61 0.65 0.00	50.37 0.94 0.00	53.60 0.96 0.00	54.28 1.08 -0.41	57.10 1.43 -0.95	70.96 1.81 -2.46	73.56 2.68 0.00	82.20 4.04 0.00	112.88 6.84 0.19	128.47 9.07 14.33	201.41 14.06 4.02	550.85 40.39 14.03	581.02 39.99 0.75	502.33 30.57 0.00	290.26 17.86 0.00	60.07 3.71 0.00	50.54 2.68 0.00	52.07 1.77 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	54.18 1.27 0.00	48.01 1.57 0.00	33.98 1.28 0.00	33.53 1.39 0.00	32.80 1.28 0.00	39.50 1.17 0.00	46.05 1.09 0.00	50.86 1.42 0.00	54.14 1.49 0.00	54.84 1.67 -0.37	57.68 2.10 -0.86	71.59 2.67 -2.23	74.54 3.65 0.00	83.39 5.23 0.00	114.01 8.68 0.91	76.21 11.34 68.85	189.37 17.31 19.32	506.39 49.30 67.40	587.29 49.11 3.59	509.68 37.92 0.00	294.10 21.69 0.00	60.78 4.42 0.00	51.08 3.22 0.00	52.56 2.26 0.00
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	54.18 1.27 0.00	48.01 1.57 0.00	33.98 1.28 0.00	33.53 1.39 0.00	32.80 1.28 0.00	39.50 1.17 0.00	46.05 1.09 0.00	50.86 1.42 0.00	54.14 1.49 0.00	54.84 1.67 -0.37	57.68 2.10 -0.86	71.59 2.67 -2.23	74.54 3.65 0.00	83.39 5.23 0.00	114.01 8.68 0.91	76.21 11.34 68.85	189.37 17.31 19.32	506.39 49.30 67.40	587.29 49.11 3.59	509.68 37.92 0.00	294.10 21.69 0.00	60.78 4.42 0.00	51.08 3.22 0.00	52.56 2.26 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	54.34 1.44 0.00	48.08 1.64 0.00	34.01 1.31 0.00	33.56 1.42 0.00	32.84 1.32 0.00	39.55 1.22 0.00	46.10 1.14 0.00	50.94 1.50 0.00	54.25 1.61 0.00	54.55 1.76 0.00	56.88 2.16 0.00	69.39 2.70 0.00	74.54 3.65 0.00	83.33 5.17 0.00	114.72 8.58 0.09	138.54 11.33 6.52	207.12 17.58 1.83	568.68 50.57 6.38	592.13 50.69 0.34	509.32 37.56 0.00	295.23 22.82 0.00	60.99 4.63 0.00	51.24 3.38 0.00	52.70 2.41 0.00
POLETTI____ 23519	54.64 1.74 0.00	48.53 2.09 0.00	34.37 1.67 0.00	33.87 1.74 0.00	33.12 1.60 0.00	39.86 1.54 0.00	46.48 1.53 0.00	51.43 1.99 0.00	54.70 2.07 0.00	55.43 2.27 -0.36	58.30 2.74 -0.85	72.32 3.45 -2.18	75.49 4.60 0.00	84.57 6.41 0.00	118.07 10.39 -1.44	256.24 13.55 -108.96	242.19 20.25 -30.57	688.46 57.30 -106.67	604.65 57.18 -5.69	516.65 44.89 0.00	297.38 24.97 0.00	61.39 5.03 0.00	51.56 3.70 0.00	52.96 2.66 0.00
POMONA___ESR 323819	54.24 1.33 0.00	48.03 1.58 0.00	33.97 1.27 0.00	33.55 1.42 0.00	32.77 1.25 0.00	39.45 1.13 0.00	45.96 1.01 0.00	50.77 1.34 0.00	54.06 1.43 0.00	54.84 1.70 -0.34	57.72 2.21 -0.79	71.59 2.85 -2.04	74.75 3.87 0.00	83.74 5.58 0.00	116.37 9.20 -0.94	216.87 12.25 -70.89	229.59 18.32 -19.89	645.91 52.02 -69.40	597.11 51.63 -3.70	511.82 40.05 0.00	295.01 22.60 0.00	60.94 4.58 0.00	51.16 3.30 0.00	52.56 2.27 0.00
PORT_JEFF_3 23555	50.55 0.71 3.06	47.93 1.48 0.00	34.20 1.51 0.00	33.80 1.66 0.00	32.98 1.46 0.00	39.71 1.39 0.00	45.84 0.89 0.00	50.56 1.12 0.00	46.03 0.87 7.48	39.97 0.94 13.76	57.92 2.35 -0.85	71.61 2.26 -2.65	73.07 3.04 0.86	84.00 5.70 -0.14	84.61 10.82 32.45	238.83 12.75 -92.35	186.13 19.30 24.54	548.55 55.06 31.00	529.57 52.88 65.08	435.06 39.05 75.75	310.20 23.63 -14.16	74.50 4.62 -13.52	48.64 3.57 2.80	49.11 2.67 3.86
PORT_JEFF_4 23616	50.55 0.71 3.06	47.93 1.48 0.00	34.20 1.51 0.00	33.80 1.66 0.00	32.98 1.46 0.00	39.71 1.39 0.00	45.84 0.89 0.00	50.56 1.12 0.00	46.03 0.87 7.48	39.97 0.94 13.76	57.92 2.35 -0.85	71.61 2.26 -2.65	73.07 3.04 0.86	84.00 5.70 -0.14	84.61 10.82 32.45	238.83 12.75 -92.35	186.13 19.30 24.54	548.55 55.06 31.00	529.57 52.88 65.08	435.06 39.05 75.75	310.20 23.63 -14.16	74.50 4.62 -13.52	48.64 3.57 2.80	49.11 2.67 3.86

PORT_JEFF_IC 23713	50.66 0.80 3.05	47.99 1.55 0.00	34.25 1.55 0.00	33.85 1.72 0.00	33.03 1.51 0.00	39.76 1.43 0.00	45.89 0.94 0.00	50.64 1.20 0.00	46.17 0.97 7.45	40.05 0.96 13.70	57.98 2.42 -0.85	71.73 2.38 -2.66	72.92 3.15 1.12	84.18 5.87 -0.15	85.58 11.19 31.85	239.59 13.23 -92.63	194.85 20.20 16.73	555.40 57.17 26.25	533.74 53.80 61.84	436.07 40.44 76.14	310.84 24.76 -13.68	74.68 4.74 -13.58	49.01 3.73 2.59	49.44 2.87 3.72
PPL PILGRIM_ST_GT1 24216	51.07 1.16 3.00	48.35 1.92 0.00	34.50 1.80 0.00	34.09 1.95 0.00	33.27 1.75 0.00	40.05 1.73 0.00	46.21 1.26 0.00	50.98 1.54 0.00	46.57 1.26 7.33	40.73 1.41 13.47	58.45 2.89 -0.85	76.24 3.00 -6.54	73.64 3.81 1.05	85.19 6.84 -0.19	88.46 11.94 29.72	245.30 14.10 -97.48	182.67 21.32 30.03	577.17 62.25 9.57	558.61 60.95 44.12	451.23 46.57 67.10	315.52 26.91 -16.19	75.45 5.27 -13.82	50.28 4.06 1.65	50.31 3.14 3.13
PPL PILGRIM_ST_GT2 24217	51.07 1.16 3.00	48.35 1.92 0.00	34.50 1.80 0.00	34.09 1.95 0.00	33.27 1.75 0.00	40.05 1.73 0.00	46.21 1.26 0.00	50.98 1.54 0.00	46.57 1.26 7.33	40.73 1.41 13.47	58.45 2.89 -0.85	76.24 3.00 -6.54	73.64 3.81 1.05	85.19 6.84 -0.19	88.46 11.94 29.72	245.30 14.10 -97.48	182.67 21.32 30.03	577.17 62.25 9.57	558.61 60.95 44.12	451.23 46.57 67.10	315.52 26.91 -16.19	75.45 5.27 -13.82	50.28 4.06 1.65	50.31 3.14 3.13
PPL_SHRM_GT3 24213	50.17 0.32 3.05	47.57 1.13 0.00	33.95 1.25 0.00	33.56 1.43 0.00	32.75 1.23 0.00	39.44 1.11 0.00	45.54 0.58 0.00	50.27 0.83 0.00	45.78 0.60 7.47	39.78 0.72 13.73	57.75 2.19 -0.85	71.59 2.20 -2.70	73.22 3.25 0.91	84.56 6.26 -0.14	85.80 11.75 32.18	240.61 14.38 -92.51	190.70 22.12 22.79	559.38 63.82 28.93	541.36 62.88 63.30	443.84 47.39 75.32	314.43 27.84 -14.19	75.11 5.20 -13.55	49.01 3.84 2.70	49.18 2.67 3.79
PPL_SHRM_GT4 24214	50.17 0.32 3.05	47.57 1.13 0.00	33.95 1.25 0.00	33.56 1.43 0.00	32.75 1.23 0.00	39.44 1.11 0.00	45.54 0.58 0.00	50.27 0.83 0.00	45.78 0.60 7.47	39.78 0.72 13.73	57.75 2.19 -0.85	71.59 2.20 -2.70	73.22 3.25 0.91	84.56 6.26 -0.14	85.80 11.75 32.18	240.61 14.38 -92.51	190.70 22.12 22.79	559.38 63.82 28.93	541.36 62.88 63.30	443.84 47.39 75.32	314.43 27.84 -14.19	75.11 5.20 -13.55	49.01 3.84 2.70	49.18 2.67 3.79
PROJECT___ORANGE 1 24174	52.99 0.06 -0.03	46.41 -0.07 -0.04	32.64 -0.06 0.00	32.02 -0.12 0.00	31.33 -0.19 0.00	38.13 -0.19 0.00	44.68 -0.28 0.00	49.20 -0.23 0.00	52.48 -0.16 0.00	52.69 -0.10 0.00	54.68 -0.04 0.00	66.93 0.24 0.00	71.52 0.63 0.00	79.02 0.86 0.00	104.87 2.19 3.56	137.10 3.39 0.02	195.62 4.24 0.00	535.10 10.62 0.00	552.80 11.02 0.00	481.90 10.14 0.00	278.46 6.06 0.00	57.46 1.10 0.00	48.65 0.79 0.00	50.94 0.44 -0.20
PROJECT___ORANGE 2 24166	52.99 0.06 -0.03	46.41 -0.07 -0.04	32.64 -0.06 0.00	32.02 -0.12 0.00	31.33 -0.19 0.00	38.13 -0.19 0.00	44.68 -0.28 0.00	49.20 -0.23 0.00	52.48 -0.16 0.00	52.69 -0.10 0.00	54.68 -0.04 0.00	66.93 0.24 0.00	71.52 0.63 0.00	79.02 0.86 0.00	104.87 2.19 3.56	137.10 3.39 0.02	195.62 4.24 0.00	535.10 10.62 0.00	552.80 11.02 0.00	481.90 10.14 0.00	278.46 6.06 0.00	57.46 1.10 0.00	48.65 0.79 0.00	50.94 0.44 -0.20
PUCKETT___SOLAR 323809	54.57 1.64 -0.02	47.81 1.34 -0.03	33.65 0.95 0.00	33.02 0.88 0.00	32.09 0.58 0.00	39.23 0.91 0.00	46.00 1.05 0.00	50.75 1.32 0.00	54.03 1.39 0.00	54.08 1.28 0.00	55.90 1.19 0.00	68.42 1.72 0.00	73.56 2.68 0.00	81.53 3.37 0.00	111.97 5.74 0.00	141.30 7.57 0.00	201.86 10.49 0.00	554.31 29.83 0.00	575.36 33.58 0.00	502.31 30.55 0.00	291.38 18.97 0.00	59.95 3.59 0.00	50.60 2.73 0.00	52.59 2.29 0.00
PYRITES___HYD 24023	55.30 2.39 0.00	48.27 1.83 0.00	33.84 1.15 0.00	33.07 0.94 0.00	32.61 1.09 0.00	40.02 1.70 0.00	47.47 2.51 0.00	51.79 2.36 0.00	54.33 1.69 0.00	53.97 1.17 0.00	55.13 0.41 0.00	66.71 0.02 0.00	70.10 -0.78 0.00	76.32 -1.84 0.00	-33.06 -5.68 133.61	123.00 -9.95 0.77	178.47 -12.90 0.00	490.08 -34.41 0.00	513.18 -28.60 0.00	454.76 -17.00 0.00	262.29 -10.12 0.00	51.79 -1.76 2.81	47.21 -0.65 0.00	66.97 0.82 -15.85
QUAKERRD_115KV_BK1 80622	53.81 0.91 0.00	46.81 0.36 0.00	32.78 0.08 0.00	31.91 -0.22 0.00	31.20 -0.31 0.00	38.12 -0.21 0.00	44.80 -0.15 0.00	49.13 -0.30 0.00	52.74 0.10 0.00	53.07 0.28 0.00	55.19 0.48 0.00	67.80 1.10 0.00	72.53 1.64 0.00	80.12 1.96 0.00	110.78 4.54 0.00	140.35 6.62 0.00	197.91 6.53 0.00	540.87 16.38 0.00	560.45 18.67 0.00	489.39 17.63 0.00	283.06 10.65 0.00	58.31 1.95 0.00	49.32 1.46 0.00	51.72 1.43 0.00
