

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/29/2025

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	65.83	55.09	49.64	39.40	42.73	39.44	53.73	46.54	49.75	51.89	64.96	71.69	72.47	91.00	98.12	127.17	400.75	811.16	642.16	621.05	210.85	140.65	101.13	92.91
24138	2.96	2.65	3.08	2.53	2.59	2.30	2.92	2.93	3.20	3.53	4.28	5.30	6.73	9.68	10.64	14.27	46.42	94.85	72.49	66.15	21.39	12.64	7.65	4.88
	0.00	0.00	0.00	0.00	0.00	-0.30	0.00	0.00	0.00	-0.43	0.00	0.00	0.00	0.00	0.00	-0.17	-2.50	-6.08	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	66.06	55.24	49.72	39.41	42.74	39.45	53.75	46.57	49.75	51.93	65.06	71.89	72.63	91.18	98.30	127.20	400.79	811.19	643.11	622.21	211.25	140.97	101.43	93.19
24260	3.19	2.80	3.15	2.54	2.60	2.30	2.95	2.96	3.20	3.57	4.39	5.49	6.89	9.86	10.81	14.47	46.62	95.20	73.44	67.30	21.79	12.97	7.95	5.17
	0.00	0.00	0.00	0.00	0.00	-0.30	0.00	0.00	0.00	-0.43	0.00	0.00	0.00	0.00	0.00	0.00	-2.34	-5.75	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	66.06	55.24	49.72	39.41	42.74	39.45	53.75	46.57	49.75	51.93	65.06	71.89	72.63	91.18	98.30	127.20	400.79	811.19	643.11	622.21	211.25	140.97	101.43	93.19
24261	3.19	2.80	3.15	2.54	2.60	2.30	2.95	2.96	3.20	3.57	4.39	5.49	6.89	9.86	10.81	14.47	46.62	95.20	73.44	67.30	21.79	12.97	7.95	5.17
	0.00	0.00	0.00	0.00	0.00	-0.30	0.00	0.00	0.00	-0.43	0.00	0.00	0.00	0.00	0.00	0.00	-2.34	-5.75	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	66.69	55.49	49.47	39.03	42.49	38.63	53.79	46.15	48.77	49.60	63.39	69.96	69.47	87.28	94.46	121.64	380.26	775.87	624.75	608.60	206.52	140.04	101.53	94.34
24011	3.82	3.05	2.90	2.16	2.35	2.05	2.99	2.54	2.22	2.05	2.71	3.56	3.74	5.95	6.98	8.92	28.54	65.91	55.07	53.69	17.06	12.03	8.05	6.32
	0.00	0.00	0.00	0.00	0.00	0.27	0.00	0.00	0.00	0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.27	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	67.31	55.92	49.83	39.27	42.79	38.86	54.20	46.57	49.10	49.83	63.82	70.50	69.89	87.98	95.44	122.74	382.61	783.14	630.03	614.02	208.28	141.43	102.51	95.31
23798	4.44	3.48	3.26	2.41	2.65	2.28	3.40	2.96	2.56	2.28	3.15	4.11	4.15	6.66	7.95	10.02	30.89	73.18	60.35	59.11	18.81	13.42	9.03	7.29
	0.00	0.00	0.00	0.00	0.00	0.26	0.00	0.00	0.00	0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.27	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	66.69	55.49	49.47	39.03	42.49	38.63	53.79	46.15	48.77	49.60	63.39	69.96	69.47	87.28	94.46	121.64	380.26	775.87	624.75	608.60	206.52	140.04	101.53	94.34
24028	3.82	3.05	2.90	2.16	2.35	2.05	2.99	2.54	2.22	2.05	2.71	3.56	3.74	5.95	6.98	8.92	28.54	65.91	55.07	53.69	17.06	12.03	8.05	6.32
	0.00	0.00	0.00	0.00	0.00	0.27	0.00	0.00	0.00	0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.27	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	64.99	54.22	48.42	38.25	41.60	37.44	52.43	44.95	47.48	47.81	62.01	68.25	67.87	85.56	92.33	119.12	372.82	757.32	608.56	591.26	200.16	135.68	98.60	91.87
23527	2.12	1.78	1.85	1.38	1.46	1.19	1.63	1.34	0.94	0.74	1.34	1.85	2.14	4.24	4.85	6.39	21.13	47.43	38.88	36.36	10.70	7.67	5.12	3.85
	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.00	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.34	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	62.39	52.16	46.66	36.89	40.10	36.49	50.60	43.29	45.94	46.98	60.12	66.18	66.02	82.61	89.04	114.79	359.28	727.23	583.68	567.12	192.67	129.95	94.28	87.92
24190	-0.48	-0.28	0.09	0.03	-0.04	-0.13	-0.20	-0.32	-0.61	-0.63	-0.55	-0.21	0.28	1.29	1.56	2.07	7.56	17.29	14.01	12.22	3.20	1.94	0.80	-0.10
	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.00	0.00	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.29	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	62.62	52.23	46.12	36.64	39.98	36.80	50.79	43.68	46.74	48.13	60.81	65.88	64.03	120.25	83.30	107.08	334.35	678.41	545.27	530.87	181.19	122.79	90.78	87.02
355683	-0.25	-0.20	-0.45	-0.23	-0.16	-0.05	-0.01	0.07	0.19	0.21	0.14	-0.51	-1.70	-3.64	-4.18	-5.64	-17.48	-31.83	-24.40	-24.04	-8.27	-5.22	-2.70	-1.00
	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	-42.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	62.81	52.50	46.95	37.11	40.34	36.78	50.81	43.21	45.59	46.56	59.32	65.24	65.01	81.58	87.99	113.59	354.15	717.02	579.13	566.00	192.81	130.09	94.44	88.28
323833	-0.06	0.06	0.39	0.24	0.20	0.08	0.01	-0.40	-0.96	-1.16	-1.35	-1.16	-0.72	0.26	0.51	0.86	2.42	7.04	9.45	11.10	3.35	2.08	0.97	0.25
	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.26	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	62.79	52.50	46.93	37.10	40.33	36.76	50.80	43.20	45.58	46.55	59.31	65.23	65.00	81.56	87.98	113.54	354.12	716.71	578.81	565.86	192.76	129.99	94.41	88.24
323834	-0.08	0.06	0.37	0.24	0.19	0.06	0.00	-0.41	-0.97	-1.17	-1.36	-1.17	-0.73	0.24	0.50	0.82	2.39	6.73	9.13	10.96	3.30	1.98	0.93	0.22
	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.26	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	62.39	52.16	46.66	36.89	40.10	36.49	50.60	43.29	45.94	46.98	60.12	66.18	66.02	82.61	89.04	114.79	359.28	727.23	583.68	567.12	192.67	129.95	94.28	87.92
23571	-0.48	-0.28	0.09	0.03	-0.04	-0.13	-0.20	-0.32	-0.61	-0.63	-0.55	-0.21	0.28	1.29	1.56	2.07	7.56	17.29	14.01	12.22	3.20	1.94	0.80	-0.10
	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.00	0.00	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.29	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	62.39 -0.48 0.00	52.16 -0.28 0.00	46.66 0.09 0.00	36.89 0.03 0.00	40.10 -0.04 0.00	36.49 -0.13 0.22	50.60 -0.20 0.00	43.29 -0.32 0.00	45.94 -0.61 0.00	46.98 -0.63 0.32	60.12 -0.55 0.00	66.18 -0.21 0.00	66.02 0.28 0.00	82.61 1.29 0.00	89.04 1.56 0.00	114.79 2.07 0.00	359.28 7.56 0.12	727.23 17.29 0.29	583.68 14.01 0.00	567.12 12.22 0.00	192.67 3.20 0.00	129.95 1.94 0.00	94.28 0.80 0.00	87.92 -0.10 0.00
ALBANY___3 23573	62.39 -0.48 0.00	52.16 -0.28 0.00	46.66 0.09 0.00	36.89 0.03 0.00	40.10 -0.04 0.00	36.49 -0.13 0.22	50.60 -0.20 0.00	43.29 -0.32 0.00	45.94 -0.61 0.00	46.98 -0.63 0.32	60.12 -0.55 0.00	66.18 -0.21 0.00	66.02 0.28 0.00	82.61 1.29 0.00	89.04 1.56 0.00	114.79 2.07 0.00	359.28 7.56 0.12	727.23 17.29 0.29	583.68 14.01 0.00	567.12 12.22 0.00	192.67 3.20 0.00	129.95 1.94 0.00	94.28 0.80 0.00	87.92 -0.10 0.00
ALBANY___4 23574	62.39 -0.48 0.00	52.16 -0.28 0.00	46.66 0.09 0.00	36.89 0.03 0.00	40.10 -0.04 0.00	36.49 -0.13 0.22	50.60 -0.20 0.00	43.29 -0.32 0.00	45.94 -0.61 0.00	46.98 -0.63 0.32	60.12 -0.55 0.00	66.18 -0.21 0.00	66.02 0.28 0.00	82.61 1.29 0.00	89.04 1.56 0.00	114.79 2.07 0.00	359.28 7.56 0.12	727.23 17.29 0.29	583.68 14.01 0.00	567.12 12.22 0.00	192.67 3.20 0.00	129.95 1.94 0.00	94.28 0.80 0.00	87.92 -0.10 0.00
ALBANY___LFGE 323615	63.34 0.47 0.00	52.92 0.49 0.00	47.31 0.73 0.00	37.38 0.52 0.00	40.64 0.50 0.00	36.96 0.36 0.24	51.31 0.51 0.00	43.93 0.32 0.00	46.64 0.09 0.00	47.68 0.09 0.35	61.09 0.42 0.00	67.30 0.91 0.00	67.16 1.42 0.00	84.06 2.74 0.00	90.59 3.10 0.00	116.88 4.16 0.00	365.98 14.27 0.12	740.71 30.77 0.29	594.34 24.67 0.00	577.35 22.44 0.00	196.06 6.60 0.00	132.18 4.17 0.00	95.83 2.35 0.00	89.32 1.29 0.00
ALCOA_PA_115KV_PL-6C 55860	62.94 0.07 0.00	52.50 0.06 0.00	46.27 -0.30 0.00	36.78 -0.09 0.00	40.14 0.00 0.00	37.01 0.17 0.00	51.10 0.29 0.00	43.90 0.30 0.00	46.90 0.35 0.00	48.25 0.32 0.00	60.86 0.19 0.00	65.88 -0.52 0.00	63.83 -1.91 0.00	147.41 -4.58 -70.67	82.79 -4.69 0.00	106.51 -6.21 0.00	332.75 -19.08 0.00	675.60 -34.63 0.00	543.85 -25.83 0.00	529.85 -25.06 0.00	180.92 -8.55 0.00	122.86 -5.15 0.00	91.40 -2.07 0.00	87.88 -0.15 0.00
ALCOA_RYNLDS___DRP 24188	62.94 0.07 0.00	52.50 0.06 0.00	46.27 -0.30 0.00	36.78 -0.09 0.00	40.14 0.00 0.00	37.01 0.17 0.00	51.10 0.29 0.00	43.90 0.30 0.00	46.90 0.35 0.00	48.25 0.32 0.00	60.86 0.19 0.00	65.88 -0.52 0.00	63.83 -1.91 0.00	147.41 -4.58 -70.67	82.79 -4.69 0.00	106.51 -6.21 0.00	332.75 -19.08 0.00	675.60 -34.63 0.00	543.85 -25.83 0.00	529.85 -25.06 0.00	180.92 -8.55 0.00	122.86 -5.15 0.00	91.40 -2.07 0.00	87.88 -0.15 0.00
ALCOA___DSASP 323711	62.94 0.07 0.00	52.50 0.06 0.00	46.27 -0.30 0.00	36.78 -0.09 0.00	40.14 0.00 0.00	37.01 0.17 0.00	51.10 0.29 0.00	43.90 0.30 0.00	46.90 0.35 0.00	48.24 0.32 0.00	60.86 0.19 0.00	65.88 -0.52 0.00	63.83 -1.91 0.00	147.41 -4.59 -70.67	82.79 -4.69 0.00	106.51 -6.21 0.00	332.75 -19.09 0.00	675.61 -34.63 0.00	543.86 -25.83 0.00	529.86 -25.05 0.00	180.92 -8.54 0.00	122.86 -5.15 0.00	91.41 -2.07 0.00	87.88 -0.15 0.00
ALLEGHENY___COGEN 23514	66.93 4.06 0.00	54.90 2.46 0.00	48.01 1.44 0.00	37.81 0.94 0.00	41.25 1.11 0.00	38.06 1.22 0.00	52.77 1.97 0.00	45.35 1.74 0.00	48.36 1.81 0.00	50.32 2.39 0.00	61.29 0.61 0.00	65.00 -1.40 0.00	64.86 -0.88 0.00	79.09 -2.24 0.00	84.55 -2.94 0.00	110.53 -2.19 0.00	345.14 -6.70 0.00	681.41 -28.82 0.00	562.85 -6.82 0.00	562.97 8.06 0.00	198.17 8.71 0.00	127.84 -0.16 0.00	94.02 0.55 0.00	96.10 8.08 0.00
ALTAMONT_115KV_TB 2 55880	63.36 0.49 0.00	52.99 0.55 0.00	47.37 0.80 0.00	37.46 0.60 0.00	40.74 0.60 0.00	37.16 0.46 0.14	51.43 0.63 0.00	44.01 0.40 0.00	46.73 0.18 0.00	47.89 0.16 0.21	61.02 0.34 0.00	67.14 0.75 0.00	66.97 1.23 0.00	83.67 2.35 0.00	90.14 2.66 0.00	116.15 3.43 0.00	363.39 11.68 0.11	735.42 25.46 0.28	590.52 20.84 0.00	574.47 19.57 0.00	195.46 6.00 0.00	131.77 3.77 0.00	95.69 2.21 0.00	89.20 1.18 0.00
ALTONA_WT_PWR 323606	61.18 -1.70 0.00	51.16 -1.28 0.00	45.35 -1.23 0.00	35.98 -0.88 0.00	39.41 -0.73 0.00	36.39 -0.46 0.00	50.46 -0.35 0.00	43.59 -0.02 0.00	46.72 0.18 0.00	48.19 0.26 0.00	60.87 0.20 0.00	65.72 -0.67 0.00	63.84 -1.90 0.00	76.54 -3.81 0.98	83.67 -3.81 0.00	107.78 -4.94 0.00	336.90 -14.93 0.00	686.44 -23.80 0.00	552.68 -17.00 0.00	538.36 -16.54 0.00	183.36 -6.10 0.00	124.15 -3.85 0.00	91.44 -2.04 0.00	87.66 -0.37 0.00
AMERICAN_REF_FUEL 24010	65.24 2.37 0.00	53.46 1.03 0.00	46.28 -0.29 0.00	36.16 -0.71 0.00	39.42 -0.72 0.00	36.29 -0.55 0.00	49.96 -0.84 0.00	43.12 -0.49 0.00	47.08 0.53 0.00	48.94 1.01 0.00	62.25 1.58 0.00	68.62 2.23 0.00	69.18 3.45 0.00	83.71 2.39 0.00	88.78 1.29 0.00	114.26 1.54 0.00	354.86 3.02 0.00	718.07 7.83 0.00	570.83 1.15 0.00	560.71 5.80 0.00	193.76 4.30 0.00	130.38 2.37 0.00	94.94 1.47 0.00	90.91 2.89 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	67.48 4.60 0.00	55.12 2.69 0.00	47.89 1.31 0.00	37.64 0.78 0.00	41.00 0.86 0.00	37.78 0.94 0.00	52.22 1.42 0.00	45.07 1.46 0.00	49.29 2.74 0.00	51.18 3.26 0.00	65.12 4.44 0.00	72.09 5.70 0.00	72.59 6.85 0.00	89.49 8.16 0.00	95.12 7.64 0.00	122.77 10.05 0.00	381.09 29.25 0.00	770.87 60.64 0.00	611.84 42.16 0.00	599.77 44.86 0.00	206.58 17.11 0.00	138.33 10.32 0.00	99.93 6.45 0.00	94.42 6.40 0.00
ARTHUR KILL_GT_1 23520	65.11 2.24 0.01	54.56 2.12 0.00	49.19 2.62 0.00	39.28 2.42 0.00	42.49 2.35 0.00	39.22 2.08 -0.30	53.15 2.34 0.00	46.30 2.69 0.00	49.42 2.87 0.00	51.42 3.06 -0.43	63.86 3.18 0.00	71.00 4.60 0.00	71.93 6.20 0.00	90.64 9.32 0.00	97.69 10.20 -0.01	126.70 13.61 -0.37	397.98 43.45 -2.70	804.29 87.57 -6.48	636.32 66.64 0.00	616.57 61.66 0.00	209.55 20.08 0.00	139.33 11.32 0.00	100.15 6.68 0.00	92.03 4.01 0.00
ARTHUR_KILL_2 23512	64.75 1.89 0.01	54.32 1.88 0.00	48.98 2.41 0.00	39.13 2.27 0.00	42.33 2.18 0.00	39.07 1.92 -0.30	52.94 2.14 0.00	46.12 2.51 0.00	49.21 2.66 0.00	51.23 2.87 -0.43	63.57 2.89 0.00	70.67 4.27 0.00	71.59 5.85 0.00	90.22 8.89 0.00	97.22 9.73 -0.01	126.13 13.03 -0.37	396.05 41.52 -2.70	800.40 83.69 -6.48	633.09 63.41 0.00	613.24 58.34 0.00	208.29 18.83 0.00	138.56 10.55 0.00	99.60 6.13 0.00	91.55 3.52 0.00
ARTHUR_KILL_3 23513	64.98 2.11 0.00	54.37 1.93 0.00	48.99 2.43 0.00	38.89 2.02 0.00	42.17 2.02 0.00	38.91 1.77 -0.30	52.95 2.14 0.00	45.86 2.25 0.00	48.95 2.40 0.00	51.07 2.71 -0.43	63.89 3.22 0.00	70.57 4.17 0.00	71.31 5.57 0.00	89.55 8.22 0.00	96.57 9.08 0.00	124.45 12.24 0.51	393.05 39.40 -1.82	795.52 80.56 -4.72	631.72 62.05 0.00	611.20 56.30 0.00	207.64 18.17 0.00	138.43 10.43 0.00	99.65 6.18 0.00	91.50 3.48 0.00

ARTHUR_KILL_COGEN 323718	65.05 2.19 0.01	54.56 2.12 0.00	49.19 2.62 0.00	39.29 2.42 0.00	42.49 2.35 0.00	39.22 2.08 -0.30	53.15 2.35 0.00	46.31 2.70 0.00	49.42 2.87 0.00	51.44 3.08 -0.43	63.85 3.18 0.00	71.00 4.60 0.00	71.93 6.20 0.00	90.64 9.31 0.00	97.72 10.23 -0.01	126.71 13.62 -0.37	398.05 43.51 -2.70	804.37 87.66 -6.48	636.35 66.67 0.00	616.47 61.56 0.00	209.48 20.02 0.00	139.36 11.36 0.00	100.15 6.68 0.00	92.02 4.00 0.00
ASHOKAN____ 23654	65.04 2.17 0.00	54.25 1.81 0.00	48.51 1.94 0.00	38.23 1.37 0.00	41.58 1.44 0.00	38.13 1.29 0.00	52.22 1.42 0.00	44.79 1.18 0.00	47.78 1.23 0.00	49.27 1.34 0.00	62.33 1.66 0.00	68.91 2.52 0.00	69.26 3.52 0.00	87.04 5.72 0.00	94.08 6.60 0.00	122.80 10.07 0.00	387.56 35.72 0.00	781.35 71.12 0.00	627.36 57.68 0.00	608.85 53.95 0.00	206.67 17.21 0.00	138.12 10.11 0.00	99.20 5.72 0.00	91.40 3.38 0.00
ASTORIA_EAST_ENERGY_CC1 323581	64.94 2.07 -0.01	54.73 2.29 0.00	49.18 2.61 0.00	39.14 2.27 0.00	42.31 2.17 0.00	39.05 1.91 -0.30	53.00 2.19 0.00	45.99 2.38 0.00	48.99 2.44 0.00	51.32 2.48 -0.91	63.51 2.83 0.00	70.46 4.06 0.00	71.27 5.54 0.00	89.57 8.25 0.00	96.51 9.03 0.00	125.23 12.38 -0.13	393.12 38.91 -2.37	797.84 81.85 -5.75	632.25 61.57 -1.01	617.06 57.04 -5.12	209.21 18.29 -1.46	138.99 10.14 -0.84	99.54 6.07 0.00	91.37 3.35 0.00
ASTORIA_EAST_ENERGY_CC2 323582	64.94 2.07 -0.01	54.73 2.29 0.00	49.18 2.61 0.00	39.14 2.27 0.00	42.31 2.17 0.00	39.05 1.91 -0.30	53.00 2.19 0.00	45.99 2.38 0.00	48.99 2.44 0.00	51.32 2.48 -0.91	63.51 2.83 0.00	70.46 4.06 0.00	71.27 5.54 0.00	89.57 8.25 0.00	96.51 9.03 0.00	125.23 12.38 -0.13	393.12 38.91 -2.37	797.89 81.90 -5.75	632.25 61.57 -1.01	617.06 57.04 -5.12	209.21 18.29 -1.46	138.99 10.14 -0.84	99.54 6.07 0.00	91.37 3.35 0.00
ASTORIA_GT2_1 24094	65.02 2.14 -0.01	54.76 2.32 0.00	49.21 2.64 0.00	39.16 2.29 0.00	42.34 2.20 0.00	39.07 1.93 -0.30	53.03 2.23 0.00	46.01 2.40 0.00	49.02 2.47 0.00	51.35 2.50 -0.92	63.55 2.87 0.00	70.49 4.09 0.00	71.31 5.57 0.00	89.60 8.28 0.00	96.57 9.09 0.00	125.29 12.43 -0.13	393.05 38.85 -2.37	798.05 82.06 -5.75	632.05 61.37 -1.01	616.09 56.07 -5.12	209.03 18.11 -1.46	138.96 10.11 -0.84	99.61 6.13 0.00	91.44 3.42 0.00
ASTORIA_GT2_2 24095	65.02 2.14 -0.01	54.76 2.32 0.00	49.21 2.64 0.00	39.16 2.29 0.00	42.34 2.20 0.00	39.07 1.93 -0.30	53.03 2.23 0.00	46.01 2.40 0.00	49.02 2.47 0.00	51.35 2.50 -0.92	63.55 2.87 0.00	70.49 4.09 0.00	71.31 5.57 0.00	89.60 8.28 0.00	96.57 9.09 0.00	125.29 12.43 -0.13	393.05 38.85 -2.37	798.05 82.06 -5.75	632.05 61.37 -1.01	616.09 56.07 -5.12	209.03 18.11 -1.46	138.96 10.11 -0.84	99.61 6.13 0.00	91.44 3.42 0.00
ASTORIA_GT2_3 24096	65.02 2.14 -0.01	54.76 2.32 0.00	49.21 2.64 0.00	39.16 2.29 0.00	42.34 2.20 0.00	39.07 1.93 -0.30	53.03 2.23 0.00	46.01 2.40 0.00	49.02 2.47 0.00	51.35 2.50 -0.92	63.55 2.87 0.00	70.49 4.09 0.00	71.31 5.57 0.00	89.60 8.28 0.00	96.57 9.09 0.00	125.29 12.43 -0.13	393.05 38.85 -2.37	798.05 82.06 -5.75	632.05 61.37 -1.01	616.09 56.07 -5.12	209.03 18.11 -1.46	138.96 10.11 -0.84	99.61 6.13 0.00	91.44 3.42 0.00
ASTORIA_GT2_4 24097	65.02 2.14 -0.01	54.76 2.32 0.00	49.21 2.64 0.00	39.16 2.29 0.00	42.34 2.20 0.00	39.07 1.93 -0.30	53.03 2.23 0.00	46.01 2.40 0.00	49.02 2.47 0.00	51.35 2.50 -0.92	63.55 2.87 0.00	70.49 4.09 0.00	71.31 5.57 0.00	89.60 8.28 0.00	96.57 9.09 0.00	125.29 12.43 -0.13	393.05 38.85 -2.37	798.05 82.06 -5.75	632.05 61.37 -1.01	616.09 56.07 -5.12	209.03 18.11 -1.46	138.96 10.11 -0.84	99.61 6.13 0.00	91.44 3.42 0.00
ASTORIA_GT3_1 24098	65.02 2.14 -0.01	54.76 2.32 0.00	49.21 2.64 0.00	39.16 2.29 0.00	42.34 2.20 0.00	39.07 1.93 -0.30	53.03 2.23 0.00	46.01 2.40 0.00	49.02 2.47 0.00	51.35 2.50 -0.92	63.55 2.87 0.00	70.49 4.09 0.00	71.31 5.57 0.00	89.60 8.28 0.00	96.57 9.09 0.00	125.29 12.43 -0.13	393.05 38.85 -2.37	798.05 82.06 -5.75	632.05 61.37 -1.01	616.09 56.07 -5.12	209.03 18.11 -1.46	138.96 10.11 -0.84	99.61 6.13 0.00	91.44 3.42 0.00
ASTORIA_GT3_2 24099	65.02 2.14 -0.01	54.76 2.32 0.00	49.21 2.64 0.00	39.16 2.29 0.00	42.34 2.20 0.00	39.07 1.93 -0.30	53.03 2.23 0.00	46.01 2.40 0.00	49.02 2.47 0.00	51.35 2.50 -0.92	63.55 2.87 0.00	70.49 4.09 0.00	71.31 5.57 0.00	89.60 8.28 0.00	96.57 9.09 0.00	125.29 12.43 -0.13	393.05 38.85 -2.37	798.05 82.06 -5.75	632.05 61.37 -1.01	616.09 56.07 -5.12	209.03 18.11 -1.46	138.96 10.11 -0.84	99.61 6.13 0.00	91.44 3.42 0.00
ASTORIA_GT3_3 24100	65.02 2.14 -0.01	54.76 2.32 0.00	49.21 2.64 0.00	39.16 2.29 0.00	42.34 2.20 0.00	39.07 1.93 -0.30	53.03 2.23 0.00	46.01 2.40 0.00	49.02 2.47 0.00	51.35 2.50 -0.92	63.55 2.87 0.00	70.49 4.09 0.00	71.31 5.57 0.00	89.60 8.28 0.00	96.57 9.09 0.00	125.29 12.43 -0.13	393.05 38.85 -2.37	798.05 82.06 -5.75	632.05 61.37 -1.01	616.09 56.07 -5.12	209.03 18.11 -1.46	138.96 10.11 -0.84	99.61 6.13 0.00	91.44 3.42 0.00
ASTORIA_GT3_4 24101	65.02 2.14 -0.01	54.76 2.32 0.00	49.21 2.64 0.00	39.16 2.29 0.00	42.34 2.20 0.00	39.07 1.93 -0.30	53.03 2.23 0.00	46.01 2.40 0.00	49.02 2.47 0.00	51.35 2.50 -0.92	63.55 2.87 0.00	70.49 4.09 0.00	71.31 5.57 0.00	89.60 8.28 0.00	96.57 9.09 0.00	125.29 12.43 -0.13	393.05 38.85 -2.37	798.05 82.06 -5.75	632.05 61.37 -1.01	616.09 56.07 -5.12	209.03 18.11 -1.46	138.96 10.11 -0.84	99.61 6.13 0.00	91.44 3.42 0.00
ASTORIA_GT4_1 24102	65.02 2.14 -0.01	54.76 2.32 0.00	49.21 2.64 0.00	39.16 2.29 0.00	42.34 2.20 0.00	39.07 1.93 -0.30	53.03 2.23 0.00	46.01 2.40 0.00	49.02 2.47 0.00	51.35 2.50 -0.92	63.55 2.87 0.00	70.49 4.09 0.00	71.31 5.57 0.00	89.60 8.28 0.00	96.57 9.09 0.00	125.29 12.43 -0.13	393.05 38.85 -2.37	798.05 82.06 -5.75	632.05 61.37 -1.01	616.09 56.07 -5.12	209.03 18.11 -1.46	138.96 10.11 -0.84	99.61 6.13 0.00	91.44 3.42 0.00
ASTORIA_GT4_2 24103	65.02 2.14 -0.01	54.76 2.32 0.00	49.21 2.64 0.00	39.16 2.29 0.00	42.34 2.20 0.00	39.07 1.93 -0.30	53.03 2.23 0.00	46.01 2.40 0.00	49.02 2.47 0.00	51.35 2.50 -0.92	63.55 2.87 0.00	70.49 4.09 0.00	71.31 5.57 0.00	89.60 8.28 0.00	96.57 9.09 0.00	125.29 12.43 -0.13	393.05 38.85 -2.37	798.05 82.06 -5.75	632.05 61.37 -1.01	616.09 56.07 -5.12	209.03 18.11 -1.46	138.96 10.11 -0.84	99.61 6.13 0.00	91.44 3.42 0.00
ASTORIA_GT4_3 24104	65.02 2.14 -0.01	54.76 2.32 0.00	49.21 2.64 0.00	39.16 2.29 0.00	42.34 2.20 0.00	39.07 1.93 -0.30	53.03 2.23 0.00	46.01 2.40 0.00	49.02 2.47 0.00	51.35 2.50 -0.92	63.55 2.87 0.00	70.49 4.09 0.00	71.31 5.57 0.00	89.60 8.28 0.00	96.57 9.09 0.00	125.29 12.43 -0.13	393.05 38.85 -2.37	798.05 82.06 -5.75	632.05 61.37 -1.01	616.09 56.07 -5.12	209.03 18.11 -1.46	138.96 10.11 -0.84	99.61 6.13 0.00	91.44 3.42 0.00

ASTORIA_GT4_4 24105	65.02 2.14 -0.01	54.76 2.32 0.00	49.21 2.64 0.00	39.16 2.29 0.00	42.34 2.20 0.00	39.07 1.93 -0.30	53.03 2.23 0.00	46.01 2.40 0.00	49.02 2.47 0.00	51.35 2.50 -0.92	63.55 2.87 0.00	70.49 4.09 0.00	71.31 5.57 0.00	89.60 8.28 0.00	96.57 9.09 0.00	125.29 12.43 -0.13	393.05 38.85 -2.37	798.05 82.06 -5.75	632.05 61.37 -1.01	616.09 56.07 -5.12	209.03 18.11 -1.46	138.96 10.11 -0.84	99.61 6.13 0.00	91.44 3.42 0.00
ASTORIA_GT_1 23523	65.19 2.31 -0.01	54.89 2.45 0.00	49.32 2.75 0.00	39.25 2.38 0.00	42.43 2.28 0.00	39.16 2.01 -0.30	53.15 2.35 0.00	46.12 2.51 0.00	49.15 2.61 0.00	51.50 2.65 -0.92	63.74 3.07 0.00	70.72 4.33 0.00	71.55 5.81 0.00	89.91 8.59 0.00	96.88 9.40 0.00	125.73 12.87 -0.13	394.33 40.13 -2.37	800.63 84.64 -5.75	634.24 63.55 -1.01	618.17 58.15 -5.12	209.75 18.83 -1.46	139.42 10.57 -0.84	99.93 6.46 0.00	91.72 3.70 0.00
ASTORIA_GT_10 24110	60.96 1.91 3.82	54.62 2.19 0.00	49.19 2.62 0.00	39.11 2.24 0.00	42.32 2.18 0.00	39.07 1.93 -0.30	53.14 2.35 0.00	46.13 2.52 0.00	49.25 2.70 0.00	51.23 2.87 -0.43	63.90 3.23 0.00	70.75 4.36 0.00	71.59 5.85 0.00	89.99 8.67 0.00	96.98 9.50 0.00	126.54 12.88 -0.94	395.83 40.73 -3.28	801.29 83.43 -7.63	632.76 63.08 0.00	612.59 57.69 0.00	207.97 18.51 0.00	138.45 10.44 0.00	99.70 6.23 0.00	91.50 3.48 0.00
ASTORIA_GT_11 24225	60.96 1.91 3.82	54.62 2.19 0.00	49.19 2.62 0.00	39.11 2.24 0.00	42.32 2.18 0.00	39.07 1.93 -0.30	53.14 2.35 0.00	46.13 2.52 0.00	49.25 2.70 0.00	51.23 2.87 -0.43	63.90 3.23 0.00	70.75 4.36 0.00	71.59 5.85 0.00	89.99 8.67 0.00	96.98 9.50 0.00	126.54 12.88 -0.94	395.83 40.73 -3.28	801.29 83.43 -7.63	632.76 63.08 0.00	612.59 57.69 0.00	207.97 18.51 0.00	138.45 10.44 0.00	99.70 6.23 0.00	91.50 3.48 0.00
ASTORIA_GT_12 24226	60.96 1.91 3.82	54.62 2.19 0.00	49.19 2.62 0.00	39.11 2.24 0.00	42.32 2.18 0.00	39.07 1.93 -0.30	53.14 2.35 0.00	46.13 2.52 0.00	49.25 2.70 0.00	51.23 2.87 -0.43	63.90 3.23 0.00	70.75 4.36 0.00	71.59 5.85 0.00	89.99 8.67 0.00	96.98 9.50 0.00	126.54 12.88 -0.94	395.83 40.73 -3.28	801.29 83.43 -7.63	632.76 63.08 0.00	612.59 57.69 0.00	207.97 18.51 0.00	138.45 10.44 0.00	99.70 6.23 0.00	91.50 3.48 0.00
ASTORIA_GT_13 24227	60.96 1.91 3.82	54.62 2.19 0.00	49.19 2.62 0.00	39.11 2.24 0.00	42.32 2.18 0.00	39.07 1.93 -0.30	53.14 2.35 0.00	46.13 2.52 0.00	49.25 2.70 0.00	51.23 2.87 -0.43	63.90 3.23 0.00	70.75 4.36 0.00	71.59 5.85 0.00	89.99 8.67 0.00	96.98 9.50 0.00	126.54 12.88 -0.94	395.83 40.73 -3.28	801.29 83.43 -7.63	632.76 63.08 0.00	612.59 57.69 0.00	207.97 18.51 0.00	138.45 10.44 0.00	99.70 6.23 0.00	91.50 3.48 0.00
ASTORIA_GT_5 24106	65.19 2.31 -0.01	54.89 2.45 0.00	49.32 2.75 0.00	39.25 2.38 0.00	42.43 2.28 0.00	39.16 2.01 -0.30	53.15 2.35 0.00	46.12 2.51 0.00	49.15 2.61 0.00	51.50 2.65 -0.92	63.74 3.07 0.00	70.72 4.33 0.00	71.55 5.81 0.00	89.91 8.59 0.00	96.88 9.40 0.00	125.73 12.87 -0.13	394.33 40.13 -2.37	800.63 84.64 -5.75	634.24 63.55 -1.01	618.17 58.15 -5.12	209.75 18.83 -1.46	139.42 10.57 -0.84	99.93 6.46 0.00	91.72 3.70 0.00
ASTORIA_GT_7 24107	65.19 2.31 -0.01	54.89 2.45 0.00	49.32 2.75 0.00	39.25 2.38 0.00	42.43 2.28 0.00	39.16 2.01 -0.30	53.15 2.35 0.00	46.12 2.51 0.00	49.15 2.61 0.00	51.50 2.65 -0.92	63.74 3.07 0.00	70.72 4.33 0.00	71.55 5.81 0.00	89.91 8.59 0.00	96.88 9.40 0.00	125.73 12.87 -0.13	394.33 40.13 -2.37	800.63 84.64 -5.75	634.24 63.55 -1.01	618.17 58.15 -5.12	209.75 18.83 -1.46	139.42 10.57 -0.84	99.93 6.46 0.00	91.72 3.70 0.00
ASTORIA_GT_8 24108	65.19 2.31 -0.01	54.89 2.45 0.00	49.32 2.75 0.00	39.25 2.38 0.00	42.43 2.28 0.00	39.16 2.01 -0.30	53.15 2.35 0.00	46.12 2.51 0.00	49.15 2.61 0.00	51.50 2.65 -0.92	63.74 3.07 0.00	70.72 4.33 0.00	71.55 5.81 0.00	89.91 8.59 0.00	96.88 9.40 0.00	125.73 12.87 -0.13	394.33 40.13 -2.37	800.63 84.64 -5.75	634.24 63.55 -1.01	618.17 58.15 -5.12	209.75 18.83 -1.46	139.42 10.57 -0.84	99.93 6.46 0.00	91.72 3.70 0.00
ASTORIA___2 24149	64.96 2.08 -0.01	54.76 2.32 0.00	49.21 2.64 0.00	39.16 2.29 0.00	42.33 2.19 0.00	39.07 1.93 -0.30	53.02 2.22 0.00	46.01 2.41 0.00	49.02 2.48 0.00	51.35 2.50 -0.91	63.54 2.87 0.00	70.49 4.09 0.00	71.30 5.57 0.00	89.60 8.28 0.00	96.56 9.08 0.00	125.28 12.42 -0.13	393.26 39.05 -2.37	798.25 82.26 -5.75	632.67 61.99 -1.01	617.43 57.40 -5.12	209.24 18.32 -1.46	139.07 10.22 -0.84	99.61 6.13 0.00	91.41 3.39 0.00
ASTORIA___3 23516	60.91 1.87 3.82	54.76 2.32 0.00	49.21 2.64 0.00	39.16 2.29 0.00	42.33 2.19 0.00	39.07 1.93 -0.30	53.02 2.22 0.00	46.01 2.41 0.00	49.02 2.48 0.00	51.35 2.50 -0.91	63.54 2.87 0.00	70.49 4.09 0.00	71.30 5.57 0.00	89.60 8.28 0.00	96.56 9.08 0.00	125.28 12.42 -0.13	393.25 39.04 -2.37	798.25 82.26 -5.75	632.67 61.99 -1.01	617.43 57.40 -5.12	209.24 18.32 -1.46	139.06 10.21 -0.84	99.61 6.13 0.00	91.41 3.39 0.00
ASTORIA___4 23517	60.96 1.91 3.82	54.76 2.32 0.00	49.21 2.64 0.00	39.16 2.29 0.00	42.34 2.20 0.00	39.07 1.93 -0.30	53.03 2.23 0.00	46.01 2.40 0.00	49.02 2.47 0.00	51.35 2.50 -0.92	63.55 2.87 0.00	70.49 4.09 0.00	71.31 5.57 0.00	89.60 8.28 0.00	96.57 9.09 0.00	125.29 12.43 -0.13	393.05 38.85 -2.37	798.05 82.06 -5.75	632.05 61.37 -1.01	616.09 56.07 -5.12	209.03 18.11 -1.46	138.95 10.10 -0.84	99.61 6.13 0.00	91.44 3.42 0.00
ASTORIA___5 23518	60.91 1.87 3.82	54.63 2.19 0.00	49.19 2.62 0.00	39.11 2.24 0.00	42.32 2.17 0.00	39.07 1.93 -0.30	53.15 2.34 0.00	46.13 2.52 0.00	49.24 2.70 0.00	51.22 2.86 -0.43	63.90 3.23 0.00	70.76 4.36 0.00	71.59 5.85 0.00	89.97 8.65 0.00	97.00 9.52 0.00	126.55 12.89 -0.94	395.92 40.82 -3.28	801.46 83.60 -7.63	632.89 63.22 0.00	612.91 58.01 0.00	208.08 18.62 0.00	138.44 10.43 0.00	99.70 6.22 0.00	91.48 3.47 0.00
AST_ENERGY_2_CC3 323677	65.28 2.42 0.00	54.61 2.17 0.00	49.16 2.59 0.00	38.98 2.12 0.00	42.27 2.13 0.00	39.02 1.87 -0.30	53.14 2.33 0.00	46.02 2.41 0.00	49.11 2.56 0.00	51.20 2.83 -0.43	64.12 3.44 0.00	70.83 4.43 0.00	71.56 5.83 0.00	89.84 8.52 0.00	96.88 9.40 0.00	125.38 12.65 0.00	395.36 41.19 -2.33	800.24 84.26 -5.74	634.50 64.82 0.00	613.76 58.85 0.00	208.39 18.93 0.00	139.05 11.04 0.00	100.09 6.62 0.00	91.91 3.88 0.00
AST_ENERGY_2_CC4 323678	65.28 2.42 0.00	54.61 2.17 0.00	49.16 2.59 0.00	38.98 2.12 0.00	42.27 2.13 0.00	39.02 1.87 -0.30	53.14 2.33 0.00	46.02 2.41 0.00	49.11 2.56 0.00	51.20 2.83 -0.43	64.12 3.44 0.00	70.83 4.43 0.00	71.56 5.83 0.00	89.84 8.52 0.00	96.88 9.40 0.00	125.38 12.65 0.00	395.36 41.19 -2.33	800.24 84.26 -5.74	634.50 64.82 0.00	613.76 58.85 0.00	208.39 18.93 0.00	139.05 11.04 0.00	100.09 6.62 0.00	91.91 3.88 0.00