QUENSBRY_115KV_TB8 356137	55.54 2.63 0.00	49.02 2.57 0.00	34.65 1.96 0.00	34.08 1.95 0.00	33.47 1.95 0.00	40.43 2.11 0.00	47.04 2.08 0.00	51.80 2.36 0.00	55.05 2.41 0.00	54.46 1.99 0.32	55.75 1.77 0.74	67.29 2.49 1.90	74.19 3.30 0.00	82.55 4.39 0.00	112.91 6.75 0.07	137.59 9.04 5.18	204.40 14.49 1.45	562.30 42.88 5.07	588.26 46.75 0.27	511.35 39.58 0.00	296.67 24.26 0.00	61.78 5.42 0.00	51.92 4.06 0.00	53.94 3.65 0.00
RAMAPO___LBMP 323565	54.03 1.12 0.00	47.83 1.39 0.00	33.83 1.13 0.00	33.40 1.27 0.00	32.63 1.11 0.00	39.29 0.97 0.00	45.79 0.84 0.00	50.59 1.15 0.00	53.85 1.21 0.00	54.57 1.44 -0.34	57.39 1.90 -0.78	71.15 2.45 -2.01	74.27 3.38 0.00	83.15 4.99 0.00	115.47 8.37 -0.86	210.14 11.18 -65.24	226.31 16.64 -18.30	635.87 47.51 -63.87	592.44 47.26 -3.40	508.01 36.24 0.00	293.10 20.69 0.00	60.57 4.21 0.00	50.87 3.01 0.00	52.28 1.98 0.00
RANKINE____ 23646	55.95 3.05 0.00	48.41 1.97 0.00	33.79 1.10 0.00	32.74 0.60 0.00	31.90 0.38 0.00	39.22 0.89 0.00	46.10 1.14 0.00	50.44 1.00 0.00	54.56 1.92 0.00	54.97 2.18 0.00	57.14 2.42 0.00	70.52 3.83 0.00	75.63 4.74 0.00	83.39 5.22 0.00	115.83 9.59 0.00	146.69 12.96 0.00	204.95 13.57 0.00	559.47 34.99 0.00	577.83 36.05 0.00	504.53 32.77 0.00	293.63 21.22 0.00	60.11 3.75 0.00	50.98 3.12 0.00	53.77 3.48 0.00
RAVENSWOOD_GT2_1 24244	54.67 1.77 0.00	48.58 2.14 0.00	34.38 1.68 0.00	33.89 1.76 0.00	33.13 1.61 0.00	39.90 1.57 0.00	46.52 1.57 0.00	51.46 2.03 0.00	54.75 2.12 0.00	55.45 2.29 -0.36	58.36 2.80 -0.85	72.39 3.51 -2.18	75.55 4.66 0.00	84.62 6.46 0.00	118.12 10.44 -1.45	256.51 13.59 -109.20	242.32 20.32 -30.64	688.77 57.39 -106.90	604.62 57.14 -5.70	516.70 44.93 0.00	297.40 24.99 0.00	61.39 5.03 0.00	51.55 3.69 0.00	52.95 2.66 0.00
RAVENSWOOD_GT2_2 24245	54.67 1.77 0.00	48.58 2.14 0.00	34.38 1.68 0.00	33.89 1.76 0.00	33.13 1.61 0.00	39.90 1.57 0.00	46.52 1.57 0.00	51.46 2.03 0.00	54.75 2.12 0.00	55.45 2.29 -0.36	58.36 2.80 -0.85	72.39 3.51 -2.18	75.55 4.66 0.00	84.62 6.46 0.00	118.12 10.44 -1.45	256.51 13.59 -109.20	242.32 20.32 -30.64	688.77 57.39 -106.90	604.62 57.14 -5.70	516.70 44.93 0.00	297.40 24.99 0.00	61.39 5.03 0.00	51.55 3.69 0.00	52.95 2.66 0.00

RAVENSWOOD_GT2_3 24246	54.72 1.82 0.00	48.60 2.16 0.00	34.40 1.71 0.00	33.92 1.79 0.00	33.15 1.64 0.00	39.92 1.60 0.00	46.55 1.59 0.00	51.50 2.06 0.00	54.78 2.14 0.00	55.49 2.34 -0.36	58.41 2.85 -0.85	72.44 3.57 -2.18	75.61 4.73 0.00	84.70 6.54 0.00	118.22 10.55 -1.45	256.64 13.72 -109.20	242.50 20.49 -30.64	689.12 57.74 -106.90	605.11 57.64 -5.70	517.13 45.36 0.00	297.67 25.26 0.00	61.43 5.07 0.00	51.60 3.73 0.00	53.00 2.70 0.00
RAVENSWOOD_GT2_4 24247	54.72 1.82 0.00	48.60 2.16 0.00	34.40 1.71 0.00	33.92 1.79 0.00	33.15 1.64 0.00	39.92 1.60 0.00	46.55 1.59 0.00	51.50 2.06 0.00	54.78 2.14 0.00	55.49 2.34 -0.36	58.41 2.85 -0.85	72.44 3.57 -2.18	75.61 4.73 0.00	84.70 6.54 0.00	118.22 10.55 -1.45	256.64 13.72 -109.20	242.50 20.49 -30.64	689.12 57.74 -106.90	605.11 57.64 -5.70	517.13 45.36 0.00	297.67 25.26 0.00	61.43 5.07 0.00	51.60 3.73 0.00	53.00 2.70 0.00
RAVENSWOOD_GT3_1 24248	54.68 1.77 0.00	48.58 2.14 0.00	34.38 1.68 0.00	33.89 1.76 0.00	33.13 1.61 0.00	39.90 1.57 0.00	46.53 1.57 0.00	51.46 2.03 0.00	54.75 2.12 0.00	55.45 2.29 -0.36	58.37 2.80 -0.85	72.39 3.51 -2.18	75.55 4.66 0.00	84.62 6.46 0.00	118.13 10.44 -1.45	256.51 13.59 -109.20	242.32 20.32 -30.64	688.82 57.43 -106.90	604.66 57.19 -5.70	516.76 45.00 0.00	297.40 24.99 0.00	61.39 5.03 0.00	51.55 3.69 0.00	52.95 2.66 0.00
RAVENSWOOD_GT3_2 24249	54.68 1.77 0.00	48.58 2.14 0.00	34.38 1.68 0.00	33.89 1.76 0.00	33.13 1.61 0.00	39.90 1.57 0.00	46.53 1.57 0.00	51.46 2.03 0.00	54.75 2.12 0.00	55.45 2.29 -0.36	58.37 2.80 -0.85	72.39 3.51 -2.18	75.55 4.66 0.00	84.62 6.46 0.00	118.13 10.44 -1.45	256.51 13.59 -109.20	242.32 20.32 -30.64	688.82 57.43 -106.90	604.66 57.19 -5.70	516.76 45.00 0.00	297.40 24.99 0.00	61.39 5.03 0.00	51.55 3.69 0.00	52.95 2.66 0.00
RAVENSWOOD_GT3_3 24250	54.81 1.91 0.00	48.68 2.23 0.00	34.46 1.76 0.00	33.96 1.83 0.00	33.19 1.68 0.00	39.98 1.65 0.00	46.62 1.67 0.00	51.57 2.14 0.00	54.87 2.23 0.00	55.59 2.44 -0.36	58.52 2.96 -0.85	72.59 3.71 -2.18	75.76 4.87 0.00	84.85 6.69 0.00	118.45 10.77 -1.45	256.95 14.03 -109.20	242.90 20.89 -30.64	690.30 58.92 -106.90	606.20 58.72 -5.70	518.07 46.31 0.00	298.21 25.81 0.00	61.54 5.19 0.00	51.70 3.83 0.00	53.09 2.79 0.00
RAVENSWOOD_GT3_4 24251	54.81 1.91 0.00	48.68 2.23 0.00	34.46 1.76 0.00	33.96 1.83 0.00	33.19 1.68 0.00	39.98 1.65 0.00	46.62 1.67 0.00	51.57 2.14 0.00	54.87 2.23 0.00	55.59 2.44 -0.36	58.52 2.96 -0.85	72.59 3.71 -2.18	75.76 4.87 0.00	84.85 6.69 0.00	118.45 10.77 -1.45	256.95 14.03 -109.20	242.90 20.89 -30.64	690.30 58.92 -106.90	606.20 58.72 -5.70	518.07 46.31 0.00	298.21 25.81 0.00	61.54 5.19 0.00	51.70 3.83 0.00	53.09 2.79 0.00
RAVENSWOOD_GT_1 23729	54.61 1.70 0.00	48.68 2.23 0.00	34.45 1.75 0.00	33.93 1.80 0.00	33.20 1.68 0.00	39.96 1.64 0.00	46.59 1.64 0.00	51.53 2.10 0.00	54.82 2.18 0.00	55.37 2.21 -0.36	58.21 2.64 -0.85	72.11 3.23 -2.18	75.29 4.40 0.00	84.32 6.16 0.00	117.72 10.04 -1.45	220.98 13.09 -74.17	241.53 19.52 -30.64	682.95 54.68 -103.78	601.86 54.38 -5.70	514.14 42.38 0.00	291.67 23.41 4.15	53.83 4.75 7.28	50.32 3.49 1.03	52.26 2.46 0.50
RAVENSWOOD_GT_10 24258	54.69 1.78 0.00	48.58 2.14 0.00	34.38 1.68 0.00	33.89 1.76 0.00	33.13 1.61 0.00	39.90 1.58 0.00	46.53 1.57 0.00	51.46 2.03 0.00	54.75 2.12 0.00	55.45 2.29 -0.36	58.37 2.81 -0.85	72.41 3.53 -2.18	75.57 4.68 0.00	84.63 6.47 0.00	118.15 10.46 -1.45	256.56 13.64 -109.20	242.38 20.37 -30.64	688.95 57.57 -106.90	604.89 57.41 -5.70	516.80 45.04 0.00	297.42 25.01 0.00	61.40 5.04 0.00	51.56 3.70 0.00	52.97 2.67 0.00
RAVENSWOOD_GT_11 24259	54.69 1.78 0.00	48.58 2.14 0.00	34.38 1.68 0.00	33.89 1.76 0.00	33.13 1.61 0.00	39.90 1.58 0.00	46.53 1.57 0.00	51.46 2.03 0.00	54.75 2.12 0.00	55.45 2.29 -0.36	58.37 2.81 -0.85	72.41 3.53 -2.18	75.57 4.68 0.00	84.63 6.47 0.00	118.15 10.46 -1.45	256.56 13.64 -109.20	242.38 20.37 -30.64	688.95 57.57 -106.90	604.89 57.41 -5.70	516.80 45.04 0.00	297.42 25.01 0.00	61.40 5.04 0.00	51.56 3.70 0.00	52.97 2.67 0.00
RAVENSWOOD_GT_4 24252	54.69 1.78 0.00	48.58 2.14 0.00	34.39 1.69 0.00	33.89 1.76 0.00	33.13 1.61 0.00	39.90 1.58 0.00	46.53 1.57 0.00	51.46 2.03 0.00	54.75 2.12 0.00	55.45 2.29 -0.36	58.37 2.80 -0.85	72.40 3.52 -2.18	75.55 4.67 0.00	84.62 6.46 0.00	118.13 10.45 -1.45	256.52 13.60 -109.20	242.33 20.32 -30.64	688.90 57.52 -106.90	604.66 57.19 -5.70	516.76 45.00 0.00	297.42 25.01 0.00	61.39 5.03 0.00	51.55 3.69 0.00	52.96 2.66 0.00
RAVENSWOOD_GT_5 24254	54.69 1.78 0.00	48.58 2.14 0.00	34.39 1.69 0.00	33.89 1.76 0.00	33.13 1.61 0.00	39.90 1.58 0.00	46.53 1.57 0.00	51.46 2.03 0.00	54.75 2.12 0.00	55.45 2.29 -0.36	58.37 2.80 -0.85	72.40 3.52 -2.18	75.55 4.67 0.00	84.62 6.46 0.00	118.13 10.45 -1.45	256.52 13.60 -109.20	242.33 20.32 -30.64	688.90 57.52 -106.90	604.66 57.19 -5.70	516.76 45.00 0.00	297.42 25.01 0.00	61.39 5.03 0.00	51.55 3.69 0.00	52.96 2.66 0.00
RAVENSWOOD_GT_6 24253	54.69 1.78 0.00	48.58 2.14 0.00	34.39 1.69 0.00	33.89 1.76 0.00	33.13 1.61 0.00	39.90 1.58 0.00	46.53 1.57 0.00	51.46 2.03 0.00	54.75 2.12 0.00	55.45 2.29 -0.36	58.37 2.80 -0.85	72.40 3.52 -2.18	75.55 4.67 0.00	84.62 6.46 0.00	118.13 10.45 -1.45	256.52 13.60 -109.20	242.33 20.32 -30.64	688.90 57.52 -106.90	604.66 57.19 -5.70	516.76 45.00 0.00	297.42 25.01 0.00	61.39 5.03 0.00	51.55 3.69 0.00	52.96 2.66 0.00
RAVENSWOOD_GT_7 24255	54.69 1.78 0.00	48.58 2.14 0.00	34.39 1.69 0.00	33.89 1.76 0.00	33.13 1.61 0.00	39.90 1.58 0.00	46.53 1.57 0.00	51.46 2.03 0.00	54.75 2.12 0.00	55.45 2.29 -0.36	58.37 2.80 -0.85	72.40 3.52 -2.18	75.55 4.67 0.00	84.62 6.46 0.00	118.13 10.45 -1.45	256.52 13.60 -109.20	242.33 20.32 -30.64	688.90 57.52 -106.90	604.66 57.19 -5.70	516.76 45.00 0.00	297.42 25.01 0.00	61.39 5.03 0.00	51.55 3.69 0.00	52.96 2.66 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	54.69 1.78 0.00	48.58 2.14 0.00	34.38 1.68 0.00	33.89 1.76 0.00	33.13 1.61 0.00	39.90 1.58 0.00	46.53 1.57 0.00	51.46 2.03 0.00	54.75 2.12 0.00	55.45 2.29 -0.36	58.37 2.81 -0.85	72.41 3.53 -2.18	75.57 4.68 0.00	84.63 6.47 0.00	118.15 10.46 -1.45	256.56 13.64 -109.20	242.38 20.37 -30.64	688.95 57.57 -106.90	604.89 57.41 -5.70	516.80 45.04 0.00	297.42 25.01 0.00	61.40 5.04 0.00	51.56 3.70 0.00	52.97 2.67 0.00
RAVENSWOOD_GT_9 24257	54.69 1.78 0.00	48.58 2.14 0.00	34.38 1.68 0.00	33.89 1.76 0.00	33.13 1.61 0.00	39.90 1.58 0.00	46.53 1.57 0.00	51.46 2.03 0.00	54.75 2.12 0.00	55.45 2.29 -0.36	58.37 2.81 -0.85	72.41 3.53 -2.18	75.57 4.68 0.00	84.63 6.47 0.00	118.15 10.46 -1.45	256.56 13.64 -109.20	242.38 20.37 -30.64	688.95 57.57 -106.90	604.89 57.41 -5.70	516.80 45.04 0.00	297.42 25.01 0.00	61.40 5.04 0.00	51.56 3.70 0.00	52.97 2.67 0.00

RAVENSWOOD___1 23533	54.54 1.64 0.00	48.64 2.20 0.00	34.43 1.73 0.00	33.90 1.77 0.00	33.17 1.66 0.00	39.93 1.60 0.00	46.55 1.60 0.00	51.48 2.04 0.00	54.74 2.11 0.00	55.29 2.13 -0.36	58.12 2.56 -0.84	72.02 3.15 -2.18	75.21 4.32 0.00	84.18 6.02 0.00	117.61 9.93 -1.45	213.40 12.89 -66.79	241.17 19.16 -30.64	681.30 53.68 -103.13	600.91 53.44 -5.70	513.54 41.77 0.00	290.43 23.05 5.03	52.21 4.67 8.82	50.04 3.43 1.25	52.09 2.40 0.61
RAVENSWOOD___2 23534	54.15 1.24 0.00	48.48 2.04 0.00	34.35 1.65 0.00	33.82 1.69 0.00	33.09 1.58 0.00	39.82 1.50 0.00	46.44 1.49 0.00	51.36 1.92 0.00	54.60 1.96 0.00	54.95 1.80 -0.36	57.62 2.06 -0.84	71.38 2.51 -2.18	74.52 3.63 0.00	83.45 5.29 0.00	116.55 8.87 -1.45	211.87 11.56 -66.59	239.37 17.36 -30.64	676.11 48.52 -103.11	595.66 48.18 -5.70	508.99 37.23 0.00	287.78 20.42 5.05	51.67 4.18 8.86	49.66 3.05 1.26	51.71 2.02 0.61
RAVENSWOOD___3 23535	54.68 1.78 0.00	48.58 2.14 0.00	34.39 1.69 0.00	33.89 1.76 0.00	33.13 1.61 0.00	39.90 1.58 0.00	46.53 1.57 0.00	51.46 2.03 0.00	54.75 2.11 0.00	55.45 2.29 -0.36	58.36 2.80 -0.85	72.39 3.52 -2.18	75.55 4.66 0.00	84.61 6.45 0.00	118.13 10.45 -1.45	256.55 13.63 -109.20	242.32 20.32 -30.64	688.99 57.61 -106.90	604.67 57.20 -5.70	516.78 45.02 0.00	297.40 24.99 0.00	61.39 5.03 0.00	51.55 3.69 0.00	52.96 2.66 0.00
RAVENSWOOD___4 23820	54.47 1.57 0.00	48.59 2.14 0.00	34.40 1.70 0.00	33.87 1.74 0.00	33.14 1.63 0.00	39.89 1.56 0.00	46.50 1.55 0.00	51.43 2.00 0.00	54.69 2.05 0.00	55.20 2.05 -0.36	58.05 2.48 -0.84	71.91 3.04 -2.18	75.10 4.21 0.00	84.07 5.92 0.00	117.46 9.78 -1.45	205.73 12.70 -59.30	240.90 18.89 -30.64	679.92 52.97 -102.46	600.05 52.58 -5.70	512.83 41.07 0.00	289.13 22.63 5.91	50.56 4.58 10.38	49.77 3.37 1.47	51.92 2.33 0.71
RCPL_TRUST___DRP 24196	54.69 1.79 0.00	48.59 2.15 0.00	34.40 1.71 0.00	33.91 1.78 0.00	33.15 1.63 0.00	39.93 1.60 0.00	46.57 1.61 0.00	51.52 2.08 0.00	54.81 2.17 0.00	55.53 2.37 -0.36	58.45 2.89 -0.85	72.52 3.64 -2.18	75.71 4.82 0.00	84.79 6.63 0.00	118.39 10.72 -1.44	256.28 13.85 -108.70	242.54 20.67 -30.50	689.78 58.88 -106.41	606.03 58.58 -5.67	517.70 45.94 0.00	298.09 25.69 0.00	61.53 5.18 0.00	51.70 3.83 0.00	53.09 2.79 0.00
RED___ROCHESTER 323720	55.96 3.05 0.00	48.56 2.12 0.00	33.93 1.23 0.00	32.97 0.84 0.00	32.22 0.70 0.00	39.40 1.08 0.00	46.33 1.37 0.00	50.90 1.46 0.00	54.85 2.21 0.00	55.28 2.49 0.00	57.58 2.86 0.00	70.85 4.16 0.00	75.88 4.99 0.00	83.81 5.65 0.00	115.71 9.48 0.00	146.77 13.05 0.00	206.45 15.08 0.00	563.99 39.51 0.00	584.47 42.69 0.00	509.99 38.23 0.00	294.80 22.39 0.00	60.67 4.32 0.00	51.36 3.50 0.00	53.87 3.57 0.00
REGAN___SOLAR 323812	56.72 3.81 0.00	49.75 3.30 0.00	34.97 2.28 0.00	34.27 2.14 0.00	33.61 2.09 0.00	40.85 2.53 0.00	47.91 2.95 0.00	52.15 2.71 0.00	54.50 1.86 0.00	53.81 1.24 0.22	55.19 0.98 0.50	66.86 1.46 1.30	72.88 2.00 0.00	80.46 2.30 0.00	109.35 3.17 0.05	133.67 4.01 4.07	196.55 6.32 1.14	543.27 22.77 3.99	575.94 34.37 0.21	513.83 42.07 0.00	299.67 27.26 0.00	61.81 5.45 0.00	52.17 4.31 0.00	54.31 4.02 0.00
RENSSELAER___COGEN 23796	52.13 -0.77 0.00	46.09 -0.35 0.00	32.65 -0.05 0.00	32.34 0.21 0.00	31.69 0.17 0.00	38.06 -0.26 0.00	44.35 -0.60 0.00	48.79 -0.65 0.00	51.86 -0.78 0.00	51.63 -0.88 0.29	53.16 -0.90 0.66	63.97 -1.02 1.71	70.13 -0.77 0.00	77.95 -0.21 0.00	106.46 0.30 0.07	128.89 0.75 5.59	192.01 2.20 1.57	527.48 8.47 5.47	550.01 8.53 0.29	477.86 6.10 0.00	276.30 3.90 0.00	57.32 0.96 0.00	48.46 0.60 0.00	50.33 0.03 0.00
REPUBLIC_115KV_BARTNBRK 55605	59.39 6.48 0.00	52.41 5.96 0.00	37.01 4.31 0.00	36.28 4.15 0.00	35.70 4.18 0.00	43.15 4.83 0.00	50.13 5.18 0.00	54.99 5.55 0.00	58.11 5.47 0.00	57.28 4.82 0.32	58.90 4.93 0.75	71.25 6.48 1.92	78.90 8.01 0.00	87.79 9.63 0.00	119.77 13.60 0.07	146.41 17.88 5.19	214.43 24.52 1.46	590.60 71.19 5.09	618.57 77.06 0.27	539.19 67.43 0.00	316.14 43.74 0.00	65.92 9.56 0.00	55.58 7.72 0.00	57.59 7.29 0.00
REVERE_CPPR_DRP 24186	55.59 2.66 -0.02	48.73 2.27 -0.02	34.23 1.53 0.00	33.59 1.46 0.00	32.92 1.41 0.00	40.13 1.81 0.00	47.14 2.19 0.00	51.76 2.33 0.00	54.94 2.30 0.00	54.93 2.13 0.00	56.70 1.99 0.00	68.95 2.26 0.00	73.48 2.59 0.00	81.18 3.02 0.00	100.25 4.68 10.66	139.60 5.94 0.06	200.24 8.87 0.00	550.35 25.87 0.00	572.55 30.77 0.00	503.21 31.45 0.00	290.72 18.31 0.00	59.85 3.49 0.00	50.82 2.95 0.00	54.19 2.59 -1.30
REYNLDPA_13_KV_LD 356490	53.46 0.55 0.00	46.76 0.31 0.00	32.81 0.11 0.00	32.15 0.01 0.00	31.67 0.15 0.00	38.75 0.43 0.00	45.79 0.84 0.00	50.19 0.75 0.00	53.38 0.74 0.00	53.57 0.78 0.00	55.31 0.59 0.00	67.17 0.48 0.00	70.88 -0.01 0.00	77.48 -0.68 0.00	120.57 -2.85 -17.19	127.81 -6.01 -0.10	182.37 -9.00 0.00	498.44 -26.05 0.00	515.50 -26.28 0.00	450.83 -20.93 0.00	259.46 -12.95 0.00	50.27 -2.66 3.44	45.98 -1.89 0.00	48.08 -0.52 1.69
REYNOLDS_115KV_TB3 80639	52.54 -0.37 0.00	46.47 0.03 0.00	32.93 0.23 0.00	32.61 0.48 0.00	31.96 0.44 0.00	38.37 0.04 0.00	44.70 -0.25 0.00	49.19 -0.24 0.00	52.33 -0.31 0.00	52.04 -0.41 0.34	53.50 -0.41 0.80	64.24 -0.39 2.06	70.83 -0.06 0.00	78.80 0.64 0.00	107.68 1.53 0.08	130.32 2.39 5.79	194.24 4.49 1.62	533.77 14.95 5.67	556.41 14.93 0.30	483.20 11.44 0.00	279.60 7.19 0.00	58.03 1.67 0.00	49.03 1.17 0.00	50.92 0.63 0.00
RIVERBAY____ 323610	56.67 3.76 0.00	50.32 3.88 0.00	35.58 2.88 0.00	35.01 2.88 0.00	34.28 2.76 0.00	41.31 2.98 0.00	48.21 3.26 0.00	53.28 3.85 0.00	56.73 4.09 0.00	57.30 4.14 -0.36	60.22 4.66 -0.85	74.49 5.62 -2.18	77.84 6.95 0.00	87.22 9.06 0.00	121.96 14.27 -1.45	261.59 18.67 -109.20	248.38 26.37 -30.64	705.51 74.13 -106.90	622.32 74.83 -5.70	532.25 60.49 0.00	306.54 34.13 -0.01	63.31 6.95 0.00	53.21 5.34 0.00	54.73 4.42 -0.01
RIVERSDE_115KV_TB3 55908	52.46 -0.45 0.00	46.37 -0.07 0.00	32.85 0.15 0.00	32.54 0.40 0.00	31.88 0.36 0.00	38.29 -0.04 0.00	44.62 -0.33 0.00	49.12 -0.31 0.00	52.25 -0.39 0.00	52.01 -0.47 0.32	53.52 -0.46 0.73	64.36 -0.45 1.89	70.79 -0.10 0.00	78.73 0.58 0.00	107.59 1.43 0.07	130.29 2.24 5.67	194.12 4.34 1.59	533.28 14.34 5.55	555.83 14.35 0.30	482.77 11.01 0.00	279.15 6.74 0.00	57.92 1.56 0.00	48.93 1.07 0.00	50.80 0.50 0.00
ROARING___BROOK_WT_PWR 323790	52.82 -0.08 0.00	46.39 -0.06 0.00	32.63 -0.07 0.00	32.01 -0.12 0.00	31.45 -0.07 0.00	38.33 0.00 0.00	45.02 0.07 0.00	49.49 0.05 0.00	52.62 -0.02 0.00	52.75 -0.04 0.00	54.60 -0.11 0.00	66.47 -0.22 0.00	70.50 -0.39 0.00	77.61 -0.55 0.00	108.32 -1.09 -3.18	132.01 -1.73 -0.02	188.81 -2.57 0.00	515.67 -8.82 0.00	532.84 -8.94 0.00	464.97 -6.79 0.00	267.22 -5.18 0.00	51.00 -1.30 4.06	46.75 -1.12 0.00	49.07 -1.06 0.18