ATHENS_STG_1 23668	63.51 0.64 0.00	53.22 0.78 0.00	47.71 1.14 0.00	37.74 0.88 0.00	41.02 0.87 0.00	37.67 0.71 -0.12	51.71 0.91 0.00	44.31 0.70 0.00	47.11 0.56 0.00	48.74 0.63 -0.18	61.63 0.96 0.00	67.94 1.54 0.00	68.02 2.28 0.00	85.09 3.77 0.00	91.67 4.19 0.00	118.18 5.45 0.00	369.67 17.99 0.16	747.44 37.60 0.39	599.14 29.46 0.00	581.73 26.83 0.00	197.95 8.48 0.00	133.03 5.02 0.00	96.45 2.97 0.00	89.51 1.49 0.00
ATHENS_STG_2 23670	63.51 0.64 0.00	53.22 0.78 0.00	47.71 1.14 0.00	37.74 0.88 0.00	41.02 0.87 0.00	37.67 0.71 -0.12	51.71 0.91 0.00	44.31 0.70 0.00	47.11 0.56 0.00	48.74 0.63 -0.18	61.63 0.96 0.00	67.94 1.54 0.00	68.02 2.28 0.00	85.09 3.77 0.00	91.67 4.19 0.00	118.18 5.45 0.00	369.67 17.99 0.16	747.44 37.60 0.39	599.14 29.46 0.00	581.73 26.83 0.00	197.95 8.48 0.00	133.03 5.02 0.00	96.45 2.97 0.00	89.51 1.49 0.00
ATHENS_STG_3 23677	63.51 0.64 0.00	53.22 0.78 0.00	47.71 1.14 0.00	37.74 0.88 0.00	41.02 0.87 0.00	37.67 0.71 -0.12	51.71 0.91 0.00	44.31 0.70 0.00	47.11 0.56 0.00	48.74 0.63 -0.18	61.63 0.96 0.00	67.94 1.54 0.00	68.02 2.28 0.00	85.09 3.77 0.00	91.67 4.19 0.00	118.18 5.45 0.00	369.67 17.99 0.16	747.44 37.60 0.39	599.14 29.46 0.00	581.73 26.83 0.00	197.95 8.48 0.00	133.03 5.02 0.00	96.45 2.97 0.00	89.51 1.49 0.00
AUBURN____LFGE 323710	64.43 1.56 0.00	53.45 1.02 0.00	47.25 0.67 0.00	37.35 0.48 0.00	40.69 0.55 0.00	37.41 0.57 0.00	51.42 0.62 0.00	44.32 0.71 0.00	47.38 0.84 0.00	48.78 0.85 0.00	61.76 1.09 0.00	67.70 1.31 0.00	67.96 2.22 0.00	77.92 2.70 6.10	90.05 2.56 0.00	115.97 3.25 0.00	361.36 9.53 0.00	726.15 15.92 0.00	583.26 13.58 0.00	572.78 17.88 0.00	196.77 7.30 0.00	132.93 4.92 0.00	96.15 2.68 0.00	90.31 2.29 0.00
BABYLON_RES_REC 323704	63.11 1.60 1.36	54.43 2.00 0.00	49.27 2.70 0.00	38.78 1.92 0.00	42.02 1.88 0.00	38.72 1.57 -0.30	52.48 1.68 0.00	45.40 1.80 0.00	46.94 1.42 1.03	42.72 1.83 7.04	63.55 2.87 0.00	70.02 3.66 0.04	74.64 5.47 -3.43	96.63 8.17 -7.14	106.34 9.60 -9.26	144.88 12.66 -19.50	397.15 38.80 -6.53	799.08 83.05 -5.79	628.31 61.58 2.94	588.46 50.76 17.21	196.36 16.34 9.44	135.04 8.85 1.82	103.19 4.96 -4.76	90.12 2.57 0.48
BALL_HILL_WT_PWR 323825	66.43 3.56 0.00	54.33 1.89 0.00	47.22 0.65 0.00	37.07 0.20 0.00	40.42 0.28 0.00	37.22 0.37 0.00	51.37 0.56 0.00	44.31 0.71 0.00	48.41 1.87 0.00	50.29 2.36 0.00	63.94 3.26 0.00	70.68 4.28 0.00	71.40 5.66 0.00	87.70 6.37 0.00	93.27 5.79 0.00	120.19 7.46 0.00	373.53 21.70 0.00	755.47 45.24 0.00	600.14 30.46 0.00	588.39 33.49 0.00	202.82 13.36 0.00	136.09 8.08 0.00	98.55 5.08 0.00	93.07 5.05 0.00
BARON_WINDS____WT_PWR 323822	64.37 1.50 0.00	53.02 0.58 0.00	46.66 0.09 0.00	36.91 0.04 0.00	40.42 0.28 0.00	37.21 0.36 0.00	51.36 0.56 0.00	44.04 0.44 0.00	47.49 0.95 0.00	48.99 1.06 0.00	61.92 1.25 0.00	68.44 2.05 0.00	69.09 3.36 0.00	85.61 4.29 0.00	91.25 3.77 0.00	117.78 5.05 0.00	367.02 15.19 0.00	739.42 29.18 0.00	591.89 22.21 0.00	583.43 28.53 0.00	201.24 11.78 0.00	135.05 7.04 0.00	97.67 4.20 0.00	91.62 3.60 0.00
BARRETT_IC_1 23704	102.39 2.22 -37.29	54.79 2.34 -0.01	49.46 2.89 0.00	38.99 2.12 0.00	42.26 2.12 0.00	38.93 1.79 -0.30	52.78 1.98 0.00	45.61 2.00 0.00	48.27 1.77 0.05	53.76 2.10 -3.72	76.87 3.31 -12.89	115.10 4.02 -44.68	130.80 5.68 -59.38	160.79 8.30 -71.17	191.64 9.52 -94.64	218.47 12.43 -93.31	430.70 38.56 -40.30	798.22 82.19 -5.79	603.63 60.63 26.68	523.23 51.40 83.07	189.02 16.64 17.09	140.83 9.21 -3.61	98.98 5.50 0.00	100.07 3.13 -8.92
BARRETT_IC_10 23701	102.39 2.22 -37.29	54.79 2.34 -0.01	49.46 2.89 0.00	38.99 2.12 0.00	42.26 2.12 0.00	38.93 1.79 -0.30	52.78 1.98 0.00	45.61 2.00 0.00	48.27 1.77 0.05	20.20 2.10 29.83	67.08 3.31 -3.11	81.16 4.02 -10.75	88.30 5.68 -16.88	110.08 8.30 -20.46	126.30 9.52 -29.30	150.80 12.43 -25.64	402.03 38.56 -11.64	798.22 82.19 -5.79	534.44 60.63 95.87	171.32 51.40 434.98	86.02 16.64 120.08	82.82 9.21 54.39	98.98 5.50 0.00	100.07 3.13 -8.92
BARRETT_IC_11 23702	102.39 2.22 -37.29	54.79 2.34 -0.01	49.46 2.89 0.00	38.99 2.12 0.00	42.26 2.12 0.00	38.93 1.79 -0.30	52.78 1.98 0.00	45.61 2.00 0.00	48.27 1.77 0.05	20.20 2.10 29.83	67.08 3.31 -3.11	81.16 4.02 -10.75	88.30 5.68 -16.88	110.08 8.30 -20.46	126.30 9.52 -29.30	150.80 12.43 -25.64	402.03 38.56 -11.64	798.22 82.19 -5.79	534.44 60.63 95.87	171.32 51.40 434.98	86.02 16.64 120.08	82.82 9.21 54.39	98.98 5.50 0.00	100.07 3.13 -8.92
BARRETT_IC_12 23703	102.39 2.22 -37.29	54.79 2.34 -0.01	49.46 2.89 0.00	38.99 2.12 0.00	42.26 2.12 0.00	38.93 1.79 -0.30	52.78 1.98 0.00	45.61 2.00 0.00	48.27 1.77 0.05	20.20 2.10 29.83	67.08 3.31 -3.11	81.16 4.02 -10.75	88.30 5.68 -16.88	110.08 8.30 -20.46	126.30 9.52 -29.30	150.80 12.43 -25.64	402.03 38.56 -11.64	798.22 82.19 -5.79	534.44 60.63 95.87	171.32 51.40 434.98	86.02 16.64 120.08	82.82 9.21 54.39	98.98 5.50 0.00	100.07 3.13 -8.92
BARRETT_IC_2 23705	102.39 2.22 -37.29	54.79 2.34 -0.01	49.46 2.89 0.00	38.99 2.12 0.00	42.26 2.12 0.00	38.93 1.79 -0.30	52.78 1.98 0.00	45.61 2.00 0.00	48.27 1.77 0.05	53.76 2.10 -3.72	76.87 3.31 -12.89	115.10 4.02 -44.68	130.80 5.68 -59.38	160.79 8.30 -71.17	191.64 9.52 -94.64	218.47 12.43 -93.31	430.70 38.56 -40.30	798.22 82.19 -5.79	603.63 60.63 26.68	523.23 51.40 83.07	189.02 16.64 17.09	140.83 9.21 -3.61	98.98 5.50 0.00	100.07 3.13 -8.92
BARRETT_IC_3 23706	102.39 2.22 -37.29	54.79 2.34 -0.01	49.46 2.89 0.00	38.99 2.12 0.00	42.26 2.12 0.00	38.93 1.79 -0.30	52.78 1.98 0.00	45.61 2.00 0.00	48.27 1.77 0.05	53.76 2.10 -3.72	76.87 3.31 -12.89	115.10 4.02 -44.68	130.80 5.68 -59.38	160.79 8.30 -71.17	191.64 9.52 -94.64	218.47 12.43 -93.31	430.70 38.56 -40.30	798.22 82.19 -5.79	603.63 60.63 26.68	523.23 51.40 83.07	189.02 16.64 17.09	140.83 9.21 -3.61	98.98 5.50 0.00	100.07 3.13 -8.92
BARRETT_IC_4 23707	102.39 2.22 -37.29	54.79 2.34 -0.01	49.46 2.89 0.00	38.99 2.12 0.00	42.26 2.12 0.00	38.93 1.79 -0.30	52.78 1.98 0.00	45.61 2.00 0.00	48.27 1.77 0.05	53.76 2.10 -3.72	76.87 3.31 -12.89	115.10 4.02 -44.68	130.80 5.68 -59.38	160.79 8.30 -71.17	191.64 9.52 -94.64	218.47 12.43 -93.31	430.70 38.56 -40.30	798.22 82.19 -5.79	603.63 60.63 26.68	523.23 51.40 83.07	189.02 16.64 17.09	140.83 9.21 -3.61	98.98 5.50 0.00	100.07 3.13 -8.92
BARRETT_IC_5 23708	102.39 2.22 -37.29	54.79 2.34 -0.01	49.46 2.89 0.00	38.99 2.12 0.00	42.26 2.12 0.00	38.93 1.79 -0.30	52.78 1.98 0.00	45.61 2.00 0.00	48.27 1.77 0.05	53.76 2.10 -3.72	76.87 3.31 -12.89	115.10 4.02 -44.68	130.80 5.68 -59.38	160.79 8.30 -71.17	191.64 9.52 -94.64	218.47 12.43 -93.31	430.70 38.56 -40.30	798.22 82.19 -5.79	603.63 60.63 26.68	523.23 51.40 83.07	189.02 16.64 17.09	140.83 9.21 -3.61	98.98 5.50 0.00	100.07 3.13 -8.92

BARRETT_IC_6 23709	102.39 2.22 -37.29	54.79 2.34 -0.01	49.46 2.89 0.00	38.99 2.12 0.00	42.26 2.12 0.00	38.93 1.79 -0.30	52.78 1.98 0.00	45.61 2.00 0.00	48.27 1.77 0.05	53.76 2.10 -3.72	76.87 3.31 -12.89	115.10 4.02 -44.68	130.80 5.68 -59.38	160.79 8.30 -71.17	191.64 9.52 -94.64	218.47 12.43 -93.31	430.70 38.56 -40.30	798.22 82.19 -5.79	603.63 60.63 26.68	523.23 51.40 83.07	189.02 16.64 17.09	140.83 9.21 -3.61	98.98 5.50 0.00	100.07 3.13 -8.92
BARRETT_IC_7 23710	102.47 2.31 -37.29	54.79 2.34 -0.01	49.46 2.89 0.00	38.99 2.12 0.00	42.26 2.12 0.00	38.93 1.79 -0.30	52.79 1.99 0.00	45.60 1.99 0.00	48.26 1.77 0.05	53.82 2.17 -3.72	76.91 3.35 -12.89	115.12 4.04 -44.68	130.79 5.68 -59.38	160.92 8.43 -71.17	191.65 9.53 -94.64	218.47 12.44 -93.31	430.74 38.61 -40.30	798.47 82.44 -5.79	604.34 61.34 26.68	523.38 51.54 83.07	189.08 16.70 17.09	141.13 9.51 -3.61	98.98 5.50 0.00	100.07 3.13 -8.91
BARRETT_IC_8 23711	102.39 2.22 -37.29	54.79 2.34 -0.01	49.46 2.89 0.00	38.99 2.12 0.00	42.26 2.12 0.00	38.93 1.79 -0.30	52.78 1.98 0.00	45.61 2.00 0.00	48.27 1.77 0.05	53.76 2.10 -3.72	76.87 3.31 -12.89	115.10 4.02 -44.68	130.80 5.68 -59.38	160.79 8.30 -71.17	191.64 9.52 -94.64	218.47 12.43 -93.31	430.70 38.56 -40.30	798.22 82.19 -5.79	603.63 60.63 26.68	523.23 51.40 83.07	189.02 16.64 17.09	140.83 9.21 -3.61	98.98 5.50 0.00	100.07 3.13 -8.92
BARRETT_IC_9 23700	102.39 2.22 -37.29	54.79 2.34 -0.01	49.46 2.89 0.00	38.99 2.12 0.00	42.26 2.12 0.00	38.93 1.79 -0.30	52.78 1.98 0.00	45.61 2.00 0.00	48.27 1.77 0.05	20.20 2.10 29.83	67.08 3.31 -3.11	81.16 4.02 -10.75	88.30 5.68 -16.88	110.08 8.30 -20.46	126.30 9.52 -29.30	150.80 12.43 -25.64	402.03 38.56 -11.64	798.22 82.19 -5.79	534.44 60.63 95.87	171.32 51.40 434.98	86.02 16.64 120.08	82.82 9.21 54.39	98.98 5.50 0.00	100.07 3.13 -8.92
BARRETT___1 23545	102.39 2.22 -37.29	54.79 2.34 -0.01	49.46 2.89 0.00	38.99 2.12 0.00	42.26 2.12 0.00	38.93 1.79 -0.30	52.78 1.98 0.00	45.61 2.00 0.00	48.27 1.77 0.05	53.76 2.10 -3.72	76.87 3.31 -12.89	115.10 4.02 -44.68	130.80 5.68 -59.38	160.79 8.30 -71.17	191.64 9.52 -94.64	218.47 12.43 -93.31	430.70 38.56 -40.30	798.22 82.19 -5.79	603.63 60.63 26.68	523.23 51.40 83.07	189.02 16.64 17.09	140.83 9.21 -3.61	98.98 5.50 0.00	100.07 3.13 -8.92
BARRETT___2 23546	102.39 2.22 -37.29	54.79 2.34 -0.01	49.46 2.89 0.00	38.99 2.12 0.00	42.26 2.12 0.00	38.93 1.79 -0.30	52.78 1.98 0.00	45.61 2.00 0.00	48.27 1.77 0.05	20.20 2.10 29.83	67.08 3.31 -3.11	81.16 4.02 -10.75	88.30 5.68 -16.88	110.08 8.30 -20.46	126.30 9.52 -29.30	150.80 12.43 -25.64	402.03 38.56 -11.64	798.22 82.19 -5.79	534.44 60.63 95.87	171.32 51.40 434.98	86.02 16.64 120.08	82.82 9.21 54.39	98.98 5.50 0.00	100.07 3.13 -8.92
BATAVIA___115KV_TB1 55881	67.93 5.06 0.00	55.60 3.17 0.00	48.21 1.63 0.00	37.71 0.84 0.00	41.13 0.99 0.00	37.87 1.03 0.00	52.26 1.46 0.00	45.18 1.57 0.00	48.70 2.15 0.00	50.09 2.16 0.00	63.62 2.95 0.00	70.15 3.75 0.00	70.80 5.06 0.00	86.24 4.92 0.00	91.67 4.18 0.00	118.30 5.58 0.00	367.54 15.71 0.00	746.05 35.82 0.00	596.42 26.74 0.00	588.68 33.77 0.00	203.23 13.76 0.00	136.31 8.30 0.00	98.63 5.16 0.00	93.39 5.37 0.00
BAYONEEC___CTG1 323682	65.30 2.43 0.00	54.64 2.20 0.00	49.23 2.66 0.00	39.04 2.18 0.00	42.34 2.20 0.00	39.07 1.93 -0.30	53.20 2.40 0.00	46.06 2.45 0.00	49.17 2.62 0.00	51.29 2.93 -0.43	64.21 3.53 0.00	70.92 4.52 0.00	71.66 5.92 0.00	89.96 8.64 0.00	97.02 9.53 0.00	124.94 12.82 0.60	395.12 41.56 -1.73	799.75 84.97 -4.54	635.07 65.39 0.00	614.35 59.44 0.00	208.71 19.24 0.00	139.21 11.20 0.00	100.21 6.73 0.00	92.03 4.01 0.00
BAYONEEC___CTG10 323750	65.30 2.43 0.00	54.64 2.20 0.00	49.23 2.66 0.00	39.04 2.18 0.00	42.34 2.20 0.00	39.07 1.93 -0.30	53.20 2.40 0.00	46.06 2.45 0.00	49.17 2.62 0.00	51.29 2.93 -0.43	64.21 3.53 0.00	70.92 4.52 0.00	71.66 5.92 0.00	89.96 8.64 0.00	97.02 9.53 0.00	124.94 12.82 0.60	395.12 41.56 -1.73	799.75 84.97 -4.54	635.07 65.39 0.00	614.35 59.44 0.00	208.71 19.24 0.00	139.21 11.20 0.00	100.21 6.73 0.00	92.03 4.01 0.00
BAYONEEC___CTG2 323683	65.30 2.43 0.00	54.64 2.20 0.00	49.23 2.66 0.00	39.04 2.18 0.00	42.34 2.20 0.00	39.07 1.93 -0.30	53.20 2.40 0.00	46.06 2.45 0.00	49.17 2.62 0.00	51.29 2.93 -0.43	64.21 3.53 0.00	70.92 4.52 0.00	71.66 5.92 0.00	89.96 8.64 0.00	97.02 9.53 0.00	124.94 12.82 0.60	395.12 41.56 -1.73	799.75 84.97 -4.54	635.07 65.39 0.00	614.35 59.44 0.00	208.71 19.24 0.00	139.21 11.20 0.00	100.21 6.73 0.00	92.03 4.01 0.00
BAYONEEC___CTG3 323684	65.30 2.43 0.00	54.64 2.20 0.00	49.23 2.66 0.00	39.04 2.18 0.00	42.34 2.20 0.00	39.07 1.93 -0.30	53.20 2.40 0.00	46.06 2.45 0.00	49.17 2.62 0.00	51.29 2.93 -0.43	64.21 3.53 0.00	70.92 4.52 0.00	71.66 5.92 0.00	89.96 8.64 0.00	97.02 9.53 0.00	124.94 12.82 0.60	395.12 41.56 -1.73	799.75 84.97 -4.54	635.07 65.39 0.00	614.35 59.44 0.00	208.71 19.24 0.00	139.21 11.20 0.00	100.21 6.73 0.00	92.03 4.01 0.00
BAYONEEC___CTG4 323685	65.30 2.43 0.00	54.64 2.20 0.00	49.23 2.66 0.00	39.04 2.18 0.00	42.34 2.20 0.00	39.07 1.93 -0.30	53.20 2.40 0.00	46.06 2.45 0.00	49.17 2.62 0.00	51.29 2.93 -0.43	64.21 3.53 0.00	70.92 4.52 0.00	71.66 5.92 0.00	89.96 8.64 0.00	97.02 9.53 0.00	124.94 12.82 0.60	395.12 41.56 -1.73	799.75 84.97 -4.54	635.07 65.39 0.00	614.35 59.44 0.00	208.71 19.24 0.00	139.21 11.20 0.00	100.21 6.73 0.00	92.03 4.01 0.00
BAYONEEC___CTG5 323686	65.30 2.43 0.00	54.64 2.20 0.00	49.23 2.66 0.00	39.04 2.18 0.00	42.34 2.20 0.00	39.07 1.93 -0.30	53.20 2.40 0.00	46.06 2.45 0.00	49.17 2.62 0.00	51.29 2.93 -0.43	64.21 3.53 0.00	70.92 4.52 0.00	71.66 5.92 0.00	89.96 8.64 0.00	97.02 9.53 0.00	124.94 12.82 0.60	395.12 41.56 -1.73	799.75 84.97 -4.54	635.07 65.39 0.00	614.35 59.44 0.00	208.71 19.24 0.00	139.21 11.20 0.00	100.21 6.73 0.00	92.03 4.01 0.00
BAYONEEC___CTG6 323687	65.30 2.43 0.00	54.64 2.20 0.00	49.23 2.66 0.00	39.04 2.18 0.00	42.34 2.20 0.00	39.07 1.93 -0.30	53.20 2.40 0.00	46.06 2.45 0.00	49.17 2.62 0.00	51.29 2.93 -0.43	64.21 3.53 0.00	70.92 4.52 0.00	71.66 5.92 0.00	89.96 8.64 0.00	97.02 9.53 0.00	124.94 12.82 0.60	395.12 41.56 -1.73	799.75 84.97 -4.54	635.07 65.39 0.00	614.35 59.44 0.00	208.71 19.24 0.00	139.21 11.20 0.00	100.21 6.73 0.00	92.03 4.01 0.00
BAYONEEC___CTG7 323688	65.30 2.43 0.00	54.64 2.20 0.00	49.23 2.66 0.00	39.04 2.18 0.00	42.34 2.20 0.00	39.07 1.93 -0.30	53.20 2.40 0.00	46.06 2.45 0.00	49.17 2.62 0.00	51.29 2.93 -0.43	64.21 3.53 0.00	70.92 4.52 0.00	71.66 5.92 0.00	89.96 8.64 0.00	97.02 9.53 0.00	124.94 12.82 0.60	395.12 41.56 -1.73	799.75 84.97 -4.54	635.07 65.39 0.00	614.35 59.44 0.00	208.71 19.24 0.00	139.21 11.20 0.00	100.21 6.73 0.00	92.03 4.01 0.00

BAYONEEC___CTG8 323689	65.30 2.43 0.00	54.64 2.20 0.00	49.23 2.66 0.00	39.04 2.18 0.00	42.34 2.20 0.00	39.07 1.93 -0.30	53.20 2.40 0.00	46.06 2.45 0.00	49.17 2.62 0.00	51.29 2.93 -0.43	64.21 3.53 0.00	70.92 4.52 0.00	71.66 5.92 0.00	89.96 8.64 0.00	97.02 9.53 0.00	124.94 12.82 0.60	395.12 41.56 -1.73	799.75 84.97 -4.54	635.07 65.39 0.00	614.35 59.44 0.00	208.71 19.24 0.00	139.21 11.20 0.00	100.21 6.73 0.00	92.03 4.01 0.00
BAYONEEC___CTG9 323749	65.30 2.43 0.00	54.64 2.20 0.00	49.23 2.66 0.00	39.04 2.18 0.00	42.34 2.20 0.00	39.07 1.93 -0.30	53.20 2.40 0.00	46.06 2.45 0.00	49.17 2.62 0.00	51.29 2.93 -0.43	64.21 3.53 0.00	70.92 4.52 0.00	71.66 5.92 0.00	89.96 8.64 0.00	97.02 9.53 0.00	124.94 12.82 0.60	395.12 41.56 -1.73	799.75 84.97 -4.54	635.07 65.39 0.00	614.35 59.44 0.00	208.71 19.24 0.00	139.21 11.20 0.00	100.21 6.73 0.00	92.03 4.01 0.00
BEACON___LESR 323632	63.40 0.53 0.00	52.96 0.53 0.00	47.36 0.79 0.00	37.45 0.58 0.00	40.70 0.56 0.00	37.03 0.42 0.23	51.38 0.58 0.00	43.94 0.33 0.00	46.65 0.11 0.00	47.68 0.09 0.34	61.08 0.40 0.00	67.25 0.86 0.00	67.16 1.42 0.00	84.17 2.85 0.00	90.81 3.33 0.00	117.22 4.50 0.00	367.59 15.87 0.12	744.74 34.80 0.29	597.96 28.29 0.00	581.23 26.33 0.00	197.29 7.83 0.00	132.90 4.90 0.00	96.17 2.69 0.00	89.61 1.59 0.00
BEAVER RIVER___HYD 24048	63.23 0.36 0.00	52.80 0.36 0.00	47.20 0.63 0.00	37.57 0.71 0.00	41.40 1.26 0.00	38.15 1.31 0.00	52.96 2.16 0.00	45.40 1.79 0.00	48.22 1.68 0.00	49.50 1.57 0.00	62.28 1.61 0.00	67.65 1.25 0.00	65.92 0.18 0.00	-35.41 -0.83 115.90	86.89 -0.60 0.00	111.87 -0.86 0.00	349.52 -2.31 0.00	709.01 -1.23 0.00	578.51 8.83 0.00	565.39 10.48 0.00	195.11 5.65 0.00	133.13 5.12 0.00	98.98 5.51 0.00	92.96 4.94 0.00
BEEBEE_GT_13 23619	65.99 3.13 0.00	54.27 1.84 0.00	47.40 0.83 0.00	37.20 0.34 0.00	40.53 0.39 0.00	37.30 0.46 0.00	51.47 0.67 0.00	44.44 0.84 0.00	48.18 1.63 0.00	49.98 2.05 0.00	63.52 2.85 0.00	70.00 3.60 0.00	70.35 4.62 0.00	86.33 5.01 0.00	92.27 4.78 0.00	118.95 6.22 0.00	369.55 17.72 0.00	745.07 34.83 0.00	593.99 24.31 0.00	581.75 26.84 0.00	200.30 10.84 0.00	134.81 6.80 0.00	97.63 4.16 0.00	92.07 4.04 0.00
BENSHRST_27_KV_BENSHRST_1 355998	65.83 2.97 0.01	55.23 2.80 0.00	49.71 3.14 0.00	39.53 2.66 0.00	42.76 2.62 0.00	39.48 2.33 -0.30	53.65 2.85 0.00	46.65 3.04 0.00	49.84 3.30 0.00	51.93 3.57 -0.43	64.67 4.00 0.00	71.82 5.42 0.00	72.77 7.03 0.00	91.65 10.32 0.00	98.78 11.29 -0.01	130.65 15.13 -2.80	404.45 47.49 -5.13	817.46 95.88 -11.34	641.16 71.49 0.00	621.24 66.34 0.00	210.90 21.43 0.00	140.33 12.32 0.00	101.37 7.90 0.00	93.03 5.00 0.00
BETHLEHEM___GRP 23843	62.39 -0.48 0.00	52.16 -0.28 0.00	46.66 0.09 0.00	36.89 0.03 0.00	40.10 -0.04 0.00	36.49 -0.13 0.22	50.60 -0.20 0.00	43.29 -0.32 0.00	45.94 -0.61 0.00	46.98 -0.63 0.32	60.12 -0.55 0.00	66.18 -0.21 0.00	66.02 0.28 0.00	82.61 1.29 0.00	89.04 1.56 0.00	114.79 2.07 0.00	359.28 7.56 0.12	727.23 17.29 0.29	583.68 14.01 0.00	567.12 12.22 0.00	192.67 3.20 0.00	129.95 1.94 0.00	94.28 0.80 0.00	87.92 -0.10 0.00
BETHLEHEM___GS1 323560	62.38 -0.49 0.00	52.16 -0.28 0.00	46.66 0.09 0.00	36.89 0.03 0.00	40.10 -0.04 0.00	36.49 -0.13 0.22	50.60 -0.20 0.00	43.30 -0.31 0.00	45.94 -0.61 0.00	46.98 -0.64 0.32	60.13 -0.54 0.00	66.19 -0.20 0.00	66.02 0.28 0.00	82.60 1.28 0.00	89.04 1.56 0.00	114.79 2.06 0.00	359.27 7.56 0.12	727.22 17.27 0.29	583.63 13.95 0.00	567.03 12.12 0.00	192.67 3.20 0.00	129.94 1.93 0.00	94.28 0.80 0.00	87.92 -0.10 0.00
BETHLEHEM___GS2 323561	62.38 -0.49 0.00	52.16 -0.28 0.00	46.66 0.09 0.00	36.89 0.03 0.00	40.10 -0.04 0.00	36.49 -0.13 0.22	50.60 -0.20 0.00	43.30 -0.31 0.00	45.94 -0.61 0.00	46.98 -0.64 0.32	60.13 -0.54 0.00	66.19 -0.20 0.00	66.02 0.28 0.00	82.60 1.28 0.00	89.04 1.56 0.00	114.79 2.06 0.00	359.27 7.56 0.12	727.22 17.27 0.29	583.63 13.95 0.00	567.03 12.12 0.00	192.67 3.20 0.00	129.94 1.93 0.00	94.28 0.80 0.00	87.92 -0.10 0.00
BETHLEHEM___GS3 323562	62.38 -0.49 0.00	52.16 -0.28 0.00	46.66 0.09 0.00	36.89 0.03 0.00	40.10 -0.04 0.00	36.49 -0.13 0.22	50.60 -0.20 0.00	43.30 -0.31 0.00	45.94 -0.61 0.00	46.98 -0.64 0.32	60.13 -0.54 0.00	66.19 -0.20 0.00	66.02 0.28 0.00	82.60 1.28 0.00	89.04 1.56 0.00	114.79 2.06 0.00	359.27 7.56 0.12	727.22 17.27 0.29	583.63 13.95 0.00	567.03 12.12 0.00	192.67 3.20 0.00	129.94 1.93 0.00	94.28 0.80 0.00	87.92 -0.10 0.00
BETHLEHEM___STEEL 23779	66.44 3.57 0.00	54.36 1.92 0.00	47.17 0.59 0.00	36.96 0.09 0.00	40.31 0.16 0.00	37.11 0.26 0.00	51.20 0.40 0.00	44.23 0.62 0.00	48.33 1.79 0.00	50.26 2.33 0.00	63.96 3.28 0.00	70.61 4.21 0.00	71.33 5.59 0.00	87.14 5.82 0.00	92.75 5.27 0.00	119.41 6.69 0.00	371.25 19.42 0.00	752.30 42.07 0.00	597.69 28.01 0.00	586.23 31.32 0.00	202.13 12.67 0.00	135.52 7.51 0.00	98.34 4.87 0.00	93.19 5.17 0.00
BETHLHEM_115KV_TB1 79974	62.57 -0.30 0.00	52.32 -0.12 0.00	46.80 0.23 0.00	37.01 0.14 0.00	40.22 0.08 0.00	36.62 -0.02 0.21	50.77 -0.04 0.00	43.45 -0.16 0.00	46.11 -0.44 0.00	47.16 -0.47 0.30	60.31 -0.36 0.00	66.39 -0.01 0.00	66.23 0.49 0.00	82.86 1.54 0.00	89.28 1.80 0.00	115.11 2.39 0.00	360.30 8.59 0.12	729.01 19.07 0.29	585.01 15.33 0.00	568.56 13.65 0.00	193.18 3.72 0.00	130.29 2.28 0.00	94.53 1.05 0.00	88.11 0.09 0.00
BETHPAGE_CC_5 323564	64.67 1.95 0.16	54.63 2.19 0.00	49.39 2.82 0.00	38.91 2.04 0.00	42.16 2.02 0.00	38.86 1.71 -0.30	52.72 1.92 0.00	45.58 1.97 0.00	47.31 1.71 0.95	43.74 2.14 6.32	64.28 3.34 -0.27	71.48 4.17 -0.92	76.32 5.97 -4.61	97.41 8.79 -7.30	108.42 10.17 -10.77	147.41 13.52 -21.17	400.84 41.49 -7.51	804.38 88.35 -5.79	632.04 65.39 3.03	593.63 55.44 16.72	198.86 17.96 8.56	136.30 9.87 1.58	101.62 5.63 -2.51	90.80 2.95 0.18
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	66.52 3.65 0.00	54.43 1.99 0.00	47.23 0.66 0.00	37.03 0.16 0.00	40.38 0.24 0.00	37.18 0.34 0.00	51.31 0.51 0.00	44.35 0.74 0.00	48.47 1.92 0.00	50.40 2.48 0.00	64.15 3.48 0.00	70.87 4.47 0.00	71.60 5.86 0.00	87.55 6.22 0.00	93.22 5.74 0.00	120.02 7.29 0.00	373.15 21.32 0.00	756.39 46.16 0.00	601.06 31.39 0.00	589.14 34.24 0.00	203.07 13.61 0.00	136.04 8.03 0.00	98.70 5.22 0.00	93.41 5.39 0.00
BINGHAMTON___COGEN 23790	64.13 1.26 0.00	53.19 0.75 0.00	47.20 0.63 0.00	37.33 0.47 0.00	40.66 0.52 0.00	37.36 0.51 0.00	51.50 0.70 0.00	44.17 0.57 0.00	47.44 0.89 0.00	48.89 0.96 0.00	61.90 1.23 0.00	68.31 1.92 0.00	68.63 2.89 0.00	85.44 4.12 0.00	91.60 4.12 0.00	118.12 5.39 0.00	368.62 16.78 0.00	741.90 31.66 0.00	593.46 23.78 0.00	579.82 24.91 0.00	198.42 8.96 0.00	133.61 5.60 0.00	96.85 3.37 0.00	90.24 2.22 0.00