ROCHESRG_115KV_T4 355643	55.01 2.10 0.00	47.80 1.36 0.00	33.44 0.74 0.00	32.51 0.38 0.00	31.78 0.26 0.00	38.85 0.53 0.00	45.66 0.70 0.00	50.14 0.70 0.00	53.96 1.32 0.00	54.33 1.54 0.00	56.51 1.79 0.00	69.45 2.76 0.00	74.31 3.42 0.00	82.03 3.87 0.00	113.19 6.95 0.00	143.47 9.75 0.00	201.66 10.29 0.00	550.66 26.17 0.00	570.15 28.38 0.00	498.18 26.42 0.00	288.57 16.16 0.00	59.46 3.10 0.00	50.38 2.51 0.00	52.90 2.60 0.00
ROCHESTER_9_IC 23652	55.50 2.59 0.00	48.19 1.75 0.00	33.69 1.00 0.00	32.75 0.62 0.00	32.01 0.49 0.00	39.13 0.81 0.00	46.02 1.06 0.00	50.55 1.11 0.00	54.44 1.80 0.00	54.83 2.04 0.00	57.06 2.35 0.00	70.19 3.49 0.00	75.12 4.23 0.00	82.94 4.78 0.00	114.47 8.24 0.00	145.18 11.45 0.00	204.09 12.72 0.00	557.56 33.07 0.00	577.52 35.74 0.00	504.32 32.55 0.00	291.78 19.38 0.00	60.09 3.74 0.00	50.89 3.03 0.00	53.40 3.10 0.00
ROCKVIEW_13_KV_LD 356306	54.78 1.88 0.00	48.59 2.14 0.00	34.38 1.69 0.00	33.90 1.77 0.00	33.14 1.62 0.00	39.92 1.60 0.00	46.53 1.58 0.00	51.46 2.03 0.00	54.78 2.15 0.00	55.50 2.34 -0.36	58.46 2.90 -0.85	72.48 3.61 -2.18	75.62 4.73 0.00	84.70 6.54 0.00	118.30 10.63 -1.44	256.49 13.88 -108.88	242.74 20.82 -30.55	690.04 58.96 -106.59	606.36 58.90 -5.68	518.16 46.39 0.00	298.71 26.31 0.00	61.66 5.30 0.00	51.78 3.92 0.00	53.21 2.91 0.00
ROME____115KV_TB2 80656	55.59 2.66 -0.02	48.73 2.27 -0.02	34.23 1.53 0.00	33.59 1.46 0.00	32.92 1.41 0.00	40.13 1.81 0.00	47.14 2.19 0.00	51.76 2.33 0.00	54.94 2.30 0.00	54.93 2.13 0.00	56.70 1.99 0.00	68.95 2.26 0.00	73.48 2.59 0.00	81.18 3.02 0.00	100.25 4.68 10.66	139.60 5.94 0.06	200.24 8.87 0.00	550.35 25.87 0.00	572.55 30.77 0.00	503.21 31.45 0.00	290.72 18.31 0.00	59.85 3.49 0.00	50.82 2.95 0.00	54.19 2.59 -1.30
ROSETON___1 23587	53.70 0.79 0.00	47.55 1.11 0.00	33.66 0.96 0.00	33.21 1.08 0.00	32.48 0.97 0.00	39.13 0.80 0.00	45.60 0.64 0.00	50.34 0.90 0.00	53.59 0.95 0.00	54.21 1.08 -0.34	56.91 1.41 -0.78	70.48 1.76 -2.02	73.48 2.60 0.00	82.07 3.91 0.00	112.86 6.69 0.06	138.07 8.93 4.59	203.79 13.70 1.29	559.29 39.30 4.50	580.35 38.81 0.24	501.28 29.52 0.00	289.59 17.18 0.00	59.92 3.56 0.00	50.44 2.57 0.00	51.98 1.68 0.00
ROSETON___2 23588	53.70 0.79 0.00	47.55 1.11 0.00	33.66 0.96 0.00	33.21 1.08 0.00	32.48 0.97 0.00	39.13 0.80 0.00	45.60 0.64 0.00	50.34 0.90 0.00	53.59 0.95 0.00	54.21 1.08 -0.34	56.91 1.41 -0.78	70.48 1.76 -2.02	73.48 2.60 0.00	82.07 3.91 0.00	112.86 6.69 0.06	138.07 8.93 4.59	203.79 13.70 1.29	559.29 39.30 4.50	580.35 38.81 0.24	501.28 29.52 0.00	289.59 17.18 0.00	59.92 3.56 0.00	50.44 2.57 0.00	51.98 1.68 0.00
ROTTRDAM_115KV_TB3 80664	53.72 0.82 0.00	47.38 0.94 0.00	33.46 0.76 0.00	32.94 0.81 0.00	32.29 0.78 0.00	39.04 0.72 0.00	45.59 0.64 0.00	50.15 0.71 0.00	53.30 0.66 0.00	53.09 0.54 0.25	54.71 0.56 0.57	66.01 0.78 1.47	72.10 1.21 0.00	79.96 1.81 0.00	109.27 3.10 0.06	132.99 4.15 4.88	196.73 6.73 1.37	540.30 20.59 4.78	563.74 22.21 0.25	490.97 19.21 0.00	284.08 11.67 0.00	58.85 2.50 0.00	49.76 1.89 0.00	51.82 1.52 0.00
RUSSELL___1 23602	55.96 3.05 0.00	48.56 2.12 0.00	33.93 1.24 0.00	32.97 0.84 0.00	32.22 0.70 0.00	39.40 1.08 0.00	46.32 1.37 0.00	50.90 1.46 0.00	54.84 2.21 0.00	55.28 2.49 0.00	57.58 2.86 0.00	70.85 4.16 0.00	75.88 4.99 0.00	83.80 5.64 0.00	115.68 9.45 0.00	146.71 12.99 0.00	206.44 15.07 0.00	564.29 39.81 0.00	584.38 42.60 0.00	509.86 38.10 0.00	294.74 22.33 0.00	60.67 4.31 0.00	51.36 3.50 0.00	53.86 3.56 0.00
RUSSELL___2 23532	55.96 3.05 0.00	48.56 2.12 0.00	33.93 1.24 0.00	32.97 0.84 0.00	32.22 0.70 0.00	39.40 1.08 0.00	46.32 1.37 0.00	50.90 1.46 0.00	54.84 2.21 0.00	55.28 2.49 0.00	57.58 2.86 0.00	70.85 4.16 0.00	75.88 4.99 0.00	83.80 5.64 0.00	115.68 9.45 0.00	146.71 12.99 0.00	206.44 15.07 0.00	564.29 39.81 0.00	584.38 42.60 0.00	509.86 38.10 0.00	294.74 22.33 0.00	60.67 4.31 0.00	51.36 3.50 0.00	53.86 3.56 0.00
RUSSELL___3 23549	55.96 3.05 0.00	48.56 2.12 0.00	33.93 1.24 0.00	32.97 0.84 0.00	32.22 0.70 0.00	39.40 1.08 0.00	46.32 1.37 0.00	50.90 1.46 0.00	54.84 2.21 0.00	55.28 2.49 0.00	57.58 2.86 0.00	70.85 4.16 0.00	75.88 4.99 0.00	83.80 5.64 0.00	115.68 9.45 0.00	146.71 12.99 0.00	206.44 15.07 0.00	564.29 39.81 0.00	584.38 42.60 0.00	509.86 38.10 0.00	294.74 22.33 0.00	60.67 4.31 0.00	51.36 3.50 0.00	53.86 3.56 0.00
RUSSELL___4 23556	55.96 3.05 0.00	48.56 2.12 0.00	33.93 1.24 0.00	32.97 0.84 0.00	32.22 0.70 0.00	39.40 1.08 0.00	46.32 1.37 0.00	50.90 1.46 0.00	54.84 2.21 0.00	55.28 2.49 0.00	57.58 2.86 0.00	70.85 4.16 0.00	75.88 4.99 0.00	83.80 5.64 0.00	115.68 9.45 0.00	146.71 12.99 0.00	206.44 15.07 0.00	564.29 39.81 0.00	584.38 42.60 0.00	509.86 38.10 0.00	294.74 22.33 0.00	60.67 4.31 0.00	51.36 3.50 0.00	53.86 3.56 0.00
RUSSELL___STATION 23914	55.96 3.05 0.00	48.56 2.12 0.00	33.93 1.24 0.00	32.97 0.84 0.00	32.22 0.70 0.00	39.40 1.08 0.00	46.32 1.37 0.00	50.90 1.46 0.00	54.84 2.21 0.00	55.28 2.49 0.00	57.58 2.86 0.00	70.85 4.16 0.00	75.88 4.99 0.00	83.80 5.64 0.00	115.68 9.45 0.00	146.71 12.99 0.00	206.44 15.07 0.00	564.29 39.81 0.00	584.38 42.60 0.00	509.86 38.10 0.00	294.74 22.33 0.00	60.67 4.31 0.00	51.36 3.50 0.00	53.86 3.56 0.00
S SALMON___HYD 24043	54.16 1.18 -0.07	47.41 0.87 -0.09	33.27 0.57 0.00	32.60 0.47 0.00	31.95 0.43 0.00	38.91 0.59 0.00	45.66 0.71 0.00	50.09 0.65 0.00	53.16 0.52 0.00	53.08 0.29 0.00	54.92 0.21 0.00	66.95 0.26 0.00	71.17 0.28 0.00	78.39 0.23 0.00	94.46 0.63 12.40	134.42 0.76 0.07	192.05 0.68 0.00	525.62 1.14 0.00	547.00 5.23 0.00	480.29 8.53 0.00	276.16 3.76 0.00	56.86 0.73 0.22	48.55 0.69 0.00	52.09 0.29 -1.50
S.PERRY__115KV_TB1 80734	55.78 2.87 0.00	48.43 1.99 0.00	33.88 1.18 0.00	33.02 0.89 0.00	32.20 0.69 0.00	39.52 1.20 0.00	46.58 1.63 0.00	51.03 1.59 0.00	54.25 1.61 0.00	54.19 1.40 0.00	56.11 1.40 0.00	68.35 1.66 0.00	72.22 1.33 0.00	78.56 0.40 0.00	109.23 2.99 0.00	140.03 6.30 0.00	197.61 6.24 0.00	540.68 16.19 0.00	561.22 19.44 0.00	499.87 28.11 0.00	290.59 18.18 0.00	60.30 3.94 0.00	52.20 4.33 0.00	53.88 3.59 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	55.60 2.69 0.00	48.12 1.68 0.00	33.57 0.88 0.00	32.49 0.35 0.00	31.69 0.17 0.00	38.91 0.58 0.00	45.72 0.76 0.00	50.01 0.57 0.00	54.12 1.48 0.00	54.54 1.75 0.00	56.72 2.01 0.00	69.89 3.20 0.00	74.91 4.03 0.00	82.51 4.35 0.00	114.50 8.27 0.00	145.05 11.32 0.00	202.37 11.00 0.00	551.70 27.21 0.00	569.97 28.20 0.00	498.23 26.47 0.00	289.89 17.48 0.00	59.50 3.14 0.00	50.52 2.65 0.00	53.42 3.13 0.00

SITHE___BATAVIA 24024	57.18 4.28 0.00	49.49 3.05 0.00	34.51 1.81 0.00	33.42 1.29 0.00	32.66 1.14 0.00	40.10 1.77 0.00	47.16 2.21 0.00	51.70 2.27 0.00	55.70 3.06 0.00	55.91 3.12 0.00	57.85 3.13 0.00	70.59 3.89 0.00	75.31 4.42 0.00	82.80 4.64 0.00	114.78 8.55 0.00	145.90 12.17 0.00	203.86 12.49 0.00	557.52 33.03 0.00	581.77 39.99 0.00	511.38 39.62 0.00	296.51 24.10 0.00	111.25 4.78 -50.11	100.05 4.54 -47.64	55.17 4.87 0.00
SITHE___INDEPEND 23800	51.44 -1.14 0.32	44.97 -1.09 0.38	31.93 -0.77 0.00	31.34 -0.80 0.00	30.69 -0.83 0.00	37.33 -1.00 0.00	43.73 -1.22 0.00	48.11 -1.33 0.00	51.28 -1.36 0.00	51.44 -1.35 0.00	53.31 -1.40 0.00	65.12 -1.57 0.00	69.41 -1.48 0.00	76.57 -1.59 0.00	104.81 -1.42 0.00	132.50 -1.23 0.00	189.08 -2.29 0.00	517.62 -6.87 0.00	534.37 -7.40 0.00	465.91 -5.86 0.00	269.20 -3.21 0.00	55.57 -0.79 0.00	47.16 -0.71 0.00	49.35 -0.95 0.00
SITHE___MASSENA 23902	53.57 0.66 0.00	46.84 0.40 0.00	32.86 0.17 0.00	32.18 0.05 0.00	31.71 0.19 0.00	38.82 0.49 0.00	45.94 0.99 0.00	50.34 0.90 0.00	53.43 0.79 0.00	53.57 0.78 0.00	55.23 0.51 0.00	66.93 0.23 0.00	70.49 -0.40 0.00	76.88 -1.28 0.00	-82.33 -4.27 184.30	124.77 -7.89 1.06	181.78 -9.59 0.00	497.07 -27.42 0.00	514.02 -27.76 0.00	450.46 -21.30 0.00	258.97 -13.43 0.00	50.41 -2.63 3.32	46.28 -1.58 0.00	61.97 -0.38 -12.06
SITHE___OGDNSBRG 24021	55.07 2.16 0.00	48.08 1.64 0.00	33.70 1.00 0.00	32.96 0.83 0.00	32.49 0.97 0.00	39.86 1.54 0.00	47.26 2.30 0.00	51.54 2.10 0.00	54.14 1.50 0.00	53.92 1.13 0.00	55.27 0.56 0.00	66.90 0.21 0.00	70.33 -0.56 0.00	76.61 -1.55 0.00	-47.52 -5.19 148.57	123.47 -9.40 0.86	179.51 -11.87 0.00	493.49 -31.00 0.00	514.71 -27.07 0.00	455.84 -15.92 0.00	263.04 -9.36 0.00	51.74 -1.66 2.96	47.19 -0.68 0.00	67.89 0.75 -16.85
SITHE___STERLING 23777	54.86 1.94 -0.02	48.10 1.64 -0.02	33.82 1.12 0.00	33.20 1.07 0.00	32.52 1.01 0.00	39.60 1.28 0.00	46.47 1.52 0.00	51.09 1.66 0.00	54.25 1.61 0.00	54.28 1.49 0.00	56.10 1.38 0.00	68.24 1.55 0.00	72.65 1.76 0.00	80.35 2.19 0.00	102.80 3.68 7.12	138.60 4.91 0.04	198.54 7.16 0.00	545.38 20.89 0.00	566.00 24.22 0.00	495.97 24.21 0.00	287.07 14.66 0.00	59.23 2.87 0.00	50.40 2.54 0.00	53.32 2.16 -0.87
SLEIGHT__34_KV_TB1 80719	54.66 1.74 -0.01	47.57 1.11 -0.02	33.33 0.63 0.00	32.48 0.35 0.00	31.77 0.25 0.00	38.83 0.51 0.00	45.66 0.71 0.00	50.08 0.64 0.00	53.61 0.97 0.00	53.83 1.04 0.00	55.98 1.26 0.00	68.79 2.10 0.00	73.63 2.75 0.00	81.38 3.21 0.00	112.30 6.07 0.00	142.21 8.49 0.00	201.07 9.70 0.00	550.00 25.51 0.00	570.52 28.74 0.00	499.23 27.47 0.00	288.81 16.40 0.00	59.44 3.08 0.00	50.21 2.35 0.00	52.56 2.26 0.00
SMITHTWN_69_KV_BK 1 55830	50.91 1.04 3.04	48.21 1.77 0.00	34.40 1.71 0.00	33.99 1.85 0.00	33.16 1.64 0.00	39.92 1.60 0.00	46.09 1.14 0.00	50.84 1.40 0.00	46.41 1.19 7.43	40.43 1.30 13.66	58.40 2.83 -0.85	72.06 2.96 -2.41	73.10 3.96 1.75	85.28 6.96 -0.16	87.71 12.78 31.31	240.77 15.43 -91.61	214.81 23.18 -0.26	566.84 65.60 23.25	542.71 63.60 62.67	439.41 48.79 81.14	312.40 29.31 -10.68	75.52 5.55 -13.61	49.64 4.24 2.46	49.83 3.18 3.65
SOUTH CAIRO___GT 23612	54.23 1.32 0.00	47.79 1.35 0.00	33.77 1.07 0.00	33.37 1.24 0.00	32.71 1.19 0.00	39.43 1.11 0.00	46.00 1.05 0.00	50.55 1.11 0.00	53.44 0.80 0.00	53.01 0.34 0.12	54.68 0.24 0.28	66.47 0.50 0.72	71.66 0.78 0.00	79.65 1.49 0.00	108.92 2.74 0.05	133.59 3.54 3.68	198.39 8.05 1.03	547.24 26.35 3.60	575.01 33.42 0.19	503.72 31.96 0.00	291.67 19.26 0.00	60.26 3.90 0.00	50.76 2.90 0.00	52.55 2.26 0.00
SOUTH HAMPTN___IC 23720	51.23 1.39 3.06	48.48 2.04 0.00	34.62 1.92 0.00	34.23 2.10 0.00	33.41 1.89 0.00	40.25 1.93 0.00	46.53 1.58 0.00	51.42 1.99 0.00	47.12 1.96 7.48	41.14 2.10 13.75	59.35 3.79 -0.85	73.65 4.28 -2.68	75.49 5.43 0.83	87.01 8.71 -0.14	89.07 15.24 32.40	244.98 18.85 -92.39	194.60 28.42 25.19	574.72 80.92 30.68	556.53 79.37 64.61	457.38 60.97 75.35	322.12 35.42 -14.30	76.51 6.62 -13.53	50.16 5.07 2.78	50.41 3.96 3.85
SOUTHDOW_115KV_TB1 355954	57.06 4.16 0.00	49.35 2.90 0.00	34.55 1.85 0.00	33.60 1.47 0.00	32.68 1.17 0.00	40.30 1.97 0.00	47.85 2.90 0.00	52.78 3.35 0.00	56.94 4.30 0.00	57.37 4.58 0.00	59.62 4.90 0.00	73.83 7.13 0.00	79.38 8.50 0.00	86.58 8.42 0.00	120.37 14.13 0.00	152.09 18.36 0.00	211.65 20.28 0.00	578.79 54.30 0.00	597.97 56.18 0.00	519.93 48.16 0.00	302.73 30.33 0.00	61.64 5.29 0.00	52.82 4.96 0.00	55.31 5.01 0.00
SOUTHOLD_69_KV_BK 2 55809	52.34 2.49 3.06	49.44 3.00 0.00	35.35 2.65 0.00	34.99 2.86 0.00	34.15 2.63 0.00	41.18 2.86 0.00	47.67 2.72 0.00	52.74 3.30 0.00	48.58 3.41 7.48	41.74 2.70 13.75	60.16 4.59 -0.85	74.72 5.34 -2.68	76.52 6.46 0.83	88.27 9.96 -0.14	91.03 17.19 32.39	247.55 21.43 -92.40	198.40 32.17 25.14	585.00 91.12 30.61	566.80 89.56 64.54	465.36 68.93 75.33	326.53 39.82 -14.30	77.21 7.32 -13.53	51.62 6.53 2.77	51.92 5.47 3.84
SOUTHOLD___IC 23719	52.34 2.49 3.06	49.44 3.00 0.00	35.35 2.65 0.00	34.99 2.86 0.00	34.15 2.63 0.00	41.18 2.85 0.00	47.67 2.72 0.00	52.74 3.30 0.00	48.57 3.41 7.48	41.74 2.70 13.75	60.14 4.58 -0.85	74.72 5.34 -2.68	76.51 6.46 0.83	88.26 9.96 -0.14	90.96 17.11 32.39	247.50 21.37 -92.40	198.62 32.38 25.14	586.26 92.38 30.61	568.04 90.80 64.54	465.81 69.38 75.33	326.29 39.58 -14.30	77.20 7.32 -13.53	51.50 6.41 2.77	51.90 5.45 3.84
SOUTH_FORK_WT_PWR 323839	52.36 2.51 3.06	49.49 3.05 0.00	35.44 2.74 0.00	35.12 2.98 0.00	34.27 2.75 0.00	41.33 3.01 0.00	47.86 2.91 0.00	52.92 3.49 0.00	48.85 3.68 7.48	42.62 3.58 13.75	61.11 5.54 -0.85	75.88 6.51 -2.68	77.57 7.52 0.83	89.37 11.07 -0.14	92.45 18.62 32.40	249.36 23.24 -92.40	201.10 34.89 25.17	593.17 99.33 30.65	575.13 97.93 64.58	471.87 75.45 75.34	330.09 43.38 -14.30	77.95 8.07 -13.53	51.68 6.59 2.78	52.00 5.54 3.84
SPIERFLS_115KV_TB 1 80737	55.06 2.15 0.00	48.58 2.14 0.00	34.36 1.66 0.00	33.81 1.67 0.00	33.18 1.67 0.00	40.09 1.76 0.00	46.65 1.70 0.00	51.38 1.95 0.00	54.61 1.97 0.00	54.09 1.61 0.31	55.31 1.32 0.73	66.72 1.90 1.88	73.45 2.56 0.00	81.69 3.53 0.00	111.74 5.58 0.07	136.14 7.58 5.16	202.30 12.38 1.45	556.63 37.19 5.05	582.34 40.83 0.27	506.41 34.64 0.00	293.49 21.08 0.00	61.16 4.80 0.00	51.44 3.58 0.00	53.48 3.18 0.00
ST LAWRENCE____ 23600	52.87 -0.04 0.00	46.25 -0.19 0.00	32.46 -0.24 0.00	31.82 -0.31 0.00	31.35 -0.17 0.00	38.33 0.00 0.00	45.27 0.31 0.00	49.65 0.21 0.00	52.84 0.20 0.00	53.00 0.21 0.00	54.76 0.05 0.00	66.52 -0.17 0.00	70.19 -0.70 0.00	76.78 -1.38 0.00	117.24 -3.59 -14.59	128.15 -5.65 -0.08	183.06 -8.31 0.00	500.29 -24.20 0.00	517.27 -24.50 0.00	452.11 -19.65 0.00	260.24 -12.17 0.00	50.40 -2.50 3.46	46.03 -1.84 0.00	47.89 -1.00 1.40

STATE_CA_115KV_115_LB 55624	52.64 -0.27 0.00	46.51 0.07 0.00	32.94 0.24 0.00	32.61 0.48 0.00	31.95 0.43 0.00	38.40 0.08 0.00	44.77 -0.18 0.00	49.30 -0.14 0.00	52.45 -0.19 0.00	52.25 -0.25 0.29	53.83 -0.20 0.68	64.81 -0.13 1.76	71.14 0.25 0.00	79.09 0.93 0.00	108.13 1.97 0.07	131.14 2.92 5.51	195.19 5.36 1.54	536.11 17.01 5.39	558.87 17.38 0.29	485.35 13.59 0.00	280.46 8.06 0.00	58.14 1.78 0.00	49.11 1.25 0.00	50.94 0.65 0.00
STATE_ST_34_KV_LOAD 55959	54.24 1.28 -0.05	47.45 0.95 -0.06	33.33 0.63 0.00	32.66 0.53 0.00	31.94 0.43 0.00	38.97 0.65 0.00	45.72 0.77 0.00	50.06 0.63 0.00	53.49 0.85 0.00	53.45 0.65 0.00	55.51 0.80 0.00	68.07 1.38 0.00	72.60 1.71 0.00	80.17 2.02 0.00	107.71 3.88 2.40	139.05 5.34 0.01	198.18 6.81 0.00	542.88 18.39 0.00	562.57 20.79 0.00	492.56 20.80 0.00	285.52 13.11 0.00	58.80 2.44 0.00	49.69 1.82 0.00	51.97 1.67 0.00
STATION_5_MISC_HYD 23604	55.50 2.60 0.00	48.19 1.75 0.00	33.69 0.99 0.00	32.75 0.62 0.00	32.01 0.49 0.00	39.13 0.81 0.00	46.02 1.06 0.00	50.54 1.10 0.00	54.44 1.81 0.00	54.83 2.04 0.00	57.06 2.35 0.00	70.19 3.49 0.00	75.12 4.23 0.00	82.95 4.79 0.00	114.49 8.26 0.00	145.19 11.46 0.00	204.08 12.71 0.00	557.40 32.91 0.00	577.52 35.74 0.00	504.31 32.55 0.00	291.84 19.43 0.00	60.10 3.74 0.00	50.89 3.02 0.00	53.39 3.09 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	54.84 1.92 -0.01	47.74 1.28 -0.02	33.46 0.76 0.00	32.63 0.49 0.00	31.88 0.36 0.00	38.96 0.64 0.00	45.78 0.83 0.00	50.29 0.85 0.00	53.89 1.24 0.00	54.17 1.38 0.00	56.30 1.58 0.00	69.16 2.46 0.00	74.08 3.19 0.00	81.88 3.72 0.00	112.90 6.66 0.00	143.07 9.34 0.00	202.27 10.90 0.00	553.24 28.75 0.00	573.78 32.00 0.00	501.38 29.62 0.00	289.47 17.06 0.00	59.69 3.34 0.00	50.44 2.58 0.00	52.75 2.46 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	55.07 2.17 0.00	47.85 1.41 0.00	33.46 0.76 0.00	32.54 0.41 0.00	31.81 0.29 0.00	38.89 0.57 0.00	45.71 0.76 0.00	50.35 0.91 0.00	54.31 1.67 0.00	54.71 1.92 0.00	56.95 2.23 0.00	70.05 3.36 0.00	74.98 4.09 0.00	82.80 4.64 0.00	113.75 7.52 0.00	144.24 10.52 0.00	203.00 11.63 0.00	554.90 30.41 0.00	574.77 32.99 0.00	501.71 29.95 0.00	290.25 17.84 0.00	59.76 3.40 0.00	50.57 2.70 0.00	53.01 2.71 0.00
STA_56___34_KV_BUS2 355983	55.07 2.17 0.00	47.85 1.41 0.00	33.46 0.76 0.00	32.54 0.41 0.00	31.81 0.29 0.00	38.89 0.57 0.00	45.71 0.76 0.00	50.35 0.91 0.00	54.31 1.67 0.00	54.71 1.92 0.00	56.95 2.23 0.00	70.05 3.36 0.00	74.98 4.09 0.00	82.80 4.64 0.00	113.75 7.52 0.00	144.24 10.52 0.00	203.00 11.63 0.00	554.90 30.41 0.00	574.77 32.99 0.00	501.71 29.95 0.00	290.25 17.84 0.00	59.76 3.40 0.00	50.57 2.70 0.00	53.01 2.71 0.00