BIXINCNT_115KV_LOAD 355685	65.78 2.91 0.00	53.98 1.54 0.00	46.93 0.36 0.00	37.16 0.30 0.00	40.62 0.48 0.00	37.43 0.59 0.00	51.75 0.95 0.00	44.69 1.09 0.00	48.86 2.32 0.00	50.77 2.84 0.00	64.42 3.74 0.00	71.30 4.90 0.00	71.87 6.13 0.00	88.18 6.85 0.00	94.10 6.62 0.00	121.13 8.41 0.00	376.37 24.54 0.00	763.13 52.89 0.00	606.24 36.56 0.00	593.42 38.51 0.00	204.26 14.80 0.00	136.77 8.76 0.00	99.36 5.88 0.00	93.69 5.67 0.00
BLACK RIVER___HYD 24047	63.90 1.03 0.00	53.26 0.82 0.00	47.69 1.12 0.00	37.93 1.06 0.00	41.89 1.74 0.00	38.53 1.69 0.00	53.61 2.81 0.00	45.97 2.36 0.00	48.95 2.40 0.00	50.24 2.31 0.00	63.14 2.47 0.00	68.55 2.15 0.00	66.89 1.15 0.00	1.90 0.49 79.91	88.39 0.91 0.00	113.68 0.95 0.00	355.64 3.81 0.00	720.21 9.97 0.00	590.02 20.34 0.00	576.72 21.82 0.00	199.93 10.46 0.00	136.45 8.44 0.00	101.25 7.77 0.00	94.62 6.59 0.00
BLACKRVR_115KV_TB2 79977	63.91 1.04 0.00	53.25 0.82 0.00	47.69 1.12 0.00	37.93 1.06 0.00	41.88 1.74 0.00	38.53 1.69 0.00	53.61 2.81 0.00	45.97 2.36 0.00	48.95 2.40 0.00	50.24 2.31 0.00	63.14 2.47 0.00	68.55 2.15 0.00	66.89 1.15 0.00	1.89 0.48 79.91	88.39 0.91 0.00	113.68 0.96 0.00	355.62 3.79 0.00	720.20 9.97 0.00	589.97 20.29 0.00	576.58 21.68 0.00	199.93 10.46 0.00	136.45 8.44 0.00	101.24 7.76 0.00	94.62 6.59 0.00
BLDWN_LI_69_KV_BK4 356085	75.69 2.98 -9.83	55.28 2.84 0.00	49.86 3.29 0.00	39.28 2.42 0.00	42.56 2.42 0.00	39.22 2.08 -0.30	53.22 2.42 0.00	46.03 2.42 0.00	48.25 2.28 0.58	47.85 2.77 2.85	68.08 3.99 -3.41	82.95 4.73 -11.82	90.42 6.44 -18.24	113.02 9.51 -22.18	129.63 10.76 -31.38	166.38 14.21 -39.44	412.51 44.28 -16.40	810.02 94.00 -5.79	632.70 70.64 7.62	587.90 61.16 28.16	201.28 19.87 8.05	139.34 11.56 0.23	100.26 6.78 0.00	94.43 4.14 -2.27
BLISS_WT_PWR 323608	65.54 2.67 0.00	53.81 1.38 0.00	46.78 0.21 0.00	37.13 0.27 0.00	40.61 0.47 0.00	37.42 0.58 0.00	51.76 0.96 0.00	44.70 1.09 0.00	48.89 2.34 0.00	50.79 2.86 0.00	64.45 3.78 0.00	71.36 4.96 0.00	71.91 6.17 0.00	88.22 6.90 0.00	94.15 6.66 0.00	121.18 8.46 0.00	376.70 24.86 0.00	763.19 52.95 0.00	606.47 36.80 0.00	593.15 38.24 0.00	204.11 14.65 0.00	136.81 8.80 0.00	99.35 5.87 0.00	93.70 5.68 0.00
BLUESTONE___WT_PWR 323821	67.10 4.23 0.00	55.65 3.21 0.00	49.37 2.80 0.00	38.99 2.13 0.00	42.45 2.31 0.00	39.14 2.29 0.00	53.66 2.86 0.00	46.21 2.61 0.00	49.28 2.74 0.00	50.97 3.04 0.00	64.52 3.85 0.00	71.06 4.67 0.00	71.14 5.41 0.00	88.60 7.28 0.00	95.10 7.62 0.00	122.35 9.63 0.00	382.58 30.74 0.00	776.49 66.25 0.00	625.95 56.27 0.00	615.47 60.56 0.00	210.37 20.91 0.00	141.33 13.32 0.00	101.99 8.51 0.00	94.80 6.78 0.00
BLUE_CIRC_CHEM_DRP 24182	62.03 -0.84 0.00	51.90 -0.54 0.00	46.44 -0.13 0.00	36.72 -0.15 0.00	39.93 -0.22 0.00	36.40 -0.31 0.14	50.33 -0.47 0.00	42.89 -0.72 0.00	45.41 -1.14 0.00	46.45 -1.28 0.21	59.20 -1.48 0.00	65.08 -1.32 0.00	64.84 -0.90 0.00	81.19 -0.13 0.00	87.49 0.01 0.00	112.79 0.07 0.00	352.04 0.32 0.11	712.18 2.20 0.26	573.29 3.61 0.00	558.89 3.98 0.00	190.23 0.77 0.00	128.37 0.37 0.00	93.30 -0.17 0.00	87.21 -0.81 0.00
BOC_GAS_DRP 24189	62.92 0.05 0.00	52.66 0.22 0.00	47.11 0.54 0.00	37.27 0.41 0.00	40.51 0.37 0.00	36.97 0.26 0.14	51.13 0.33 0.00	43.74 0.13 0.00	46.47 -0.08 0.00	47.65 -0.08 0.20	60.73 0.05 0.00	66.84 0.44 0.00	66.69 0.95 0.00	83.31 1.99 0.00	89.73 2.25 0.00	115.65 2.92 0.00	361.64 9.92 0.11	731.00 21.04 0.28	586.48 16.81 0.00	570.03 15.13 0.00	193.95 4.49 0.00	130.76 2.75 0.00	94.96 1.48 0.00	88.55 0.52 0.00
BOONVILLE_115KV_TB1 79983	64.13 1.26 0.00	53.47 1.03 0.00	47.66 1.09 0.00	37.80 0.93 0.00	41.37 1.23 0.00	38.07 1.23 0.00	52.70 1.90 0.00	45.18 1.58 0.00	48.03 1.48 0.00	49.33 1.40 0.00	62.35 1.67 0.00	68.20 1.80 0.00	67.42 1.68 0.00	39.59 2.02 43.75	89.72 2.24 0.00	115.68 2.95 0.00	361.38 9.55 0.00	732.17 21.93 0.00	591.66 21.98 0.00	578.53 23.63 0.00	198.42 8.95 0.00	134.31 6.30 0.00	98.33 4.85 0.00	91.93 3.91 0.00
BORALEX_4TH_BRANCH 23824	64.99 2.12 0.00	54.21 1.78 0.00	48.42 1.85 0.00	38.25 1.38 0.00	41.60 1.46 0.00	37.44 1.18 0.60	52.43 1.63 0.00	44.94 1.34 0.00	47.48 0.94 0.00	47.82 0.75 0.86	62.01 1.34 0.00	68.24 1.84 0.00	67.87 2.14 0.00	85.57 4.25 0.00	92.33 4.85 0.00	119.13 6.40 0.00	372.82 21.13 0.14	757.32 47.42 0.34	608.65 38.97 0.00	591.36 36.45 0.00	200.13 10.67 0.00	135.68 7.67 0.00	98.60 5.12 0.00	91.87 3.85 0.00
BOWLINE___1 23526	64.50 1.63 0.00	53.98 1.54 0.00	48.52 1.95 0.00	38.41 1.55 0.00	41.68 1.54 0.00	38.36 1.24 -0.28	52.30 1.50 0.00	45.16 1.55 0.00	48.16 1.61 0.00	50.25 1.91 -0.41	63.21 2.54 0.00	69.91 3.52 0.00	70.50 4.76 0.00	88.53 7.21 0.00	95.49 8.01 0.00	123.58 10.85 0.00	388.37 34.99 -1.55	785.61 71.57 -3.81	624.98 55.30 0.00	605.32 50.41 0.00	205.51 16.05 0.00	137.29 9.28 0.00	98.78 5.30 0.00	90.96 2.93 0.00
BOWLINE___2 23595	64.50 1.63 0.00	53.97 1.53 0.00	48.47 1.90 0.00	38.37 1.51 0.00	41.63 1.49 0.00	38.35 1.22 -0.28	52.30 1.50 0.00	45.16 1.55 0.00	48.16 1.61 0.00	50.24 1.91 -0.41	63.21 2.54 0.00	69.91 3.52 0.00	70.50 4.76 0.00	88.54 7.22 0.00	95.52 8.03 0.00	123.62 10.89 0.00	388.51 35.13 -1.55	785.76 71.72 -3.81	625.18 55.50 0.00	605.41 50.51 0.00	205.60 16.13 0.00	137.33 9.32 0.00	98.82 5.34 0.00	90.98 2.95 0.00
BRADY___115KV_TB2 356060	63.84 0.97 0.00	53.26 0.82 0.00	46.91 0.34 0.00	37.28 0.42 0.00	40.73 0.59 0.00	37.58 0.74 0.00	51.90 1.10 0.00	44.41 0.81 0.00	47.09 0.55 0.00	48.27 0.34 0.00	60.83 0.15 0.00	65.75 -0.64 0.00	63.60 -2.14 0.00	-344.83 -5.16 420.99	82.17 -5.31 0.00	105.77 -6.95 0.00	330.28 -21.55 0.00	673.16 -37.08 0.00	545.28 -24.40 0.00	534.66 -20.25 0.00	183.03 -6.43 0.00	124.54 -3.46 0.00	92.88 -0.60 0.00	89.32 1.30 0.00
BRANSCOMB___SOLAR 323811	65.75 2.88 0.00	54.80 2.36 0.00	48.88 2.31 0.00	38.59 1.73 0.00	42.00 1.85 0.00	38.17 1.62 0.30	53.12 2.32 0.00	45.49 1.88 0.00	48.10 1.55 0.00	48.90 1.40 0.43	62.59 1.91 0.00	68.95 2.56 0.00	68.62 2.88 0.00	86.05 4.72 0.00	92.93 5.45 0.00	119.75 7.03 0.00	375.06 23.34 0.11	763.35 53.40 0.28	615.01 45.34 0.00	599.49 44.58 0.00	203.57 14.11 0.00	137.72 9.71 0.00	99.86 6.39 0.00	92.92 4.90 0.00
BRDGHMPT_69_KV_BK1 55812	63.53 4.17 3.52	56.44 4.00 0.00	51.01 4.44 0.00	40.02 3.15 0.00	43.22 3.08 0.00	39.66 2.51 -0.30	53.49 2.69 0.00	45.98 2.37 0.00	47.61 2.23 1.16	42.58 2.76 8.12	65.15 5.13 0.65	70.41 6.34 2.33	74.91 8.57 -0.61	97.96 12.39 -4.25	128.84 14.08 -27.28	194.32 17.89 -63.70	413.33 50.12 -11.37	818.72 102.70 -5.79	642.29 75.15 2.54	598.12 60.20 16.98	197.75 18.89 10.60	136.73 10.85 2.13	103.33 5.66 -4.20	90.26 3.25 1.01

BRENTWOD_69_KV_W. BRTWOOD 56703	62.03 2.34 3.18	55.12 2.68 0.00	49.98 3.40 0.00	39.32 2.45 0.00	42.60 2.45 0.00	39.23 2.09 -0.30	53.15 2.35 0.00	45.90 2.30 0.00	47.35 1.95 1.14	42.46 2.46 7.93	63.99 3.88 0.56	69.00 4.62 2.01	73.23 6.48 -1.02	112.50 9.40 -21.78	107.76 10.59 -9.69	142.45 13.57 -16.16	397.04 40.68 -4.52	803.25 87.22 -5.79	631.75 64.52 2.45	591.43 52.93 16.41	196.50 17.27 10.23	135.74 9.79 2.05	135.50 6.04 -35.99	90.53 3.43 0.92
BRISTLHL_115KV_TB1 79998	62.39 -0.48 0.00	51.86 -0.58 0.00	45.98 -0.59 0.00	36.33 -0.53 0.00	39.56 -0.58 0.00	36.34 -0.50 0.00	50.15 -0.65 0.00	43.08 -0.53 0.00	46.10 -0.45 0.00	47.40 -0.53 0.00	59.93 -0.74 0.00	65.87 -0.52 0.00	65.70 -0.03 0.00	71.35 0.15 10.13	87.63 0.15 0.00	112.85 0.13 0.00	351.47 -0.36 0.00	704.02 -6.22 0.00	564.69 -4.98 0.00	551.66 -3.25 0.00	189.29 -0.17 0.00	128.39 0.38 0.00	93.23 -0.24 0.00	87.38 -0.64 0.00
BROOKHAVEN___DRP 24191	61.14 1.80 3.52	54.57 2.13 0.00	49.46 2.89 0.00	38.90 2.03 0.00	42.11 1.97 0.00	38.75 1.60 -0.30	52.41 1.60 0.00	45.23 1.62 0.00	46.62 1.24 1.16	41.55 1.74 8.12	63.21 3.18 0.65	68.10 4.04 2.34	72.33 5.99 -0.60	94.40 8.93 -4.15	124.24 10.40 -26.37	188.01 13.51 -61.78	401.77 38.85 -11.09	798.34 82.31 -5.79	627.66 60.53 2.55	586.08 48.17 16.99	194.30 15.44 10.60	134.75 8.88 2.13	102.27 4.69 -4.11	89.12 2.11 1.01
BROOKLYN_NAVY_YARD 23515	65.40 2.52 0.00	54.64 2.20 0.00	49.21 2.64 0.00	39.03 2.16 0.00	42.32 2.18 0.00	39.07 1.93 -0.30	53.19 2.39 0.00	46.06 2.46 0.00	49.16 2.61 0.00	52.00 2.92 -1.15	64.19 3.51 0.00	70.96 4.57 0.00	71.69 5.95 0.00	90.02 8.70 0.00	97.08 9.60 0.00	125.87 12.95 -0.20	396.44 42.23 -2.38	802.26 86.29 -5.74	637.69 66.52 -1.49	622.80 60.32 -7.58	211.07 19.45 -2.16	140.67 11.41 -1.25	100.42 6.94 0.00	92.16 4.13 0.00
BROOKLYN___ARMY_DRP 323595	65.23 2.36 0.01	54.77 2.33 0.00	49.32 2.75 0.00	39.23 2.36 0.00	42.45 2.31 0.00	39.19 2.04 -0.30	53.24 2.44 0.00	46.27 2.66 0.00	49.42 2.88 0.00	51.46 3.10 -0.43	64.04 3.36 0.00	71.10 4.70 0.00	71.99 6.26 0.00	90.66 9.34 0.00	97.72 10.23 -0.01	127.26 13.74 -0.80	398.15 43.19 -3.13	804.69 87.11 -7.34	634.28 64.60 0.00	614.44 59.54 0.00	208.56 19.10 0.00	138.75 10.74 0.00	100.27 6.80 0.00	92.06 4.04 0.00
BROOME_2_LFGE 323671	64.14 1.27 0.00	53.19 0.74 0.00	47.20 0.63 0.00	37.34 0.47 0.00	40.66 0.52 0.00	37.36 0.51 0.00	51.50 0.70 0.00	44.17 0.56 0.00	47.44 0.89 0.00	48.89 0.96 0.00	61.90 1.23 0.00	68.31 1.92 0.00	68.63 2.89 0.00	85.45 4.13 0.00	91.60 4.11 0.00	118.12 5.40 0.00	368.63 16.80 0.00	741.91 31.67 0.00	593.51 23.83 0.00	579.86 24.96 0.00	198.42 8.96 0.00	133.63 5.62 0.00	96.85 3.37 0.00	90.24 2.22 0.00
BROOME___LFGE 323600	64.14 1.27 0.00	53.19 0.74 0.00	47.20 0.63 0.00	37.34 0.47 0.00	40.66 0.52 0.00	37.36 0.51 0.00	51.50 0.70 0.00	44.17 0.56 0.00	47.44 0.89 0.00	48.89 0.96 0.00	61.90 1.23 0.00	68.31 1.92 0.00	68.63 2.89 0.00	85.45 4.13 0.00	91.60 4.11 0.00	118.12 5.40 0.00	368.63 16.80 0.00	741.91 31.67 0.00	593.51 23.83 0.00	579.86 24.96 0.00	198.42 8.96 0.00	133.63 5.62 0.00	96.85 3.37 0.00	90.24 2.22 0.00
BROWNFLS_115KV_TB_3_5 80003	62.88 0.01 0.00	52.48 0.04 0.00	46.63 0.06 0.00	37.11 0.24 0.00	40.76 0.61 0.00	37.59 0.74 0.00	52.06 1.26 0.00	44.60 0.99 0.00	47.31 0.77 0.00	48.50 0.57 0.00	61.05 0.37 0.00	66.18 -0.22 0.00	64.25 -1.49 0.00	-131.72 -3.61 209.43	83.90 -3.58 0.00	108.00 -4.73 0.00	337.46 -14.37 0.00	685.39 -24.85 0.00	557.63 -12.05 0.00	544.83 -10.08 0.00	187.39 -2.07 0.00	127.95 -0.06 0.00	95.54 2.06 0.00	90.71 2.69 0.00
BROWNSV1_27_KV_LOAD 356125	66.35 3.48 0.00	55.44 3.01 0.00	49.90 3.33 0.00	39.53 2.67 0.00	42.89 2.74 0.00	39.58 2.43 -0.30	53.94 3.13 0.00	46.71 3.10 0.00	49.90 3.35 0.00	52.08 3.72 -0.43	65.27 4.60 0.00	72.14 5.74 0.00	72.89 7.16 0.00	91.58 10.25 0.00	98.73 11.24 0.00	127.79 15.07 0.00	402.82 48.65 -2.33	815.37 99.39 -5.74	646.53 76.85 0.00	625.59 70.68 0.00	212.44 22.98 0.00	141.82 13.81 0.00	102.05 8.57 0.00	93.68 5.65 0.00
BURROWS___LYONSDAL 23803	63.73 0.86 0.00	53.19 0.76 0.00	47.47 0.90 0.00	37.70 0.84 0.00	41.34 1.20 0.00	38.08 1.23 0.00	52.74 1.94 0.00	45.22 1.62 0.00	48.07 1.52 0.00	49.37 1.44 0.00	62.34 1.67 0.00	68.08 1.69 0.00	67.10 1.36 0.00	24.84 1.42 57.91	89.14 1.66 0.00	114.91 2.19 0.00	359.00 7.16 0.00	727.76 17.52 0.00	589.39 19.71 0.00	576.26 21.36 0.00	197.86 8.40 0.00	134.18 6.17 0.00	98.53 5.05 0.00	92.21 4.18 0.00
CAITHNESS_CC_1 323624	60.92 1.58 3.53	54.48 2.05 0.00	49.39 2.82 0.00	38.86 1.99 0.00	42.07 1.93 0.00	38.72 1.58 -0.30	52.37 1.57 0.00	45.20 1.60 0.00	46.58 1.20 1.16	41.43 1.63 8.13	63.06 3.04 0.66	67.94 3.88 2.34	72.14 5.81 -0.59	93.87 8.49 -4.06	123.02 10.09 -25.45	185.67 13.09 -59.86	400.44 37.81 -10.80	796.32 80.29 -5.79	625.67 58.54 2.55	584.00 46.10 17.00	193.61 14.76 10.61	134.13 8.25 2.13	102.04 4.55 -4.02	88.97 1.97 1.02
CALPINE BETH_PAGE_GT4 24209	66.21 2.03 -1.31	54.60 2.16 0.00	49.33 2.76 0.00	38.87 2.00 0.00	42.14 1.99 0.00	38.84 1.70 -0.30	52.69 1.89 0.00	45.54 1.94 0.00	47.41 1.72 0.85	44.62 2.20 5.51	64.73 3.39 -0.67	72.89 4.18 -2.32	78.02 5.95 -6.34	99.21 8.90 -8.98	110.98 10.17 -13.32	149.80 13.48 -23.60	402.30 41.58 -8.88	804.40 88.37 -5.79	632.52 65.94 3.10	595.10 56.21 16.02	200.09 18.11 7.49	136.93 10.22 1.30	100.98 5.68 -1.83	91.19 2.98 -0.19
CALPINE_BETH_PAGE_GT_4 323586	66.13 1.94 -1.31	54.60 2.16 0.00	49.33 2.76 0.00	38.87 2.00 0.00	42.14 1.99 0.00	38.84 1.70 -0.30	52.69 1.89 0.00	45.55 1.94 0.00	47.42 1.72 0.85	44.57 2.15 5.51	64.69 3.35 -0.67	72.88 4.17 -2.32	78.02 5.95 -6.34	99.09 8.78 -8.98	110.96 10.16 -13.32	149.78 13.47 -23.60	402.30 41.58 -8.88	804.44 88.41 -5.79	632.35 65.77 3.10	594.83 55.95 16.02	199.98 18.00 7.49	136.66 9.95 1.30	100.98 5.67 -1.83	91.19 2.98 -0.19
CALPINE_BP_GT1 23823	66.13 1.94 -1.31	54.60 2.16 0.00	49.33 2.76 0.00	38.87 2.00 0.00	42.14 1.99 0.00	38.84 1.70 -0.30	52.69 1.89 0.00	45.55 1.94 0.00	47.42 1.72 0.85	44.57 2.15 5.51	64.69 3.35 -0.67	72.88 4.17 -2.32	78.02 5.95 -6.34	99.09 8.78 -8.98	110.96 10.16 -13.32	149.78 13.47 -23.60	402.30 41.58 -8.88	804.44 88.41 -5.79	632.35 65.77 3.10	594.83 55.95 16.02	199.98 18.00 7.49	136.66 9.95 1.30	100.98 5.67 -1.83	91.19 2.98 -0.19
CALSPAN___DRP 24200	66.44 3.57 0.00	54.36 1.92 0.00	47.17 0.59 0.00	36.96 0.09 0.00	40.31 0.16 0.00	37.11 0.26 0.00	51.20 0.40 0.00	44.23 0.62 0.00	48.33 1.79 0.00	50.26 2.33 0.00	63.96 3.28 0.00	70.61 4.21 0.00	71.33 5.59 0.00	87.14 5.82 0.00	92.75 5.27 0.00	119.41 6.69 0.00	371.25 19.42 0.00	752.30 42.07 0.00	597.69 28.01 0.00	586.23 31.32 0.00	202.13 12.67 0.00	135.52 7.51 0.00	98.34 4.87 0.00	93.19 5.17 0.00

CALVERTON___SOLAR 323806	61.31 1.97 3.52	54.76 2.33 0.00	49.61 3.04 0.00	39.01 2.14 0.00	42.21 2.06 0.00	38.83 1.69 -0.30	52.52 1.72 0.00	45.32 1.71 0.00	46.74 1.35 1.16	41.58 1.77 8.12	63.37 3.35 0.65	68.33 4.27 2.34	72.62 6.29 -0.60	94.66 9.16 -4.18	125.05 10.86 -26.71	189.32 14.09 -62.51	403.39 40.36 -11.19	801.92 85.89 -5.79	630.03 62.90 2.55	587.60 49.69 16.99	194.74 15.88 10.60	134.79 8.92 2.13	102.53 4.93 -4.13	89.33 2.32 1.01
CANDIGU_WT_PWR 323617	64.37 1.50 0.00	53.02 0.58 0.00	46.66 0.09 0.00	36.91 0.04 0.00	40.42 0.28 0.00	37.21 0.36 0.00	51.36 0.56 0.00	44.04 0.44 0.00	47.49 0.95 0.00	48.99 1.06 0.00	61.92 1.25 0.00	68.44 2.05 0.00	69.09 3.36 0.00	85.61 4.29 0.00	91.25 3.77 0.00	117.78 5.05 0.00	367.02 15.19 0.00	739.42 29.18 0.00	591.89 22.21 0.00	583.43 28.53 0.00	201.24 11.78 0.00	135.05 7.04 0.00	97.67 4.20 0.00	91.62 3.60 0.00
CARR STREET_E_SYR 24060	62.70 -0.17 0.00	52.09 -0.35 0.00	46.15 -0.42 0.00	36.46 -0.41 0.00	39.70 -0.45 0.00	36.46 -0.38 0.00	50.32 -0.49 0.00	43.25 -0.36 0.00	46.31 -0.24 0.00	47.69 -0.24 0.00	60.39 -0.28 0.00	66.44 0.04 0.00	66.35 0.61 0.00	73.84 1.02 8.50	88.43 0.95 0.00	113.97 1.25 0.00	355.20 3.37 0.00	713.04 2.80 0.00	571.35 1.67 0.00	557.96 3.05 0.00	191.14 1.68 0.00	129.27 1.26 0.00	93.81 0.33 0.00	87.86 -0.16 0.00
CARTHAGE___PAPER 23857	63.90 1.03 0.00	53.32 0.88 0.00	47.68 1.11 0.00	37.95 1.09 0.00	41.86 1.72 0.00	38.57 1.72 0.00	53.59 2.79 0.00	45.94 2.33 0.00	48.79 2.25 0.00	50.04 2.11 0.00	62.86 2.19 0.00	68.03 1.64 0.00	65.81 0.07 0.00	-13.86 -1.35 93.83	86.47 -1.01 0.00	111.18 -1.54 0.00	347.82 -4.01 0.00	705.66 -4.58 0.00	578.37 8.69 0.00	564.93 10.02 0.00	195.52 6.06 0.00	133.67 5.66 0.00	100.54 7.07 0.00	94.29 6.27 0.00
CASSADAGA_WT_PWR 323784	67.88 5.01 0.00	55.46 3.03 0.00	48.19 1.62 0.00	37.89 1.02 0.00	41.28 1.13 0.00	38.05 1.20 0.00	52.62 1.82 0.00	45.45 1.85 0.00	49.73 3.18 0.00	51.66 3.73 0.00	65.67 5.00 0.00	72.76 6.37 0.00	73.03 7.29 0.00	90.13 8.80 0.00	95.87 8.38 0.00	123.61 10.89 0.00	384.05 32.22 0.00	777.44 67.20 0.00	616.99 47.32 0.00	604.44 49.54 0.00	208.14 18.68 0.00	139.20 11.19 0.00	100.48 7.00 0.00	95.08 7.06 0.00
CE_DUNWOOD___DRP 24194	65.07 2.20 0.00	54.45 2.02 0.00	48.94 2.37 0.00	38.75 1.88 0.00	42.05 1.90 0.00	38.78 1.63 -0.30	52.86 2.06 0.00	45.67 2.06 0.00	48.70 2.16 0.00	50.81 2.45 -0.43	63.88 3.20 0.00	70.58 4.19 0.00	71.21 5.48 0.00	89.45 8.13 0.00	96.48 9.00 0.00	124.83 12.11 0.00	393.11 39.12 -2.16	795.69 80.13 -5.32	631.58 61.90 0.00	611.39 56.48 0.00	207.59 18.12 0.00	138.70 10.69 0.00	99.81 6.34 0.00	91.85 3.83 0.00
CE_MILLWOOD___DRP 24193	64.90 2.03 0.00	54.31 1.87 0.00	48.80 2.23 0.00	38.63 1.77 0.00	41.92 1.78 0.00	38.65 1.50 -0.30	52.70 1.90 0.00	45.51 1.91 0.00	48.54 1.99 0.00	50.63 2.27 -0.43	63.65 2.98 0.00	70.36 3.97 0.00	70.95 5.21 0.00	89.12 7.80 0.00	96.12 8.64 0.00	124.35 11.62 0.00	391.28 37.48 -1.97	791.77 76.70 -4.84	629.30 59.62 0.00	609.30 54.40 0.00	206.83 17.37 0.00	138.25 10.24 0.00	99.50 6.03 0.00	91.60 3.58 0.00
CE_NYC2_DRP 24202	61.04 1.99 3.82	54.67 2.23 0.00	49.23 2.66 0.00	39.12 2.25 0.00	42.34 2.20 0.00	39.10 1.95 -0.30	53.20 2.40 0.00	46.18 2.57 0.00	49.31 2.76 0.00	51.30 2.93 -0.43	63.97 3.30 0.00	70.82 4.42 0.00	71.65 5.91 0.00	90.07 8.75 0.00	97.08 9.60 0.00	126.65 12.98 -0.95	396.22 41.10 -3.28	801.93 84.04 -7.65	633.28 63.61 0.00	613.10 58.20 0.00	208.16 18.70 0.00	138.57 10.56 0.00	99.80 6.33 0.00	91.57 3.55 0.00
CE_NYC_DRP 24195	65.51 2.64 0.00	54.78 2.34 0.00	49.31 2.74 0.00	39.10 2.23 0.00	42.40 2.26 0.00	39.13 1.99 -0.30	53.31 2.50 0.00	46.16 2.55 0.00	49.29 2.75 0.00	51.43 3.07 -0.43	64.43 3.75 0.00	71.17 4.77 0.00	71.90 6.16 0.00	90.28 8.96 0.00	97.34 9.85 0.00	125.95 13.23 0.00	397.15 42.98 -2.33	803.89 87.91 -5.74	637.42 67.74 0.00	616.61 61.71 0.00	209.33 19.87 0.00	139.69 11.69 0.00	100.53 7.05 0.00	92.32 4.30 0.00
CHAFFEE___LFGE 323603	66.66 3.79 0.00	54.53 2.09 0.00	47.32 0.75 0.00	37.09 0.23 0.00	40.45 0.31 0.00	37.26 0.41 0.00	51.40 0.60 0.00	44.40 0.79 0.00	48.53 1.99 0.00	50.47 2.54 0.00	64.21 3.54 0.00	70.91 4.52 0.00	71.67 5.94 0.00	87.67 6.34 0.00	93.30 5.82 0.00	120.12 7.40 0.00	373.48 21.65 0.00	757.27 47.03 0.00	602.00 32.32 0.00	590.29 35.38 0.00	203.45 13.99 0.00	136.39 8.38 0.00	98.86 5.39 0.00	93.49 5.47 0.00
CHATEAUG_35_KV_LOAD 355732	61.47 -1.40 0.00	51.30 -1.13 0.00	45.34 -1.23 0.00	36.01 -0.86 0.00	39.43 -0.71 0.00	36.44 -0.41 0.00	50.46 -0.34 0.00	43.53 -0.08 0.00	46.62 0.07 0.00	48.09 0.16 0.00	60.68 0.00 0.00	65.53 -0.86 0.00	63.62 -2.12 0.00	47.00 -4.14 30.19	83.27 -4.22 0.00	107.19 -5.53 0.00	335.34 -16.50 0.00	682.29 -27.94 0.00	550.93 -18.75 0.00	535.95 -18.95 0.00	182.93 -6.53 0.00	123.94 -4.07 0.00	91.46 -2.01 0.00	87.65 -0.37 0.00
CHATEAUG_WT_PWR 323614	61.30 -1.57 0.00	51.20 -1.24 0.00	45.31 -1.26 0.00	35.95 -0.91 0.00	39.38 -0.76 0.00	36.37 -0.48 0.00	50.39 -0.42 0.00	43.49 -0.12 0.00	46.62 0.07 0.00	48.08 0.15 0.00	60.69 0.02 0.00	65.59 -0.80 0.00	63.75 -1.99 0.00	76.44 -3.91 0.97	83.48 -4.00 0.00	107.52 -5.20 0.00	336.19 -15.65 0.00	684.03 -26.20 0.00	550.59 -19.09 0.00	536.32 -18.58 0.00	182.81 -6.66 0.00	123.78 -4.23 0.00	91.28 -2.19 0.00	87.46 -0.56 0.00
CHAT_HIGH_FALL_HYD 323578	61.47 -1.40 0.00	51.30 -1.13 0.00	45.34 -1.23 0.00	36.01 -0.86 0.00	39.43 -0.71 0.00	36.44 -0.41 0.00	50.46 -0.34 0.00	43.53 -0.08 0.00	46.62 0.07 0.00	48.09 0.16 0.00	60.68 0.00 0.00	65.53 -0.86 0.00	63.62 -2.12 0.00	47.00 -4.14 30.19	83.27 -4.22 0.00	107.19 -5.53 0.00	335.34 -16.50 0.00	682.29 -27.94 0.00	550.93 -18.75 0.00	535.95 -18.95 0.00	182.93 -6.53 0.00	123.94 -4.07 0.00	91.46 -2.01 0.00	87.65 -0.37 0.00
CHAUTAUQUA___LFGE 323629	67.08 4.21 0.00	54.82 2.39 0.00	47.66 1.08 0.00	37.46 0.59 0.00	40.83 0.69 0.00	37.61 0.76 0.00	51.94 1.14 0.00	44.79 1.18 0.00	48.96 2.41 0.00	50.81 2.88 0.00	64.61 3.94 0.00	71.52 5.12 0.00	72.19 6.45 0.00	88.97 7.65 0.00	94.59 7.11 0.00	122.05 9.32 0.00	379.11 27.28 0.00	766.26 56.02 0.00	608.42 38.73 0.00	596.67 41.76 0.00	205.57 16.11 0.00	137.81 9.80 0.00	99.65 6.18 0.00	93.97 5.95 0.00
CHERRYST_13_KV_LD 356241	65.76 2.89 0.00	54.99 2.55 0.00	49.50 2.93 0.00	39.24 2.38 0.00	42.56 2.42 0.00	39.29 2.15 -0.30	53.54 2.74 0.00	46.39 2.78 0.00	49.56 3.02 0.00	51.72 3.36 -0.43	64.81 4.13 0.00	71.60 5.21 0.00	72.34 6.61 0.00	90.84 9.51 0.00	97.92 10.44 0.00	126.69 13.96 0.00	399.56 45.40 -2.33	808.62 92.64 -5.74	640.84 71.16 0.00	619.67 64.76 0.00	210.37 20.90 0.00	140.34 12.33 0.00	100.99 7.51 0.00	92.73 4.71 0.00

CHESTROR_138KV_BK263 355645	64.54 1.67 0.00	53.98 1.54 0.00	48.37 1.79 0.00	38.27 1.40 0.00	41.54 1.40 0.00	38.28 1.18 -0.26	52.30 1.50 0.00	45.08 1.47 0.00	48.06 1.51 0.00	50.05 1.75 -0.37	63.04 2.37 0.00	69.65 3.26 0.00	70.10 4.37 0.00	87.90 6.58 0.00	94.79 7.30 0.00	122.59 9.87 0.00	384.75 31.96 -0.96	778.24 65.65 -2.35	621.14 51.46 0.00	602.46 47.55 0.00	204.62 15.16 0.00	136.89 8.88 0.00	98.64 5.16 0.00	91.04 3.02 0.00
CH_MIDHUDSON___DRP 24192	64.81 1.94 0.00	54.19 1.75 0.00	48.60 2.03 0.00	38.43 1.56 0.00	41.72 1.58 0.00	38.40 1.34 -0.22	52.55 1.75 0.00	45.32 1.71 0.00	48.30 1.75 0.00	50.20 1.96 -0.31	63.38 2.71 0.00	70.05 3.65 0.00	70.47 4.73 0.00	88.52 7.20 0.00	95.55 8.07 0.00	123.59 10.86 0.00	386.94 35.24 0.13	782.70 72.77 0.31	626.74 57.06 0.00	607.31 52.41 0.00	206.11 16.64 0.00	137.99 9.98 0.00	99.47 6.00 0.00	91.72 3.69 0.00
CH_MISC_IPPS 23765	65.04 2.17 0.00	54.37 1.94 0.00	48.72 2.15 0.00	38.52 1.66 0.00	41.81 1.67 0.00	38.51 1.43 -0.24	52.69 1.89 0.00	45.47 1.86 0.00	48.49 1.94 0.00	50.48 2.21 -0.34	63.71 3.04 0.00	70.37 3.97 0.00	70.85 5.11 0.00	89.01 7.69 0.00	96.10 8.62 0.00	124.36 11.63 0.00	389.81 37.98 0.00	788.57 78.33 0.00	630.88 61.20 0.00	611.44 56.53 0.00	207.67 18.20 0.00	139.06 11.05 0.00	100.19 6.71 0.00	92.28 4.25 0.00
CH_RES_BVR_FALLS 23983	62.11 -0.76 0.00	51.87 -0.57 0.00	46.07 -0.50 0.00	36.56 -0.30 0.00	39.90 -0.24 0.00	36.65 -0.20 0.00	50.60 -0.20 0.00	43.50 -0.11 0.00	46.43 -0.11 0.00	47.72 -0.21 0.00	60.24 -0.43 0.00	65.58 -0.82 0.00	64.48 -1.25 0.00	89.45 -1.98 -10.10	85.38 -2.11 0.00	110.01 -2.72 0.00	343.21 -8.63 0.00	694.09 -16.15 0.00	557.28 -12.40 0.00	542.78 -12.12 0.00	185.36 -4.11 0.00	125.35 -2.66 0.00	91.93 -1.55 0.00	87.07 -0.96 0.00
CH_RES_NIAGARA 23895	64.61 1.74 0.00	52.83 0.39 0.00	45.75 -0.82 0.00	35.73 -1.13 0.00	38.95 -1.20 0.00	35.86 -0.99 0.00	49.32 -1.48 0.00	42.70 -0.91 0.00	46.68 0.14 0.00	48.57 0.64 0.00	61.78 1.10 0.00	68.04 1.64 0.00	68.58 2.85 0.00	83.12 1.80 0.00	88.39 0.91 0.00	113.73 1.00 0.00	353.18 1.35 0.00	714.61 4.37 0.00	567.69 -1.98 0.00	556.77 1.86 0.00	192.40 2.94 0.00	129.49 1.48 0.00	94.35 0.88 0.00	90.09 2.06 0.00
CH_RES_SYRACUSE 23985	62.99 0.12 0.00	52.32 -0.12 0.00	46.35 -0.22 0.00	36.63 -0.23 0.00	39.89 -0.25 0.00	36.66 -0.19 0.00	50.55 -0.25 0.00	43.46 -0.15 0.00	46.50 -0.04 0.00	47.86 -0.07 0.00	60.59 -0.09 0.00	66.63 0.24 0.00	66.57 0.83 0.00	75.13 1.21 7.40	88.64 1.16 0.00	114.19 1.47 0.00	355.78 3.95 0.00	713.42 3.19 0.00	572.35 2.67 0.00	559.39 4.48 0.00	191.89 2.43 0.00	129.89 1.88 0.00	94.20 0.73 0.00	88.26 0.23 0.00
CLINTON_WT_PWR 323605	61.30 -1.57 0.00	51.20 -1.24 0.00	45.31 -1.26 0.00	35.95 -0.91 0.00	39.38 -0.76 0.00	36.37 -0.48 0.00	50.39 -0.42 0.00	43.49 -0.12 0.00	46.62 0.07 0.00	48.08 0.15 0.00	60.69 0.02 0.00	65.59 -0.80 0.00	63.75 -1.99 0.00	76.44 -3.91 0.97	83.48 -4.00 0.00	107.52 -5.20 0.00	336.19 -15.65 0.00	684.03 -26.20 0.00	550.59 -19.09 0.00	536.32 -18.58 0.00	182.81 -6.66 0.00	123.78 -4.23 0.00	91.28 -2.19 0.00	87.46 -0.56 0.00
CLINTON___LFGE 323618	61.83 -1.04 0.00	51.66 -0.77 0.00	45.84 -0.74 0.00	36.33 -0.54 0.00	39.77 -0.37 0.00	36.68 -0.17 0.00	50.85 0.05 0.00	43.95 0.34 0.00	47.11 0.56 0.00	48.57 0.64 0.00	61.34 0.66 0.00	66.27 -0.12 0.00	64.31 -1.42 0.00	70.65 -3.26 7.42	84.24 -3.24 0.00	108.48 -4.24 0.00	339.23 -12.60 0.00	692.40 -17.84 0.00	558.37 -11.31 0.00	544.79 -10.12 0.00	185.52 -3.94 0.00	125.60 -2.41 0.00	92.35 -1.13 0.00	88.43 0.40 0.00
COBBLENY_34_KV_TB1 80064	66.65 3.78 0.00	54.53 2.09 0.00	47.32 0.75 0.00	37.09 0.23 0.00	40.45 0.31 0.00	37.26 0.42 0.00	51.40 0.60 0.00	44.42 0.81 0.00	48.54 1.99 0.00	50.47 2.54 0.00	64.22 3.54 0.00	70.92 4.53 0.00	71.67 5.94 0.00	87.63 6.31 0.00	93.30 5.82 0.00	120.11 7.38 0.00	373.46 21.63 0.00	757.33 47.09 0.00	601.77 32.10 0.00	590.25 35.34 0.00	203.42 13.95 0.00	136.27 8.26 0.00	98.85 5.37 0.00	93.49 5.47 0.00
COFFEEN___115KV_TB3 355620	64.61 1.74 0.00	53.81 1.37 0.00	48.14 1.57 0.00	38.25 1.39 0.00	42.22 2.08 0.00	38.84 1.99 0.00	54.05 3.25 0.00	46.31 2.70 0.00	49.30 2.76 0.00	50.60 2.67 0.00	63.58 2.90 0.00	68.95 2.56 0.00	67.28 1.54 0.00	4.83 0.95 77.44	88.91 1.43 0.00	114.28 1.56 0.00	357.63 5.80 0.00	724.71 14.47 0.00	594.86 25.18 0.00	581.95 27.04 0.00	202.27 12.80 0.00	138.17 10.16 0.00	102.26 8.78 0.00	95.44 7.41 0.00
COLDSPRG_115KV_BK1 355956	67.65 4.78 0.00	55.32 2.88 0.00	48.17 1.60 0.00	37.90 1.03 0.00	41.30 1.16 0.00	38.06 1.21 0.00	52.67 1.87 0.00	45.51 1.90 0.00	49.77 3.23 0.00	51.69 3.76 0.00	65.57 4.90 0.00	72.66 6.26 0.00	72.83 7.10 0.00	89.94 8.62 0.00	95.80 8.32 0.00	123.40 10.68 0.00	383.36 31.53 0.00	777.47 67.23 0.00	617.15 47.47 0.00	605.55 50.65 0.00	208.36 18.90 0.00	139.01 11.00 0.00	100.47 6.99 0.00	95.09 7.07 0.00
COLONIE_LFGE___ 323577	64.46 1.59 0.00	53.82 1.39 0.00	48.07 1.50 0.00	37.98 1.11 0.00	41.30 1.16 0.00	37.45 0.96 0.35	52.17 1.37 0.00	44.68 1.08 0.00	47.33 0.78 0.00	48.14 0.72 0.51	61.84 1.16 0.00	68.09 1.69 0.00	67.84 2.10 0.00	85.07 3.75 0.00	91.73 4.25 0.00	118.27 5.54 0.00	370.38 18.67 0.12	751.17 41.24 0.30	603.57 33.89 0.00	586.95 32.04 0.00	199.19 9.72 0.00	134.68 6.67 0.00	97.70 4.23 0.00	91.02 2.99 0.00
COOPERNY_115KV_TB1 80082	64.11 1.24 0.00	53.60 1.16 0.00	47.94 1.37 0.00	37.93 1.07 0.00	41.21 1.06 0.00	37.93 0.91 -0.18	51.95 1.14 0.00	44.68 1.07 0.00	47.68 1.13 0.00	49.50 1.31 -0.25	62.46 1.79 0.00	68.90 2.50 0.00	69.13 3.39 0.00	86.39 5.07 0.00	93.05 5.57 0.00	120.16 7.44 0.00	376.48 24.22 -0.43	761.02 49.72 -1.06	608.60 38.93 0.00	591.12 36.21 0.00	201.11 11.65 0.00	134.81 6.80 0.00	97.44 3.96 0.00	90.30 2.28 0.00
COPENHAGEN_WT_PWR 323753	62.89 0.02 0.00	52.48 0.04 0.00	47.11 0.54 0.00	37.52 0.65 0.00	41.49 1.35 0.00	38.15 1.31 0.00	53.11 2.31 0.00	45.58 1.97 0.00	48.64 2.09 0.00	49.96 2.03 0.00	62.80 2.13 0.00	68.21 1.81 0.00	66.67 0.93 0.00	8.61 0.36 73.07	88.22 0.74 0.00	113.46 0.73 0.00	354.81 2.97 0.00	718.03 7.79 0.00	586.84 17.16 0.00	573.11 18.20 0.00	198.57 9.11 0.00	135.35 7.35 0.00	100.42 6.94 0.00	93.88 5.85 0.00
CORNELL_____ 23752	65.17 2.30 0.00	54.03 1.59 0.00	47.85 1.28 0.00	37.83 0.97 0.00	41.22 1.08 0.00	37.90 1.06 0.00	52.27 1.47 0.00	44.87 1.26 0.00	47.90 1.36 0.00	49.11 1.18 0.00	62.05 1.38 0.00	68.34 1.94 0.00	68.54 2.80 0.00	85.18 3.86 0.00	91.34 3.86 0.00	117.77 5.04 0.00	367.37 15.54 0.00	740.86 30.62 0.00	597.26 27.58 0.00	587.17 32.26 0.00	201.50 12.03 0.00	135.91 7.90 0.00	98.33 4.85 0.00	91.73 3.71 0.00

CORONA_69_KV_TB1 355595	88.10 3.08 -22.15	55.33 2.88 0.00	49.91 3.34 0.00	39.36 2.49 0.00	42.64 2.50 0.00	39.30 2.16 -0.30	53.36 2.56 0.00	46.14 2.53 0.00	48.86 2.42 0.11	52.71 2.92 -1.87	72.64 4.24 -7.73	98.24 5.04 -26.80	109.48 6.75 -37.00	135.87 9.81 -44.73	158.74 11.04 -60.22	194.35 14.55 -67.07	427.76 45.64 -30.29	812.20 96.18 -5.79	645.32 72.63 -3.01	633.77 63.56 -15.30	219.95 20.76 -9.73	142.62 12.10 -2.52	100.56 7.08 0.00	97.75 4.44 -5.28
CORTLAND_115KV_TB3 80093	64.28 1.41 0.00	53.38 0.94 0.00	47.35 0.78 0.00	37.44 0.57 0.00	40.78 0.64 0.00	37.48 0.63 0.00	51.71 0.91 0.00	44.37 0.77 0.00	47.39 0.84 0.00	48.69 0.76 0.00	61.61 0.93 0.00	67.89 1.50 0.00	67.96 2.22 0.00	77.39 3.17 7.10	90.65 3.16 0.00	116.88 4.16 0.00	364.57 12.74 0.00	734.44 24.20 0.00	589.57 19.89 0.00	577.46 22.55 0.00	197.92 8.46 0.00	133.56 5.55 0.00	96.79 3.31 0.00	90.32 2.30 0.00
COXSACKIE___GT 23611	65.84 2.97 0.00	54.84 2.40 0.00	48.83 2.26 0.00	38.53 1.66 0.00	41.90 1.76 0.00	38.31 1.57 0.10	52.93 2.13 0.00	45.16 1.55 0.00	47.68 1.14 0.00	48.45 0.66 0.14	61.52 0.85 0.00	67.82 1.42 0.00	67.71 1.97 0.00	84.97 3.65 0.00	91.67 4.18 0.00	119.07 6.35 0.00	376.38 24.63 0.08	760.91 50.87 0.19	616.11 46.44 0.00	604.03 49.13 0.00	205.74 16.27 0.00	138.46 10.45 0.00	99.87 6.40 0.00	92.92 4.90 0.00
CPV_VALLEY___CC1 323721	64.01 1.14 0.00	53.55 1.11 0.00	47.98 1.41 0.00	37.97 1.10 0.00	41.22 1.07 0.00	37.97 0.89 -0.23	51.91 1.11 0.00	44.72 1.11 0.00	47.68 1.14 0.00	49.60 1.34 -0.33	62.51 1.83 0.00	69.03 2.64 0.00	69.39 3.65 0.00	86.95 5.62 0.00	93.74 6.26 0.00	121.17 8.44 0.00	379.81 27.37 -0.60	767.72 56.00 -1.48	613.35 43.68 0.00	594.92 40.01 0.00	202.18 12.72 0.00	135.35 7.34 0.00	97.66 4.18 0.00	90.24 2.21 0.00
CPV_VALLEY___CC2 323722	64.01 1.14 0.00	53.55 1.11 0.00	47.98 1.41 0.00	37.97 1.10 0.00	41.22 1.07 0.00	37.97 0.89 -0.23	51.91 1.11 0.00	44.72 1.11 0.00	47.68 1.14 0.00	49.60 1.34 -0.33	62.51 1.83 0.00	69.03 2.64 0.00	69.39 3.65 0.00	86.95 5.62 0.00	93.74 6.26 0.00	121.17 8.44 0.00	379.81 27.37 -0.60	767.72 56.00 -1.48	613.35 43.68 0.00	594.92 40.01 0.00	202.18 12.72 0.00	135.35 7.34 0.00	97.66 4.18 0.00	90.24 2.21 0.00
CRESCENT___HYD 24018	64.46 1.59 0.00	53.82 1.39 0.00	48.07 1.50 0.00	37.98 1.11 0.00	41.30 1.16 0.00	37.45 0.96 0.35	52.17 1.37 0.00	44.68 1.08 0.00	47.33 0.78 0.00	48.14 0.72 0.51	61.84 1.16 0.00	68.09 1.69 0.00	67.84 2.10 0.00	85.07 3.75 0.00	91.73 4.25 0.00	118.27 5.54 0.00	370.38 18.67 0.12	751.17 41.24 0.30	603.57 33.89 0.00	586.95 32.04 0.00	199.19 9.72 0.00	134.68 6.67 0.00	97.70 4.23 0.00	91.02 2.99 0.00
CRICKET___VALLEY_CC1 323756	63.90 1.03 0.00	53.41 0.97 0.00	47.91 1.34 0.00	37.86 0.99 0.00	41.12 0.97 0.00	33.84 0.75 3.77	51.79 0.99 0.00	44.66 1.05 0.00	47.49 0.95 0.00	43.52 1.01 5.42	62.26 1.58 0.00	68.85 2.46 0.00	69.14 3.40 0.00	86.98 5.66 0.00	93.96 6.48 0.00	121.48 8.75 0.00	380.00 28.47 0.30	768.81 59.30 0.73	615.91 46.23 0.00	597.00 42.10 0.00	202.49 13.03 0.00	135.67 7.66 0.00	97.98 4.50 0.00	90.42 2.40 0.00
CRICKET___VALLEY_CC2 323757	63.90 1.03 0.00	53.41 0.97 0.00	47.91 1.34 0.00	37.86 0.99 0.00	41.12 0.97 0.00	33.84 0.75 3.77	51.79 0.99 0.00	44.66 1.05 0.00	47.49 0.95 0.00	43.52 1.01 5.42	62.26 1.58 0.00	68.85 2.46 0.00	69.14 3.40 0.00	86.98 5.66 0.00	93.96 6.48 0.00	121.48 8.75 0.00	380.00 28.47 0.30	768.81 59.30 0.73	615.91 46.23 0.00	597.00 42.10 0.00	202.49 13.03 0.00	135.67 7.66 0.00	97.98 4.50 0.00	90.42 2.40 0.00
CRICKET___VALLEY_CC3 323758	63.90 1.03 0.00	53.41 0.97 0.00	47.91 1.34 0.00	37.86 0.99 0.00	41.12 0.97 0.00	33.84 0.75 3.77	51.79 0.99 0.00	44.66 1.05 0.00	47.49 0.95 0.00	43.52 1.01 5.42	62.26 1.58 0.00	68.85 2.46 0.00	69.14 3.40 0.00	86.98 5.66 0.00	93.96 6.48 0.00	121.48 8.75 0.00	380.00 28.47 0.30	768.81 59.30 0.73	615.91 46.23 0.00	597.00 42.10 0.00	202.49 13.03 0.00	135.67 7.66 0.00	97.98 4.50 0.00	90.42 2.40 0.00
CRUCIBLE_METL_DRP 24180	62.99 0.12 0.00	52.32 -0.12 0.00	46.35 -0.22 0.00	36.63 -0.24 0.00	39.88 -0.26 0.00	36.65 -0.19 0.00	50.55 -0.25 0.00	43.47 -0.14 0.00	46.50 -0.04 0.00	47.86 -0.08 0.00	60.59 -0.09 0.00	66.63 0.24 0.00	66.57 0.83 0.00	75.14 1.21 7.40	88.64 1.15 0.00	114.19 1.47 0.00	355.80 3.96 0.00	713.42 3.18 0.00	572.24 2.56 0.00	559.33 4.43 0.00	191.89 2.43 0.00	129.88 1.88 0.00	94.20 0.73 0.00	88.25 0.23 0.00
DAHOWA___HYDRO 323763	66.16 3.29 0.00	55.10 2.66 0.00	49.14 2.57 0.00	38.78 1.92 0.00	42.22 2.08 0.00	38.38 1.82 0.29	53.41 2.61 0.00	45.77 2.17 0.00	48.41 1.86 0.00	49.20 1.69 0.41	62.95 2.28 0.00	69.39 3.00 0.00	69.02 3.29 0.00	86.62 5.30 0.00	93.59 6.11 0.00	120.58 7.86 0.00	377.56 25.84 0.11	769.36 59.41 0.28	620.00 50.32 0.00	604.20 49.29 0.00	205.10 15.64 0.00	138.80 10.79 0.00	100.62 7.14 0.00	93.56 5.54 0.00
DANC___LFGE 323619	62.71 -0.16 0.00	52.25 -0.19 0.00	46.68 0.11 0.00	37.06 0.19 0.00	40.75 0.61 0.00	37.45 0.61 0.00	51.97 1.17 0.00	44.61 1.00 0.00	47.64 1.09 0.00	48.95 1.02 0.00	61.63 0.96 0.00	67.22 0.83 0.00	66.19 0.45 0.00	32.40 0.15 49.08	87.81 0.33 0.00	112.94 0.22 0.00	352.50 0.67 0.00	711.06 0.82 0.00	577.32 7.64 0.00	564.09 9.18 0.00	194.71 5.25 0.00	132.51 4.50 0.00	97.67 4.19 0.00	91.38 3.35 0.00
DANSKAMMER___1 23586	65.04 2.17 0.00	54.37 1.94 0.00	48.72 2.15 0.00	38.52 1.66 0.00	41.81 1.67 0.00	38.51 1.43 -0.24	52.69 1.89 0.00	45.47 1.86 0.00	48.49 1.94 0.00	50.48 2.21 -0.34	63.71 3.04 0.00	70.37 3.97 0.00	70.85 5.11 0.00	89.01 7.69 0.00	96.10 8.62 0.00	124.36 11.63 0.00	389.81 37.98 0.00	788.57 78.33 0.00	630.88 61.20 0.00	611.44 56.53 0.00	207.67 18.20 0.00	139.06 11.05 0.00	100.19 6.71 0.00	92.28 4.25 0.00
DANSKAMMER___2 23589	65.04 2.17 0.00	54.37 1.94 0.00	48.72 2.15 0.00	38.52 1.66 0.00	41.81 1.67 0.00	38.51 1.43 -0.24	52.69 1.89 0.00	45.47 1.86 0.00	48.49 1.94 0.00	50.48 2.21 -0.34	63.71 3.04 0.00	70.37 3.97 0.00	70.85 5.11 0.00	89.01 7.69 0.00	96.10 8.62 0.00	124.36 11.63 0.00	389.81 37.98 0.00	788.57 78.33 0.00	630.88 61.20 0.00	611.44 56.53 0.00	207.67 18.20 0.00	139.06 11.05 0.00	100.19 6.71 0.00	92.28 4.25 0.00
DANSKAMMER___3 23590	65.04 2.17 0.00	54.37 1.94 0.00	48.72 2.15 0.00	38.52 1.66 0.00	41.81 1.67 0.00	38.51 1.43 -0.24	52.69 1.89 0.00	45.47 1.86 0.00	48.49 1.94 0.00	50.48 2.21 -0.34	63.71 3.04 0.00	70.37 3.97 0.00	70.85 5.11 0.00	89.01 7.69 0.00	96.10 8.62 0.00	124.36 11.63 0.00	389.81 37.98 0.00	788.57 78.33 0.00	630.88 61.20 0.00	611.44 56.53 0.00	207.67 18.20 0.00	139.06 11.05 0.00	100.19 6.71 0.00	92.28 4.25 0.00

DANSKAMMER___4 23591	65.04 2.17 0.00	54.37 1.94 0.00	48.72 2.15 0.00	38.52 1.66 0.00	41.81 1.67 0.00	38.51 1.43 -0.24	52.69 1.89 0.00	45.47 1.86 0.00	48.49 1.94 0.00	50.48 2.21 -0.34	63.71 3.04 0.00	70.37 3.97 0.00	70.85 5.11 0.00	89.01 7.69 0.00	96.10 8.62 0.00	124.36 11.63 0.00	389.81 37.98 0.00	788.57 78.33 0.00	630.88 61.20 0.00	611.44 56.53 0.00	207.67 18.20 0.00	139.06 11.05 0.00	100.19 6.71 0.00	92.28 4.25 0.00
DANSKAMMER___DIESEL 23592	65.04 2.17 0.00	54.37 1.93 0.00	48.72 2.15 0.00	38.52 1.66 0.00	41.81 1.67 0.00	38.52 1.43 -0.24	52.68 1.88 0.00	45.46 1.85 0.00	48.49 1.94 0.00	50.49 2.22 -0.34	63.71 3.04 0.00	70.37 3.98 0.00	70.85 5.11 0.00	89.02 7.70 0.00	96.10 8.62 0.00	124.36 11.64 0.00	389.82 37.98 0.00	788.57 78.33 0.00	631.06 61.38 0.00	611.38 56.47 0.00	207.63 18.17 0.00	139.08 11.07 0.00	100.18 6.70 0.00	92.28 4.25 0.00
DARBY___SOLAR 323810	65.76 2.89 0.00	54.81 2.37 0.00	48.90 2.33 0.00	38.59 1.73 0.00	42.01 1.87 0.00	38.17 1.62 0.30	53.12 2.32 0.00	45.51 1.91 0.00	48.12 1.58 0.00	48.91 1.41 0.43	62.60 1.92 0.00	68.96 2.57 0.00	68.61 2.87 0.00	86.05 4.73 0.00	92.95 5.47 0.00	119.81 7.08 0.00	375.20 23.48 0.11	763.78 53.83 0.28	615.35 45.67 0.00	599.53 44.63 0.00	203.51 14.05 0.00	137.77 9.76 0.00	99.90 6.43 0.00	92.95 4.92 0.00
DASHVILLE___HYD 23610	64.61 1.74 0.00	54.04 1.60 0.00	48.48 1.91 0.00	38.30 1.44 0.00	41.62 1.48 0.00	38.25 1.26 -0.14	52.38 1.58 0.00	45.11 1.50 0.00	48.13 1.58 0.00	49.94 1.80 -0.21	63.09 2.42 0.00	69.71 3.32 0.00	70.18 4.45 0.00	88.02 6.69 0.00	94.98 7.50 0.00	123.02 10.30 0.00	385.71 33.88 0.00	779.09 68.85 0.00	623.70 54.02 0.00	604.17 49.26 0.00	205.22 15.76 0.00	137.25 9.24 0.00	98.88 5.40 0.00	91.10 3.08 0.00
DELAWARE___LFGE 323621	64.53 1.66 0.00	53.94 1.50 0.00	48.15 1.58 0.00	38.08 1.22 0.00	41.43 1.29 0.00	38.03 1.18 0.00	52.38 1.58 0.00	44.82 1.21 0.00	47.83 1.29 0.00	49.36 1.43 0.00	62.54 1.87 0.00	68.89 2.49 0.00	68.89 3.15 0.00	85.77 4.45 0.00	92.15 4.66 0.00	118.66 5.93 0.00	371.14 19.24 -0.07	749.78 39.39 -0.16	600.58 30.91 0.00	585.33 30.43 0.00	199.79 10.33 0.00	134.39 6.38 0.00	97.53 4.05 0.00	90.81 2.78 0.00
DERFIELD_115KV_TB7 355931	62.98 0.11 0.00	52.57 0.13 0.00	46.80 0.22 0.00	37.01 0.15 0.00	40.30 0.16 0.00	36.99 0.14 0.00	50.98 0.18 0.00	43.71 0.10 0.00	46.59 0.04 0.00	47.95 0.02 0.00	60.73 0.06 0.00	66.62 0.23 0.00	66.21 0.47 0.00	75.89 0.92 6.35	88.49 1.01 0.00	114.06 1.34 0.00	356.05 4.22 0.00	719.12 8.89 0.00	576.99 7.31 0.00	562.12 7.21 0.00	191.87 2.41 0.00	129.53 1.52 0.00	94.34 0.86 0.00	88.41 0.39 0.00
DOGLEVILLE___HYD 23807	63.96 1.09 0.00	53.21 0.78 0.00	47.59 1.01 0.00	37.54 0.67 0.00	40.85 0.71 0.00	37.48 0.64 0.00	51.54 0.74 0.00	43.65 0.05 0.00	45.85 -0.69 0.00	46.95 -0.98 0.00	59.51 -1.17 0.00	65.74 -0.65 0.00	66.10 0.37 0.00	77.15 2.18 6.35	90.09 2.61 0.00	116.28 3.56 0.00	362.95 11.12 0.00	741.62 31.38 0.00	603.16 33.48 0.00	592.08 37.17 0.00	201.98 12.52 0.00	136.21 8.21 0.00	98.18 4.71 0.00	90.56 2.54 0.00
DUNKIRK__115KV_TB_200 55889	66.92 4.04 0.00	54.69 2.25 0.00	47.55 0.98 0.00	37.38 0.52 0.00	40.74 0.60 0.00	37.53 0.68 0.00	51.81 1.01 0.00	44.70 1.09 0.00	48.84 2.29 0.00	50.69 2.76 0.00	64.46 3.78 0.00	71.33 4.94 0.00	72.05 6.31 0.00	88.75 7.42 0.00	94.38 6.90 0.00	121.76 9.03 0.00	378.29 26.46 0.00	764.39 54.15 0.00	606.90 37.22 0.00	595.19 40.29 0.00	205.12 15.66 0.00	137.45 9.44 0.00	99.44 5.97 0.00	93.77 5.75 0.00
DUNKIRK___1 23563	66.92 4.04 0.00	54.69 2.25 0.00	47.55 0.98 0.00	37.38 0.52 0.00	40.74 0.60 0.00	37.53 0.68 0.00	51.81 1.01 0.00	44.70 1.09 0.00	48.84 2.29 0.00	50.69 2.76 0.00	64.46 3.78 0.00	71.33 4.94 0.00	72.05 6.31 0.00	88.75 7.42 0.00	94.38 6.90 0.00	121.76 9.03 0.00	378.29 26.46 0.00	764.39 54.15 0.00	606.90 37.22 0.00	595.19 40.29 0.00	205.12 15.66 0.00	137.45 9.44 0.00	99.44 5.97 0.00	93.77 5.75 0.00
DUNKIRK___2 23564	66.92 4.04 0.00	54.69 2.25 0.00	47.55 0.98 0.00	37.38 0.52 0.00	40.74 0.60 0.00	37.53 0.68 0.00	51.81 1.01 0.00	44.70 1.09 0.00	48.84 2.29 0.00	50.69 2.76 0.00	64.46 3.78 0.00	71.33 4.94 0.00	72.05 6.31 0.00	88.75 7.42 0.00	94.38 6.90 0.00	121.76 9.03 0.00	378.29 26.46 0.00	764.39 54.15 0.00	606.90 37.22 0.00	595.19 40.29 0.00	205.12 15.66 0.00	137.45 9.44 0.00	99.44 5.97 0.00	93.77 5.75 0.00
DUNKIRK___3 23565	66.48 3.61 0.00	54.38 1.94 0.00	47.29 0.72 0.00	37.15 0.28 0.00	40.51 0.36 0.00	37.30 0.46 0.00	51.48 0.68 0.00	44.41 0.80 0.00	48.51 1.96 0.00	50.36 2.43 0.00	64.03 3.35 0.00	70.82 4.42 0.00	71.56 5.83 0.00	87.99 6.67 0.00	93.62 6.14 0.00	120.69 7.97 0.00	375.03 23.20 0.00	758.15 47.91 0.00	602.10 32.42 0.00	590.43 35.53 0.00	203.48 14.01 0.00	136.37 8.37 0.00	98.78 5.31 0.00	93.17 5.15 0.00
DUNKIRK___4 23566	66.48 3.61 0.00	54.38 1.94 0.00	47.29 0.72 0.00	37.15 0.28 0.00	40.51 0.36 0.00	37.30 0.46 0.00	51.48 0.68 0.00	44.41 0.80 0.00	48.51 1.96 0.00	50.36 2.43 0.00	64.03 3.35 0.00	70.82 4.42 0.00	71.56 5.83 0.00	87.99 6.67 0.00	93.62 6.14 0.00	120.69 7.97 0.00	375.03 23.20 0.00	758.15 47.91 0.00	602.10 32.42 0.00	590.43 35.53 0.00	203.48 14.01 0.00	136.37 8.37 0.00	98.78 5.31 0.00	93.17 5.15 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	65.30 2.43 0.00	54.65 2.21 0.00	49.14 2.57 0.00	38.91 2.05 0.00	42.22 2.07 0.00	38.94 1.80 -0.30	53.08 2.28 0.00	45.87 2.27 0.00	48.93 2.38 0.00	51.06 2.70 -0.43	64.14 3.46 0.00	70.89 4.49 0.00	71.54 5.81 0.00	89.86 8.54 0.00	96.92 9.44 0.00	125.45 12.72 0.00	395.08 40.92 -2.33	799.72 83.75 -5.74	634.43 64.75 0.00	614.16 59.26 0.00	208.50 19.04 0.00	139.29 11.28 0.00	100.22 6.75 0.00	92.18 4.16 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	64.83 1.96 0.00	54.20 1.77 0.00	48.58 2.01 0.00	38.43 1.57 0.00	41.72 1.57 0.00	38.41 1.33 -0.24	52.53 1.72 0.00	45.30 1.69 0.00	48.33 1.78 0.00	50.30 2.03 -0.34	63.45 2.77 0.00	70.08 3.69 0.00	70.57 4.83 0.00	88.56 7.24 0.00	95.55 8.06 0.00	123.61 10.89 0.00	387.52 35.39 -0.30	783.86 72.88 -0.74	626.88 57.20 0.00	607.73 52.82 0.00	206.46 17.00 0.00	138.08 10.08 0.00	99.45 5.97 0.00	91.67 3.65 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	65.06 2.18 -0.01	54.80 2.36 0.00	49.24 2.67 0.00	39.13 2.26 0.00	42.32 2.18 0.00	39.06 1.92 -0.30	53.09 2.29 0.00	46.06 2.45 0.00	49.13 2.59 0.00	51.01 2.65 -0.43	63.76 3.09 0.00	70.70 4.31 0.00	71.51 5.77 0.00	89.86 8.54 0.00	96.83 9.35 0.00	125.67 12.74 -0.20	394.47 40.09 -2.54	800.24 83.85 -6.16	632.66 62.99 0.00	612.31 57.41 0.00	207.97 18.51 0.00	138.42 10.42 0.00	99.79 6.32 0.00	91.60 3.58 0.00

E179THST_13_KV_LOAD 356214	65.54 2.66 -0.01	55.19 2.75 0.00	49.57 3.00 0.00	39.38 2.51 0.00	42.59 2.44 0.00	39.31 2.17 -0.30	53.45 2.65 0.00	46.37 2.76 0.00	49.47 2.92 0.00	51.39 3.03 -0.43	64.26 3.59 0.00	71.27 4.87 0.00	72.09 6.36 0.00	90.59 9.27 0.00	97.62 10.14 0.00	126.69 13.76 -0.20	397.70 43.33 -2.54	806.94 90.54 -6.16	637.98 68.30 0.00	617.63 62.73 0.00	209.70 20.23 0.00	139.60 11.59 0.00	100.65 7.18 0.00	92.36 4.34 0.00
EAST HAMPTON___GT 23717	64.80 5.44 3.52	57.52 5.09 0.00	51.96 5.39 0.00	40.67 3.80 0.00	43.81 3.67 0.00	40.07 2.92 -0.30	53.84 3.04 0.00	45.99 2.38 0.00	47.74 2.35 1.16	42.44 2.62 8.12	65.43 5.41 0.65	70.68 6.61 2.33	75.34 9.00 -0.61	98.32 12.74 -4.25	129.36 14.56 -27.31	194.48 17.99 -63.77	410.98 47.76 -11.39	810.58 94.55 -5.79	634.72 67.59 2.54	589.16 51.24 16.98	193.98 15.11 10.60	134.19 8.31 2.13	101.60 3.93 -4.20	89.05 2.03 1.01
EAST RIVER___6 23660	65.43 2.56 0.00	54.73 2.29 0.00	49.28 2.71 0.00	39.07 2.20 0.00	42.36 2.22 0.00	39.10 1.96 -0.30	53.25 2.45 0.00	46.14 2.53 0.00	49.26 2.72 0.00	51.40 3.04 -0.43	64.37 3.70 0.00	71.13 4.73 0.00	71.85 6.11 0.00	90.20 8.88 0.00	97.23 9.75 0.00	125.87 13.15 0.00	396.79 42.63 -2.33	802.91 86.94 -5.74	636.72 67.04 0.00	615.92 61.01 0.00	209.17 19.70 0.00	139.49 11.48 0.00	100.44 6.96 0.00	92.24 4.22 0.00
EAST RIVER___7 23524	65.43 2.56 0.00	54.73 2.29 0.00	49.28 2.71 0.00	39.07 2.20 0.00	42.36 2.22 0.00	39.10 1.96 -0.30	53.25 2.45 0.00	46.14 2.53 0.00	49.26 2.72 0.00	51.40 3.04 -0.43	64.37 3.70 0.00	71.13 4.73 0.00	71.85 6.11 0.00	90.20 8.88 0.00	97.23 9.75 0.00	125.87 13.15 0.00	396.79 42.63 -2.33	802.91 86.94 -5.74	636.72 67.04 0.00	615.92 61.01 0.00	209.17 19.70 0.00	139.49 11.48 0.00	100.44 6.96 0.00	92.24 4.22 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	65.07 2.20 0.00	54.45 2.02 0.00	48.94 2.37 0.00	38.75 1.88 0.00	42.05 1.90 0.00	38.78 1.63 -0.30	52.86 2.06 0.00	45.67 2.06 0.00	48.70 2.16 0.00	50.81 2.45 -0.43	63.88 3.20 0.00	70.58 4.19 0.00	71.21 5.48 0.00	89.45 8.13 0.00	96.48 9.00 0.00	124.83 12.11 0.00	393.11 39.12 -2.16	795.69 80.13 -5.32	631.58 61.90 0.00	611.39 56.48 0.00	207.59 18.12 0.00	138.70 10.69 0.00	99.81 6.34 0.00	91.85 3.83 0.00
EAST_HAMPTON___DIESEL 23722	64.82 5.47 3.52	57.55 5.11 0.00	51.97 5.40 0.00	40.68 3.81 0.00	43.81 3.67 0.00	40.06 2.91 -0.30	53.79 2.99 0.00	45.90 2.29 0.00	47.64 2.25 1.16	42.36 2.55 8.12	65.42 5.40 0.65	70.69 6.62 2.33	75.34 9.00 -0.61	98.32 12.74 -4.25	129.32 14.52 -27.31	194.36 17.86 -63.77	410.36 47.14 -11.39	808.94 92.91 -5.79	633.20 66.07 2.54	587.77 49.85 16.98	193.51 14.64 10.60	133.86 7.98 2.13	101.34 3.66 -4.20	88.77 1.77 1.01
EAST_POINT___SOLAR 323840	67.88 5.01 0.00	56.48 4.04 0.00	50.02 3.45 0.00	39.52 2.66 0.00	43.07 2.93 0.00	39.46 2.79 0.17	54.59 3.79 0.00	45.56 1.95 0.00	47.62 1.07 0.00	48.56 0.88 0.25	61.68 1.01 0.00	67.64 1.24 0.00	67.11 1.37 0.00	82.98 1.66 0.00	89.37 1.89 0.00	114.92 2.20 0.00	360.41 8.66 0.08	732.28 22.25 0.20	599.27 29.59 0.00	600.86 45.96 0.00	207.97 18.51 0.00	140.57 12.56 0.00	101.92 8.44 0.00	95.36 7.33 0.00
EAST_PULASKI___ESR 323781	62.42 -0.45 0.00	51.94 -0.50 0.00	46.19 -0.38 0.00	36.57 -0.29 0.00	39.98 -0.17 0.00	36.74 -0.11 0.00	50.77 -0.03 0.00	43.60 -0.01 0.00	46.59 0.05 0.00	47.87 -0.06 0.00	60.41 -0.27 0.00	66.17 -0.22 0.00	65.62 -0.12 0.00	55.58 -0.19 25.55	87.28 -0.20 0.00	112.29 -0.43 0.00	349.95 -1.88 0.00	703.08 -7.15 0.00	567.27 -2.41 0.00	554.71 -0.20 0.00	190.81 1.34 0.00	129.64 1.63 0.00	94.81 1.33 0.00	88.78 0.75 0.00
EAST_RIVER___1 323558	65.49 2.63 0.00	54.78 2.34 0.00	49.31 2.74 0.00	39.10 2.23 0.00	42.40 2.26 0.00	39.13 1.99 -0.30	53.30 2.49 0.00	46.16 2.55 0.00	49.29 2.75 0.00	51.43 3.07 -0.43	64.42 3.75 0.00	71.17 4.78 0.00	71.90 6.16 0.00	90.26 8.94 0.00	97.33 9.85 0.00	125.94 13.21 0.00	397.12 42.96 -2.33	803.87 87.89 -5.74	637.29 67.62 0.00	616.51 61.61 0.00	209.34 19.88 0.00	139.68 11.67 0.00	100.54 7.06 0.00	92.32 4.30 0.00
EAST_RIVER___2 323559	65.43 2.56 0.00	54.73 2.29 0.00	49.28 2.71 0.00	39.07 2.20 0.00	42.36 2.22 0.00	39.10 1.96 -0.30	53.25 2.45 0.00	46.14 2.53 0.00	49.26 2.72 0.00	51.40 3.04 -0.43	64.37 3.70 0.00	71.13 4.73 0.00	71.85 6.11 0.00	90.20 8.88 0.00	97.23 9.75 0.00	125.87 13.15 0.00	396.79 42.63 -2.33	802.91 86.94 -5.74	636.72 67.04 0.00	615.92 61.01 0.00	209.17 19.70 0.00	139.49 11.48 0.00	100.44 6.96 0.00	92.24 4.22 0.00
EAST___DELAWARE_HYD 23607	63.91 1.04 0.00	53.38 0.94 0.00	47.77 1.20 0.00	37.77 0.90 0.00	41.00 0.85 0.00	37.75 0.71 -0.19	51.71 0.91 0.00	44.58 0.98 0.00	47.56 1.01 0.00	49.44 1.24 -0.27	62.57 1.90 0.00	68.95 2.55 0.00	69.44 3.70 0.00	85.62 4.30 0.00	92.28 4.80 0.00	119.37 6.65 0.00	375.28 23.21 -0.24	761.09 50.27 -0.58	610.22 40.55 0.00	595.62 40.72 0.00	204.68 15.21 0.00	136.68 8.67 0.00	98.32 4.84 0.00	90.52 2.50 0.00
EIGHT_POINT___WT_PWR 323820	64.65 1.78 0.00	53.46 1.02 0.00	47.02 0.45 0.00	37.23 0.36 0.00	40.83 0.69 0.00	37.62 0.78 0.00	52.06 1.26 0.00	44.68 1.07 0.00	48.19 1.64 0.00	49.63 1.70 0.00	62.70 2.03 0.00	69.25 2.85 0.00	69.97 4.24 0.00	86.57 5.25 0.00	92.29 4.81 0.00	119.17 6.44 0.00	371.74 19.91 0.00	749.11 38.88 0.00	601.19 31.51 0.00	594.17 39.26 0.00	205.53 16.07 0.00	137.57 9.56 0.00	98.93 5.46 0.00	93.03 5.01 0.00
ELBRIDGE_115KV_TB2 80188	63.05 0.18 0.00	52.36 -0.07 0.00	46.38 -0.20 0.00	36.64 -0.22 0.00	39.91 -0.23 0.00	36.67 -0.17 0.00	50.52 -0.28 0.00	43.45 -0.15 0.00	46.50 -0.04 0.00	47.86 -0.07 0.00	60.58 -0.09 0.00	66.53 0.13 0.00	66.57 0.83 0.00	75.84 1.15 6.63	88.51 1.02 0.00	114.04 1.31 0.00	355.16 3.33 0.00	712.32 2.08 0.00	571.01 1.33 0.00	558.45 3.55 0.00	191.70 2.24 0.00	129.76 1.76 0.00	94.11 0.64 0.00	88.30 0.27 0.00
ELEC_TRO_TEK 24086	73.62 2.43 -8.32	54.84 2.40 0.00	49.45 2.88 0.00	39.00 2.14 0.00	42.28 2.14 0.00	38.97 1.83 -0.30	52.92 2.12 0.00	45.77 2.16 0.00	48.31 2.03 0.27	49.68 2.48 0.74	67.22 3.66 -2.89	80.88 4.47 -10.01	87.83 6.12 -15.97	109.99 9.03 -19.64	125.55 10.17 -27.90	163.79 13.44 -37.63	410.88 42.07 -16.98	804.64 88.61 -5.79	635.71 66.60 0.57	610.18 57.88 2.60	210.10 18.78 -1.86	138.81 10.82 0.02	99.65 6.17 0.00	93.57 3.58 -1.96
ELLENBURG_WT_PWR 323604	61.30 -1.57 0.00	51.20 -1.24 0.00	45.31 -1.26 0.00	35.95 -0.91 0.00	39.38 -0.76 0.00	36.37 -0.48 0.00	50.39 -0.42 0.00	43.49 -0.12 0.00	46.62 0.07 0.00	48.08 0.15 0.00	60.69 0.02 0.00	65.59 -0.80 0.00	63.75 -1.99 0.00	76.44 -3.91 0.97	83.48 -4.00 0.00	107.52 -5.20 0.00	336.19 -15.65 0.00	684.03 -26.20 0.00	550.59 -19.09 0.00	536.32 -18.58 0.00	182.81 -6.66 0.00	123.78 -4.23 0.00	91.28 -2.19 0.00	87.46 -0.56 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	66.17 3.30 0.00	54.16 1.73 0.00	46.97 0.40 0.00	36.80 -0.07 0.00	40.13 -0.02 0.00	36.95 0.10 0.00	50.93 0.13 0.00	44.02 0.41 0.00	48.10 1.55 0.00	50.02 2.09 0.00	63.64 2.96 0.00	70.21 3.81 0.00	70.88 5.14 0.00	86.46 5.14 0.00	92.00 4.52 0.00	118.40 5.68 0.00	368.09 16.26 0.00	745.45 35.21 0.00	592.19 22.51 0.00	580.82 25.91 0.00	200.40 10.94 0.00	134.49 6.48 0.00	97.68 4.20 0.00	92.68 4.66 0.00
EMPIRE_CC_1 323656	63.03 0.16 0.00	52.69 0.25 0.00	47.14 0.58 0.00	37.30 0.43 0.00	40.55 0.40 0.00	36.62 0.23 0.45	51.18 0.37 0.00	43.76 0.15 0.00	46.32 -0.23 0.00	46.98 -0.29 0.65	60.56 -0.11 0.00	66.70 0.31 0.00	66.48 0.74 0.00	83.40 2.08 0.00	89.92 2.44 0.00	115.96 3.24 0.00	362.88 11.20 0.16	735.20 25.35 0.39	589.79 20.11 0.00	573.04 18.13 0.00	194.38 4.92 0.00	131.44 3.43 0.00	95.36 1.88 0.00	88.86 0.83 0.00
EMPIRE_CC_2 323658	63.03 0.16 0.00	52.69 0.25 0.00	47.14 0.58 0.00	37.30 0.43 0.00	40.55 0.40 0.00	36.62 0.23 0.45	51.18 0.37 0.00	43.76 0.15 0.00	46.32 -0.23 0.00	46.98 -0.29 0.65	60.56 -0.11 0.00	66.70 0.31 0.00	66.48 0.74 0.00	83.40 2.08 0.00	89.92 2.44 0.00	115.96 3.24 0.00	362.88 11.20 0.16	735.20 25.35 0.39	589.79 20.11 0.00	573.04 18.13 0.00	194.38 4.92 0.00	131.44 3.43 0.00	95.36 1.88 0.00	88.86 0.83 0.00
ENORWICH_115KV_TB1 80156	68.32 5.45 0.00	56.60 4.16 0.00	50.11 3.54 0.00	39.57 2.70 0.00	43.18 3.04 0.00	39.84 2.99 0.00	54.91 4.11 0.00	47.20 3.59 0.00	50.21 3.66 0.00	51.59 3.66 0.00	65.15 4.48 0.00	71.96 5.56 0.00	71.90 6.16 0.00	89.64 8.31 0.00	96.12 8.63 0.00	123.78 11.06 0.00	388.08 36.25 0.00	787.56 77.32 0.00	636.62 66.94 0.00	627.72 72.82 0.00	214.86 25.40 0.00	144.28 16.27 0.00	104.00 10.52 0.00	96.70 8.67 0.00
ERIE_ST__34_KV_TB1-2 80199	66.64 3.77 0.00	54.47 2.03 0.00	47.26 0.69 0.00	37.07 0.20 0.00	40.39 0.25 0.00	37.21 0.36 0.00	51.33 0.53 0.00	44.39 0.78 0.00	48.58 2.04 0.00	50.57 2.64 0.00	64.43 3.75 0.00	71.17 4.77 0.00	72.03 6.30 0.00	88.14 6.82 0.00	93.94 6.46 0.00	120.97 8.25 0.00	376.25 24.42 0.00	763.82 53.59 0.00	607.09 37.41 0.00	594.97 40.06 0.00	204.69 15.22 0.00	136.77 8.76 0.00	99.10 5.63 0.00	93.67 5.65 0.00
ERIE_WT_PWR 323693	66.49 3.62 0.00	54.40 1.96 0.00	47.19 0.63 0.00	36.98 0.12 0.00	40.33 0.19 0.00	37.14 0.30 0.00	51.26 0.46 0.00	44.27 0.67 0.00	48.36 1.82 0.00	50.29 2.36 0.00	63.98 3.31 0.00	70.65 4.25 0.00	71.35 5.62 0.00	87.25 5.93 0.00	92.83 5.35 0.00	119.49 6.77 0.00	371.43 19.60 0.00	752.40 42.16 0.00	598.44 28.76 0.00	586.35 31.45 0.00	202.30 12.84 0.00	135.74 7.73 0.00	98.41 4.93 0.00	93.24 5.22 0.00
ESPRGFLD_115KV_TB1 80157	66.60 3.73 0.00	55.54 3.10 0.00	49.22 2.65 0.00	38.92 2.06 0.00	42.41 2.27 0.00	38.94 2.20 0.10	53.89 3.09 0.00	46.06 2.46 0.00	49.26 2.71 0.00	50.69 2.91 0.15	64.22 3.54 0.00	70.48 4.08 0.00	70.04 4.30 0.00	86.50 5.18 0.00	92.62 5.14 0.00	119.16 6.43 0.00	372.29 20.46 0.00	751.06 40.83 0.00	603.58 33.90 0.00	592.58 37.67 0.00	203.52 14.06 0.00	137.26 9.25 0.00	99.68 6.21 0.00	93.44 5.42 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	65.01 2.14 0.00	53.91 1.47 0.00	47.76 1.19 0.00	37.76 0.89 0.00	41.14 1.00 0.00	37.83 0.98 0.00	52.16 1.36 0.00	44.78 1.17 0.00	47.80 1.26 0.00	49.04 1.11 0.00	61.97 1.30 0.00	68.23 1.84 0.00	68.41 2.68 0.00	85.01 3.69 0.00	91.18 3.70 0.00	117.54 4.82 0.00	366.87 15.04 0.00	739.44 29.20 0.00	595.55 25.88 0.00	584.99 30.09 0.00	200.71 11.25 0.00	135.39 7.38 0.00	97.98 4.51 0.00	91.46 3.44 0.00
ETNA_____115KV_TB2 80207	65.01 2.14 0.00	53.91 1.47 0.00	47.76 1.19 0.00	37.76 0.89 0.00	41.14 1.00 0.00	37.83 0.98 0.00	52.16 1.36 0.00	44.78 1.17 0.00	47.80 1.26 0.00	49.04 1.11 0.00	61.97 1.30 0.00	68.23 1.84 0.00	68.41 2.68 0.00	85.01 3.69 0.00	91.18 3.70 0.00	117.54 4.82 0.00	366.87 15.04 0.00	739.44 29.20 0.00	595.55 25.88 0.00	584.99 30.09 0.00	200.71 11.25 0.00	135.39 7.38 0.00	97.98 4.51 0.00	91.46 3.44 0.00
EUCLID___115KV_TB2 356179	62.56 -0.31 0.00	52.00 -0.44 0.00	46.08 -0.49 0.00	36.39 -0.48 0.00	39.63 -0.52 0.00	36.40 -0.45 0.00	50.22 -0.58 0.00	43.17 -0.44 0.00	46.21 -0.34 0.00	47.57 -0.36 0.00	60.24 -0.43 0.00	66.23 -0.16 0.00	66.10 0.36 0.00	73.19 0.66 8.79	88.07 0.59 0.00	113.49 0.76 0.00	353.70 1.87 0.00	710.17 -0.06 0.00	569.06 -0.62 0.00	555.54 0.64 0.00	190.38 0.92 0.00	128.78 0.77 0.00	93.52 0.05 0.00	87.67 -0.36 0.00
E_CANADA_CAP_HY 24051	67.09 4.22 0.00	55.94 3.51 0.00	49.48 2.90 0.00	39.13 2.26 0.00	42.67 2.52 0.00	39.10 2.42 0.15	54.24 3.44 0.00	46.14 2.53 0.00	49.03 2.48 0.00	50.18 2.48 0.22	63.64 2.97 0.00	69.64 3.24 0.00	68.87 3.14 0.00	84.79 3.46 0.00	90.91 3.43 0.00	116.85 4.13 0.00	364.92 13.15 0.07	737.81 27.74 0.17	596.22 26.54 0.00	588.78 33.88 0.00	202.85 13.39 0.00	137.38 9.37 0.00	99.95 6.47 0.00	93.99 5.97 0.00
E_CANADA_MHWK_HY 24050	63.96 1.09 0.00	53.21 0.77 0.00	47.59 1.01 0.00	37.54 0.67 0.00	40.85 0.71 0.00	37.48 0.64 0.00	51.54 0.74 0.00	43.66 0.05 0.00	45.85 -0.69 0.00	46.95 -0.98 0.00	59.50 -1.17 0.00	65.74 -0.65 0.00	66.10 0.37 0.00	77.15 2.18 6.35	90.09 2.61 0.00	116.28 3.56 0.00	362.96 11.12 0.00	741.62 31.39 0.00	603.20 33.52 0.00	592.08 37.17 0.00	201.98 12.52 0.00	136.21 8.21 0.00	98.18 4.71 0.00	90.56 2.54 0.00
E_FISHKILL___LBMP 23776	64.40 1.53 0.00	53.90 1.46 0.00	48.38 1.81 0.00	38.28 1.41 0.00	41.55 1.41 0.00	38.33 1.17 -0.31	52.29 1.49 0.00	45.08 1.47 0.00	48.02 1.47 0.00	50.03 1.66 -0.44	62.92 2.25 0.00	69.51 3.12 0.00	69.92 4.18 0.00	87.75 6.43 0.00	94.69 7.21 0.00	122.41 9.69 0.00	382.76 31.36 0.43	773.42 64.25 1.07	620.00 50.32 0.00	600.79 45.89 0.00	203.97 14.51 0.00	136.57 8.56 0.00	98.51 5.04 0.00	90.90 2.87 0.00
FALCON___SEABRD_CC1 323796	61.15 -1.72 0.00	51.14 -1.30 0.00	45.48 -1.09 0.00	36.06 -0.81 0.00	39.48 -0.67 0.00	36.34 -0.51 0.00	50.38 -0.42 0.00	43.55 -0.06 0.00	46.66 0.11 0.00	48.14 0.21 0.00	60.86 0.19 0.00	65.71 -0.68 0.00	63.79 -1.94 0.00	76.48 -3.84 1.00	83.63 -3.85 0.00	107.72 -5.00 0.00	336.49 -15.34 0.00	686.44 -23.80 0.00	552.77 -16.90 0.00	538.40 -16.51 0.00	183.25 -6.22 0.00	124.10 -3.91 0.00	91.28 -2.19 0.00	87.53 -0.49 0.00
FALCON___SEABRD_CC2 323797	61.15 -1.72 0.00	51.14 -1.30 0.00	45.48 -1.09 0.00	36.06 -0.81 0.00	39.48 -0.67 0.00	36.34 -0.51 0.00	50.38 -0.42 0.00	43.55 -0.06 0.00	46.66 0.11 0.00	48.14 0.21 0.00	60.86 0.19 0.00	65.71 -0.68 0.00	63.79 -1.94 0.00	76.48 -3.84 1.00	83.63 -3.85 0.00	107.72 -5.00 0.00	336.49 -15.34 0.00	686.44 -23.80 0.00	552.77 -16.90 0.00	538.40 -16.51 0.00	183.25 -6.22 0.00	124.10 -3.91 0.00	91.28 -2.19 0.00	87.53 -0.49 0.00