STA_67___115KV_BK2 355882	55.30 2.40 0.00	48.03 1.59 0.00	33.59 0.89 0.00	32.65 0.52 0.00	31.92 0.40 0.00	39.02 0.70 0.00	45.87 0.92 0.00	50.38 0.95 0.00	54.26 1.62 0.00	54.62 1.83 0.00	56.84 2.12 0.00	69.89 3.19 0.00	74.79 3.90 0.00	82.57 4.41 0.00	113.93 7.70 0.00	144.44 10.72 0.00	203.13 11.76 0.00	554.81 30.32 0.00	574.45 32.67 0.00	501.92 30.16 0.00	290.57 18.16 0.00	59.86 3.50 0.00	50.69 2.82 0.00	53.20 2.90 0.00
STA_7___115KV_9TRANS 80674	55.96 3.05 0.00	48.56 2.12 0.00	33.93 1.24 0.00	32.97 0.84 0.00	32.22 0.70 0.00	39.40 1.08 0.00	46.32 1.37 0.00	50.90 1.46 0.00	54.84 2.21 0.00	55.28 2.49 0.00	57.58 2.86 0.00	70.85 4.16 0.00	75.88 4.99 0.00	83.80 5.64 0.00	115.68 9.45 0.00	146.71 12.99 0.00	206.44 15.07 0.00	564.29 39.81 0.00	584.38 42.60 0.00	509.86 38.10 0.00	294.74 22.33 0.00	60.67 4.31 0.00	51.36 3.50 0.00	53.86 3.56 0.00
STA_82___115KV_TB1 80780	55.31 2.41 0.00	48.04 1.60 0.00	33.60 0.90 0.00	32.66 0.52 0.00	31.92 0.40 0.00	39.04 0.71 0.00	45.88 0.93 0.00	50.41 0.97 0.00	54.27 1.63 0.00	54.65 1.86 0.00	56.86 2.14 0.00	69.91 3.22 0.00	74.82 3.93 0.00	82.58 4.42 0.00	113.93 7.69 0.00	144.45 10.73 0.00	203.13 11.76 0.00	554.85 30.36 0.00	574.77 32.99 0.00	502.09 30.33 0.00	290.65 18.24 0.00	59.87 3.51 0.00	50.71 2.85 0.00	53.22 2.92 0.00
STEEL___WIND 323596	56.00 3.10 0.00	48.45 2.01 0.00	33.82 1.12 0.00	32.78 0.64 0.00	31.91 0.39 0.00	39.27 0.94 0.00	46.14 1.19 0.00	50.46 1.02 0.00	54.62 1.98 0.00	55.02 2.23 0.00	57.16 2.44 0.00	70.56 3.86 0.00	75.67 4.78 0.00	83.41 5.25 0.00	115.94 9.71 0.00	146.77 13.04 0.00	205.04 13.67 0.00	559.39 34.90 0.00	578.29 36.51 0.00	504.54 32.78 0.00	293.76 21.35 0.00	60.16 3.80 0.00	51.02 3.15 0.00	53.81 3.51 0.00
STEPHTWN_115KV_BK_2 55603	52.79 -0.12 0.00	46.63 0.19 0.00	33.00 0.31 0.00	32.67 0.54 0.00	32.00 0.48 0.00	38.46 0.14 0.00	44.89 -0.06 0.00	49.38 -0.06 0.00	52.48 -0.16 0.00	52.26 -0.25 0.29	53.83 -0.22 0.66	64.84 -0.15 1.71	71.11 0.22 0.00	79.10 0.93 0.00	108.23 2.07 0.07	131.27 3.13 5.59	195.47 5.67 1.57	538.24 19.23 5.47	561.62 20.13 0.29	487.86 16.10 0.00	281.78 9.37 0.00	58.37 2.01 0.00	49.27 1.40 0.00	51.06 0.76 0.00
STEUBEN_REC_LFGE 323667	55.24 2.32 -0.02	48.30 1.84 -0.02	33.93 1.22 0.00	33.21 1.08 0.00	32.32 0.80 0.00	39.75 1.42 0.00	46.80 1.85 0.00	51.31 1.87 0.00	54.64 2.00 0.00	54.65 1.85 0.00	56.65 1.93 0.00	69.74 3.05 0.00	74.86 3.97 0.00	82.81 4.65 0.00	114.95 8.71 0.00	145.53 11.81 0.00	205.33 13.95 0.00	562.53 38.04 0.00	585.37 43.59 0.00	514.89 43.13 0.00	299.32 26.91 0.00	60.98 4.62 0.00	51.24 3.37 0.00	53.16 2.86 0.00
STILLWATER___SOLAR 323814	54.64 1.73 0.00	48.22 1.78 0.00	34.07 1.37 0.00	33.57 1.44 0.00	32.94 1.42 0.00	39.76 1.44 0.00	46.36 1.40 0.00	51.00 1.57 0.00	54.17 1.53 0.00	53.76 1.31 0.35	55.09 1.18 0.81	66.22 1.61 2.08	73.05 2.17 0.00	81.22 3.06 0.00	111.13 4.97 0.07	135.24 6.82 5.31	200.98 11.10 1.49	552.92 33.63 5.19	578.35 36.84 0.28	503.40 31.64 0.00	291.46 19.05 0.00	60.50 4.14 0.00	51.01 3.14 0.00	52.97 2.68 0.00
STONY___BROOK 24151	50.79 0.93 3.04	48.11 1.67 0.00	34.32 1.62 0.00	33.92 1.79 0.00	33.09 1.57 0.00	39.84 1.51 0.00	45.99 1.04 0.00	50.75 1.31 0.00	46.29 1.08 7.44	40.26 1.16 13.69	58.19 2.63 -0.85	72.01 2.70 -2.61	73.23 3.62 1.28	84.78 6.47 -0.15	86.56 11.99 31.67	240.77 14.38 -92.67	201.03 21.92 12.26	562.28 62.56 24.77	540.34 59.82 61.26	439.71 44.94 76.99	312.63 26.98 -13.23	75.11 5.17 -13.59	49.22 3.89 2.54	49.64 3.04 3.69
STURGEON_POOL_HYD 23609	54.25 1.35 0.00	48.01 1.57 0.00	33.95 1.25 0.00	33.47 1.34 0.00	32.74 1.22 0.00	39.47 1.15 0.00	45.97 1.02 0.00	50.82 1.39 0.00	54.17 1.53 0.00	54.70 1.73 -0.18	57.27 2.13 -0.43	70.45 2.66 -1.10	74.45 3.56 0.00	83.18 5.02 0.00	114.57 8.33 0.00	144.75 11.02 0.00	208.58 17.21 0.00	573.40 48.91 0.00	590.61 48.83 0.00	507.48 35.72 0.00	293.82 21.41 0.00	60.70 4.34 0.00	51.04 3.17 0.00	52.49 2.20 0.00

ST_LAW_115_BK7_LBMP 345037	52.89 -0.02 0.00	46.25 -0.19 0.00	32.46 -0.24 0.00	31.81 -0.32 0.00	31.34 -0.17 0.00	38.35 0.02 0.00	45.31 0.35 0.00	49.68 0.24 0.00	52.86 0.22 0.00	53.01 0.22 0.00	54.73 0.02 0.00	66.46 -0.23 0.00	70.10 -0.79 0.00	76.62 -1.54 0.00	119.42 -4.00 -17.19	127.42 -6.40 -0.10	182.18 -9.19 0.00	497.79 -26.70 0.00	514.84 -26.94 0.00	450.18 -21.58 0.00	259.03 -13.38 0.00	50.20 -2.72 3.44	45.90 -1.97 0.00	47.59 -1.02 1.69
ST_LAW_115_BK8_LBMP 345038	52.89 -0.02 0.00	46.25 -0.19 0.00	32.46 -0.24 0.00	31.81 -0.32 0.00	31.34 -0.17 0.00	38.35 0.02 0.00	45.31 0.35 0.00	49.68 0.24 0.00	52.86 0.22 0.00	53.01 0.22 0.00	54.73 0.02 0.00	66.46 -0.23 0.00	70.10 -0.79 0.00	76.62 -1.54 0.00	119.42 -4.00 -17.19	127.42 -6.40 -0.10	182.18 -9.19 0.00	497.79 -26.70 0.00	514.84 -26.94 0.00	450.18 -21.58 0.00	259.03 -13.38 0.00	50.20 -2.72 3.44	45.90 -1.97 0.00	47.59 -1.02 1.69
ST_LAW_230_BK5_LBMP 345035	52.87 -0.04 0.00	46.25 -0.19 0.00	32.46 -0.24 0.00	31.82 -0.31 0.00	31.35 -0.17 0.00	38.33 0.00 0.00	45.27 0.31 0.00	49.65 0.21 0.00	52.84 0.20 0.00	53.00 0.21 0.00	54.76 0.05 0.00	66.52 -0.17 0.00	70.19 -0.70 0.00	76.78 -1.38 0.00	112.59 -3.59 -9.94	128.13 -5.65 -0.06	183.06 -8.31 0.00	500.29 -24.20 0.00	517.27 -24.50 0.00	452.11 -19.65 0.00	260.24 -12.17 0.00	50.35 -2.50 3.51	46.03 -1.84 0.00	48.08 -1.00 1.21
ST_LAW_230_BK6_LBMP 345036	52.87 -0.04 0.00	46.25 -0.19 0.00	32.46 -0.24 0.00	31.82 -0.31 0.00	31.35 -0.17 0.00	38.33 0.00 0.00	45.27 0.31 0.00	49.65 0.21 0.00	52.84 0.20 0.00	53.00 0.21 0.00	54.76 0.05 0.00	66.52 -0.17 0.00	70.19 -0.70 0.00	76.78 -1.38 0.00	112.59 -3.59 -9.94	128.13 -5.65 -0.06	183.06 -8.31 0.00	500.29 -24.20 0.00	517.27 -24.50 0.00	452.11 -19.65 0.00	260.24 -12.17 0.00	50.35 -2.50 3.51	46.03 -1.84 0.00	48.08 -1.00 1.21
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	54.04 1.14 0.00	47.79 1.35 0.00	33.80 1.10 0.00	33.34 1.20 0.00	32.58 1.06 0.00	39.28 0.95 0.00	45.78 0.83 0.00	50.56 1.12 0.00	53.85 1.21 0.00	54.52 1.41 -0.32	57.27 1.82 -0.73	70.94 2.37 -1.89	74.14 3.25 0.00	82.86 4.71 0.00	114.77 7.91 -0.63	191.79 10.63 -47.44	220.70 16.02 -13.31	616.56 45.63 -46.44	589.89 45.63 -2.48	506.92 35.16 0.00	292.50 20.09 0.00	60.43 4.07 0.00	50.80 2.94 0.00	52.28 1.98 0.00
SWANROAD_115KV_TB1 355699	54.88 1.97 0.00	47.52 1.07 0.00	33.14 0.44 0.00	32.01 -0.13 0.00	31.31 -0.20 0.00	38.52 0.20 0.00	45.12 0.17 0.00	49.30 -0.14 0.00	53.35 0.71 0.00	53.76 0.97 0.00	55.90 1.18 0.00	68.70 2.00 0.00	73.51 2.62 0.00	80.44 2.28 0.00	111.62 5.38 0.00	141.77 8.05 0.00	196.92 5.55 0.00	536.79 12.30 0.00	554.76 12.98 0.00	485.94 14.18 0.00	282.58 10.17 0.00	58.21 1.85 0.00	49.60 1.73 0.00	52.77 2.47 0.00
SYNERGY___BIOGAS 323694	57.18 4.28 0.00	49.49 3.05 0.00	34.51 1.81 0.00	33.42 1.29 0.00	32.66 1.14 0.00	40.10 1.77 0.00	47.16 2.21 0.00	51.71 2.27 0.00	55.69 3.05 0.00	55.91 3.12 0.00	57.85 3.13 0.00	70.59 3.90 0.00	75.31 4.43 0.00	82.82 4.66 0.00	114.75 8.52 0.00	145.87 12.14 0.00	203.94 12.56 0.00	557.94 33.46 0.00	581.78 40.00 0.00	511.26 39.50 0.00	296.50 24.09 0.00	111.25 4.77 -50.11	100.05 4.54 -47.64	55.17 4.87 0.00
SYRACUSE___ENERGY_ST1 323597	53.07 0.11 -0.06	46.46 -0.05 -0.07	32.64 -0.06 0.00	32.02 -0.11 0.00	31.34 -0.18 0.00	38.15 -0.17 0.00	44.72 -0.23 0.00	49.20 -0.24 0.00	52.50 -0.14 0.00	52.68 -0.12 0.00	54.67 -0.05 0.00	66.98 0.29 0.00	71.80 0.92 0.00	79.10 0.94 0.00	105.65 2.22 2.80	137.03 3.32 0.02	195.31 3.94 0.00	533.36 8.87 0.00	551.45 9.67 0.00	481.06 9.30 0.00	278.40 5.99 0.00	57.42 1.06 0.00	48.62 0.75 0.00	50.90 0.44 -0.17
SYRACUSE___ENERGY_ST2 323598	53.07 0.11 -0.06	46.46 -0.05 -0.07	32.64 -0.06 0.00	32.02 -0.11 0.00	31.34 -0.18 0.00	38.15 -0.17 0.00	44.72 -0.23 0.00	49.20 -0.24 0.00	52.50 -0.14 0.00	52.68 -0.12 0.00	54.67 -0.05 0.00	66.98 0.29 0.00	71.80 0.92 0.00	79.10 0.94 0.00	105.65 2.22 2.80	137.03 3.32 0.02	195.31 3.94 0.00	533.36 8.87 0.00	551.45 9.67 0.00	481.06 9.30 0.00	278.40 5.99 0.00	57.42 1.06 0.00	48.62 0.75 0.00	50.90 0.44 -0.17