FAR ROCKAWAY___4 23548	90.28 3.71 -23.71	55.85 3.40 0.00	50.46 3.89 0.00	39.76 2.89 0.00	43.09 2.94 0.00	39.70 2.56 -0.30	53.93 3.13 0.00	46.66 3.05 0.00	49.44 3.01 0.12	53.47 3.56 -1.98	73.90 4.95 -8.28	100.61 5.51 -28.70	112.36 7.24 -39.38	139.30 10.46 -47.51	163.12 11.76 -63.88	198.56 15.55 -70.29	431.49 48.53 -31.12	818.59 102.57 -5.79	650.97 77.62 -3.68	640.77 67.87 -18.00	222.19 22.05 -10.67	143.63 12.89 -2.73	101.05 7.58 0.00	98.48 4.80 -5.66
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	65.53 2.66 0.00	54.79 2.35 0.00	49.34 2.77 0.00	39.12 2.25 0.00	42.44 2.29 0.00	39.15 2.01 -0.30	53.33 2.53 0.00	46.19 2.58 0.00	49.31 2.76 0.00	51.46 3.09 -0.43	64.44 3.77 0.00	71.20 4.80 0.00	71.94 6.20 0.00	90.34 9.01 0.00	97.40 9.92 0.00	126.01 13.29 0.00	397.35 43.18 -2.33	804.23 88.25 -5.74	637.66 67.98 0.00	617.03 62.12 0.00	209.48 20.02 0.00	139.77 11.76 0.00	100.59 7.11 0.00	92.38 4.35 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	65.57 2.71 0.00	54.84 2.40 0.00	49.37 2.79 0.00	39.15 2.28 0.00	42.45 2.30 0.00	39.18 2.03 -0.30	53.36 2.56 0.00	46.20 2.59 0.00	49.33 2.79 0.00	51.46 3.10 -0.43	64.46 3.79 0.00	71.21 4.82 0.00	71.95 6.22 0.00	90.36 9.03 0.00	97.41 9.93 0.00	126.07 13.34 0.00	397.49 43.32 -2.33	804.49 88.51 -5.74	637.99 68.31 0.00	617.17 62.26 0.00	209.57 20.10 0.00	139.87 11.86 0.00	100.66 7.18 0.00	92.43 4.41 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	65.47 2.60 0.00	54.76 2.32 0.00	49.30 2.73 0.00	39.10 2.23 0.00	42.40 2.26 0.00	39.13 1.99 -0.30	53.29 2.49 0.00	46.15 2.55 0.00	49.28 2.74 0.00	51.42 3.05 -0.43	64.38 3.71 0.00	71.12 4.73 0.00	71.86 6.12 0.00	90.23 8.90 0.00	97.27 9.79 0.00	125.89 13.16 0.00	396.85 42.68 -2.33	803.34 87.36 -5.74	636.90 67.22 0.00	616.10 61.20 0.00	209.19 19.72 0.00	139.58 11.57 0.00	100.47 6.99 0.00	92.27 4.25 0.00
FARRAGUT___LBMP 323566	65.40 2.53 0.00	54.70 2.26 0.00	49.25 2.68 0.00	39.06 2.19 0.00	42.36 2.22 0.00	39.09 1.95 -0.30	53.24 2.44 0.00	46.10 2.49 0.00	49.20 2.66 0.00	51.33 2.97 -0.43	64.30 3.62 0.00	71.02 4.63 0.00	71.76 6.02 0.00	90.10 8.78 0.00	97.14 9.66 0.00	125.69 12.97 0.00	396.41 42.24 -2.33	802.10 86.12 -5.74	636.23 66.55 0.00	615.46 60.55 0.00	208.95 19.49 0.00	139.44 11.43 0.00	100.37 6.89 0.00	92.16 4.14 0.00
FENNER___WINDPWR 24204	64.57 1.70 0.00	53.70 1.26 0.00	47.66 1.08 0.00	37.70 0.83 0.00	41.08 0.94 0.00	37.79 0.95 0.00	52.18 1.38 0.00	44.74 1.13 0.00	47.54 1.00 0.00	48.74 0.81 0.00	61.70 1.03 0.00	67.84 1.45 0.00	67.58 1.84 0.00	71.75 2.65 12.22	90.27 2.78 0.00	116.35 3.63 0.00	363.35 11.52 0.00	733.76 23.53 0.00	590.13 20.46 0.00	578.02 23.11 0.00	198.03 8.57 0.00	133.69 5.68 0.00	97.07 3.60 0.00	90.63 2.61 0.00
FIBERTEK___ENERGY 23856	62.99 0.12 0.00	52.32 -0.12 0.00	46.35 -0.22 0.00	36.63 -0.24 0.00	39.88 -0.26 0.00	36.65 -0.19 0.00	50.55 -0.25 0.00	43.47 -0.14 0.00	46.50 -0.04 0.00	47.86 -0.08 0.00	60.59 -0.09 0.00	66.63 0.24 0.00	66.57 0.83 0.00	75.14 1.21 7.40	88.64 1.15 0.00	114.19 1.47 0.00	355.80 3.96 0.00	713.42 3.18 0.00	572.24 2.56 0.00	559.33 4.43 0.00	191.89 2.43 0.00	129.88 1.88 0.00	94.20 0.73 0.00	88.25 0.23 0.00
FITZPATRICK___ 23598	61.42 -1.45 0.00	51.11 -1.33 0.00	45.33 -1.25 0.00	35.83 -1.04 0.00	39.02 -1.12 0.00	35.83 -1.01 0.00	49.40 -1.40 0.00	42.44 -1.17 0.00	45.40 -1.15 0.00	46.71 -1.22 0.00	59.07 -1.60 0.00	64.83 -1.56 0.00	64.56 -1.18 0.00	79.97 -1.35 0.00	85.93 -1.55 0.00	110.72 -2.00 0.00	344.98 -6.85 0.00	692.88 -17.36 0.00	555.25 -14.42 0.00	542.04 -12.86 0.00	185.78 -3.68 0.00	125.80 -2.21 0.00	91.51 -1.97 0.00	85.98 -2.04 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	65.25 2.38 0.00	54.54 2.10 0.00	48.87 2.30 0.00	38.64 1.78 0.00	41.94 1.80 0.00	38.63 1.54 -0.24	52.84 2.04 0.00	45.62 2.01 0.00	48.66 2.11 0.00	50.68 2.40 -0.35	63.96 3.28 0.00	70.66 4.27 0.00	71.17 5.44 0.00	89.43 8.11 0.00	96.55 9.07 0.00	124.97 12.24 0.00	391.53 39.78 0.08	792.11 82.07 0.19	634.00 64.32 0.00	614.16 59.25 0.00	208.54 19.08 0.00	139.59 11.59 0.00	100.52 7.05 0.00	92.56 4.54 0.00
FORT ORANGE___ 23900	63.03 0.16 0.00	52.70 0.26 0.00	47.12 0.55 0.00	37.24 0.37 0.00	40.48 0.34 0.00	36.81 0.18 0.22	50.93 0.13 0.00	43.40 -0.21 0.00	45.97 -0.58 0.00	46.93 -0.68 0.32	60.02 -0.66 0.00	66.07 -0.32 0.00	65.84 0.11 0.00	82.51 1.19 0.00	88.93 1.45 0.00	114.76 2.03 0.00	359.52 7.81 0.12	727.70 17.75 0.28	585.06 15.38 0.00	569.93 15.02 0.00	193.68 4.22 0.00	130.65 2.64 0.00	94.68 1.21 0.00	88.39 0.37 0.00
FORT_DRUM_COGEN 23780	63.90 1.03 0.00	53.25 0.82 0.00	47.69 1.12 0.00	37.93 1.06 0.00	41.88 1.74 0.00	38.53 1.68 0.00	53.59 2.79 0.00	45.96 2.35 0.00	48.92 2.38 0.00	50.22 2.29 0.00	63.13 2.45 0.00	68.51 2.11 0.00	66.87 1.13 0.00	-0.73 0.46 82.52	88.38 0.89 0.00	113.64 0.91 0.00	355.42 3.59 0.00	719.90 9.67 0.00	589.59 19.91 0.00	576.31 21.40 0.00	199.76 10.30 0.00	136.31 8.30 0.00	101.15 7.68 0.00	94.56 6.54 0.00
FOX_HILLS___ESR 323835	65.08 2.22 0.01	54.59 2.15 0.00	49.18 2.61 0.00	39.20 2.33 0.00	42.41 2.27 0.00	39.15 2.00 -0.30	53.12 2.32 0.00	46.21 2.61 0.00	49.33 2.78 0.00	51.36 3.00 -0.43	63.83 3.15 0.00	70.92 4.52 0.00	71.84 6.11 0.00	90.50 9.17 0.00	97.54 10.05 -0.01	126.67 13.44 -0.50	397.42 42.75 -2.83	802.88 85.90 -6.74	634.33 64.65 0.00	614.63 59.72 0.00	208.63 19.17 0.00	138.76 10.75 0.00	100.01 6.53 0.00	91.89 3.87 0.00
FPL_FAR_ROCK_GT1 24212	90.18 3.61 -23.71	55.85 3.40 0.00	50.47 3.90 0.00	39.76 2.89 0.00	43.08 2.94 0.00	39.71 2.56 -0.30	53.94 3.14 0.00	46.66 3.05 0.00	49.44 3.01 0.12	53.42 3.50 -1.98	73.86 4.90 -8.28	100.60 5.50 -28.70	112.36 7.24 -39.38	139.18 10.35 -47.51	163.11 11.75 -63.88	198.55 15.54 -70.29	431.50 48.54 -31.12	818.61 102.58 -5.79	650.45 77.09 -3.68	640.48 67.58 -18.00	222.12 21.99 -10.67	143.33 12.58 -2.73	101.05 7.58 0.00	98.48 4.80 -5.66
FPL_FAR_ROCK_GT2 23815	90.18 3.61 -23.71	55.85 3.40 0.00	50.47 3.90 0.00	39.76 2.89 0.00	43.08 2.94 0.00	39.71 2.56 -0.30	53.94 3.14 0.00	46.66 3.05 0.00	49.44 3.01 0.12	53.42 3.50 -1.98	73.86 4.90 -8.28	100.60 5.50 -28.70	112.36 7.24 -39.38	139.18 10.35 -47.51	163.11 11.75 -63.88	198.55 15.54 -70.29	431.50 48.54 -31.12	818.61 102.58 -5.79	650.45 77.09 -3.68	640.48 67.58 -18.00	222.12 21.99 -10.67	143.33 12.58 -2.73	101.05 7.58 0.00	98.48 4.80 -5.66
FRANKLIN_FALL_HYD 24054	62.38 -0.49 0.00	52.02 -0.41 0.00	45.93 -0.64 0.00	36.47 -0.39 0.00	39.92 -0.22 0.00	36.91 0.06 0.00	51.12 0.31 0.00	44.07 0.47 0.00	47.13 0.59 0.00	48.54 0.61 0.00	61.17 0.50 0.00	66.16 -0.23 0.00	64.17 -1.57 0.00	-26.79 -4.01 104.10	83.68 -3.80 0.00	107.52 -5.20 0.00	336.29 -15.55 0.00	685.15 -25.09 0.00	554.63 -15.04 0.00	540.07 -14.84 0.00	184.37 -5.09 0.00	125.12 -2.88 0.00	92.72 -0.76 0.00	88.72 0.70 0.00

FREEPORT_EQUS_GT1 23764	72.16 2.85 -6.44	55.23 2.79 0.00	49.83 3.26 0.00	39.26 2.39 0.00	42.54 2.40 0.00	39.20 2.06 -0.30	53.20 2.40 0.00	46.02 2.42 0.00	48.18 2.28 0.64	47.32 2.72 3.34	66.84 3.92 -2.24	78.80 4.64 -7.77	85.27 6.38 -13.16	106.76 9.31 -16.13	121.76 10.70 -23.57	159.80 14.20 -32.87	409.48 44.18 -13.47	809.78 93.75 -5.79	634.91 69.82 4.59	597.32 60.38 17.96	203.08 19.58 5.96	139.05 11.18 0.14	100.16 6.68 0.00	93.48 4.01 -1.45
FREEPORT___CT2 23818	72.16 2.85 -6.44	55.23 2.79 0.00	49.83 3.26 0.00	39.26 2.39 0.00	42.54 2.40 0.00	39.20 2.06 -0.30	53.20 2.40 0.00	46.02 2.42 0.00	48.18 2.28 0.64	47.32 2.72 3.34	66.84 3.92 -2.24	78.80 4.64 -7.77	85.27 6.38 -13.16	106.76 9.31 -16.13	121.76 10.70 -23.57	159.80 14.20 -32.87	409.48 44.18 -13.47	809.78 93.75 -5.79	634.91 69.82 4.59	597.32 60.38 17.96	203.08 19.58 5.96	139.05 11.18 0.14	100.16 6.68 0.00	93.48 4.01 -1.45
FRESHKLS_33_KV_LOAD 356253	65.11 2.24 0.01	54.56 2.12 0.00	49.19 2.62 0.00	39.28 2.42 0.00	42.49 2.35 0.00	39.22 2.08 -0.30	53.15 2.34 0.00	46.30 2.69 0.00	49.42 2.87 0.00	51.42 3.06 -0.43	63.86 3.18 0.00	71.00 4.60 0.00	71.93 6.20 0.00	90.64 9.32 0.00	97.69 10.20 -0.01	126.70 13.61 -0.37	397.98 43.45 -2.70	804.29 87.57 -6.48	636.32 66.64 0.00	616.57 61.66 0.00	209.55 20.08 0.00	139.33 11.32 0.00	100.15 6.68 0.00	92.03 4.01 0.00
FULTON COGEN____ 23766	62.39 -0.48 0.00	51.86 -0.58 0.00	45.98 -0.59 0.00	36.33 -0.53 0.00	39.56 -0.58 0.00	36.34 -0.50 0.00	50.15 -0.65 0.00	43.08 -0.53 0.00	46.10 -0.45 0.00	47.40 -0.53 0.00	59.93 -0.74 0.00	65.87 -0.52 0.00	65.70 -0.03 0.00	71.35 0.15 10.13	87.63 0.15 0.00	112.85 0.13 0.00	351.47 -0.36 0.00	704.02 -6.22 0.00	564.69 -4.98 0.00	551.66 -3.25 0.00	189.29 -0.17 0.00	128.39 0.38 0.00	93.23 -0.24 0.00	87.38 -0.64 0.00
FULTON___LFGE 323630	67.23 4.36 0.00	56.01 3.57 0.00	49.67 3.10 0.00	39.24 2.37 0.00	42.75 2.60 0.00	39.13 2.46 0.17	54.27 3.47 0.00	46.07 2.46 0.00	48.57 2.02 0.00	49.50 1.82 0.25	62.83 2.16 0.00	68.90 2.50 0.00	68.39 2.65 0.00	84.65 3.33 0.00	90.96 3.48 0.00	117.06 4.33 0.00	366.84 15.09 0.08	745.10 35.07 0.21	605.01 35.33 0.00	598.04 43.14 0.00	205.78 16.32 0.00	138.87 10.86 0.00	100.87 7.40 0.00	94.45 6.43 0.00
G.F.CEMENT___DRP 24184	66.69 3.82 0.00	55.49 3.05 0.00	49.47 2.90 0.00	39.03 2.16 0.00	42.49 2.35 0.00	38.63 2.05 0.27	53.79 2.99 0.00	46.15 2.54 0.00	48.77 2.22 0.00	49.60 2.05 0.39	63.39 2.71 0.00	69.96 3.56 0.00	69.47 3.74 0.00	87.28 5.95 0.00	94.46 6.98 0.00	121.64 8.92 0.00	380.26 28.54 0.11	775.87 65.91 0.27	624.75 55.07 0.00	608.60 53.69 0.00	206.52 17.06 0.00	140.04 12.03 0.00	101.53 8.05 0.00	94.34 6.32 0.00
GARDENVILLE___LBMP 24039	66.24 3.37 0.00	54.23 1.79 0.00	47.05 0.48 0.00	36.88 0.02 0.00	40.22 0.08 0.00	37.03 0.19 0.00	51.07 0.27 0.00	44.13 0.52 0.00	48.19 1.64 0.00	50.09 2.16 0.00	63.72 3.04 0.00	70.35 3.95 0.00	71.05 5.31 0.00	86.77 5.45 0.00	92.36 4.88 0.00	118.90 6.18 0.00	369.58 17.75 0.00	748.69 38.45 0.00	594.84 25.17 0.00	583.68 28.77 0.00	201.37 11.91 0.00	135.01 7.00 0.00	98.01 4.53 0.00	92.88 4.86 0.00
GARDNVLA_35_KV_LD 355827	66.58 3.71 0.00	54.46 2.03 0.00	47.24 0.67 0.00	37.02 0.15 0.00	40.36 0.22 0.00	37.16 0.32 0.00	51.27 0.46 0.00	44.31 0.70 0.00	48.44 1.89 0.00	50.39 2.46 0.00	64.14 3.46 0.00	70.82 4.42 0.00	71.59 5.85 0.00	87.47 6.15 0.00	93.14 5.65 0.00	119.92 7.19 0.00	372.85 21.01 0.00	755.79 45.56 0.00	600.49 30.81 0.00	588.68 33.77 0.00	202.95 13.48 0.00	136.03 8.02 0.00	98.68 5.20 0.00	93.46 5.43 0.00
GELCKHM___115KV_LOAD 80723	62.72 -0.15 0.00	52.11 -0.33 0.00	46.18 -0.39 0.00	36.48 -0.38 0.00	39.72 -0.42 0.00	36.49 -0.36 0.00	50.33 -0.47 0.00	43.28 -0.33 0.00	46.31 -0.23 0.00	47.66 -0.26 0.00	60.37 -0.31 0.00	66.37 -0.02 0.00	66.25 0.52 0.00	73.96 0.84 8.20	88.26 0.78 0.00	113.71 0.99 0.00	354.30 2.47 0.00	711.18 0.94 0.00	570.15 0.47 0.00	556.98 2.07 0.00	190.94 1.48 0.00	129.17 1.16 0.00	93.76 0.29 0.00	87.86 -0.16 0.00
GENERAL___MILLS 23808	66.44 3.57 0.00	54.36 1.92 0.00	47.17 0.59 0.00	36.96 0.09 0.00	40.31 0.16 0.00	37.11 0.26 0.00	51.20 0.40 0.00	44.23 0.62 0.00	48.33 1.79 0.00	50.26 2.33 0.00	63.96 3.28 0.00	70.61 4.21 0.00	71.33 5.59 0.00	87.14 5.82 0.00	92.75 5.27 0.00	119.41 6.69 0.00	371.25 19.42 0.00	752.30 42.07 0.00	597.69 28.01 0.00	586.23 31.32 0.00	202.13 12.67 0.00	135.52 7.51 0.00	98.34 4.87 0.00	93.19 5.17 0.00
GE_PLASTICS___DRP 24183	62.45 -0.42 0.00	52.25 -0.19 0.00	46.74 0.18 0.00	36.96 0.10 0.00	40.18 0.04 0.00	36.62 -0.05 0.17	50.69 -0.11 0.00	43.36 -0.25 0.00	46.02 -0.53 0.00	47.13 -0.56 0.24	60.10 -0.57 0.00	66.11 -0.28 0.00	65.95 0.21 0.00	82.46 1.14 0.00	88.84 1.36 0.00	114.50 1.77 0.00	358.06 6.34 0.11	724.05 14.10 0.28	581.07 11.40 0.00	565.09 10.18 0.00	192.07 2.61 0.00	129.57 1.57 0.00	94.10 0.63 0.00	87.89 -0.13 0.00
GILBOA___1 23756	63.60 0.73 0.00	53.52 1.08 0.00	48.13 1.56 0.00	38.06 1.19 0.00	41.39 1.25 0.00	37.97 1.07 -0.05	52.20 1.40 0.00	44.36 0.75 0.00	47.08 0.53 0.00	48.59 0.59 -0.07	61.55 0.87 0.00	67.78 1.39 0.00	67.72 1.98 0.00	84.44 3.12 0.00	90.78 3.30 0.00	116.52 3.79 0.00	364.31 12.48 0.00	736.64 26.40 0.00	590.17 20.49 0.00	573.78 18.87 0.00	195.83 6.37 0.00	131.92 3.91 0.00	96.17 2.70 0.00	89.52 1.50 0.00
GILBOA___2 23757	63.60 0.73 0.00	53.52 1.08 0.00	48.13 1.56 0.00	38.06 1.19 0.00	41.39 1.25 0.00	37.97 1.07 -0.05	52.20 1.40 0.00	44.36 0.75 0.00	47.08 0.53 0.00	48.59 0.59 -0.07	61.55 0.87 0.00	67.78 1.39 0.00	67.72 1.98 0.00	84.44 3.12 0.00	90.78 3.30 0.00	116.52 3.79 0.00	364.31 12.48 0.00	736.64 26.40 0.00	590.17 20.49 0.00	573.78 18.87 0.00	195.83 6.37 0.00	131.92 3.91 0.00	96.17 2.70 0.00	89.52 1.50 0.00
GILBOA___3 23758	63.60 0.73 0.00	53.52 1.08 0.00	48.13 1.56 0.00	38.06 1.19 0.00	41.39 1.25 0.00	37.97 1.07 -0.05	52.20 1.40 0.00	44.36 0.75 0.00	47.08 0.53 0.00	48.59 0.59 -0.07	61.55 0.87 0.00	67.78 1.39 0.00	67.72 1.98 0.00	84.44 3.12 0.00	90.78 3.30 0.00	116.52 3.79 0.00	364.31 12.48 0.00	736.64 26.40 0.00	590.17 20.49 0.00	573.78 18.87 0.00	195.83 6.37 0.00	131.92 3.91 0.00	96.17 2.70 0.00	89.52 1.50 0.00
GILBOA___4 23759	63.60 0.73 0.00	53.52 1.08 0.00	48.13 1.56 0.00	38.06 1.19 0.00	41.39 1.25 0.00	37.97 1.07 -0.05	52.20 1.40 0.00	44.36 0.75 0.00	47.08 0.53 0.00	48.59 0.59 -0.07	61.55 0.87 0.00	67.78 1.39 0.00	67.72 1.98 0.00	84.44 3.12 0.00	90.78 3.30 0.00	116.52 3.79 0.00	364.31 12.48 0.00	736.64 26.40 0.00	590.17 20.49 0.00	573.78 18.87 0.00	195.83 6.37 0.00	131.92 3.91 0.00	96.17 2.70 0.00	89.52 1.50 0.00

GILBOA____ 23599	63.61 0.74 0.00	53.52 1.08 0.00	48.13 1.56 0.00	38.06 1.19 0.00	41.39 1.25 0.00	37.97 1.07 -0.05	52.21 1.40 0.00	44.36 0.75 0.00	47.08 0.53 0.00	48.60 0.60 -0.07	61.55 0.87 0.00	67.78 1.39 0.00	67.72 1.98 0.00	84.44 3.12 0.00	90.77 3.29 0.00	116.52 3.80 0.00	364.32 12.48 0.00	736.64 26.40 0.00	590.19 20.51 0.00	573.87 18.96 0.00	195.84 6.38 0.00	131.92 3.91 0.00	96.17 2.70 0.00	89.53 1.50 0.00
GINNA____ 23603	62.78 -0.09 0.00	51.69 -0.75 0.00	45.25 -1.32 0.00	35.53 -1.34 0.00	38.70 -1.44 0.00	35.62 -1.23 0.00	49.14 -1.66 0.00	42.42 -1.19 0.00	45.92 -0.62 0.00	47.63 -0.30 0.00	60.51 -0.17 0.00	66.69 0.30 0.00	66.91 1.18 0.00	82.32 1.00 0.00	88.04 0.55 0.00	113.51 0.79 0.00	352.87 1.04 0.00	711.38 1.14 0.00	568.79 -0.89 0.00	556.65 1.74 0.00	191.24 1.78 0.00	128.79 0.78 0.00	93.11 -0.37 0.00	87.60 -0.42 0.00
GLEN PARK____ 23778	64.43 1.56 0.00	53.66 1.22 0.00	48.03 1.45 0.00	38.17 1.30 0.00	42.13 1.99 0.00	38.75 1.91 0.00	53.94 3.14 0.00	46.22 2.62 0.00	49.21 2.66 0.00	50.50 2.57 0.00	63.46 2.79 0.00	68.85 2.45 0.00	67.16 1.43 0.00	4.07 0.83 78.09	88.76 1.28 0.00	114.14 1.42 0.00	357.05 5.22 0.00	723.62 13.38 0.00	593.58 23.90 0.00	580.60 25.70 0.00	201.68 12.21 0.00	137.73 9.72 0.00	102.00 8.52 0.00	95.24 7.22 0.00
GLENDALE_27_KV_LOAD 356172	61.53 2.47 3.82	55.02 2.59 0.00	49.52 2.95 0.00	39.35 2.48 0.00	42.60 2.45 0.00	39.33 2.19 -0.30	53.54 2.74 0.00	46.48 2.87 0.00	49.68 3.13 0.00	51.69 3.33 -0.43	64.47 3.80 0.00	71.39 4.99 0.00	72.22 6.49 0.00	90.80 9.48 0.00	97.86 10.38 0.00	128.03 14.02 -1.29	399.76 44.30 -3.63	809.40 90.83 -8.33	638.46 68.78 0.00	618.33 63.42 0.00	209.91 20.45 0.00	139.74 11.73 0.00	100.65 7.18 0.00	92.32 4.30 0.00
GLENWOOD_IC_1_G5 23712	68.94 2.82 -3.25	55.05 2.61 0.00	49.58 3.01 0.00	39.16 2.29 0.00	42.47 2.33 0.00	39.15 2.00 -0.30	53.24 2.44 0.00	46.05 2.44 0.00	48.61 2.44 0.38	48.74 2.63 1.82	65.75 3.94 -1.14	75.07 4.73 -3.95	80.43 6.31 -8.38	101.18 9.29 -10.57	114.17 10.47 -16.22	153.73 13.93 -27.08	407.90 43.97 -12.10	807.40 91.37 -5.79	637.65 69.07 1.10	611.12 61.25 5.03	208.56 19.76 0.66	139.43 11.45 0.03	100.05 6.57 0.00	92.61 3.87 -0.72
GLENWOOD_IC_2_G1 23688	65.33 2.46 0.00	54.75 2.31 0.00	49.29 2.72 0.00	38.97 2.11 0.00	42.28 2.13 0.00	38.97 1.83 -0.30	53.04 2.24 0.00	45.86 2.25 0.00	48.82 2.28 0.00	50.96 2.60 -0.43	64.29 3.62 0.00	70.97 4.57 0.00	75.21 6.04 -3.43	94.17 8.80 -4.05	106.00 9.90 -8.62	144.87 13.18 -18.97	395.93 41.74 -2.35	802.54 86.51 -5.79	635.59 65.91 0.00	613.76 58.86 0.00	211.80 19.17 -3.17	139.12 11.11 0.00	100.01 6.54 0.00	91.97 3.95 0.00
GLENWOOD_IC_3_G1 23689	65.33 2.46 0.00	54.75 2.31 0.00	49.29 2.72 0.00	38.97 2.11 0.00	42.28 2.13 0.00	38.97 1.83 -0.30	53.04 2.24 0.00	45.86 2.25 0.00	48.82 2.28 0.00	50.96 2.60 -0.43	64.29 3.62 0.00	70.97 4.57 0.00	75.21 6.04 -3.43	94.17 8.80 -4.05	106.00 9.90 -8.62	144.87 13.18 -18.97	395.93 41.74 -2.35	802.54 86.51 -5.79	635.59 65.91 0.00	613.76 58.86 0.00	211.80 19.17 -3.17	139.12 11.11 0.00	100.01 6.54 0.00	91.97 3.95 0.00
GLENWOOD____4 23550	68.94 2.82 -3.25	55.05 2.61 0.00	49.58 3.01 0.00	39.16 2.29 0.00	42.47 2.33 0.00	39.15 2.00 -0.30	53.24 2.44 0.00	46.05 2.44 0.00	48.61 2.45 0.38	48.85 2.74 1.82	65.83 4.02 -1.14	75.25 4.91 -3.95	80.59 6.48 -8.38	101.39 9.51 -10.57	114.37 10.67 -16.22	154.01 14.21 -27.08	408.74 44.82 -12.10	809.05 93.03 -5.79	639.13 70.54 1.10	612.60 62.73 5.03	209.09 20.29 0.66	139.76 11.79 0.03	100.27 6.80 0.00	92.85 4.10 -0.72
GLENWOOD____5 23614	68.94 2.82 -3.25	55.05 2.61 0.00	49.58 3.01 0.00	39.16 2.29 0.00	42.47 2.33 0.00	39.15 2.00 -0.30	53.24 2.44 0.00	46.05 2.44 0.00	48.61 2.45 0.38	48.85 2.74 1.82	65.83 4.02 -1.14	75.25 4.91 -3.95	80.59 6.48 -8.38	101.39 9.51 -10.57	114.37 10.67 -16.22	154.01 14.21 -27.08	408.74 44.82 -12.10	809.05 93.03 -5.79	639.13 70.54 1.10	612.60 62.73 5.03	209.09 20.29 0.66	139.76 11.79 0.03	100.27 6.80 0.00	92.85 4.10 -0.72
GLOBAL GREEN_PORT_GT1 23814	64.52 5.16 3.52	57.28 4.84 0.00	51.74 5.17 0.00	40.54 3.67 0.00	43.73 3.59 0.00	40.05 2.91 -0.30	53.95 3.15 0.00	46.24 2.63 0.00	47.99 2.61 1.16	42.27 2.46 8.12	64.83 4.81 0.65	70.10 6.03 2.33	74.74 8.39 -0.61	97.66 12.08 -4.26	128.82 13.96 -27.37	194.19 17.57 -63.89	410.15 46.91 -11.40	810.32 94.30 -5.79	634.48 67.35 2.54	589.30 51.38 16.98	194.29 15.43 10.60	134.69 8.81 2.13	101.99 4.30 -4.21	90.15 3.14 1.01
GLOBE____DSASP 323697	64.43 1.57 0.00	52.69 0.25 0.00	45.63 -0.94 0.00	35.64 -1.22 0.00	38.85 -1.30 0.00	35.77 -1.07 0.00	49.18 -1.62 0.00	42.59 -1.02 0.00	46.56 0.01 0.00	48.43 0.50 0.00	61.60 0.92 0.00	67.84 1.45 0.00	68.38 2.64 0.00	82.87 1.55 0.00	88.13 0.64 0.00	113.39 0.67 0.00	352.11 0.28 0.00	712.42 2.18 0.00	566.03 -3.65 0.00	555.19 0.29 0.00	191.90 2.44 0.00	129.14 1.13 0.00	94.10 0.62 0.00	89.83 1.81 0.00
GOETHSLN____LBMP 323567	65.00 2.13 0.00	54.39 1.95 0.00	48.99 2.43 0.00	38.89 2.02 0.00	42.16 2.02 0.00	38.91 1.76 -0.30	52.94 2.14 0.00	45.85 2.25 0.00	48.94 2.40 0.00	51.08 2.71 -0.43	63.90 3.23 0.00	70.60 4.20 0.00	71.33 5.59 0.00	89.60 8.27 0.00	96.59 9.11 0.00	124.45 12.25 0.52	393.20 39.56 -1.81	795.84 80.90 -4.70	631.96 62.28 0.00	611.62 56.71 0.00	207.68 18.22 0.00	138.51 10.50 0.00	99.68 6.20 0.00	91.53 3.51 0.00
GOLAH____69_KV_TB 1_2 80279	66.74 3.87 0.00	54.86 2.42 0.00	47.79 1.22 0.00	37.41 0.55 0.00	40.81 0.67 0.00	37.52 0.68 0.00	51.77 0.97 0.00	44.72 1.11 0.00	48.38 1.84 0.00	50.09 2.16 0.00	63.65 2.97 0.00	70.12 3.73 0.00	70.59 4.86 0.00	86.47 5.15 0.00	92.29 4.80 0.00	119.04 6.32 0.00	369.99 18.15 0.00	747.29 37.06 0.00	596.79 27.11 0.00	586.09 31.18 0.00	202.08 12.61 0.00	135.90 7.89 0.00	98.44 4.97 0.00	92.91 4.89 0.00
GOODYEAR_LAKE_HYD 323669	65.54 2.67 0.00	54.70 2.26 0.00	48.72 2.15 0.00	38.51 1.65 0.00	41.92 1.78 0.00	38.53 1.68 0.00	53.10 2.30 0.00	45.45 1.84 0.00	48.58 2.03 0.00	50.17 2.24 0.00	63.50 2.82 0.00	69.93 3.54 0.00	69.84 4.10 0.00	86.87 5.55 0.00	93.14 5.66 0.00	119.94 7.22 0.00	374.90 23.07 0.00	757.14 46.90 0.00	606.99 37.31 0.00	592.82 37.91 0.00	202.71 13.25 0.00	136.37 8.36 0.00	98.87 5.40 0.00	92.17 4.15 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	64.15 1.28 0.00	53.19 0.75 0.00	47.20 0.63 0.00	37.35 0.48 0.00	40.68 0.54 0.00	37.38 0.53 0.00	51.51 0.71 0.00	44.18 0.57 0.00	47.45 0.90 0.00	48.90 0.97 0.00	61.89 1.22 0.00	68.29 1.89 0.00	68.65 2.91 0.00	85.49 4.17 0.00	91.62 4.14 0.00	118.13 5.41 0.00	368.72 16.88 0.00	741.75 31.51 0.00	593.46 23.78 0.00	579.91 25.01 0.00	198.46 9.00 0.00	133.64 5.63 0.00	96.90 3.42 0.00	90.24 2.22 0.00