SYRACUSE___POWER 24017	53.26 0.31 -0.04	46.62 0.13 -0.05	32.77 0.07 0.00	32.15 0.02 0.00	31.47 -0.05 0.00	38.31 -0.02 0.00	44.89 -0.06 0.00	49.44 0.00 0.00	52.70 0.06 0.00	52.88 0.09 0.00	54.86 0.14 0.00	67.16 0.47 0.00	71.89 1.00 0.00	79.37 1.21 0.00	105.75 2.64 3.12	137.58 3.88 0.02	196.38 5.01 0.00	537.33 12.85 0.00	555.47 13.69 0.00	484.52 12.76 0.00	280.10 7.70 0.00	57.76 1.40 0.00	48.90 1.04 0.00	51.16 0.69 -0.18
TALLMAN_138KV_BK151 55660	54.23 1.32 0.00	47.99 1.55 0.00	33.95 1.25 0.00	33.52 1.38 0.00	32.74 1.22 0.00	39.42 1.09 0.00	45.94 0.99 0.00	50.74 1.30 0.00	54.05 1.41 0.00	54.81 1.68 -0.34	57.68 2.19 -0.78	71.54 2.84 -2.01	74.73 3.84 0.00	83.69 5.53 0.00	116.25 9.15 -0.87	211.25 12.24 -65.28	227.85 18.16 -18.32	639.97 51.58 -63.90	596.50 51.31 -3.41	511.26 39.50 0.00	294.80 22.40 0.00	60.89 4.53 0.00	51.12 3.25 0.00	52.51 2.21 0.00
TEALLAVE_115KV_TB7 355573	52.98 0.05 -0.03	46.38 -0.10 -0.04	32.62 -0.08 0.00	32.00 -0.14 0.00	31.32 -0.20 0.00	38.11 -0.21 0.00	44.66 -0.30 0.00	49.18 -0.26 0.00	52.44 -0.20 0.00	52.64 -0.16 0.00	54.62 -0.09 0.00	66.86 0.17 0.00	71.44 0.55 0.00	78.93 0.76 0.00	104.61 2.02 3.65	136.88 3.18 0.02	195.31 3.93 0.00	534.41 9.92 0.00	552.22 10.44 0.00	481.47 9.71 0.00	278.23 5.83 0.00	57.40 1.04 0.00	48.61 0.75 0.00	50.91 0.41 -0.20
TELGRAPH_34_KV_EAST 80808	55.73 2.82 0.00	48.24 1.80 0.00	33.63 0.94 0.00	32.52 0.39 0.00	31.79 0.27 0.00	39.07 0.75 0.00	45.85 0.90 0.00	50.17 0.73 0.00	54.25 1.61 0.00	54.62 1.82 0.00	56.78 2.06 0.00	69.80 3.11 0.00	74.65 3.76 0.00	82.05 3.89 0.00	113.81 7.58 0.00	144.49 10.76 0.00	201.40 10.03 0.00	549.99 25.50 0.00	570.52 28.74 0.00	499.86 28.10 0.00	290.25 17.84 0.00	59.70 3.34 0.00	50.81 2.95 0.00	53.77 3.48 0.00
TEMPLE___115KV_TB 2 55572	52.99 0.06 -0.03	46.41 -0.07 -0.04	32.64 -0.06 0.00	32.02 -0.12 0.00	31.33 -0.19 0.00	38.13 -0.19 0.00	44.68 -0.28 0.00	49.20 -0.23 0.00	52.48 -0.16 0.00	52.69 -0.10 0.00	54.68 -0.04 0.00	66.93 0.24 0.00	71.52 0.63 0.00	79.02 0.86 0.00	104.87 2.19 3.56	137.10 3.39 0.02	195.62 4.24 0.00	535.10 10.62 0.00	552.80 11.02 0.00	481.90 10.14 0.00	278.46 6.06 0.00	57.46 1.10 0.00	48.65 0.79 0.00	50.94 0.44 -0.20
TIANA___69_KV_BK 1 55817	51.01 1.16 3.06	48.29 1.85 0.00	34.46 1.76 0.00	34.07 1.94 0.00	33.25 1.73 0.00	40.06 1.73 0.00	46.29 1.34 0.00	51.15 1.72 0.00	46.80 1.63 7.48	40.82 1.79 13.75	59.00 3.44 -0.85	73.18 3.81 -2.68	75.01 4.96 0.83	86.48 8.18 -0.14	88.40 14.56 32.40	243.99 17.87 -92.40	193.13 26.90 25.14	570.05 76.18 30.62	551.89 74.66 64.55	454.16 57.73 75.33	320.65 33.95 -14.30	76.21 6.32 -13.53	50.00 4.91 2.77	50.14 3.69 3.84

TILDEN___115KV_TB1 80814	53.26 0.31 -0.04	46.62 0.13 -0.05	32.77 0.07 0.00	32.15 0.02 0.00	31.47 -0.05 0.00	38.31 -0.02 0.00	44.89 -0.06 0.00	49.44 0.00 0.00	52.70 0.06 0.00	52.88 0.09 0.00	54.86 0.14 0.00	67.16 0.47 0.00	71.89 1.00 0.00	79.37 1.21 0.00	105.75 2.64 3.12	137.58 3.88 0.02	196.38 5.01 0.00	537.33 12.85 0.00	555.47 13.69 0.00	484.52 12.76 0.00	280.10 7.70 0.00	57.76 1.40 0.00	48.90 1.04 0.00	51.16 0.69 -0.18
TRIGEN___CC 323695	53.79 1.37 0.48	48.34 1.89 0.00	34.34 1.64 0.00	33.89 1.76 0.00	33.10 1.58 0.00	39.85 1.52 0.00	46.18 1.23 0.00	51.01 1.57 0.00	52.93 1.46 1.18	52.54 1.60 1.86	58.11 2.54 -0.85	71.63 2.75 -2.18	74.76 3.87 -0.01	86.87 6.66 -2.05	153.16 11.14 -35.79	269.50 14.35 -121.43	275.51 21.85 -62.29	1047.53 62.50 -460.54	1060.85 63.01 -456.06	701.74 49.79 -180.19	388.67 28.12 -88.15	86.06 5.41 -24.30	88.00 4.08 -36.06	73.99 2.93 -20.76
TRINITY___115KV___4 BK 55933	52.30 -0.61 0.00	46.24 -0.20 0.00	32.75 0.05 0.00	32.44 0.31 0.00	31.78 0.27 0.00	38.18 -0.15 0.00	44.50 -0.46 0.00	48.98 -0.46 0.00	52.09 -0.55 0.00	51.87 -0.64 0.29	53.42 -0.63 0.67	64.31 -0.66 1.72	70.53 -0.35 0.00	78.43 0.27 0.00	107.17 1.01 0.07	129.79 1.67 5.60	193.28 3.48 1.57	530.98 11.98 5.48	553.58 12.09 0.29	480.93 9.17 0.00	278.06 5.65 0.00	57.68 1.32 0.00	48.75 0.88 0.00	50.62 0.32 0.00
UNION___PROCESSING_DRP 323587	55.34 2.43 0.00	48.07 1.63 0.00	33.61 0.91 0.00	32.67 0.54 0.00	31.93 0.41 0.00	39.05 0.72 0.00	45.90 0.95 0.00	50.42 0.98 0.00	54.29 1.65 0.00	54.66 1.87 0.00	56.88 2.16 0.00	69.93 3.23 0.00	74.82 3.94 0.00	82.62 4.46 0.00	113.96 7.72 0.00	144.51 10.78 0.00	203.19 11.82 0.00	555.07 30.58 0.00	574.90 33.12 0.00	502.40 30.63 0.00	290.84 18.43 0.00	59.90 3.54 0.00	50.73 2.87 0.00	53.25 2.95 0.00
UPPER HUDSON___HYD 24058	55.06 2.15 0.00	48.58 2.14 0.00	34.36 1.66 0.00	33.81 1.67 0.00	33.18 1.67 0.00	40.09 1.76 0.00	46.65 1.70 0.00	51.38 1.95 0.00	54.60 1.97 0.00	54.09 1.61 0.31	55.30 1.31 0.73	66.72 1.90 1.88	73.45 2.56 0.00	81.69 3.53 0.00	111.74 5.57 0.07	136.14 7.57 5.16	202.30 12.38 1.45	556.53 37.10 5.05	582.34 40.83 0.27	506.41 34.65 0.00	293.49 21.08 0.00	61.16 4.80 0.00	51.44 3.58 0.00	53.48 3.18 0.00
UPPER RAQUET___HYD 24056	54.12 1.20 -0.01	47.29 0.83 -0.01	33.15 0.45 0.00	32.42 0.29 0.00	31.92 0.41 0.00	39.12 0.80 0.00	46.39 1.43 0.00	50.74 1.30 0.00	53.61 0.97 0.00	53.37 0.58 0.00	54.50 -0.22 0.00	65.94 -0.75 0.00	69.35 -1.54 0.00	75.34 -2.82 0.00	-26.58 -6.94 125.87	122.10 -10.89 0.73	176.82 -14.55 0.00	484.04 -40.44 0.00	503.01 -38.77 0.00	443.07 -28.69 0.00	254.48 -17.92 0.00	50.35 -3.27 2.74	46.08 -1.78 0.00	65.24 -0.40 -15.34
VALLEY44_115KV_TB2 355964	54.94 2.04 0.00	47.71 1.27 0.00	33.39 0.69 0.00	32.56 0.43 0.00	31.69 0.17 0.00	38.98 0.65 0.00	45.88 0.93 0.00	50.37 0.93 0.00	54.21 1.57 0.00	54.45 1.65 0.00	56.32 1.60 0.00	69.56 2.87 0.00	74.53 3.65 0.00	82.75 4.59 0.00	115.06 8.82 0.00	144.98 11.26 0.00	203.07 11.70 0.00	555.93 31.44 0.00	573.45 31.67 0.00	500.03 28.27 0.00	291.63 19.22 0.00	59.56 3.20 0.00	50.58 2.71 0.00	52.99 2.69 0.00
VALLEY___115KV_TB 1-4 80826	53.06 0.16 0.00	46.80 0.35 0.00	33.05 0.36 0.00	32.64 0.51 0.00	31.92 0.40 0.00	38.60 0.28 0.00	45.03 0.08 0.00	49.42 -0.02 0.00	52.31 -0.33 0.00	52.27 -0.53 0.00	54.07 -0.64 0.00	66.04 -0.65 0.00	70.68 -0.21 0.00	78.63 0.47 0.00	105.21 1.57 2.59	136.13 2.42 0.02	195.84 4.47 0.00	540.69 16.20 0.00	561.89 20.12 0.00	491.33 19.57 0.00	285.63 13.22 0.00	59.41 2.86 -0.20	49.88 2.01 0.00	51.57 1.28 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	54.80 1.88 -0.01	48.21 1.75 -0.01	33.98 1.28 0.00	33.39 1.26 0.00	32.64 1.12 0.00	39.62 1.29 0.00	46.33 1.37 0.00	51.09 1.65 0.00	54.52 1.88 0.00	54.90 2.10 0.00	57.09 2.37 0.00	69.76 3.07 0.00	74.67 3.78 0.00	82.76 4.60 0.00	113.45 7.18 -0.04	146.11 9.34 -3.04	205.97 13.74 -0.85	565.71 38.24 -2.98	580.59 38.65 -0.16	504.35 32.59 0.00	291.17 18.76 0.00	60.10 3.75 0.00	50.88 3.01 0.00	52.72 2.42 0.00
VISCHER___FERRY HYD 24020	53.47 0.57 0.00	47.25 0.80 0.00	33.44 0.74 0.00	33.04 0.90 0.00	32.40 0.89 0.00	39.00 0.67 0.00	45.46 0.50 0.00	50.02 0.59 0.00	53.19 0.55 0.00	52.74 0.38 0.43	54.04 0.32 1.00	64.65 0.52 2.57	71.87 0.98 0.00	79.95 1.79 0.00	109.27 3.11 0.08	132.43 4.41 5.70	197.18 7.41 1.60	541.98 23.08 5.58	565.97 24.48 0.30	491.83 20.06 0.00	284.98 12.57 0.00	59.20 2.84 0.00	49.98 2.11 0.00	51.91 1.61 0.00
V_A_10_SYNC_DSASP 323832	54.95 2.05 0.00	47.68 1.24 0.00	33.31 0.61 0.00	32.29 0.16 0.00	31.54 0.02 0.00	38.65 0.32 0.00	45.41 0.46 0.00	49.72 0.28 0.00	53.68 1.04 0.00	54.04 1.24 0.00	56.17 1.45 0.00	69.11 2.41 0.00	73.98 3.09 0.00	81.56 3.40 0.00	112.91 6.68 0.00	142.94 9.21 0.00	198.90 7.53 0.00	541.96 17.47 0.00	560.13 18.35 0.00	489.88 18.11 0.00	285.22 12.82 0.00	58.88 2.52 0.00	49.99 2.13 0.00	52.79 2.49 0.00