GOUDEY___7 23579	64.15 1.28 0.00	53.19 0.75 0.00	47.20 0.63 0.00	37.35 0.48 0.00	40.68 0.54 0.00	37.38 0.53 0.00	51.51 0.71 0.00	44.18 0.57 0.00	47.45 0.90 0.00	48.90 0.97 0.00	61.89 1.22 0.00	68.29 1.89 0.00	68.65 2.91 0.00	85.49 4.17 0.00	91.62 4.14 0.00	118.13 5.41 0.00	368.72 16.88 0.00	741.75 31.51 0.00	593.46 23.78 0.00	579.91 25.01 0.00	198.46 9.00 0.00	133.64 5.63 0.00	96.90 3.42 0.00	90.24 2.22 0.00
GOUDEY___8 23580	64.15 1.28 0.00	53.19 0.75 0.00	47.20 0.63 0.00	37.35 0.48 0.00	40.68 0.54 0.00	37.38 0.53 0.00	51.51 0.71 0.00	44.18 0.57 0.00	47.45 0.90 0.00	48.90 0.97 0.00	61.89 1.22 0.00	68.29 1.89 0.00	68.65 2.91 0.00	85.49 4.17 0.00	91.62 4.14 0.00	118.13 5.41 0.00	368.72 16.88 0.00	741.75 31.51 0.00	593.46 23.78 0.00	579.91 25.01 0.00	198.46 9.00 0.00	133.64 5.63 0.00	96.90 3.42 0.00	90.24 2.22 0.00
GOWANUS_GT1_1 24077	65.23 2.36 0.01	54.77 2.33 0.00	49.32 2.75 0.00	39.23 2.36 0.00	42.45 2.31 0.00	39.19 2.04 -0.30	53.24 2.44 0.00	46.27 2.66 0.00	49.42 2.88 0.00	51.46 3.10 -0.43	64.03 3.35 0.00	71.10 4.70 0.00	71.99 6.26 0.00	90.66 9.34 0.00	97.72 10.23 -0.01	131.31 13.74 -4.85	402.20 43.19 -7.18	812.78 87.11 -15.43	634.23 64.56 0.00	614.17 59.26 0.00	208.49 19.02 0.00	138.74 10.73 0.00	100.27 6.80 0.00	92.06 4.04 0.00
GOWANUS_GT1_2 24078	65.23 2.36 0.01	54.77 2.33 0.00	49.32 2.75 0.00	39.23 2.36 0.00	42.45 2.31 0.00	39.19 2.04 -0.30	53.24 2.44 0.00	46.27 2.66 0.00	49.42 2.88 0.00	51.46 3.10 -0.43	64.03 3.35 0.00	71.10 4.70 0.00	71.99 6.26 0.00	90.66 9.34 0.00	97.72 10.23 -0.01	131.31 13.74 -4.85	402.20 43.19 -7.18	812.78 87.11 -15.43	634.23 64.56 0.00	614.17 59.26 0.00	208.49 19.02 0.00	138.74 10.73 0.00	100.27 6.80 0.00	92.06 4.04 0.00
GOWANUS_GT1_3 24079	65.23 2.36 0.01	54.77 2.33 0.00	49.32 2.75 0.00	39.23 2.36 0.00	42.45 2.31 0.00	39.19 2.04 -0.30	53.24 2.44 0.00	46.27 2.66 0.00	49.42 2.88 0.00	51.46 3.10 -0.43	64.03 3.35 0.00	71.10 4.70 0.00	71.99 6.26 0.00	90.66 9.34 0.00	97.72 10.23 -0.01	131.31 13.74 -4.85	402.20 43.19 -7.18	812.78 87.11 -15.43	634.23 64.56 0.00	614.17 59.26 0.00	208.49 19.02 0.00	138.74 10.73 0.00	100.27 6.80 0.00	92.06 4.04 0.00
GOWANUS_GT1_4 24080	65.23 2.36 0.01	54.77 2.33 0.00	49.32 2.75 0.00	39.23 2.36 0.00	42.45 2.31 0.00	39.19 2.04 -0.30	53.24 2.44 0.00	46.27 2.66 0.00	49.42 2.88 0.00	51.46 3.10 -0.43	64.03 3.35 0.00	71.10 4.70 0.00	71.99 6.26 0.00	90.66 9.34 0.00	97.72 10.23 -0.01	131.31 13.74 -4.85	402.20 43.19 -7.18	812.78 87.11 -15.43	634.23 64.56 0.00	614.17 59.26 0.00	208.49 19.02 0.00	138.74 10.73 0.00	100.27 6.80 0.00	92.06 4.04 0.00
GOWANUS_GT1_5 24084	65.23 2.36 0.01	54.77 2.33 0.00	49.32 2.75 0.00	39.23 2.36 0.00	42.45 2.31 0.00	39.19 2.04 -0.30	53.24 2.44 0.00	46.27 2.66 0.00	49.42 2.88 0.00	51.46 3.10 -0.43	64.03 3.35 0.00	71.10 4.70 0.00	71.99 6.26 0.00	90.66 9.34 0.00	97.72 10.23 -0.01	131.31 13.74 -4.85	402.20 43.19 -7.18	812.78 87.11 -15.43	634.23 64.56 0.00	614.17 59.26 0.00	208.49 19.02 0.00	138.74 10.73 0.00	100.27 6.80 0.00	92.06 4.04 0.00
GOWANUS_GT1_6 24111	65.23 2.36 0.01	54.77 2.33 0.00	49.32 2.75 0.00	39.23 2.36 0.00	42.45 2.31 0.00	39.19 2.04 -0.30	53.24 2.44 0.00	46.27 2.66 0.00	49.42 2.88 0.00	51.46 3.10 -0.43	64.03 3.35 0.00	71.10 4.70 0.00	71.99 6.26 0.00	90.66 9.34 0.00	97.72 10.23 -0.01	131.31 13.74 -4.85	402.20 43.19 -7.18	812.78 87.11 -15.43	634.23 64.56 0.00	614.17 59.26 0.00	208.49 19.02 0.00	138.74 10.73 0.00	100.27 6.80 0.00	92.06 4.04 0.00
GOWANUS_GT1_7 24112	65.23 2.36 0.01	54.77 2.33 0.00	49.32 2.75 0.00	39.23 2.36 0.00	42.45 2.31 0.00	39.19 2.04 -0.30	53.24 2.44 0.00	46.27 2.66 0.00	49.42 2.88 0.00	51.46 3.10 -0.43	64.03 3.35 0.00	71.10 4.70 0.00	71.99 6.26 0.00	90.66 9.34 0.00	97.72 10.23 -0.01	131.31 13.74 -4.85	402.20 43.19 -7.18	812.78 87.11 -15.43	634.23 64.56 0.00	614.17 59.26 0.00	208.49 19.02 0.00	138.74 10.73 0.00	100.27 6.80 0.00	92.06 4.04 0.00
GOWANUS_GT1_8 24113	65.23 2.36 0.01	54.77 2.33 0.00	49.32 2.75 0.00	39.23 2.36 0.00	42.45 2.31 0.00	39.19 2.04 -0.30	53.24 2.44 0.00	46.27 2.66 0.00	49.42 2.88 0.00	51.46 3.10 -0.43	64.03 3.35 0.00	71.10 4.70 0.00	71.99 6.26 0.00	90.66 9.34 0.00	97.72 10.23 -0.01	131.31 13.74 -4.85	402.20 43.19 -7.18	812.78 87.11 -15.43	634.23 64.56 0.00	614.17 59.26 0.00	208.49 19.02 0.00	138.74 10.73 0.00	100.27 6.80 0.00	92.06 4.04 0.00
GOWANUS_GT2_1 24114	65.18 2.32 0.01	54.77 2.33 0.00	49.32 2.75 0.00	39.23 2.36 0.00	42.45 2.30 0.00	39.19 2.04 -0.30	53.24 2.44 0.00	46.28 2.67 0.00	49.42 2.88 0.00	51.47 3.11 -0.43	64.03 3.36 0.00	71.10 4.71 0.00	71.99 6.26 0.00	90.66 9.33 0.00	97.72 10.23 -0.01	127.28 13.76 -0.80	398.25 43.28 -3.13	804.67 87.10 -7.34	634.08 64.40 0.00	614.31 59.41 0.00	208.49 19.02 0.00	138.73 10.72 0.00	100.26 6.78 0.00	92.05 4.02 0.00
GOWANUS_GT2_2 24115	65.18 2.32 0.01	54.77 2.33 0.00	49.32 2.75 0.00	39.23 2.36 0.00	42.45 2.30 0.00	39.19 2.04 -0.30	53.24 2.44 0.00	46.28 2.67 0.00	49.42 2.88 0.00	51.47 3.11 -0.43	64.03 3.36 0.00	71.10 4.71 0.00	71.99 6.26 0.00	90.66 9.33 0.00	97.72 10.23 -0.01	127.28 13.76 -0.80	398.25 43.28 -3.13	804.67 87.10 -7.34	634.08 64.40 0.00	614.31 59.41 0.00	208.49 19.02 0.00	138.73 10.72 0.00	100.26 6.78 0.00	92.05 4.02 0.00
GOWANUS_GT2_3 24116	65.18 2.32 0.01	54.77 2.33 0.00	49.32 2.75 0.00	39.23 2.36 0.00	42.45 2.30 0.00	39.19 2.04 -0.30	53.24 2.44 0.00	46.28 2.67 0.00	49.42 2.88 0.00	51.47 3.11 -0.43	64.03 3.36 0.00	71.10 4.71 0.00	71.99 6.26 0.00	90.66 9.33 0.00	97.72 10.23 -0.01	127.28 13.76 -0.80	398.25 43.28 -3.13	804.67 87.10 -7.34	634.08 64.40 0.00	614.31 59.41 0.00	208.49 19.02 0.00	138.73 10.72 0.00	100.26 6.78 0.00	92.05 4.02 0.00
GOWANUS_GT2_4 24117	65.18 2.32 0.01	54.77 2.33 0.00	49.32 2.75 0.00	39.23 2.36 0.00	42.45 2.30 0.00	39.19 2.04 -0.30	53.24 2.44 0.00	46.28 2.67 0.00	49.42 2.88 0.00	51.47 3.11 -0.43	64.03 3.36 0.00	71.10 4.71 0.00	71.99 6.26 0.00	90.66 9.33 0.00	97.72 10.23 -0.01	127.28 13.76 -0.80	398.25 43.28 -3.13	804.67 87.10 -7.34	634.08 64.40 0.00	614.31 59.41 0.00	208.49 19.02 0.00	138.73 10.72 0.00	100.26 6.78 0.00	92.05 4.02 0.00
GOWANUS_GT2_5 24118	65.18 2.32 0.01	54.77 2.33 0.00	49.32 2.75 0.00	39.23 2.36 0.00	42.45 2.30 0.00	39.19 2.04 -0.30	53.24 2.44 0.00	46.28 2.67 0.00	49.42 2.88 0.00	51.47 3.11 -0.43	64.03 3.36 0.00	71.10 4.71 0.00	71.99 6.26 0.00	90.66 9.33 0.00	97.72 10.23 -0.01	127.28 13.76 -0.80	398.25 43.28 -3.13	804.67 87.10 -7.34	634.08 64.40 0.00	614.31 59.41 0.00	208.49 19.02 0.00	138.73 10.72 0.00	100.26 6.78 0.00	92.05 4.02 0.00

GOWANUS_GT2_6 24119	65.18	54.77	49.32	39.23	42.45	39.19	53.24	46.28	49.42	51.47	64.03	71.10	71.99	90.66	97.72	127.28	398.25	804.67	634.08	614.31	208.49	138.73	100.26	92.05
	2.32	2.33	2.75	2.36	2.30	2.04	2.44	2.67	2.88	3.11	3.36	4.71	6.26	9.33	10.23	13.76	43.28	87.10	64.40	59.41	19.02	10.72	6.78	4.02
	0.01	0.00	0.00	0.00	0.00	-0.30	0.00	0.00	0.00	-0.43	0.00	0.00	0.00	0.00	-0.01	-0.80	-3.13	-7.34	0.00	0.00	0.00	0.00	0.00	0.00
GOWANUS_GT2_7 24120	65.18	54.77	49.32	39.23	42.45	39.19	53.24	46.28	49.42	51.47	64.03	71.10	71.99	90.66	97.72	127.28	398.25	804.67	634.08	614.31	208.49	138.73	100.26	92.05
	2.32	2.33	2.75	2.36	2.30	2.04	2.44	2.67	2.88	3.11	3.36	4.71	6.26	9.33	10.23	13.76	43.28	87.10	64.40	59.41	19.02	10.72	6.78	4.02
	0.01	0.00	0.00	0.00	0.00	-0.30	0.00	0.00	0.00	-0.43	0.00	0.00	0.00	0.00	-0.01	-0.80	-3.13	-7.34	0.00	0.00	0.00	0.00	0.00	0.00
GOWANUS_GT2_8 24121	65.18	54.77	49.32	39.23	42.45	39.19	53.24	46.28	49.42	51.47	64.03	71.10	71.99	90.66	97.72	127.28	398.25	804.67	634.08	614.31	208.49	138.73	100.26	92.05
	2.32	2.33	2.75	2.36	2.30	2.04	2.44	2.67	2.88	3.11	3.36	4.71	6.26	9.33	10.23	13.76	43.28	87.10	64.40	59.41	19.02	10.72	6.78	4.02
	0.01	0.00	0.00	0.00	0.00	-0.30	0.00	0.00	0.00	-0.43	0.00	0.00	0.00	0.00	-0.01	-0.80	-3.13	-7.34	0.00	0.00	0.00	0.00	0.00	0.00
GOWANUS_GT3_1 24122	65.18	54.77	49.32	39.23	42.45	39.19	53.24	46.28	49.42	51.47	64.02	71.10	71.99	90.66	97.72	131.33	402.29	812.83	634.27	614.36	208.53	138.75	100.27	92.05
	2.32	2.33	2.75	2.36	2.30	2.04	2.44	2.67	2.88	3.11	3.35	4.71	6.26	9.33	10.23	13.76	43.28	87.16	64.59	59.45	19.07	10.74	6.79	4.02
	0.01	0.00	0.00	0.00	0.00	-0.30	0.00	0.00	0.00	-0.43	0.00	0.00	0.00	0.00	-0.01	-4.85	-7.18	-15.43	0.00	0.00	0.00	0.00	0.00	0.00
GOWANUS_GT3_2 24123	65.18	54.77	49.32	39.23	42.45	39.19	53.24	46.28	49.42	51.47	64.02	71.10	71.99	90.66	97.72	131.33	402.29	812.83	634.27	614.36	208.53	138.75	100.27	92.05
	2.32	2.33	2.75	2.36	2.30	2.04	2.44	2.67	2.88	3.11	3.35	4.71	6.26	9.33	10.23	13.76	43.28	87.16	64.59	59.45	19.07	10.74	6.79	4.02
	0.01	0.00	0.00	0.00	0.00	-0.30	0.00	0.00	0.00	-0.43	0.00	0.00	0.00	0.00	-0.01	-4.85	-7.18	-15.43	0.00	0.00	0.00	0.00	0.00	0.00
GOWANUS_GT3_3 24124	65.18	54.77	49.32	39.23	42.45	39.19	53.24	46.28	49.42	51.47	64.02	71.10	71.99	90.66	97.72	131.33	402.29	812.83	634.27	614.36	208.53	138.75	100.27	92.05
	2.32	2.33	2.75	2.36	2.30	2.04	2.44	2.67	2.88	3.11	3.35	4.71	6.26	9.33	10.23	13.76	43.28	87.16	64.59	59.45	19.07	10.74	6.79	4.02
	0.01	0.00	0.00	0.00	0.00	-0.30	0.00	0.00	0.00	-0.43	0.00	0.00	0.00	0.00	-0.01	-4.85	-7.18	-15.43	0.00	0.00	0.00	0.00	0.00	0.00
GOWANUS_GT3_4 24125	65.18	54.77	49.32	39.23	42.45	39.19	53.24	46.28	49.42	51.47	64.02	71.10	71.99	90.66	97.72	131.33	402.29	812.83	634.27	614.36	208.53	138.75	100.27	92.05
	2.32	2.33	2.75	2.36	2.30	2.04	2.44	2.67	2.88	3.11	3.35	4.71	6.26	9.33	10.23	13.76	43.28	87.16	64.59	59.45	19.07	10.74	6.79	4.02
	0.01	0.00	0.00	0.00	0.00	-0.30	0.00	0.00	0.00	-0.43	0.00	0.00	0.00	0.00	-0.01	-4.85	-7.18	-15.43	0.00	0.00	0.00	0.00	0.00	0.00
GOWANUS_GT3_5 24126	65.18	54.77	49.32	39.23	42.45	39.19	53.24	46.28	49.42	51.47	64.02	71.10	71.99	90.66	97.72	131.33	402.29	812.83	634.27	614.36	208.53	138.75	100.27	92.05
	2.32	2.33	2.75	2.36	2.30	2.04	2.44	2.67	2.88	3.11	3.35	4.71	6.26	9.33	10.23	13.76	43.28	87.16	64.59	59.45	19.07	10.74	6.79	4.02
	0.01	0.00	0.00	0.00	0.00	-0.30	0.00	0.00	0.00	-0.43	0.00	0.00	0.00	0.00	-0.01	-4.85	-7.18	-15.43	0.00	0.00	0.00	0.00	0.00	0.00
GOWANUS_GT3_6 24127	65.18	54.77	49.32	39.23	42.45	39.19	53.24	46.28	49.42	51.47	64.02	71.10	71.99	90.66	97.72	131.33	402.29	812.83	634.27	614.36	208.53	138.75	100.27	92.05
	2.32	2.33	2.75	2.36	2.30	2.04	2.44	2.67	2.88	3.11	3.35	4.71	6.26	9.33	10.23	13.76	43.28	87.16	64.59	59.45	19.07	10.74	6.79	4.02
	0.01	0.00	0.00	0.00	0.00	-0.30	0.00	0.00	0.00	-0.43	0.00	0.00	0.00	0.00	-0.01	-4.85	-7.18	-15.43	0.00	0.00	0.00	0.00	0.00	0.00
GOWANUS_GT3_7 24128	65.18	54.77	49.32	39.23	42.45	39.19	53.24	46.28	49.42	51.47	64.02	71.10	71.99	90.66	97.72	131.33	402.29	812.83	634.27	614.36	208.53	138.75	100.27	92.05
	2.32	2.33	2.75	2.36	2.30	2.04	2.44	2.67	2.88	3.11	3.35	4.71	6.26	9.33	10.23	13.76	43.28	87.16	64.59	59.45	19.07	10.74	6.79	4.02
	0.01	0.00	0.00	0.00	0.00	-0.30	0.00	0.00	0.00	-0.43	0.00	0.00	0.00	0.00	-0.01	-4.85	-7.18	-15.43	0.00	0.00	0.00	0.00	0.00	0.00
GOWANUS_GT3_8 24129	65.18	54.77	49.32	39.23	42.45	39.19	53.24	46.28	49.42	51.47	64.02	71.10	71.99	90.66	97.72	131.33	402.29	812.83	634.27	614.36	208.53	138.75	100.27	92.05
	2.32	2.33	2.75	2.36	2.30	2.04	2.44	2.67	2.88	3.11	3.35	4.71	6.26	9.33	10.23	13.76	43.28	87.16	64.59	59.45	19.07	10.74	6.79	4.02
	0.01	0.00	0.00	0.00	0.00	-0.30	0.00	0.00	0.00	-0.43	0.00	0.00	0.00	0.00	-0.01	-4.85	-7.18	-15.43	0.00	0.00	0.00	0.00	0.00	0.00
GOWANUS_GT4_1 24130	65.23	54.77	49.32	39.23	42.45	39.19	53.24	46.27	49.42	51.46	64.04	71.10	71.99	90.66	97.72	127.26	398.15	804.63	634.04	614.07	208.45	138.71	100.26	92.06
	2.36	2.33	2.75	2.36	2.31	2.04	2.44	2.66	2.88	3.10	3.36	4.70	6.26	9.34	10.23	13.74	43.19	87.05	64.37	59.17	18.99	10.70	6.79	4.04
	0.01	0.00	0.00	0.00	0.00	-0.30	0.00	0.00	0.00	-0.43	0.00	0.00	0.00	0.00	-0.01	-0.80	-3.13	-7.34	0.00	0.00	0.00	0.00	0.00	0.00
GOWANUS_GT4_2 24131	65.23	54.77	49.32	39.23	42.45	39.19	53.24	46.27	49.42	51.46	64.04	71.10	71.99	90.66	97.72	127.26	398.15	804.63	634.04	614.07	208.45	138.71	100.26	92.06
	2.36	2.33	2.75	2.36	2.31	2.04	2.44	2.66	2.88	3.10	3.36	4.70	6.26	9.34	10.23	13.74	43.19	87.05	64.37	59.17	18.99	10.70	6.79	4.04
	0.01	0.00	0.00	0.00	0.00	-0.30	0.00	0.00	0.00	-0.43	0.00	0.00	0.00	0.00	-0.01	-0.80	-3.13	-7.34	0.00	0.00	0.00	0.00	0.00	0.00
GOWANUS_GT4_3 24132	65.23	54.77	49.32	39.23	42.45	39.19	53.24	46.27	49.42	51.46	64.04	71.10	71.99	90.66	97.72	127.26	398.15	804.63	634.04	614.07	208.45	138.71	100.26	92.06
	2.36	2.33	2.75	2.36	2.31	2.04	2.44	2.66	2.88	3.10	3.36	4.70	6.26	9.34	10.23	13.74	43.19	87.05	64.37	59.17	18.99	10.70	6.79	4.04
	0.01	0.00	0.00	0.00	0.00	-0.30	0.00	0.00	0.00	-0.43	0.00	0.00	0.00	0.00	-0.01	-0.80	-3.13	-7.34	0.00	0.00	0.00	0.00	0.00	0.00
GOWANUS_GT4_4 24133	65.23	54.77	49.32	39.23	42.45	39.19	53.24	46.27	49.42	51.46	64.04	71.10	71.99	90.66	97.72	127.26	398.15	804.63	634.04	614.07	208.45	138.71	100.26	92.06
	2.36	2.33	2.75	2.36	2.31	2.04	2.44	2.66	2.88	3.10	3.36	4.70	6.26	9.34	10.23	13.74	43.19	87.05	64.37	59.17	18.99	10.70	6.79	4.04
	0.01	0.00	0.00	0.00	0.00	-0.30	0.00	0.00	0.00	-0.43	0.00	0.00	0.00	0.00	-0.01	-0.80	-3.13	-7.34	0.00	0.00	0.00	0.00	0.00	0.00

GOWANUS_GT4_5 24134	65.23 2.36 0.01	54.77 2.33 0.00	49.32 2.75 0.00	39.23 2.36 0.00	42.45 2.31 0.00	39.19 2.04 -0.30	53.24 2.44 0.00	46.27 2.66 0.00	49.42 2.88 0.00	51.46 3.10 -0.43	64.04 3.36 0.00	71.10 4.70 0.00	71.99 6.26 0.00	90.66 9.34 0.00	97.72 10.23 -0.01	127.26 13.74 -0.80	398.15 43.19 -3.13	804.63 87.05 -7.34	634.04 64.37 0.00	614.07 59.17 0.00	208.45 18.99 0.00	138.71 10.70 0.00	100.26 6.79 0.00	92.06 4.04 0.00
GOWANUS_GT4_6 24135	65.23 2.36 0.01	54.77 2.33 0.00	49.32 2.75 0.00	39.23 2.36 0.00	42.45 2.31 0.00	39.19 2.04 -0.30	53.24 2.44 0.00	46.27 2.66 0.00	49.42 2.88 0.00	51.46 3.10 -0.43	64.04 3.36 0.00	71.10 4.70 0.00	71.99 6.26 0.00	90.66 9.34 0.00	97.72 10.23 -0.01	127.26 13.74 -0.80	398.15 43.19 -3.13	804.63 87.05 -7.34	634.04 64.37 0.00	614.07 59.17 0.00	208.45 18.99 0.00	138.71 10.70 0.00	100.26 6.79 0.00	92.06 4.04 0.00
GOWANUS_GT4_7 24136	65.23 2.36 0.01	54.77 2.33 0.00	49.32 2.75 0.00	39.23 2.36 0.00	42.45 2.31 0.00	39.19 2.04 -0.30	53.24 2.44 0.00	46.27 2.66 0.00	49.42 2.88 0.00	51.46 3.10 -0.43	64.04 3.36 0.00	71.10 4.70 0.00	71.99 6.26 0.00	90.66 9.34 0.00	97.72 10.23 -0.01	127.26 13.74 -0.80	398.15 43.19 -3.13	804.63 87.05 -7.34	634.04 64.37 0.00	614.07 59.17 0.00	208.45 18.99 0.00	138.71 10.70 0.00	100.26 6.79 0.00	92.06 4.04 0.00
GOWANUS_GT4_8 24137	65.23 2.36 0.01	54.77 2.33 0.00	49.32 2.75 0.00	39.23 2.36 0.00	42.45 2.31 0.00	39.19 2.04 -0.30	53.24 2.44 0.00	46.27 2.66 0.00	49.42 2.88 0.00	51.46 3.10 -0.43	64.04 3.36 0.00	71.10 4.70 0.00	71.99 6.26 0.00	90.66 9.34 0.00	97.72 10.23 -0.01	127.26 13.74 -0.80	398.15 43.19 -3.13	804.63 87.05 -7.34	634.04 64.37 0.00	614.07 59.17 0.00	208.45 18.99 0.00	138.71 10.70 0.00	100.26 6.79 0.00	92.06 4.04 0.00
GREATVRV_69_KV_BK1 356245	63.19 3.25 2.93	55.73 3.29 0.00	50.46 3.88 0.00	39.68 2.82 0.00	42.98 2.84 0.00	39.59 2.44 -0.30	53.63 2.82 0.00	46.37 2.76 0.00	47.92 2.50 1.13	43.29 3.17 7.81	65.14 4.96 0.49	70.63 6.00 1.77	74.99 7.94 -1.31	103.85 11.36 -11.16	123.72 12.91 -23.33	180.17 16.72 -50.72	411.78 50.10 -9.85	821.67 105.64 -5.79	646.64 79.38 2.42	605.71 67.00 16.20	201.28 21.85 10.03	138.88 12.89 2.02	116.60 7.71 -15.41	92.00 4.84 0.86
GREENBSH_115KV_TB3 55895	62.62 -0.25 0.00	52.36 -0.08 0.00	46.83 0.26 0.00	37.02 0.15 0.00	40.24 0.10 0.00	36.60 -0.01 0.23	50.77 -0.03 0.00	43.41 -0.19 0.00	46.06 -0.48 0.00	47.08 -0.52 0.34	60.25 -0.43 0.00	66.33 -0.06 0.00	66.15 0.42 0.00	82.83 1.51 0.00	89.25 1.77 0.00	115.10 2.38 0.00	360.26 8.55 0.12	729.25 19.31 0.29	585.35 15.67 0.00	568.97 14.07 0.00	193.24 3.78 0.00	130.40 2.39 0.00	94.58 1.11 0.00	88.25 0.23 0.00
GREENDGE_115KV_TB5 80291	65.03 2.16 0.00	53.63 1.19 0.00	47.32 0.74 0.00	37.54 0.67 0.00	40.93 0.79 0.00	37.70 0.85 0.00	51.75 0.95 0.00	44.73 1.13 0.00	47.91 1.36 0.00	49.24 1.31 0.00	62.20 1.53 0.00	68.70 2.30 0.00	69.28 3.54 0.00	85.91 4.59 0.00	91.41 3.93 0.00	118.00 5.28 0.00	366.44 14.61 0.00	732.91 22.68 0.00	591.47 21.79 0.00	583.04 28.13 0.00	201.49 12.03 0.00	135.71 7.70 0.00	97.16 3.69 0.00	90.93 2.91 0.00
GREENIDGE___3 23582	65.03 2.16 0.00	53.63 1.19 0.00	47.32 0.74 0.00	37.54 0.67 0.00	40.93 0.79 0.00	37.70 0.85 0.00	51.75 0.95 0.00	44.73 1.13 0.00	47.91 1.36 0.00	49.24 1.31 0.00	62.20 1.53 0.00	68.70 2.30 0.00	69.28 3.54 0.00	85.91 4.59 0.00	91.41 3.93 0.00	118.00 5.28 0.00	366.44 14.61 0.00	732.91 22.68 0.00	591.47 21.79 0.00	583.04 28.13 0.00	201.49 12.03 0.00	135.71 7.70 0.00	97.16 3.69 0.00	90.93 2.91 0.00
GREENIDGE___4 23583	65.03 2.16 0.00	53.63 1.19 0.00	47.32 0.75 0.00	37.54 0.67 0.00	40.94 0.79 0.00	37.70 0.85 0.00	51.74 0.94 0.00	44.72 1.11 0.00	47.91 1.36 0.00	49.27 1.34 0.00	62.20 1.53 0.00	68.70 2.31 0.00	69.27 3.54 0.00	85.93 4.61 0.00	91.41 3.93 0.00	118.01 5.28 0.00	366.47 14.64 0.00	732.96 22.72 0.00	591.81 22.13 0.00	583.12 28.21 0.00	201.49 12.03 0.00	135.76 7.75 0.00	97.15 3.68 0.00	90.95 2.93 0.00
GREENLWN_69_KV_BK 3 55738	60.86 1.18 3.18	54.29 1.85 0.00	49.34 2.77 0.00	38.86 1.99 0.00	42.12 1.97 0.00	38.78 1.64 -0.30	52.52 1.72 0.00	45.25 1.64 0.00	46.59 1.18 1.13	41.63 1.61 7.91	62.82 2.70 0.56	67.64 3.38 2.14	71.93 5.19 -1.00	88.60 7.96 0.68	76.91 9.26 19.83	89.06 12.43 36.09	387.04 37.57 2.36	797.17 81.14 -5.79	626.91 59.72 2.49	587.57 49.28 16.62	195.22 16.00 10.25	134.61 8.69 2.09	95.24 4.37 2.61	88.93 1.83 0.93
GREENWD_138_KV_38B11_REV_LBMP_J 345004	65.23 2.36 0.01	54.77 2.33 0.00	49.32 2.75 0.00	39.23 2.36 0.00	42.45 2.31 0.00	39.19 2.04 -0.30	53.24 2.44 0.00	46.27 2.66 0.00	49.42 2.88 0.00	51.46 3.10 -0.43	64.04 3.36 0.00	71.10 4.70 0.00	71.99 6.26 0.00	90.66 9.34 0.00	97.72 10.23 -0.01	127.26 13.74 -0.80	398.15 43.19 -3.13	804.69 87.11 -7.34	634.28 64.60 0.00	614.44 59.54 0.00	208.56 19.10 0.00	138.75 10.74 0.00	100.27 6.80 0.00	92.06 4.04 0.00
GRISSOM___SOLAR 323813	66.97 4.09 0.00	55.80 3.36 0.00	49.54 2.96 0.00	39.14 2.28 0.00	42.63 2.49 0.00	39.00 2.33 0.18	54.09 3.29 0.00	45.97 2.36 0.00	48.44 1.90 0.00	49.35 1.68 0.26	62.69 2.02 0.00	68.77 2.37 0.00	68.33 2.59 0.00	84.69 3.37 0.00	91.08 3.60 0.00	117.21 4.48 0.00	367.28 15.54 0.09	746.33 36.31 0.21	605.91 36.23 0.00	597.25 42.35 0.00	205.25 15.78 0.00	138.37 10.36 0.00	100.57 7.10 0.00	94.13 6.10 0.00
GROVEVILLE___HYD 323602	65.25 2.38 0.00	54.54 2.10 0.00	48.87 2.30 0.00	38.64 1.78 0.00	41.94 1.80 0.00	38.63 1.54 -0.24	52.84 2.04 0.00	45.62 2.01 0.00	48.66 2.11 0.00	50.68 2.40 -0.35	63.96 3.28 0.00	70.66 4.27 0.00	71.17 5.44 0.00	89.43 8.11 0.00	96.55 9.07 0.00	124.97 12.24 0.00	391.53 39.78 0.08	792.11 82.07 0.19	634.00 64.32 0.00	614.16 59.25 0.00	208.54 19.08 0.00	139.59 11.59 0.00	100.52 7.05 0.00	92.56 4.54 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	62.99 0.12 0.00	52.32 -0.12 0.00	46.35 -0.22 0.00	36.63 -0.24 0.00	39.88 -0.26 0.00	36.65 -0.19 0.00	50.55 -0.25 0.00	43.47 -0.14 0.00	46.50 -0.04 0.00	47.86 -0.08 0.00	60.59 -0.09 0.00	66.63 0.24 0.00	66.57 0.83 0.00	75.14 1.21 7.40	88.64 1.15 0.00	114.19 1.47 0.00	355.80 3.96 0.00	713.42 3.18 0.00	572.24 2.56 0.00	559.33 4.43 0.00	191.89 2.43 0.00	129.88 1.88 0.00	94.20 0.73 0.00	88.25 0.23 0.00
HAMLTNNY_34_KV_TB 80303	64.19 1.31 0.00	53.20 0.76 0.00	47.01 0.43 0.00	37.07 0.20 0.00	40.35 0.21 0.00	37.11 0.26 0.00	51.14 0.34 0.00	43.97 0.36 0.00	47.14 0.59 0.00	48.57 0.64 0.00	61.53 0.86 0.00	67.74 1.35 0.00	67.80 2.06 0.00	77.52 2.63 6.43	89.95 2.47 0.00	115.85 3.13 0.00	360.96 9.12 0.00	724.34 14.10 0.00	581.07 11.40 0.00	568.81 13.91 0.00	195.31 5.85 0.00	132.10 4.09 0.00	95.68 2.20 0.00	89.75 1.73 0.00

HAMPSHIRE___PAPER_HYD 323593	62.88 0.01 0.00	52.48 0.05 0.00	46.63 0.06 0.00	37.11 0.24 0.00	40.76 0.61 0.00	37.59 0.74 0.00	52.06 1.26 0.00	44.59 0.99 0.00	47.31 0.77 0.00	48.50 0.57 0.00	61.05 0.38 0.00	66.18 -0.22 0.00	64.25 -1.49 0.00	-131.71 -3.59 209.43	83.90 -3.59 0.00	108.00 -4.73 0.00	337.45 -14.38 0.00	685.44 -24.80 0.00	557.61 -12.06 0.00	544.78 -10.13 0.00	187.39 -2.07 0.00	127.95 -0.06 0.00	95.54 2.06 0.00	90.71 2.69 0.00
HARDSCRABBLE_WT_PWR 323673	63.82 0.95 0.00	53.13 0.69 0.00	47.42 0.85 0.00	37.43 0.57 0.00	40.76 0.62 0.00	37.43 0.58 0.00	51.49 0.68 0.00	43.70 0.09 0.00	46.12 -0.43 0.00	47.31 -0.62 0.00	59.91 -0.77 0.00	66.04 -0.36 0.00	66.21 0.48 0.00	77.00 2.03 6.35	89.85 2.37 0.00	115.89 3.17 0.00	361.83 10.00 0.00	737.84 27.61 0.00	598.40 28.72 0.00	586.51 31.61 0.00	200.00 10.54 0.00	134.88 6.87 0.00	97.43 3.95 0.00	90.18 2.16 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	65.32 2.45 0.00	54.58 2.14 0.00	48.90 2.33 0.00	38.68 1.81 0.00	41.97 1.83 0.00	38.67 1.56 -0.26	52.83 2.02 0.00	45.61 1.99 0.00	48.69 2.14 0.00	50.81 2.50 -0.38	64.11 3.44 0.00	70.93 4.53 0.00	71.57 5.83 0.00	89.87 8.54 0.00	96.96 9.48 0.00	125.52 12.80 0.00	394.45 41.52 -1.10	797.18 84.24 -2.70	635.33 65.65 0.00	615.32 60.41 0.00	208.62 19.16 0.00	139.30 11.29 0.00	100.21 6.73 0.00	92.27 4.25 0.00
HARSNRAD_115KV_TB1 81005	65.48 2.61 0.00	53.62 1.18 0.00	46.40 -0.17 0.00	36.27 -0.60 0.00	39.54 -0.60 0.00	36.42 -0.43 0.00	50.17 -0.64 0.00	43.35 -0.26 0.00	47.27 0.73 0.00	49.11 1.18 0.00	62.40 1.73 0.00	68.76 2.37 0.00	69.40 3.66 0.00	84.13 2.81 0.00	89.30 1.82 0.00	115.02 2.30 0.00	357.27 5.44 0.00	724.10 13.87 0.00	575.76 6.08 0.00	565.74 10.83 0.00	195.48 6.01 0.00	131.29 3.28 0.00	95.52 2.04 0.00	91.20 3.18 0.00
HARZA MOOSE___RIVER 24016	63.73 0.86 0.00	53.19 0.76 0.00	47.47 0.90 0.00	37.70 0.84 0.00	41.34 1.20 0.00	38.08 1.23 0.00	52.74 1.94 0.00	45.22 1.62 0.00	48.07 1.52 0.00	49.37 1.44 0.00	62.34 1.67 0.00	68.08 1.69 0.00	67.10 1.36 0.00	24.84 1.42 57.91	89.14 1.66 0.00	114.91 2.19 0.00	359.00 7.16 0.00	727.76 17.52 0.00	589.39 19.71 0.00	576.26 21.36 0.00	197.86 8.40 0.00	134.18 6.17 0.00	98.53 5.05 0.00	92.21 4.18 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	62.86 -0.01 0.00	52.22 -0.22 0.00	46.28 -0.29 0.00	36.55 -0.32 0.00	39.79 -0.35 0.00	36.55 -0.29 0.00	50.43 -0.37 0.00	43.35 -0.26 0.00	46.42 -0.13 0.00	47.80 -0.13 0.00	60.54 -0.13 0.00	66.62 0.23 0.00	66.52 0.79 0.00	74.22 1.22 8.32	88.65 1.16 0.00	114.26 1.53 0.00	356.03 4.20 0.00	714.79 4.55 0.00	572.67 2.99 0.00	559.33 4.43 0.00	191.67 2.21 0.00	129.58 1.57 0.00	94.05 0.58 0.00	88.07 0.04 0.00
HELLGATE_13_KV_LD 55870	63.00 2.65 2.52	55.21 2.77 0.00	49.69 3.12 0.00	39.49 2.62 0.00	42.74 2.59 0.00	39.46 2.31 -0.30	53.69 2.89 0.00	46.64 3.03 0.00	49.81 3.26 0.00	51.83 3.47 -0.43	64.70 4.03 0.00	71.66 5.26 0.00	72.52 6.78 0.00	91.14 9.82 0.00	98.23 10.75 0.00	128.12 14.46 -0.93	400.64 45.54 -3.27	811.53 93.67 -7.62	640.74 71.06 0.00	620.27 65.36 0.00	210.59 21.13 0.00	140.23 12.22 0.00	100.98 7.50 0.00	92.64 4.62 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	63.00 2.65 2.52	55.21 2.77 0.00	49.69 3.12 0.00	39.49 2.62 0.00	42.74 2.59 0.00	39.46 2.31 -0.30	53.69 2.89 0.00	46.64 3.03 0.00	49.81 3.26 0.00	51.83 3.47 -0.43	64.70 4.03 0.00	71.66 5.26 0.00	72.52 6.78 0.00	91.14 9.82 0.00	98.23 10.75 0.00	128.12 14.46 -0.93	400.64 45.54 -3.27	811.53 93.67 -7.62	640.74 71.06 0.00	620.27 65.36 0.00	210.59 21.13 0.00	140.23 12.22 0.00	100.98 7.50 0.00	92.64 4.62 0.00
HEMPSTEAD___ 23647	69.31 2.26 -4.18	54.75 2.31 0.00	49.40 2.83 0.00	38.95 2.08 0.00	42.24 2.09 0.00	38.92 1.78 -0.30	52.87 2.07 0.00	45.73 2.12 0.00	47.96 2.00 0.58	47.31 2.37 2.99	65.66 3.57 -1.41	75.69 4.40 -4.89	81.38 6.08 -9.56	102.13 8.92 -11.90	115.73 10.21 -18.04	154.66 13.55 -28.39	406.05 42.33 -11.88	805.16 89.13 -5.79	634.19 66.53 2.02	603.63 57.61 8.89	205.00 18.65 3.12	138.46 10.51 0.06	99.55 6.07 0.00	92.34 3.40 -0.92
HICKLING___1 23621	64.93 2.05 0.00	53.46 1.02 0.00	47.20 0.63 0.00	37.37 0.51 0.00	40.81 0.67 0.00	37.56 0.71 0.00	51.85 1.05 0.00	44.49 0.88 0.00	48.04 1.49 0.00	49.51 1.58 0.00	62.66 1.99 0.00	69.35 2.95 0.00	70.12 4.38 0.00	87.46 6.14 0.00	93.31 5.83 0.00	120.39 7.67 0.00	375.43 23.59 0.00	754.37 44.14 0.00	603.33 33.66 0.00	592.34 37.43 0.00	203.37 13.90 0.00	136.52 8.51 0.00	98.64 5.17 0.00	91.81 3.79 0.00
HICKLING___2 23622	64.93 2.05 0.00	53.46 1.02 0.00	47.20 0.63 0.00	37.37 0.51 0.00	40.81 0.67 0.00	37.56 0.71 0.00	51.85 1.05 0.00	44.49 0.88 0.00	48.04 1.49 0.00	49.51 1.58 0.00	62.66 1.99 0.00	69.35 2.95 0.00	70.12 4.38 0.00	87.46 6.14 0.00	93.31 5.83 0.00	120.39 7.67 0.00	375.43 23.59 0.00	754.37 44.14 0.00	603.33 33.66 0.00	592.34 37.43 0.00	203.37 13.90 0.00	136.52 8.51 0.00	98.64 5.17 0.00	91.81 3.79 0.00
HIGH FALLS___HY 23754	65.81 2.94 0.00	54.96 2.52 0.00	49.22 2.65 0.00	38.93 2.06 0.00	42.23 2.09 0.00	38.84 1.84 -0.16	53.27 2.47 0.00	46.01 2.40 0.00	49.11 2.56 0.00	51.03 2.86 -0.23	64.64 3.96 0.00	71.29 4.90 0.00	71.90 6.17 0.00	89.91 8.59 0.00	97.04 9.56 0.00	125.62 12.90 0.00	394.71 42.80 -0.08	800.43 90.00 -0.19	641.41 71.73 0.00	622.51 67.60 0.00	211.91 22.45 0.00	141.31 13.30 0.00	101.51 8.03 0.00	93.28 5.26 0.00
HIGH_RIVER___SOLAR 323847	65.34 2.47 0.00	54.55 2.11 0.00	48.57 2.00 0.00	38.39 1.52 0.00	41.79 1.64 0.00	38.16 1.50 0.19	52.88 2.08 0.00	45.07 1.46 0.00	47.47 0.93 0.00	48.20 0.54 0.28	61.23 0.55 0.00	67.29 0.90 0.00	66.87 1.13 0.00	83.22 1.90 0.00	89.54 2.06 0.00	115.35 2.63 0.00	361.92 10.19 0.10	736.45 26.45 0.24	597.59 27.91 0.00	587.40 32.49 0.00	201.09 11.63 0.00	135.77 7.76 0.00	98.51 5.04 0.00	91.99 3.96 0.00
HILLBURN___GT 23639	64.92 2.05 0.00	54.31 1.87 0.00	48.72 2.15 0.00	38.56 1.70 0.00	41.83 1.69 0.00	38.53 1.42 -0.27	52.59 1.79 0.00	45.42 1.81 0.00	48.48 1.93 0.00	50.60 2.28 -0.39	63.74 3.07 0.00	70.53 4.14 0.00	71.16 5.43 0.00	89.39 8.07 0.00	96.42 8.94 0.00	124.83 12.11 0.00	392.04 38.93 -1.28	791.13 77.74 -3.15	629.78 60.10 0.00	609.77 54.86 0.00	206.92 17.46 0.00	138.23 10.23 0.00	99.54 6.06 0.00	91.63 3.61 0.00
HILLSIDE_115KV_TB1 80332	63.72 0.85 0.00	52.51 0.07 0.00	46.47 -0.10 0.00	36.82 -0.04 0.00	40.16 0.02 0.00	36.94 0.10 0.00	50.96 0.16 0.00	43.70 0.09 0.00	47.19 0.65 0.00	48.63 0.70 0.00	61.55 0.88 0.00	68.09 1.70 0.00	68.90 3.16 0.00	86.07 4.75 0.00	91.92 4.44 0.00	118.69 5.97 0.00	369.63 17.80 0.00	741.64 31.40 0.00	592.22 22.54 0.00	579.90 25.00 0.00	198.87 9.41 0.00	133.68 5.68 0.00	96.74 3.26 0.00	89.81 1.79 0.00