V_CMM_10_SYNC_DSASP 323787	53.17 0.27 0.00	46.52 0.07 0.00	32.64 -0.06 0.00	31.98 -0.15 0.00	31.51 -0.01 0.00	38.56 0.23 0.00	45.54 0.59 0.00	49.93 0.49 0.00	53.12 0.49 0.00	53.28 0.49 0.00	55.03 0.31 0.00	66.81 0.11 0.00	70.47 -0.41 0.00	77.04 -1.12 0.00	119.98 -3.44 -17.19	127.66 -6.16 -0.10	182.37 -9.00 0.00	498.27 -26.21 0.00	515.34 -26.44 0.00	450.74 -21.02 0.00	259.32 -13.08 0.00	50.26 -2.66 3.44	45.95 -1.91 0.00	47.84 -0.77 1.69
V_CMP_10_SYNC_DSASP 323788	53.32 0.42 0.00	46.89 0.45 0.00	32.92 0.22 0.00	32.34 0.21 0.00	31.87 0.35 0.00	38.91 0.58 0.00	45.99 1.04 0.00	50.27 0.83 0.00	53.17 0.53 0.00	53.41 0.62 0.00	55.11 0.40 0.00	67.12 0.43 0.00	71.21 0.33 0.00	77.86 -0.30 0.00	103.95 -2.28 0.00	131.01 -2.72 0.00	184.74 -6.63 0.00	501.91 -22.58 0.00	519.44 -22.34 0.00	453.36 -18.41 0.00	261.30 -11.11 0.00	50.05 -2.86 3.45	45.03 -2.83 0.00	47.15 -1.87 1.27
V_D_10_SYNC_DSASP 323841	53.55 0.64 0.00	46.83 0.39 0.00	32.86 0.16 0.00	32.18 0.05 0.00	31.71 0.19 0.00	38.81 0.48 0.00	45.93 0.98 0.00	50.33 0.89 0.00	53.42 0.78 0.00	53.57 0.78 0.00	55.23 0.52 0.00	66.94 0.25 0.00	70.52 -0.37 0.00	76.93 -1.23 0.00	130.48 -4.17 -28.42	126.10 -7.78 -0.16	181.98 -9.40 0.00	497.48 -27.00 0.00	514.34 -27.44 0.00	450.65 -21.12 0.00	259.15 -13.26 0.00	50.43 -2.60 3.32	46.29 -1.58 0.00	61.68 -0.39 -11.77
V_E_10_SYNC_DSASP 323830	57.46 4.53 -0.03	50.33 3.86 -0.03	35.35 2.65 0.00	34.53 2.40 0.00	33.55 2.03 0.00	41.22 2.90 0.00	48.55 3.59 0.00	53.68 4.24 0.00	57.05 4.40 0.00	56.99 4.20 0.00	59.04 4.33 0.00	72.32 5.63 0.00	77.65 6.76 0.00	86.29 8.13 0.00	118.46 12.23 0.00	149.22 15.49 0.00	213.42 22.04 0.00	587.61 63.12 0.00	612.65 70.87 0.00	538.20 66.44 0.00	312.54 40.14 0.00	64.07 7.71 0.00	53.68 5.82 0.00	55.63 5.33 0.00

WDELAWARE___HYD 323627	53.48 0.57 0.00	47.19 0.75 0.00	33.32 0.62 0.00	32.83 0.70 0.00	32.09 0.58 0.00	38.74 0.41 0.00	45.20 0.24 0.00	49.97 0.53 0.00	53.21 0.57 0.00	53.83 0.81 -0.23	56.41 1.15 -0.54	69.58 1.50 -1.38	73.29 2.40 0.00	81.82 3.66 0.00	112.88 6.50 -0.15	153.79 9.03 -11.03	208.65 14.18 -3.10	576.94 41.65 -10.80	585.42 43.07 -0.58	504.29 32.53 0.00	291.38 18.97 0.00	60.09 3.73 0.00	50.41 2.54 0.00	51.85 1.56 0.00
WEST BABYLON___IC 23714	51.83 1.60 2.67	48.63 2.19 0.00	34.67 1.97 0.00	34.21 2.08 0.00	33.38 1.86 0.00	40.20 1.88 0.00	46.45 1.50 0.00	51.30 1.86 0.00	47.83 1.73 6.54	42.68 1.87 11.98	58.84 3.28 -0.85	73.38 3.54 -3.15	75.12 4.71 0.48	86.49 7.86 -0.48	104.05 13.48 15.67	250.70 16.67 -100.30	207.51 25.06 8.92	695.16 71.81 -98.87	684.72 71.27 -71.67	520.56 56.48 7.68	337.10 32.44 -32.26	78.01 6.22 -15.43	57.13 4.78 -4.49	54.68 3.63 -0.75
WEST CANADA___HYD 24049	52.90 0.00 0.00	46.52 0.08 0.00	32.79 0.10 0.00	32.26 0.13 0.00	31.62 0.10 0.00	38.36 0.04 0.00	44.91 -0.05 0.00	49.42 -0.02 0.00	52.59 -0.05 0.00	52.73 -0.06 0.00	54.66 -0.06 0.00	66.64 -0.05 0.00	70.98 0.09 0.00	78.48 0.32 0.00	104.46 0.81 2.59	134.91 1.20 0.02	193.25 1.88 0.00	530.18 5.69 0.00	547.75 5.97 0.00	476.77 5.01 0.00	275.41 3.00 0.00	57.19 0.63 -0.20	48.33 0.46 0.00	50.51 0.21 0.00
WESTERN_NY_WIND 24143	57.13 4.22 0.00	49.43 2.99 0.00	34.46 1.77 0.00	33.37 1.24 0.00	32.62 1.10 0.00	40.05 1.72 0.00	47.11 2.15 0.00	51.65 2.21 0.00	55.62 2.98 0.00	55.83 3.03 0.00	57.79 3.07 0.00	70.57 3.87 0.00	75.37 4.48 0.00	82.84 4.68 0.00	114.83 8.59 0.00	145.88 12.16 0.00	203.93 12.56 0.00	557.94 33.46 0.00	581.82 40.05 0.00	511.26 39.50 0.00	296.51 24.10 0.00	61.11 4.75 0.00	52.33 4.47 0.00	55.09 4.79 0.00
WESTOVER___LESR 323668	53.85 0.92 -0.02	47.16 0.69 -0.03	33.18 0.48 0.00	32.61 0.48 0.00	31.80 0.28 0.00	38.81 0.48 0.00	45.44 0.49 0.00	50.05 0.61 0.00	53.32 0.68 0.00	53.51 0.72 0.00	55.53 0.82 0.00	68.08 1.39 0.00	73.01 2.13 0.00	80.93 2.77 0.00	111.62 5.39 0.00	140.67 6.94 0.00	200.24 8.87 0.00	547.95 23.46 0.00	565.86 24.08 0.00	492.10 20.33 0.00	285.61 13.21 0.00	58.79 2.43 0.00	49.73 1.86 0.00	51.75 1.45 0.00
WETHRSFD_WT_PWR 323626	55.08 2.18 0.00	47.85 1.41 0.00	33.49 0.79 0.00	32.60 0.47 0.00	31.76 0.24 0.00	39.02 0.70 0.00	45.82 0.87 0.00	50.05 0.61 0.00	53.63 0.99 0.00	53.82 1.03 0.00	55.87 1.15 0.00	68.81 2.12 0.00	73.80 2.91 0.00	81.43 3.27 0.00	113.11 6.87 0.00	143.15 9.42 0.00	200.78 9.41 0.00	548.02 23.54 0.00	569.01 27.23 0.00	499.17 27.41 0.00	290.59 18.18 0.00	59.44 3.08 0.00	50.26 2.40 0.00	52.71 2.42 0.00
WHAVSTOR_138KV_BK127 55557	54.02 1.12 0.00	47.84 1.40 0.00	33.86 1.17 0.00	33.45 1.32 0.00	32.68 1.16 0.00	39.33 1.01 0.00	45.81 0.86 0.00	50.60 1.16 0.00	53.86 1.22 0.00	54.61 1.47 -0.34	57.46 1.94 -0.80	71.25 2.50 -2.05	74.36 3.47 0.00	83.28 5.12 0.00	115.71 8.52 -0.96	217.44 11.34 -72.37	228.69 17.01 -20.31	643.76 48.43 -70.85	593.67 48.11 -3.78	508.78 37.01 0.00	293.44 21.03 0.00	60.63 4.27 0.00	50.92 3.06 0.00	52.32 2.02 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	54.02 1.12 0.00	47.84 1.40 0.00	33.86 1.17 0.00	33.45 1.32 0.00	32.68 1.16 0.00	39.33 1.01 0.00	45.81 0.86 0.00	50.60 1.16 0.00	53.86 1.22 0.00	54.61 1.47 -0.34	57.46 1.94 -0.80	71.25 2.50 -2.05	74.36 3.47 0.00	83.28 5.12 0.00	115.71 8.52 -0.96	217.44 11.34 -72.37	228.69 17.01 -20.31	643.76 48.43 -70.85	593.67 48.11 -3.78	508.78 37.01 0.00	293.44 21.03 0.00	60.63 4.27 0.00	50.92 3.06 0.00	52.32 2.02 0.00
WHITEHAL_115KV_TB1 80871	57.11 4.21 0.00	50.52 4.08 0.00	35.70 3.00 0.00	35.03 2.90 0.00	34.46 2.95 0.00	41.56 3.23 0.00	48.21 3.26 0.00	52.96 3.53 0.00	56.13 3.49 0.00	55.13 2.65 0.32	56.70 2.73 0.75	68.50 3.73 1.92	75.75 4.86 0.00	84.55 6.39 0.00	115.26 9.10 0.07	140.30 11.77 5.19	207.89 17.98 1.46	570.89 51.49 5.09	596.67 55.16 0.27	517.52 45.76 0.00	303.11 30.70 0.00	63.09 6.73 0.00	53.12 5.26 0.00	55.33 5.04 0.00
WHITEPLN_13_KV_LOAD 356215	55.05 2.15 0.00	48.76 2.32 0.00	34.49 1.79 0.00	34.02 1.89 0.00	33.26 1.74 0.00	40.07 1.75 0.00	46.73 1.78 0.00	51.71 2.28 0.00	55.11 2.47 0.00	55.89 2.73 -0.36	58.86 3.30 -0.85	73.08 4.21 -2.18	76.29 5.41 0.00	85.47 7.31 0.00	119.23 11.66 -1.34	250.07 15.31 -101.04	242.50 22.78 -28.35	687.91 64.51 -98.91	611.28 64.23 -5.27	522.44 50.67 0.00	300.89 28.48 0.00	62.10 5.74 0.00	52.09 4.23 0.00	53.51 3.22 0.00
WM_FLOYD_69_KV_BK2 356380	50.65 0.79 3.05	47.98 1.54 0.00	34.24 1.54 0.00	33.83 1.70 0.00	33.02 1.50 0.00	39.77 1.45 0.00	45.96 1.01 0.00	50.72 1.28 0.00	46.25 1.07 7.46	40.23 1.16 13.72	58.23 2.66 -0.85	72.18 2.75 -2.73	73.82 3.82 0.89	85.16 6.85 -0.15	86.70 12.58 32.11	241.65 15.34 -92.58	190.99 23.11 23.50	561.77 65.69 28.41	543.77 64.59 62.60	446.71 49.73 74.78	316.74 29.97 -14.36	75.56 5.64 -13.56	49.52 4.32 2.66	49.65 3.13 3.77
WOODARD___115KV_TB2 355635	52.88 -0.07 -0.04	46.30 -0.20 -0.05	32.56 -0.14 0.00	31.94 -0.19 0.00	31.27 -0.25 0.00	38.04 -0.28 0.00	44.57 -0.38 0.00	49.06 -0.37 0.00	52.31 -0.33 0.00	52.50 -0.29 0.00	54.46 -0.26 0.00	66.62 -0.07 0.00	71.16 0.27 0.00	78.62 0.46 0.00	104.28 1.56 3.51	136.24 2.53 0.02	194.48 3.11 0.00	532.31 7.82 0.00	549.87 8.09 0.00	479.45 7.69 0.00	277.06 4.65 0.00	57.17 0.81 0.00	48.43 0.56 0.00	50.72 0.23 -0.19
WOODMERE_69_KV_BK1 55827	55.22 2.32 0.00	49.13 2.68 0.00	34.87 2.17 0.00	34.39 2.25 0.00	33.57 2.05 0.00	40.41 2.08 0.00	46.85 1.90 0.00	51.78 2.34 0.00	54.97 2.33 0.00	55.72 2.56 -0.36	59.14 3.58 -0.85	72.84 3.97 -2.18	75.82 4.91 -0.02	90.88 7.94 -4.78	161.13 12.87 -42.03	269.29 16.75 -118.81	256.69 25.41 -39.91	921.28 72.47 -324.33	969.60 73.72 -354.10	660.52 58.77 -129.98	410.32 32.83 -105.09	102.51 6.32 -39.82	144.45 4.81 -91.77	110.16 3.72 -56.13
YORK___WARBASSE 23770	54.80 1.90 0.00	48.82 2.38 0.00	34.53 1.83 0.00	33.98 1.85 0.00	33.24 1.72 0.00	40.01 1.69 0.00	46.64 1.69 0.00	51.48 2.05 0.00	54.76 2.12 0.00	55.44 2.28 -0.36	58.41 2.85 -0.85	72.41 3.54 -2.18	75.63 4.74 0.00	84.64 6.48 0.00	118.18 10.50 -1.45	256.58 13.66 -109.19	242.06 20.05 -30.64	687.90 56.51 -106.89	603.98 56.50 -5.70	516.08 44.31 0.00	297.12 24.72 0.00	61.38 5.01 0.00	51.59 3.72 0.00	52.98 2.68 0.00