HISHELDN_WT_PWR 323625	65.34 2.47 0.00	53.61 1.18 0.00	46.68 0.11 0.00	36.72 -0.14 0.00	40.13 -0.02 0.00	36.95 0.11 0.00	50.98 0.18 0.00	43.89 0.29 0.00	47.68 1.13 0.00	49.43 1.50 0.00	62.74 2.07 0.00	69.27 2.88 0.00	69.92 4.18 0.00	85.65 4.33 0.00	91.17 3.68 0.00	117.43 4.70 0.00	365.40 13.57 0.00	738.98 28.75 0.00	589.18 19.50 0.00	579.47 24.56 0.00	200.22 10.75 0.00	134.45 6.44 0.00	97.50 4.02 0.00	92.29 4.27 0.00
HOLTSVILLE_IC_1 23690	60.95 1.63 3.54	54.56 2.13 0.00	49.47 2.90 0.00	38.94 2.07 0.00	42.17 2.02 0.00	38.82 1.68 -0.30	52.52 1.72 0.00	45.34 1.73 0.00	46.69 1.31 1.16	41.54 1.74 8.13	63.14 3.13 0.66	67.98 3.94 2.35	72.14 5.83 -0.57	93.62 8.44 -3.86	121.39 10.00 -23.91	182.33 12.94 -56.66	399.63 37.48 -10.32	795.66 79.63 -5.79	625.09 57.97 2.55	583.65 45.76 17.02	193.62 14.79 10.62	134.18 8.30 2.14	101.95 4.68 -3.80	89.12 2.12 1.02
HOLTSVILLE_IC_10 23699	61.59 2.12 3.40	54.94 2.50 0.00	49.79 3.22 0.00	39.16 2.30 0.00	42.41 2.26 0.00	39.05 1.90 -0.30	52.84 2.03 0.00	45.63 2.02 0.00	47.03 1.64 1.15	42.02 2.15 8.06	63.78 3.73 0.62	68.83 4.67 2.24	73.10 6.62 -0.74	96.34 9.43 -5.59	136.54 11.12 -37.93	212.78 14.17 -85.89	407.01 40.47 -14.71	800.02 83.99 -5.79	628.44 61.28 2.52	586.80 48.73 16.84	194.59 15.61 10.49	135.25 9.35 2.11	104.69 5.60 -5.62	89.95 2.91 0.99
HOLTSVILLE_IC_2 23691	60.95 1.63 3.54	54.56 2.13 0.00	49.47 2.90 0.00	38.94 2.07 0.00	42.17 2.02 0.00	38.82 1.68 -0.30	52.52 1.72 0.00	45.34 1.73 0.00	46.69 1.31 1.16	41.54 1.74 8.13	63.14 3.13 0.66	67.98 3.94 2.35	72.14 5.83 -0.57	93.62 8.44 -3.86	121.39 10.00 -23.91	182.33 12.94 -56.66	399.63 37.48 -10.32	795.66 79.63 -5.79	625.09 57.97 2.55	583.65 45.76 17.02	193.62 14.79 10.62	134.18 8.30 2.14	101.95 4.68 -3.80	89.12 2.12 1.02
HOLTSVILLE_IC_3 23692	60.95 1.63 3.54	54.56 2.13 0.00	49.47 2.90 0.00	38.94 2.07 0.00	42.17 2.02 0.00	38.82 1.68 -0.30	52.52 1.72 0.00	45.34 1.73 0.00	46.69 1.31 1.16	41.54 1.74 8.13	63.14 3.13 0.66	67.98 3.94 2.35	72.14 5.83 -0.57	93.62 8.44 -3.86	121.39 10.00 -23.91	182.33 12.94 -56.66	399.63 37.48 -10.32	795.66 79.63 -5.79	625.09 57.97 2.55	583.65 45.76 17.02	193.62 14.79 10.62	134.18 8.30 2.14	101.95 4.68 -3.80	89.12 2.12 1.02
HOLTSVILLE_IC_4 23693	60.95 1.63 3.54	54.56 2.13 0.00	49.47 2.90 0.00	38.94 2.07 0.00	42.17 2.02 0.00	38.82 1.68 -0.30	52.52 1.72 0.00	45.34 1.73 0.00	46.69 1.31 1.16	41.54 1.74 8.13	63.14 3.13 0.66	67.98 3.94 2.35	72.14 5.83 -0.57	93.62 8.44 -3.86	121.39 10.00 -23.91	182.33 12.94 -56.66	399.63 37.48 -10.32	795.66 79.63 -5.79	625.09 57.97 2.55	583.65 45.76 17.02	193.62 14.79 10.62	134.18 8.30 2.14	101.95 4.68 -3.80	89.12 2.12 1.02
HOLTSVILLE_IC_5 23694	60.95 1.63 3.54	54.56 2.13 0.00	49.47 2.90 0.00	38.94 2.07 0.00	42.17 2.02 0.00	38.82 1.68 -0.30	52.52 1.72 0.00	45.34 1.73 0.00	46.69 1.31 1.16	41.54 1.74 8.13	63.14 3.13 0.66	67.98 3.94 2.35	72.14 5.83 -0.57	93.62 8.44 -3.86	121.39 10.00 -23.91	182.33 12.94 -56.66	399.63 37.48 -10.32	795.66 79.63 -5.79	625.09 57.97 2.55	583.65 45.76 17.02	193.62 14.79 10.62	134.18 8.30 2.14	101.95 4.68 -3.80	89.12 2.12 1.02
HOLTSVILLE_IC_6 23695	61.59 2.12 3.40	54.94 2.50 0.00	49.79 3.22 0.00	39.16 2.30 0.00	42.41 2.26 0.00	39.05 1.90 -0.30	52.84 2.03 0.00	45.63 2.02 0.00	47.03 1.64 1.15	42.02 2.15 8.06	63.78 3.73 0.62	68.83 4.67 2.24	73.10 6.62 -0.74	96.34 9.43 -5.59	136.54 11.12 -37.93	212.78 14.17 -85.89	407.01 40.47 -14.71	800.02 83.99 -5.79	628.44 61.28 2.52	586.80 48.73 16.84	194.59 15.61 10.49	135.25 9.35 2.11	104.69 5.60 -5.62	89.95 2.91 0.99
HOLTSVILLE_IC_7 23696	61.59 2.12 3.40	54.94 2.50 0.00	49.79 3.22 0.00	39.16 2.30 0.00	42.41 2.26 0.00	39.05 1.90 -0.30	52.84 2.03 0.00	45.63 2.02 0.00	47.03 1.64 1.15	42.02 2.15 8.06	63.78 3.73 0.62	68.83 4.67 2.24	73.10 6.62 -0.74	96.34 9.43 -5.59	136.54 11.12 -37.93	212.78 14.17 -85.89	407.01 40.47 -14.71	800.02 83.99 -5.79	628.44 61.28 2.52	586.80 48.73 16.84	194.59 15.61 10.49	135.25 9.35 2.11	104.69 5.60 -5.62	89.95 2.91 0.99
HOLTSVILLE_IC_8 23697	61.59 2.12 3.40	54.94 2.50 0.00	49.79 3.22 0.00	39.16 2.30 0.00	42.41 2.26 0.00	39.05 1.90 -0.30	52.84 2.03 0.00	45.63 2.02 0.00	47.03 1.64 1.15	42.02 2.15 8.06	63.78 3.73 0.62	68.83 4.67 2.24	73.10 6.62 -0.74	96.34 9.43 -5.59	136.54 11.12 -37.93	212.78 14.17 -85.89	407.01 40.47 -14.71	800.02 83.99 -5.79	628.44 61.28 2.52	586.80 48.73 16.84	194.59 15.61 10.49	135.25 9.35 2.11	104.69 5.60 -5.62	89.95 2.91 0.99
HOLTSVILLE_IC_9 23698	61.59 2.12 3.40	54.94 2.50 0.00	49.79 3.22 0.00	39.16 2.30 0.00	42.41 2.26 0.00	39.05 1.90 -0.30	52.84 2.03 0.00	45.63 2.02 0.00	47.03 1.64 1.15	42.02 2.15 8.06	63.78 3.73 0.62	68.83 4.67 2.24	73.10 6.62 -0.74	96.34 9.43 -5.59	136.54 11.12 -37.93	212.78 14.17 -85.89	407.01 40.47 -14.71	800.02 83.99 -5.79	628.44 61.28 2.52	586.80 48.73 16.84	194.59 15.61 10.49	135.25 9.35 2.11	104.69 5.60 -5.62	89.95 2.91 0.99
HOMER_HL_115KV_TB2 355744	65.07 2.20 0.00	53.34 0.90 0.00	46.64 0.07 0.00	36.80 -0.07 0.00	40.14 -0.01 0.00	36.95 0.10 0.00	51.02 0.22 0.00	43.95 0.33 0.00	47.91 1.36 0.00	49.65 1.73 0.00	62.68 2.01 0.00	69.36 2.96 0.00	69.94 4.21 0.00	86.42 5.10 0.00	92.18 4.70 0.00	118.55 5.83 0.00	368.47 16.63 0.00	746.77 36.54 0.00	592.70 23.03 0.00	582.76 27.85 0.00	200.82 11.36 0.00	134.24 6.23 0.00	97.29 3.81 0.00	91.44 3.42 0.00
HOWARD_WT_PWR 323690	64.76 1.89 0.00	53.56 1.12 0.00	47.07 0.50 0.00	37.27 0.41 0.00	40.88 0.73 0.00	37.67 0.83 0.00	52.13 1.33 0.00	44.77 1.16 0.00	48.30 1.75 0.00	49.73 1.80 0.00	62.82 2.15 0.00	69.39 2.99 0.00	70.10 4.36 0.00	86.73 5.40 0.00	92.48 4.99 0.00	119.38 6.66 0.00	372.23 20.40 0.00	750.65 40.42 0.00	602.33 32.65 0.00	595.32 40.41 0.00	205.90 16.44 0.00	137.71 9.70 0.00	99.08 5.60 0.00	93.14 5.12 0.00
HQ_GEN_CEDARS 23644	62.99 0.11 0.00	52.53 0.09 0.00	46.25 -0.32 0.00	36.76 -0.10 0.00	40.15 0.01 0.00	37.05 0.21 0.00	51.16 0.36 0.00	43.94 0.33 0.00	46.90 0.35 0.00	48.22 0.29 0.00	60.74 0.07 0.00	65.73 -0.67 0.00	63.56 -2.18 0.00	-374.47 -5.29 450.50	82.16 -5.32 0.00	105.67 -7.06 0.00	330.13 -21.70 0.00	670.44 -39.79 0.00	540.29 -29.39 0.00	526.43 -28.48 0.00	179.83 -9.63 0.00	122.18 -5.82 0.00	91.19 -2.28 0.00	87.91 -0.11 0.00
HQ_GEN_CEDARS_PROXY 323590	62.99 0.11 0.00	50.55 0.09 1.98	43.16 -0.32 3.10	36.77 -0.10 0.00	40.15 0.01 0.00	37.06 0.21 0.00	49.85 0.36 1.31	39.09 0.33 4.85	43.87 0.35 3.03	47.26 0.30 0.96	60.74 0.07 0.00	65.73 -0.66 0.00	63.55 -2.19 0.00	-374.47 -5.29 450.50	82.15 -5.33 0.00	87.36 -7.06 18.30	270.50 -21.70 59.63	492.19 -39.79 178.26	406.57 -29.40 133.71	393.85 -28.48 132.58	86.57 -9.63 93.26	88.37 -5.82 33.82	91.19 -2.28 0.00	87.91 -0.11 0.00

HQ_GEN_IMPORT 323601	72.23 -0.16 -9.52	54.22 -0.15 -1.93	39.69 -0.36 6.52	36.65 -0.22 0.00	39.97 -0.17 0.00	36.73 -0.11 0.00	50.67 -0.12 0.00	43.56 -0.05 0.00	46.58 0.01 -0.02	47.94 0.01 0.00	60.62 -0.06 0.00	65.80 -0.60 0.00	64.26 -1.48 0.00	92.92 -2.70 -14.30	66.32 -2.90 18.27	108.91 -3.81 0.00	339.86 -11.97 0.00	509.85 -22.49 177.90	473.57 -17.47 78.64	537.75 -17.15 0.00	183.51 -5.95 0.00	124.22 -3.79 0.00	73.39 -1.92 18.17	87.36 -0.66 0.00
HQ_GEN_WHEEL 23651	72.23 -0.16 -9.52	54.22 -0.15 -1.93	39.69 -0.36 6.52	36.65 -0.22 0.00	39.97 -0.17 0.00	36.73 -0.11 0.00	50.67 -0.12 0.00	43.56 -0.05 0.00	46.58 0.01 -0.02	47.94 0.01 0.00	60.62 -0.06 0.00	65.80 -0.60 0.00	64.26 -1.48 0.00	92.92 -2.70 -14.30	66.32 -2.90 18.27	108.91 -3.81 0.00	339.86 -11.97 0.00	509.85 -22.49 177.90	473.57 -17.47 78.64	537.75 -17.15 0.00	183.51 -5.95 0.00	124.22 -3.79 0.00	73.39 -1.92 18.17	87.36 -0.66 0.00
HUDSON AVE_GT_3 23810	65.57 2.70 0.00	54.83 2.39 0.00	49.37 2.79 0.00	39.14 2.27 0.00	42.45 2.30 0.00	39.18 2.03 -0.30	53.36 2.56 0.00	46.21 2.59 0.00	49.34 2.80 0.00	51.47 3.11 -0.43	64.49 3.81 0.00	71.23 4.84 0.00	71.98 6.24 0.00	90.39 9.07 0.00	97.44 9.96 0.00	126.12 13.39 0.00	397.58 43.41 -2.33	804.83 88.85 -5.74	638.18 68.50 0.00	617.36 62.45 0.00	209.62 20.16 0.00	139.88 11.87 0.00	100.66 7.19 0.00	92.43 4.41 0.00
HUDSON AVE_GT_4 23540	65.57 2.70 0.00	54.83 2.39 0.00	49.37 2.79 0.00	39.14 2.27 0.00	42.45 2.30 0.00	39.18 2.03 -0.30	53.36 2.56 0.00	46.21 2.59 0.00	49.34 2.80 0.00	51.47 3.11 -0.43	64.49 3.81 0.00	71.23 4.84 0.00	71.98 6.24 0.00	90.39 9.07 0.00	97.44 9.96 0.00	126.12 13.39 0.00	397.58 43.41 -2.33	804.83 88.85 -5.74	638.18 68.50 0.00	617.36 62.45 0.00	209.62 20.16 0.00	139.88 11.87 0.00	100.66 7.19 0.00	92.43 4.41 0.00
HUDSON AVE_GT_5 23657	65.57 2.70 0.00	54.83 2.39 0.00	49.37 2.79 0.00	39.14 2.27 0.00	42.45 2.30 0.00	39.18 2.03 -0.30	53.36 2.56 0.00	46.21 2.59 0.00	49.34 2.80 0.00	51.47 3.11 -0.43	64.49 3.81 0.00	71.23 4.84 0.00	71.98 6.24 0.00	90.39 9.07 0.00	97.44 9.96 0.00	126.12 13.39 0.00	397.58 43.41 -2.33	804.83 88.85 -5.74	638.18 68.50 0.00	617.36 62.45 0.00	209.62 20.16 0.00	139.88 11.87 0.00	100.66 7.19 0.00	92.43 4.41 0.00
HUDSON_AVE_10 24168	65.40 2.53 0.00	54.64 2.21 0.00	49.21 2.64 0.00	39.03 2.17 0.00	42.32 2.18 0.00	39.07 1.93 -0.30	53.19 2.39 0.00	46.06 2.46 0.00	49.16 2.61 0.00	52.00 2.92 -1.15	64.20 3.52 0.00	70.96 4.57 0.00	71.69 5.95 0.00	90.03 8.71 0.00	97.08 9.60 0.00	125.88 12.96 -0.20	396.45 42.23 -2.38	802.16 86.19 -5.74	637.72 66.55 -1.49	622.90 60.41 -7.58	211.04 19.42 -2.16	140.70 11.44 -1.25	100.42 6.94 0.00	92.16 4.13 0.00
HUDSON___115KV_TB 4 355613	64.20 1.33 0.00	53.57 1.13 0.00	47.83 1.25 0.00	37.77 0.90 0.00	41.06 0.92 0.00	37.44 0.75 0.16	51.77 0.97 0.00	44.11 0.50 0.00	46.63 0.09 0.00	47.55 -0.16 0.23	60.57 -0.10 0.00	66.69 0.30 0.00	66.53 0.79 0.00	83.52 2.19 0.00	90.05 2.57 0.00	116.53 3.81 0.00	365.46 13.73 0.10	740.34 30.35 0.25	597.55 27.87 0.00	584.14 29.23 0.00	198.70 9.23 0.00	133.86 5.86 0.00	96.83 3.35 0.00	90.24 2.22 0.00
HUNTER MOUNT___DRP 323613	64.41 1.54 0.00	53.72 1.28 0.00	47.92 1.35 0.00	37.82 0.96 0.00	41.14 0.99 0.00	37.59 0.84 0.10	51.90 1.10 0.00	44.24 0.63 0.00	46.79 0.24 0.00	47.78 -0.01 0.14	60.72 0.05 0.00	66.89 0.49 0.00	66.71 0.97 0.00	83.71 2.39 0.00	90.29 2.80 0.00	116.96 4.24 0.00	367.52 15.77 0.08	743.66 33.62 0.19	600.30 30.63 0.00	586.59 31.69 0.00	199.55 10.09 0.00	134.42 6.41 0.00	97.22 3.74 0.00	90.61 2.59 0.00
HUNTINGTON_RES_REC 323705	61.07 1.60 3.40	54.63 2.19 0.00	49.59 3.02 0.00	39.02 2.15 0.00	42.28 2.13 0.00	38.93 1.78 -0.30	52.69 1.89 0.00	45.43 1.82 0.00	46.78 1.39 1.15	41.73 1.84 8.03	63.27 3.22 0.62	68.06 4.08 2.41	72.51 6.03 -0.74	95.85 8.76 -5.76	267.66 10.39 -169.79	497.32 13.77 -370.82	448.63 41.02 -55.78	803.52 87.50 -5.79	631.32 64.16 2.52	590.37 52.29 16.82	195.96 16.95 10.46	135.20 9.31 2.11	95.87 5.14 2.75	89.52 2.48 0.98
HUNTLEY___63 23557	66.24 3.37 0.00	54.16 1.73 0.00	46.88 0.31 0.00	36.66 -0.21 0.00	39.94 -0.20 0.00	36.79 -0.05 0.00	50.69 -0.11 0.00	43.87 0.27 0.00	47.99 1.45 0.00	49.92 1.99 0.00	63.55 2.88 0.00	70.03 3.63 0.00	70.74 5.00 0.00	86.04 4.71 0.00	91.47 3.98 0.00	117.80 5.08 0.00	365.92 14.09 0.00	742.54 32.31 0.00	590.24 20.56 0.00	578.69 23.78 0.00	199.54 10.08 0.00	133.83 5.82 0.00	97.26 3.78 0.00	92.61 4.59 0.00
HUNTLEY___64 23558	66.24 3.37 0.00	54.16 1.73 0.00	46.88 0.31 0.00	36.66 -0.21 0.00	39.94 -0.20 0.00	36.79 -0.05 0.00	50.69 -0.11 0.00	43.87 0.27 0.00	47.99 1.45 0.00	49.92 1.99 0.00	63.55 2.88 0.00	70.03 3.63 0.00	70.74 5.00 0.00	86.04 4.71 0.00	91.47 3.98 0.00	117.80 5.08 0.00	365.92 14.09 0.00	742.54 32.31 0.00	590.24 20.56 0.00	578.69 23.78 0.00	199.54 10.08 0.00	133.83 5.82 0.00	97.26 3.78 0.00	92.61 4.59 0.00
HUNTLEY___65 23559	66.24 3.37 0.00	54.16 1.73 0.00	46.88 0.31 0.00	36.66 -0.21 0.00	39.94 -0.20 0.00	36.79 -0.05 0.00	50.69 -0.11 0.00	43.87 0.27 0.00	47.99 1.45 0.00	49.92 1.99 0.00	63.55 2.88 0.00	70.03 3.63 0.00	70.74 5.00 0.00	86.04 4.71 0.00	91.47 3.98 0.00	117.80 5.08 0.00	365.92 14.09 0.00	742.54 32.31 0.00	590.24 20.56 0.00	578.69 23.78 0.00	199.54 10.08 0.00	133.83 5.82 0.00	97.26 3.78 0.00	92.61 4.59 0.00
HUNTLEY___66 23560	66.24 3.37 0.00	54.16 1.73 0.00	46.88 0.31 0.00	36.66 -0.21 0.00	39.94 -0.20 0.00	36.79 -0.05 0.00	50.69 -0.11 0.00	43.87 0.27 0.00	47.99 1.45 0.00	49.92 1.99 0.00	63.55 2.88 0.00	70.03 3.63 0.00	70.74 5.00 0.00	86.04 4.71 0.00	91.47 3.98 0.00	117.80 5.08 0.00	365.92 14.09 0.00	742.54 32.31 0.00	590.24 20.56 0.00	578.69 23.78 0.00	199.54 10.08 0.00	133.83 5.82 0.00	97.26 3.78 0.00	92.61 4.59 0.00
HUNTLEY___67 23561	65.79 2.92 0.00	53.85 1.41 0.00	46.69 0.12 0.00	36.54 -0.32 0.00	39.84 -0.30 0.00	36.67 -0.17 0.00	50.53 -0.27 0.00	43.68 0.07 0.00	47.73 1.18 0.00	49.63 1.70 0.00	63.13 2.46 0.00	69.61 3.22 0.00	70.26 4.52 0.00	85.54 4.22 0.00	91.00 3.52 0.00	117.12 4.40 0.00	364.05 12.22 0.00	736.97 26.74 0.00	585.45 15.77 0.00	574.25 19.34 0.00	198.31 8.85 0.00	133.25 5.24 0.00	96.84 3.36 0.00	92.01 3.98 0.00
HUNTLEY___68 23562	65.79 2.92 0.00	53.85 1.41 0.00	46.69 0.12 0.00	36.54 -0.32 0.00	39.84 -0.30 0.00	36.67 -0.17 0.00	50.53 -0.27 0.00	43.68 0.07 0.00	47.73 1.18 0.00	49.63 1.70 0.00	63.13 2.46 0.00	69.61 3.22 0.00	70.26 4.52 0.00	85.54 4.22 0.00	91.00 3.52 0.00	117.12 4.40 0.00	364.05 12.22 0.00	736.97 26.74 0.00	585.45 15.77 0.00	574.25 19.34 0.00	198.31 8.85 0.00	133.25 5.24 0.00	96.84 3.36 0.00	92.01 3.98 0.00

HYLAND___LFGE 323620	67.35 4.48 0.00	55.22 2.79 0.00	48.28 1.71 0.00	38.01 1.14 0.00	41.47 1.33 0.00	38.28 1.43 0.00	53.09 2.29 0.00	45.60 2.00 0.00	48.49 1.95 0.00	50.46 2.53 0.00	61.38 0.71 0.00	65.09 -1.31 0.00	64.96 -0.78 0.00	79.21 -2.11 0.00	84.69 -2.79 0.00	110.81 -1.92 0.00	346.09 -5.74 0.00	682.64 -27.60 0.00	566.28 -3.40 0.00	568.19 13.28 0.00	200.01 10.55 0.00	128.66 0.65 0.00	94.89 1.41 0.00	97.18 9.16 0.00
INDECK___CORINTH 23802	65.81 2.94 0.00	54.76 2.32 0.00	48.82 2.25 0.00	38.51 1.64 0.00	41.92 1.78 0.00	38.13 1.55 0.26	53.08 2.28 0.00	45.55 1.94 0.00	48.20 1.66 0.00	49.05 1.49 0.37	62.55 1.88 0.00	69.05 2.66 0.00	68.60 2.86 0.00	86.09 4.76 0.00	93.16 5.68 0.00	120.01 7.29 0.00	375.37 23.64 0.11	765.21 55.24 0.27	616.24 46.56 0.00	599.95 45.04 0.00	203.50 14.04 0.00	138.13 10.12 0.00	100.23 6.76 0.00	93.02 5.00 0.00
INDECK___ILION 23567	63.50 0.63 0.00	52.92 0.48 0.00	47.18 0.61 0.00	37.28 0.41 0.00	40.59 0.44 0.00	37.24 0.40 0.00	51.29 0.49 0.00	43.76 0.15 0.00	46.40 -0.14 0.00	47.68 -0.25 0.00	60.40 -0.27 0.00	66.44 0.04 0.00	66.34 0.60 0.00	76.61 1.64 6.35	89.35 1.87 0.00	115.23 2.51 0.00	359.94 8.11 0.00	730.38 20.14 0.00	589.24 19.56 0.00	575.81 20.90 0.00	196.43 6.97 0.00	132.54 4.53 0.00	96.07 2.60 0.00	89.46 1.44 0.00
INDECK___OLEAN 23982	65.09 2.22 0.00	53.34 0.90 0.00	46.64 0.07 0.00	36.80 -0.06 0.00	40.13 -0.01 0.00	36.95 0.10 0.00	51.03 0.22 0.00	43.93 0.32 0.00	47.92 1.37 0.00	49.66 1.73 0.00	62.68 2.01 0.00	69.35 2.96 0.00	69.95 4.21 0.00	86.48 5.15 0.00	92.19 4.71 0.00	118.56 5.84 0.00	368.50 16.67 0.00	746.76 36.52 0.00	592.85 23.17 0.00	582.75 27.84 0.00	200.82 11.36 0.00	134.34 6.34 0.00	97.30 3.83 0.00	91.44 3.42 0.00
INDECK___OSWEGO 23783	61.27 -1.60 0.00	51.01 -1.43 0.00	45.31 -1.27 0.00	35.82 -1.04 0.00	39.03 -1.11 0.00	35.85 -0.99 0.00	49.46 -1.35 0.00	42.45 -1.16 0.00	45.38 -1.17 0.00	46.64 -1.29 0.00	58.90 -1.78 0.00	64.66 -1.73 0.00	64.38 -1.36 0.00	66.84 -1.51 12.97	85.80 -1.69 0.00	110.54 -2.18 0.00	344.05 -7.78 0.00	688.01 -22.22 0.00	552.06 -17.61 0.00	539.12 -15.78 0.00	185.15 -4.31 0.00	125.97 -2.04 0.00	91.68 -1.79 0.00	86.00 -2.02 0.00
INDECK___YERKES 23781	66.26 3.39 0.00	54.17 1.73 0.00	46.89 0.32 0.00	36.66 -0.21 0.00	39.95 -0.19 0.00	36.80 -0.05 0.00	50.70 -0.10 0.00	43.86 0.26 0.00	48.00 1.46 0.00	49.95 2.02 0.00	63.58 2.91 0.00	70.05 3.66 0.00	70.78 5.04 0.00	86.10 4.78 0.00	91.52 4.03 0.00	117.85 5.13 0.00	366.17 14.33 0.00	743.00 32.76 0.00	590.66 20.98 0.00	578.92 24.01 0.00	199.57 10.11 0.00	134.01 6.00 0.00	97.28 3.80 0.00	92.63 4.61 0.00
INDIAN POINT_GT_1 24139	64.88 2.01 0.00	54.29 1.85 0.00	48.76 2.18 0.00	38.60 1.73 0.00	41.88 1.74 0.00	38.61 1.47 -0.29	52.65 1.84 0.00	45.46 1.86 0.00	48.49 1.94 0.00	50.59 2.24 -0.42	63.60 2.93 0.00	70.31 3.92 0.00	70.92 5.19 0.00	89.08 7.76 0.00	96.08 8.60 0.00	124.32 11.60 0.00	391.17 37.42 -1.91	791.57 76.63 -4.71	629.25 59.58 0.00	609.21 54.30 0.00	206.83 17.37 0.00	138.21 10.19 0.00	99.45 5.97 0.00	91.54 3.52 0.00
INDIAN POINT_GT_2 23659	64.88 2.01 0.00	54.29 1.85 0.00	48.76 2.18 0.00	38.60 1.73 0.00	41.88 1.74 0.00	38.61 1.47 -0.29	52.65 1.84 0.00	45.46 1.86 0.00	48.49 1.94 0.00	50.59 2.24 -0.42	63.60 2.93 0.00	70.31 3.92 0.00	70.92 5.19 0.00	89.08 7.76 0.00	96.08 8.60 0.00	124.32 11.60 0.00	391.17 37.42 -1.91	791.57 76.63 -4.71	629.25 59.58 0.00	609.21 54.30 0.00	206.83 17.37 0.00	138.21 10.19 0.00	99.45 5.97 0.00	91.54 3.52 0.00
INDIAN POINT_GT_3 24019	64.88 2.01 0.00	54.29 1.85 0.00	48.76 2.18 0.00	38.60 1.73 0.00	41.88 1.74 0.00	38.61 1.47 -0.29	52.65 1.84 0.00	45.46 1.86 0.00	48.49 1.94 0.00	50.59 2.24 -0.42	63.60 2.93 0.00	70.31 3.92 0.00	70.92 5.19 0.00	89.08 7.76 0.00	96.08 8.60 0.00	124.32 11.60 0.00	391.17 37.42 -1.91	791.57 76.63 -4.71	629.25 59.58 0.00	609.21 54.30 0.00	206.83 17.37 0.00	138.21 10.19 0.00	99.45 5.97 0.00	91.54 3.52 0.00
INDIAN POINT___2 23530	64.79 1.93 0.00	54.23 1.79 0.00	48.70 2.13 0.00	38.56 1.69 0.00	41.83 1.69 0.00	38.55 1.42 -0.28	52.58 1.78 0.00	45.40 1.79 0.00	48.43 1.89 0.00	50.52 2.18 -0.41	63.54 2.87 0.00	70.26 3.86 0.00	70.86 5.12 0.00	88.98 7.66 0.00	95.98 8.50 0.00	124.21 11.49 0.00	390.60 37.02 -1.74	790.33 75.81 -4.28	628.21 58.53 0.00	608.29 53.39 0.00	206.56 17.10 0.00	137.97 9.96 0.00	99.30 5.82 0.00	91.40 3.38 0.00
INDIAN POINT___3 23531	64.74 1.87 0.00	54.18 1.74 0.00	48.67 2.10 0.00	38.52 1.66 0.00	41.80 1.66 0.00	38.53 1.39 -0.29	52.54 1.74 0.00	45.36 1.75 0.00	48.38 1.84 0.00	50.47 2.11 -0.42	63.46 2.79 0.00	70.16 3.77 0.00	70.74 5.01 0.00	88.85 7.53 0.00	95.82 8.33 0.00	123.99 11.26 0.00	390.04 36.33 -1.88	789.30 74.44 -4.62	627.26 57.58 0.00	607.50 52.59 0.00	206.25 16.79 0.00	137.83 9.82 0.00	99.20 5.72 0.00	91.34 3.32 0.00
INGHAM_C_115KV_TB7 356103	63.96 1.09 0.00	53.21 0.78 0.00	47.59 1.01 0.00	37.54 0.67 0.00	40.85 0.71 0.00	37.48 0.64 0.00	51.54 0.74 0.00	43.65 0.05 0.00	45.85 -0.69 0.00	46.95 -0.98 0.00	59.51 -1.17 0.00	65.74 -0.65 0.00	66.10 0.37 0.00	77.15 2.18 6.35	90.09 2.61 0.00	116.28 3.56 0.00	362.95 11.12 0.00	741.62 31.38 0.00	603.16 33.48 0.00	592.08 37.17 0.00	201.98 12.52 0.00	136.21 8.21 0.00	98.18 4.71 0.00	90.56 2.54 0.00
IP CORINTH___1 23988	66.18 3.31 0.00	55.07 2.64 0.00	49.09 2.52 0.00	38.72 1.86 0.00	42.16 2.02 0.00	38.35 1.77 0.26	53.39 2.59 0.00	45.81 2.20 0.00	48.48 1.93 0.00	49.34 1.78 0.37	62.92 2.24 0.00	69.45 3.06 0.00	68.99 3.26 0.00	86.58 5.25 0.00	93.68 6.20 0.00	120.68 7.96 0.00	377.48 25.76 0.11	769.47 59.50 0.27	619.62 49.94 0.00	603.33 48.42 0.00	204.66 15.20 0.00	138.90 10.89 0.00	100.80 7.33 0.00	93.55 5.53 0.00
IP___TICONDEROGA 23804	70.49 7.62 0.00	58.25 5.81 0.00	51.86 5.29 0.00	40.80 3.93 0.00	44.52 4.37 0.00	40.34 3.76 0.26	56.41 5.61 0.00	48.41 4.81 0.00	50.88 4.33 0.00	51.46 3.91 0.38	66.31 5.63 0.00	73.37 6.98 0.00	72.39 6.66 0.00	91.49 10.17 0.00	99.71 12.22 0.00	127.94 15.22 0.00	394.68 42.95 0.11	811.41 101.45 0.27	652.56 82.88 0.00	637.32 82.42 0.00	216.62 27.16 0.00	148.12 20.12 0.00	107.40 13.92 0.00	100.08 12.05 0.00
ISLIP_RES_REC 323679	62.16 2.60 3.31	55.31 2.87 0.00	50.09 3.52 0.00	39.39 2.52 0.00	42.65 2.51 0.00	39.27 2.13 -0.30	53.17 2.37 0.00	45.95 2.34 0.00	47.41 2.01 1.15	42.52 2.60 8.00	64.45 4.37 0.59	69.70 5.44 2.14	74.05 7.45 -0.86	98.54 10.46 -6.76	134.73 12.26 -34.99	207.19 15.71 -78.76	410.94 45.38 -13.73	810.18 94.15 -5.79	636.43 69.25 2.50	594.29 56.09 16.70	197.15 18.08 10.39	136.74 10.83 2.09	107.67 6.53 -7.67	90.78 3.72 0.96

JAMAICA__27_KV_LOAD 355505	66.10 3.23 0.00	55.06 2.62 0.00	49.57 3.00 0.00	39.33 2.46 0.00	42.65 2.50 0.00	39.40 2.25 -0.30	53.61 2.81 0.00	46.44 2.83 0.00	49.51 2.96 0.00	52.53 3.27 -1.33	64.55 3.88 0.00	71.48 5.09 0.00	72.20 6.46 0.00	90.72 9.40 0.00	97.83 10.35 0.00	127.03 14.06 -0.25	400.09 45.87 -2.39	809.44 93.47 -5.74	644.31 72.77 -1.86	630.65 66.29 -9.45	213.49 21.34 -2.69	142.46 12.90 -1.56	101.57 8.09 0.00	93.04 5.02 0.00
JANIS__SOLAR 323808	66.89 4.01 0.00	55.38 2.94 0.00	49.00 2.42 0.00	38.71 1.84 0.00	42.21 2.06 0.00	38.89 2.04 0.00	53.63 2.83 0.00	46.00 2.39 0.00	48.76 2.21 0.00	49.88 1.95 0.00	62.91 2.24 0.00	69.37 2.97 0.00	69.41 3.67 0.00	86.34 5.01 0.00	92.58 5.10 0.00	119.30 6.58 0.00	373.68 21.84 0.00	756.71 46.47 0.00	613.18 43.50 0.00	606.82 51.92 0.00	208.50 19.04 0.00	140.40 12.39 0.00	101.32 7.84 0.00	94.38 6.36 0.00
JARVIS____ 23743	62.97 0.10 0.00	52.57 0.13 0.00	46.80 0.22 0.00	37.01 0.15 0.00	40.30 0.16 0.00	36.99 0.14 0.00	50.98 0.17 0.00	43.71 0.10 0.00	46.59 0.04 0.00	47.95 0.02 0.00	60.73 0.06 0.00	66.63 0.23 0.00	66.21 0.48 0.00	75.88 0.91 6.35	88.50 1.02 0.00	114.07 1.34 0.00	356.07 4.24 0.00	719.13 8.89 0.00	576.98 7.30 0.00	562.10 7.19 0.00	191.87 2.41 0.00	129.53 1.52 0.00	94.34 0.86 0.00	88.41 0.39 0.00
JENNISON____1 23625	66.74 3.87 0.00	55.38 2.94 0.00	49.13 2.56 0.00	38.84 1.97 0.00	42.29 2.15 0.00	38.96 2.11 0.00	53.56 2.76 0.00	46.05 2.44 0.00	49.14 2.59 0.00	50.69 2.76 0.00	64.13 3.45 0.00	70.69 4.30 0.00	70.81 5.07 0.00	88.22 6.90 0.00	94.65 7.17 0.00	121.90 9.18 0.00	381.46 29.62 0.00	772.81 62.57 0.00	622.28 52.60 0.00	611.12 56.22 0.00	208.94 19.47 0.00	140.36 12.35 0.00	101.37 7.90 0.00	94.25 6.23 0.00
JENNISON____2 23626	66.74 3.87 0.00	55.38 2.94 0.00	49.13 2.56 0.00	38.84 1.97 0.00	42.29 2.15 0.00	38.96 2.11 0.00	53.56 2.76 0.00	46.05 2.44 0.00	49.14 2.59 0.00	50.69 2.76 0.00	64.13 3.45 0.00	70.69 4.30 0.00	70.81 5.07 0.00	88.22 6.90 0.00	94.65 7.17 0.00	121.90 9.18 0.00	381.46 29.62 0.00	772.81 62.57 0.00	622.28 52.60 0.00	611.12 56.22 0.00	208.94 19.47 0.00	140.36 12.35 0.00	101.37 7.90 0.00	94.25 6.23 0.00
JERICHO_RISE_WT_PWR 323719	61.25 -1.62 0.00	51.15 -1.29 0.00	45.22 -1.36 0.00	35.91 -0.96 0.00	39.33 -0.81 0.00	36.34 -0.51 0.00	50.34 -0.46 0.00	43.48 -0.13 0.00	46.62 0.07 0.00	48.08 0.14 0.00	60.67 -0.01 0.00	65.53 -0.87 0.00	63.61 -2.13 0.00	46.37 -4.15 30.80	83.23 -4.25 0.00	107.17 -5.56 0.00	335.24 -16.59 0.00	682.07 -28.17 0.00	549.32 -20.36 0.00	534.86 -20.05 0.00	182.34 -7.12 0.00	123.46 -4.54 0.00	91.15 -2.32 0.00	87.38 -0.64 0.00
KATONAH__115KV_46KV_TB4 355592	65.19 2.32 0.00	54.50 2.07 0.00	48.93 2.37 0.00	38.72 1.85 0.00	42.01 1.86 0.00	38.76 1.61 -0.30	52.88 2.07 0.00	45.64 2.03 0.00	48.70 2.15 0.00	50.82 2.45 -0.43	63.98 3.30 0.00	70.78 4.38 0.00	71.36 5.62 0.00	89.69 8.37 0.00	96.81 9.33 0.00	125.29 12.56 0.00	392.05 40.53 0.31	792.62 83.15 0.77	634.43 64.75 0.00	614.07 59.17 0.00	208.26 18.80 0.00	139.18 11.17 0.00	100.19 6.71 0.00	92.23 4.21 0.00
KCE_NY_1 323755	65.84 2.97 0.00	54.88 2.44 0.00	48.93 2.35 0.00	38.66 1.79 0.00	42.06 1.92 0.00	38.30 1.73 0.27	53.20 2.40 0.00	45.67 2.07 0.00	48.37 1.83 0.00	49.31 1.77 0.39	63.06 2.39 0.00	69.48 3.08 0.00	69.18 3.45 0.00	86.61 5.29 0.00	93.50 6.02 0.00	120.48 7.76 0.00	377.61 25.89 0.11	767.00 57.03 0.28	617.38 47.70 0.00	601.14 46.23 0.00	204.06 14.60 0.00	137.97 9.96 0.00	100.05 6.57 0.00	93.09 5.07 0.00
KCE_NY_6_ESR 323823	66.49 3.62 0.00	54.40 1.96 0.00	47.19 0.63 0.00	36.98 0.12 0.00	40.33 0.19 0.00	37.14 0.30 0.00	51.26 0.46 0.00	44.27 0.67 0.00	48.36 1.82 0.00	50.29 2.36 0.00	63.98 3.31 0.00	70.65 4.25 0.00	71.35 5.62 0.00	87.25 5.93 0.00	92.83 5.35 0.00	119.49 6.77 0.00	371.43 19.60 0.00	752.40 42.16 0.00	598.44 28.76 0.00	586.35 31.45 0.00	202.30 12.84 0.00	135.74 7.73 0.00	98.41 4.93 0.00	93.24 5.22 0.00
KEDC_PORT_JEFF_GT2 24210	61.25 1.84 3.46	54.74 2.30 0.00	49.62 3.05 0.00	39.04 2.18 0.00	42.27 2.13 0.00	38.92 1.77 -0.30	52.65 1.84 0.00	45.40 1.80 0.00	46.72 1.33 1.16	41.64 1.79 8.08	63.32 3.29 0.64	68.23 4.14 2.30	72.42 6.01 -0.68	94.54 8.28 -4.94	143.85 9.89 -46.47	230.49 12.98 -104.78	406.75 37.47 -17.45	794.44 78.41 -5.79	623.84 56.69 2.53	582.24 44.24 16.91	193.09 14.16 10.54	133.81 7.92 2.12	102.04 4.53 -4.04	89.20 2.17 1.00
KEDC_PORT_JEFF_GT3 24211	61.25 1.84 3.46	54.74 2.30 0.00	49.62 3.05 0.00	39.04 2.18 0.00	42.27 2.13 0.00	38.92 1.77 -0.30	52.65 1.84 0.00	45.40 1.80 0.00	46.72 1.33 1.16	41.64 1.79 8.08	63.32 3.29 0.64	68.23 4.14 2.30	72.42 6.01 -0.68	94.54 8.28 -4.94	143.85 9.89 -46.47	230.49 12.98 -104.78	406.75 37.47 -17.45	794.44 78.41 -5.79	623.84 56.69 2.53	582.24 44.24 16.91	193.09 14.16 10.54	133.81 7.92 2.12	102.04 4.53 -4.04	89.20 2.17 1.00
KEDC_GLWD_GT4 24219	68.89 2.77 -3.25	55.05 2.61 0.00	49.58 3.00 0.00	39.16 2.29 0.00	42.47 2.33 0.00	39.15 2.00 -0.30	53.24 2.44 0.00	46.05 2.44 0.00	48.61 2.45 0.38	48.70 2.59 1.82	65.73 3.92 -1.14	75.07 4.73 -3.95	80.43 6.31 -8.38	101.10 9.21 -10.57	114.16 10.45 -16.22	153.71 13.91 -27.08	407.91 43.98 -12.10	807.29 91.26 -5.79	637.54 68.95 1.10	610.84 60.96 5.03	208.50 19.70 0.66	139.27 11.29 0.03	100.05 6.57 0.00	92.62 3.87 -0.72
KEDC_GLWD_GT5 24220	68.89 2.77 -3.25	55.05 2.61 0.00	49.58 3.00 0.00	39.16 2.29 0.00	42.47 2.33 0.00	39.15 2.00 -0.30	53.24 2.44 0.00	46.05 2.44 0.00	48.61 2.45 0.38	48.70 2.59 1.82	65.73 3.92 -1.14	75.07 4.73 -3.95	80.43 6.31 -8.38	101.10 9.21 -10.57	114.16 10.45 -16.22	153.71 13.91 -27.08	407.91 43.98 -12.10	807.29 91.26 -5.79	637.54 68.95 1.10	610.84 60.96 5.03	208.50 19.70 0.66	139.27 11.29 0.03	100.05 6.57 0.00	92.62 3.87 -0.72
KENSICO____ 23655	65.07 2.20 0.00	54.45 2.02 0.00	48.94 2.37 0.00	38.75 1.88 0.00	42.05 1.90 0.00	38.78 1.63 -0.30	52.86 2.06 0.00	45.67 2.06 0.00	48.70 2.16 0.00	50.81 2.45 -0.43	63.88 3.20 0.00	70.58 4.19 0.00	71.21 5.48 0.00	89.45 8.13 0.00	96.48 9.00 0.00	124.83 12.11 0.00	393.11 39.12 -2.16	795.69 80.13 -5.32	631.58 61.90 0.00	611.39 56.48 0.00	207.59 18.12 0.00	138.70 10.69 0.00	99.81 6.34 0.00	91.85 3.83 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	65.66 2.79 0.00	54.81 2.38 0.00	49.06 2.49 0.00	38.79 1.93 0.00	42.10 1.95 0.00	38.75 1.72 -0.18	53.10 2.30 0.00	45.82 2.21 0.00	48.89 2.35 0.00	50.80 2.61 -0.26	64.32 3.65 0.00	70.89 4.49 0.00	71.46 5.72 0.00	89.25 7.93 0.00	96.32 8.84 0.00	124.62 11.89 0.00	391.88 39.88 -0.16	794.52 83.89 -0.40	636.90 67.22 0.00	618.85 63.94 0.00	210.79 21.33 0.00	140.73 12.72 0.00	101.12 7.64 0.00	93.03 5.01 0.00

KIAC_JFK_GT1 23816	65.58 2.71 0.00	54.64 2.21 0.00	49.22 2.66 0.00	39.07 2.20 0.00	42.36 2.22 0.00	39.13 1.98 -0.30	53.23 2.43 0.00	46.10 2.50 0.00	49.11 2.56 0.00	52.00 2.74 -1.33	63.85 3.17 0.00	70.70 4.31 0.00	71.39 5.65 0.00	89.71 8.39 0.00	96.76 9.28 0.00	125.60 12.63 -0.25	395.52 41.29 -2.39	800.05 84.07 -5.74	636.86 65.32 -1.86	623.20 58.84 -9.45	211.00 18.85 -2.69	140.79 11.23 -1.56	100.36 6.89 0.00	91.99 3.97 0.00
KIAC_JFK_GT2 23817	65.58 2.71 0.00	54.64 2.21 0.00	49.22 2.66 0.00	39.07 2.20 0.00	42.36 2.22 0.00	39.13 1.98 -0.30	53.23 2.43 0.00	46.10 2.50 0.00	49.11 2.56 0.00	52.00 2.74 -1.33	63.85 3.17 0.00	70.70 4.31 0.00	71.39 5.65 0.00	89.71 8.39 0.00	96.76 9.28 0.00	125.60 12.63 -0.25	395.52 41.29 -2.39	800.05 84.07 -5.74	636.86 65.32 -1.86	623.20 58.84 -9.45	211.00 18.85 -2.69	140.79 11.23 -1.56	100.36 6.89 0.00	91.99 3.97 0.00
KIAC_JFK____ 323774	65.59 2.72 0.00	54.64 2.21 0.00	49.22 2.66 0.00	39.07 2.20 0.00	42.36 2.22 0.00	39.13 1.98 -0.30	53.23 2.43 0.00	46.11 2.50 0.00	49.11 2.56 0.00	51.99 2.73 -1.33	63.84 3.17 0.00	70.70 4.31 0.00	71.38 5.64 0.00	89.68 8.35 0.00	96.76 9.28 0.00	125.59 12.62 -0.25	395.50 41.27 -2.39	800.19 84.21 -5.74	636.69 65.15 -1.86	623.07 58.71 -9.45	211.00 18.84 -2.69	140.77 11.20 -1.56	100.36 6.89 0.00	91.99 3.97 0.00
KINTIGH__24_KV_GSU 356498	65.37 2.50 0.00	53.64 1.20 0.00	46.66 0.09 0.00	36.56 -0.31 0.00	39.85 -0.29 0.00	36.67 -0.18 0.00	50.54 -0.26 0.00	43.63 0.03 0.00	47.52 0.98 0.00	49.38 1.45 0.00	62.70 2.03 0.00	69.07 2.68 0.00	69.57 3.83 0.00	84.91 3.59 0.00	90.43 2.95 0.00	116.33 3.61 0.00	360.26 8.43 0.00	725.99 15.75 0.00	577.14 7.46 0.00	566.11 11.20 0.00	196.23 6.76 0.00	132.55 4.54 0.00	96.22 2.74 0.00	91.27 3.25 0.00
KINTIGH____ 23543	65.32 2.45 0.00	53.60 1.16 0.00	46.62 0.04 0.00	36.53 -0.34 0.00	39.81 -0.33 0.00	36.64 -0.21 0.00	50.49 -0.31 0.00	43.60 0.00 0.00	47.48 0.94 0.00	49.33 1.40 0.00	62.64 1.97 0.00	69.02 2.63 0.00	69.51 3.78 0.00	84.83 3.51 0.00	90.36 2.88 0.00	116.23 3.51 0.00	360.46 8.62 0.00	726.59 16.35 0.00	577.56 7.89 0.00	566.62 11.71 0.00	196.22 6.76 0.00	132.33 4.32 0.00	96.15 2.67 0.00	91.18 3.16 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	61.83 -1.04 0.00	51.66 -0.77 0.00	45.84 -0.74 0.00	36.33 -0.54 0.00	39.77 -0.37 0.00	36.68 -0.17 0.00	50.85 0.05 0.00	43.95 0.34 0.00	47.10 0.56 0.00	48.57 0.64 0.00	61.34 0.66 0.00	66.27 -0.12 0.00	64.31 -1.42 0.00	70.65 -3.26 7.42	84.24 -3.24 0.00	108.49 -4.24 0.00	339.23 -12.60 0.00	692.39 -17.85 0.00	558.38 -11.30 0.00	544.83 -10.08 0.00	185.52 -3.94 0.00	125.60 -2.41 0.00	92.35 -1.12 0.00	88.42 0.40 0.00
LACHUTE____HYDRO 323717	70.49 7.61 0.00	58.25 5.81 0.00	51.86 5.29 0.00	40.80 3.93 0.00	44.52 4.37 0.00	40.34 3.76 0.26	56.41 5.61 0.00	48.41 4.81 0.00	50.88 4.33 0.00	51.45 3.90 0.38	66.31 5.63 0.00	73.37 6.98 0.00	72.39 6.66 0.00	91.50 10.17 0.00	99.71 12.22 0.00	127.95 15.23 0.00	394.66 42.94 0.11	811.42 101.46 0.27	652.56 82.88 0.00	637.31 82.41 0.00	216.62 27.16 0.00	148.12 20.11 0.00	107.39 13.92 0.00	100.07 12.05 0.00
LAWRNCAY_115KV_TB1 80681	62.83 -0.04 0.00	52.42 -0.02 0.00	46.20 -0.37 0.00	36.75 -0.12 0.00	40.19 0.05 0.00	37.10 0.26 0.00	51.25 0.45 0.00	43.90 0.29 0.00	46.60 0.05 0.00	47.76 -0.17 0.00	60.13 -0.54 0.00	64.97 -1.42 0.00	62.69 -3.04 0.00	-278.74 -6.54 353.53	80.76 -6.72 0.00	103.88 -8.84 0.00	324.65 -27.19 0.00	660.57 -49.67 0.00	534.70 -34.99 0.00	521.76 -33.15 0.00	178.58 -10.88 0.00	121.92 -6.09 0.00	91.59 -1.89 0.00	88.32 0.30 0.00
LEDERLE____ 23769	65.17 2.30 0.00	54.49 2.05 0.00	48.89 2.33 0.00	38.70 1.83 0.00	41.98 1.84 0.00	38.67 1.55 -0.28	52.77 1.97 0.00	45.58 1.98 0.00	48.66 2.12 0.00	50.81 2.48 -0.40	64.00 3.33 0.00	70.84 4.44 0.00	71.49 5.76 0.00	89.81 8.49 0.00	96.87 9.38 0.00	125.42 12.70 0.00	394.20 40.89 -1.48	796.83 82.96 -3.64	633.95 64.27 0.00	613.79 58.88 0.00	208.24 18.78 0.00	139.06 11.05 0.00	99.99 6.51 0.00	92.01 3.99 0.00
LIGHTHSE_115KV_TB6 355974	62.68 -0.19 0.00	52.15 -0.29 0.00	46.41 -0.16 0.00	36.76 -0.11 0.00	40.22 0.08 0.00	36.96 0.11 0.00	51.14 0.34 0.00	43.90 0.29 0.00	46.91 0.36 0.00	48.21 0.29 0.00	60.82 0.15 0.00	66.57 0.17 0.00	65.92 0.19 0.00	51.10 0.10 30.32	87.64 0.15 0.00	112.69 -0.03 0.00	351.19 -0.65 0.00	706.56 -3.68 0.00	570.78 1.10 0.00	557.90 2.99 0.00	192.03 2.57 0.00	130.48 2.47 0.00	95.66 2.18 0.00	89.53 1.50 0.00
LINDEN COGEN____ 23786	64.95 2.08 0.00	54.36 1.92 0.00	48.96 2.39 0.00	38.86 1.99 0.00	42.15 2.00 0.00	38.89 1.74 -0.30	52.92 2.12 0.00	45.84 2.23 0.00	48.92 2.37 0.00	51.05 2.69 -0.43	63.87 3.19 0.00	70.56 4.17 0.00	71.29 5.56 0.00	89.52 8.20 0.00	96.55 9.07 0.00	124.38 12.18 0.52	393.03 39.38 -1.81	795.40 80.46 -4.70	631.58 61.90 0.00	611.07 56.16 0.00	207.62 18.16 0.00	138.40 10.40 0.00	99.64 6.16 0.00	91.46 3.44 0.00
LINDHRST_69_KV_BK1 356055	64.39 2.83 1.32	55.33 2.89 0.00	50.03 3.46 0.00	39.37 2.51 0.00	42.66 2.52 0.00	39.29 2.15 -0.30	53.30 2.49 0.00	46.11 2.50 0.00	47.80 2.25 1.00	43.97 2.80 6.76	64.94 4.27 0.00	71.59 5.22 0.03	76.22 7.05 -3.43	99.31 10.27 -7.72	108.55 11.68 -9.39	147.57 15.35 -19.49	405.31 46.89 -6.59	815.40 99.38 -5.79	641.16 74.58 3.10	601.06 63.57 17.42	200.97 20.77 9.26	138.29 11.99 1.71	106.28 7.02 -5.79	91.77 4.21 0.46
LIPA_MISC_IPP 23656	61.14 1.80 3.52	54.57 2.13 0.00	49.46 2.89 0.00	38.90 2.03 0.00	42.11 1.97 0.00	38.75 1.60 -0.30	52.41 1.60 0.00	45.23 1.62 0.00	46.62 1.24 1.16	41.55 1.74 8.12	63.21 3.18 0.65	68.10 4.04 2.34	72.33 5.99 -0.60	94.40 8.93 -4.15	124.24 10.40 -26.37	188.01 13.51 -61.78	401.77 38.85 -11.09	798.34 82.31 -5.79	627.66 60.53 2.55	586.08 48.17 16.99	194.30 15.44 10.60	134.75 8.88 2.13	102.27 4.69 -4.11	89.12 2.11 1.01
LISF____SOLAR 323691	61.28 1.90 3.50	54.73 2.29 0.00	49.59 3.01 0.00	38.99 2.12 0.00	42.20 2.06 0.00	38.83 1.69 -0.30	52.54 1.73 0.00	45.35 1.74 0.00	46.75 1.37 1.16	41.61 1.79 8.11	63.33 3.30 0.65	68.27 4.19 2.31	72.53 6.17 -0.63	94.77 8.99 -4.46	127.09 10.68 -28.93	193.74 13.88 -67.14	403.98 40.26 -11.89	801.85 85.82 -5.79	630.17 63.03 2.54	588.02 50.08 16.96	195.00 16.12 10.58	134.99 9.11 2.13	102.98 5.08 -4.43	89.42 2.41 1.01
LITTLE FALLS____HYD 24013	63.96 1.09 0.00	53.21 0.78 0.00	47.59 1.01 0.00	37.54 0.67 0.00	40.85 0.71 0.00	37.48 0.64 0.00	51.54 0.74 0.00	43.65 0.05 0.00	45.85 -0.69 0.00	46.95 -0.98 0.00	59.51 -1.17 0.00	65.74 -0.65 0.00	66.10 0.37 0.00	77.15 2.18 6.35	90.09 2.61 0.00	116.28 3.56 0.00	362.95 11.12 0.00	741.62 31.38 0.00	603.16 33.48 0.00	592.08 37.17 0.00	201.98 12.52 0.00	136.21 8.21 0.00	98.18 4.71 0.00	90.56 2.54 0.00

LITTLRIV_115KV_TB1 356100	63.95 1.08 0.00	53.37 0.93 0.00	47.02 0.44 0.00	37.38 0.52 0.00	40.90 0.76 0.00	37.76 0.91 0.00	52.17 1.37 0.00	44.58 0.98 0.00	47.08 0.53 0.00	48.08 0.15 0.00	60.50 -0.17 0.00	65.31 -1.09 0.00	63.01 -2.72 0.00	-262.55 -6.25 337.62	80.98 -6.50 0.00	104.28 -8.44 0.00	325.63 -26.20 0.00	664.89 -45.35 0.00	541.44 -28.24 0.00	531.37 -23.53 0.00	182.20 -7.26 0.00	124.41 -3.60 0.00	93.38 -0.10 0.00	89.96 1.94 0.00
LI_NEWBRDGE___DRP 323616	59.85 1.90 4.92	54.49 2.06 0.00	49.25 2.68 0.00	38.82 1.95 0.00	42.08 1.93 0.00	38.78 1.63 -0.30	52.59 1.79 0.00	45.45 1.85 0.00	46.90 1.60 1.25	40.95 2.05 9.02	62.77 3.14 1.04	66.63 3.85 3.61	70.21 5.56 1.09	88.64 8.33 1.01	98.65 9.50 -1.67	138.36 12.53 -13.11	393.52 38.66 -3.04	798.43 82.40 -5.79	627.85 61.34 3.16	586.59 52.14 20.46	193.98 16.94 12.42	134.90 9.54 2.65	98.72 5.25 0.00	89.37 2.71 1.36
LOCKPORT_115KV_TB60_63_64 80432	65.79 2.92 0.00	53.88 1.44 0.00	46.62 0.05 0.00	36.43 -0.43 0.00	39.73 -0.41 0.00	36.58 -0.27 0.00	50.38 -0.42 0.00	43.54 -0.07 0.00	47.48 0.93 0.00	49.30 1.37 0.00	62.69 2.02 0.00	69.08 2.69 0.00	69.71 3.97 0.00	84.49 3.17 0.00	89.68 2.20 0.00	115.50 2.77 0.00	358.91 7.08 0.00	727.34 17.10 0.00	578.61 8.93 0.00	568.65 13.75 0.00	196.42 6.96 0.00	131.91 3.90 0.00	95.96 2.49 0.00	91.64 3.62 0.00
LOCKPORT___CC1 323769	65.49 2.62 0.00	53.62 1.18 0.00	46.41 -0.16 0.00	36.26 -0.60 0.00	39.54 -0.60 0.00	36.42 -0.43 0.00	50.17 -0.64 0.00	43.33 -0.28 0.00	47.27 0.72 0.00	49.11 1.18 0.00	62.41 1.73 0.00	68.76 2.36 0.00	69.40 3.66 0.00	84.18 2.86 0.00	89.31 1.83 0.00	115.03 2.31 0.00	357.29 5.46 0.00	724.15 13.91 0.00	575.81 6.13 0.00	565.78 10.88 0.00	195.47 6.01 0.00	131.39 3.38 0.00	95.53 2.05 0.00	91.20 3.18 0.00
LOCKPORT___CC2 323770	65.49 2.62 0.00	53.62 1.18 0.00	46.41 -0.16 0.00	36.26 -0.60 0.00	39.54 -0.60 0.00	36.42 -0.43 0.00	50.17 -0.64 0.00	43.33 -0.28 0.00	47.27 0.72 0.00	49.11 1.18 0.00	62.41 1.73 0.00	68.76 2.36 0.00	69.40 3.66 0.00	84.18 2.86 0.00	89.31 1.83 0.00	115.03 2.31 0.00	357.29 5.46 0.00	724.15 13.91 0.00	575.81 6.13 0.00	565.78 10.88 0.00	195.47 6.01 0.00	131.39 3.38 0.00	95.53 2.05 0.00	91.20 3.18 0.00
LOCKPORT___CC3 323771	65.49 2.62 0.00	53.62 1.18 0.00	46.41 -0.16 0.00	36.26 -0.60 0.00	39.54 -0.60 0.00	36.42 -0.43 0.00	50.17 -0.64 0.00	43.33 -0.28 0.00	47.27 0.72 0.00	49.11 1.18 0.00	62.41 1.73 0.00	68.76 2.36 0.00	69.40 3.66 0.00	84.18 2.86 0.00	89.31 1.83 0.00	115.03 2.31 0.00	357.29 5.46 0.00	724.15 13.91 0.00	575.81 6.13 0.00	565.78 10.88 0.00	195.47 6.01 0.00	131.39 3.38 0.00	95.53 2.05 0.00	91.20 3.18 0.00
LOCUSVLY_69_KV_BK2 55797	67.33 2.77 -1.68	55.18 2.74 0.00	49.77 3.20 0.00	39.25 2.39 0.00	42.56 2.42 0.00	39.21 2.06 -0.30	53.25 2.45 0.00	46.05 2.44 0.00	48.32 2.37 0.59	47.16 2.82 3.59	65.63 4.23 -0.73	74.07 5.15 -2.52	79.20 6.88 -6.59	99.77 10.08 -8.37	112.34 11.38 -13.47	152.15 15.08 -24.35	409.25 47.22 -10.20	814.96 98.93 -5.79	642.29 74.48 1.87	610.45 65.51 9.96	207.06 21.35 3.75	139.46 12.26 0.80	100.51 7.03 0.00	92.58 4.25 -0.32
LONG_LAKE_PHOENIX 24014	62.39 -0.48 0.00	51.86 -0.58 0.00	45.98 -0.59 0.00	36.33 -0.53 0.00	39.56 -0.58 0.00	36.34 -0.50 0.00	50.15 -0.65 0.00	43.08 -0.53 0.00	46.10 -0.45 0.00	47.40 -0.53 0.00	59.93 -0.74 0.00	65.87 -0.52 0.00	65.70 -0.03 0.00	71.35 0.15 10.13	87.63 0.15 0.00	112.85 0.13 0.00	351.47 -0.36 0.00	704.02 -6.22 0.00	564.69 -4.98 0.00	551.66 -3.25 0.00	189.29 -0.17 0.00	128.39 0.38 0.00	93.23 -0.24 0.00	87.38 -0.64 0.00
LOVETT___3 23632	64.59 1.72 0.00	54.06 1.62 0.00	48.58 2.00 0.00	38.45 1.59 0.00	41.72 1.58 0.00	38.43 1.30 -0.28	52.41 1.61 0.00	45.25 1.64 0.00	48.26 1.71 0.00	50.35 2.01 -0.41	63.34 2.67 0.00	70.05 3.65 0.00	70.63 4.90 0.00	88.72 7.40 0.00	95.70 8.21 0.00	123.85 11.13 0.00	389.22 35.81 -1.58	787.20 73.07 -3.89	626.41 56.73 0.00	606.53 51.62 0.00	205.88 16.42 0.00	137.56 9.55 0.00	98.96 5.49 0.00	91.13 3.11 0.00
LOVETT___4 23642	64.59 1.72 0.00	54.06 1.62 0.00	48.58 2.00 0.00	38.45 1.59 0.00	41.72 1.58 0.00	38.43 1.30 -0.28	52.41 1.61 0.00	45.25 1.64 0.00	48.26 1.71 0.00	50.35 2.01 -0.41	63.34 2.67 0.00	70.05 3.65 0.00	70.63 4.90 0.00	88.72 7.40 0.00	95.70 8.21 0.00	123.85 11.13 0.00	389.22 35.81 -1.58	787.20 73.07 -3.89	626.41 56.73 0.00	606.53 51.62 0.00	205.88 16.42 0.00	137.56 9.55 0.00	98.96 5.49 0.00	91.13 3.11 0.00
LOVETT___5 23593	64.59 1.72 0.00	54.06 1.62 0.00	48.58 2.00 0.00	38.45 1.59 0.00	41.72 1.58 0.00	38.43 1.30 -0.28	52.41 1.61 0.00	45.25 1.64 0.00	48.26 1.71 0.00	50.35 2.01 -0.41	63.34 2.67 0.00	70.05 3.65 0.00	70.63 4.90 0.00	88.72 7.40 0.00	95.70 8.21 0.00	123.85 11.13 0.00	389.22 35.81 -1.58	787.20 73.07 -3.89	626.41 56.73 0.00	606.53 51.62 0.00	205.88 16.42 0.00	137.56 9.55 0.00	98.96 5.49 0.00	91.13 3.11 0.00
LOWER RAQUET___HYD 24057	62.77 -0.10 0.00	52.38 -0.05 0.00	46.19 -0.38 0.00	36.74 -0.12 0.00	40.20 0.05 0.00	37.12 0.27 0.00	51.28 0.48 0.00	43.88 0.27 0.00	46.49 -0.05 0.00	47.61 -0.32 0.00	59.93 -0.75 0.00	64.73 -1.66 0.00	62.42 -3.31 0.00	-248.29 -6.93 322.68	80.32 -7.16 0.00	103.35 -9.38 0.00	322.89 -28.94 0.00	657.48 -52.76 0.00	532.94 -36.73 0.00	520.41 -34.49 0.00	178.16 -11.30 0.00	121.83 -6.18 0.00	91.74 -1.73 0.00	88.47 0.44 0.00
LOWER___HUDSON 24059	64.46 1.59 0.00	53.82 1.39 0.00	48.07 1.50 0.00	37.98 1.11 0.00	41.30 1.16 0.00	37.45 0.96 0.35	52.17 1.37 0.00	44.68 1.08 0.00	47.33 0.78 0.00	48.14 0.72 0.51	61.84 1.16 0.00	68.09 1.69 0.00	67.84 2.10 0.00	85.07 3.75 0.00	91.73 4.25 0.00	118.27 5.54 0.00	370.38 18.67 0.12	751.17 41.24 0.30	603.57 33.89 0.00	586.95 32.04 0.00	199.19 9.72 0.00	134.68 6.67 0.00	97.70 4.23 0.00	91.02 2.99 0.00
LOWVILLE_115KV_TB2 356335	63.05 0.18 0.00	52.70 0.26 0.00	47.18 0.61 0.00	37.58 0.71 0.00	41.40 1.26 0.00	38.16 1.32 0.00	52.95 2.15 0.00	45.42 1.81 0.00	48.25 1.71 0.00	49.57 1.64 0.00	62.42 1.75 0.00	67.98 1.59 0.00	66.54 0.80 0.00	-5.85 0.32 87.49	88.06 0.58 0.00	113.53 0.80 0.00	354.56 2.73 0.00	719.56 9.32 0.00	585.83 16.15 0.00	572.93 18.03 0.00	197.31 7.85 0.00	134.24 6.23 0.00	99.18 5.70 0.00	92.98 4.96 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	65.81 2.94 0.00	54.86 2.42 0.00	48.92 2.35 0.00	38.63 1.77 0.00	42.05 1.90 0.00	38.27 1.70 0.27	53.19 2.39 0.00	45.59 1.98 0.00	48.30 1.76 0.00	49.22 1.68 0.39	62.95 2.28 0.00	69.36 2.97 0.00	69.08 3.34 0.00	86.48 5.16 0.00	93.34 5.86 0.00	120.32 7.60 0.00	376.93 25.21 0.11	765.68 55.72 0.28	616.44 46.76 0.00	600.23 45.32 0.00	203.88 14.42 0.00	137.75 9.74 0.00	99.89 6.41 0.00	92.98 4.96 0.00

LUTHERNY_35_KV_BK2 355980	65.84 2.97 0.00	54.87 2.44 0.00	48.93 2.36 0.00	38.66 1.79 0.00	42.06 1.92 0.00	38.30 1.73 0.27	53.20 2.40 0.00	45.67 2.06 0.00	48.37 1.83 0.00	49.31 1.77 0.39	63.06 2.39 0.00	69.48 3.08 0.00	69.19 3.45 0.00	86.60 5.28 0.00	93.50 6.02 0.00	120.47 7.75 0.00	377.61 25.89 0.11	767.00 57.04 0.28	617.44 47.76 0.00	601.34 46.43 0.00	204.10 14.64 0.00	137.97 9.96 0.00	100.04 6.57 0.00	93.09 5.07 0.00
LWR___OSWEGATCHIE_HYD 23850	62.88 0.01 0.00	52.48 0.04 0.00	46.63 0.06 0.00	37.11 0.24 0.00	40.76 0.61 0.00	37.59 0.74 0.00	52.06 1.26 0.00	44.60 0.99 0.00	47.31 0.77 0.00	48.50 0.57 0.00	61.05 0.37 0.00	66.18 -0.22 0.00	64.25 -1.49 0.00	-131.72 -3.61 209.43	83.90 -3.58 0.00	108.00 -4.73 0.00	337.46 -14.37 0.00	685.39 -24.85 0.00	557.63 -12.05 0.00	544.83 -10.08 0.00	187.39 -2.07 0.00	127.95 -0.06 0.00	95.54 2.06 0.00	90.71 2.69 0.00
LYONS_FALL_HYD 23570	63.73 0.86 0.00	53.19 0.76 0.00	47.47 0.90 0.00	37.70 0.84 0.00	41.34 1.20 0.00	38.08 1.23 0.00	52.74 1.94 0.00	45.22 1.61 0.00	48.07 1.52 0.00	49.37 1.44 0.00	62.34 1.67 0.00	68.08 1.69 0.00	67.10 1.36 0.00	24.84 1.43 57.91	89.13 1.65 0.00	114.91 2.19 0.00	359.00 7.16 0.00	727.81 17.57 0.00	589.38 19.70 0.00	576.27 21.36 0.00	197.87 8.40 0.00	134.18 6.18 0.00	98.52 5.05 0.00	92.21 4.19 0.00
MADISON___COUNTY_LFGE 323628	65.05 2.18 0.00	54.12 1.69 0.00	48.04 1.47 0.00	38.01 1.15 0.00	41.43 1.29 0.00	38.11 1.26 0.00	52.64 1.84 0.00	45.11 1.50 0.00	47.78 1.23 0.00	48.90 0.98 0.00	61.93 1.26 0.00	68.07 1.67 0.00	67.80 2.06 0.00	66.74 2.90 17.47	90.60 3.12 0.00	116.80 4.07 0.00	364.83 12.99 0.00	737.41 27.18 0.00	593.56 23.88 0.00	581.35 26.44 0.00	199.25 9.79 0.00	134.44 6.43 0.00	97.69 4.21 0.00	91.10 3.08 0.00
MALONE___115KV_TB1 356076	62.38 -0.49 0.00	52.02 -0.41 0.00	45.93 -0.64 0.00	36.47 -0.39 0.00	39.92 -0.22 0.00	36.91 0.06 0.00	51.12 0.31 0.00	44.07 0.47 0.00	47.13 0.59 0.00	48.54 0.61 0.00	61.17 0.50 0.00	66.16 -0.23 0.00	64.17 -1.57 0.00	-26.79 -4.01 104.10	83.68 -3.80 0.00	107.52 -5.20 0.00	336.29 -15.55 0.00	685.15 -25.09 0.00	554.63 -15.04 0.00	540.07 -14.84 0.00	184.37 -5.09 0.00	125.12 -2.88 0.00	92.72 -0.76 0.00	88.72 0.70 0.00
MAPLEWOD_115KV_TB3 80458	64.00 1.13 0.00	53.43 1.00 0.00	47.73 1.16 0.00	37.71 0.85 0.00	40.99 0.85 0.00	37.27 0.68 0.26	51.77 0.97 0.00	44.32 0.72 0.00	47.05 0.50 0.00	48.04 0.49 0.38	61.57 0.89 0.00	67.83 1.44 0.00	67.70 1.97 0.00	84.80 3.48 0.00	91.42 3.94 0.00	117.92 5.19 0.00	369.37 17.65 0.12	748.36 38.41 0.30	600.96 31.29 0.00	584.23 29.33 0.00	198.33 8.86 0.00	133.75 5.74 0.00	96.93 3.46 0.00	90.31 2.29 0.00
MAPLE_RIDGE_WT_1 323574	61.83 -1.04 0.00	51.67 -0.77 0.00	45.99 -0.57 0.00	36.53 -0.34 0.00	39.90 -0.24 0.00	36.62 -0.22 0.00	50.59 -0.21 0.00	43.52 -0.09 0.00	46.49 -0.06 0.00	47.83 -0.10 0.00	60.46 -0.22 0.00	65.97 -0.43 0.00	65.05 -0.69 0.00	88.06 -1.07 -7.81	86.36 -1.13 0.00	111.25 -1.47 0.00	347.43 -4.41 0.00	702.14 -8.10 0.00	563.56 -6.12 0.00	549.00 -5.91 0.00	187.41 -2.05 0.00	126.70 -1.31 0.00	92.74 -0.73 0.00	87.59 -0.43 0.00
MAPLE_RIDGE_WT_2 323611	61.83 -1.04 0.00	51.67 -0.77 0.00	45.99 -0.57 0.00	36.53 -0.34 0.00	39.90 -0.24 0.00	36.62 -0.22 0.00	50.59 -0.21 0.00	43.52 -0.09 0.00	46.49 -0.06 0.00	47.83 -0.10 0.00	60.46 -0.22 0.00	65.97 -0.43 0.00	65.05 -0.69 0.00	88.06 -1.07 -7.81	86.36 -1.13 0.00	111.25 -1.47 0.00	347.43 -4.41 0.00	702.14 -8.10 0.00	563.56 -6.12 0.00	549.00 -5.91 0.00	187.41 -2.05 0.00	126.70 -1.31 0.00	92.74 -0.73 0.00	87.59 -0.43 0.00
MARBLE_RIVER_WT_PWR 323696	61.21 -1.66 0.00	51.14 -1.30 0.00	45.26 -1.31 0.00	35.92 -0.95 0.00	39.34 -0.80 0.00	36.36 -0.49 0.00	50.36 -0.44 0.00	43.49 -0.12 0.00	46.62 0.07 0.00	48.09 0.16 0.00	60.70 0.03 0.00	65.59 -0.81 0.00	63.74 -2.00 0.00	76.40 -3.96 0.97	83.49 -3.99 0.00	107.52 -5.20 0.00	336.20 -15.63 0.00	684.08 -26.16 0.00	550.59 -19.09 0.00	536.46 -18.44 0.00	182.81 -6.66 0.00	123.79 -4.22 0.00	91.27 -2.21 0.00	87.46 -0.56 0.00
MARSHVLE_115KV_TB1 80742	67.24 4.37 0.00	56.04 3.61 0.00	49.58 3.00 0.00	39.20 2.34 0.00	42.74 2.59 0.00	39.16 2.48 0.16	54.30 3.50 0.00	46.11 2.50 0.00	48.87 2.32 0.00	49.98 2.28 0.23	63.40 2.73 0.00	69.41 3.01 0.00	68.69 2.96 0.00	84.65 3.33 0.00	90.82 3.34 0.00	116.81 4.08 0.00	365.15 13.39 0.07	739.15 29.10 0.18	598.46 28.78 0.00	592.01 37.11 0.00	203.98 14.52 0.00	138.04 10.03 0.00	100.37 6.90 0.00	94.27 6.25 0.00
MARSH_HILL_WT_PWR 323713	64.65 1.78 0.00	53.46 1.02 0.00	47.02 0.45 0.00	37.23 0.36 0.00	40.83 0.69 0.00	37.62 0.78 0.00	52.06 1.26 0.00	44.68 1.07 0.00	48.19 1.64 0.00	49.63 1.70 0.00	62.70 2.03 0.00	69.25 2.85 0.00	69.97 4.24 0.00	86.57 5.25 0.00	92.29 4.81 0.00	119.17 6.44 0.00	371.74 19.91 0.00	749.17 38.94 0.00	601.19 31.51 0.00	594.17 39.26 0.00	205.53 16.07 0.00	137.57 9.56 0.00	98.93 5.46 0.00	93.03 5.01 0.00
MCINTYRE_115KV_TB2 80467	64.52 1.65 0.00	53.84 1.40 0.00	47.39 0.82 0.00	37.67 0.81 0.00	41.19 1.05 0.00	38.02 1.18 0.00	52.53 1.73 0.00	44.85 1.24 0.00	47.31 0.76 0.00	48.31 0.38 0.00	60.82 0.15 0.00	65.62 -0.78 0.00	63.29 -2.45 0.00	-286.21 -5.87 361.65	81.39 -6.09 0.00	104.84 -7.88 0.00	327.11 -24.73 0.00	669.51 -40.72 0.00	544.72 -24.96 0.00	536.69 -18.22 0.00	184.02 -5.45 0.00	125.44 -2.57 0.00	93.84 0.36 0.00	90.39 2.37 0.00
MECO_____69_KV_BK1 80468	67.93 5.06 0.00	56.55 4.11 0.00	50.14 3.57 0.00	39.60 2.73 0.00	43.13 2.99 0.00	39.48 2.81 0.18	54.77 3.97 0.00	46.50 2.89 0.00	48.84 2.29 0.00	49.60 1.93 0.25	62.92 2.25 0.00	69.02 2.62 0.00	68.54 2.81 0.00	84.93 3.60 0.00	91.26 3.78 0.00	117.57 4.85 0.00	369.27 17.52 0.09	752.39 42.37 0.21	613.99 44.31 0.00	608.57 53.66 0.00	209.39 19.93 0.00	141.21 13.20 0.00	102.28 8.81 0.00	95.61 7.59 0.00
MENANDS___115KV_TB5 355628	63.35 0.48 0.00	52.92 0.49 0.00	47.31 0.74 0.00	37.41 0.54 0.00	40.65 0.51 0.00	36.95 0.37 0.26	51.32 0.52 0.00	43.93 0.32 0.00	46.61 0.07 0.00	47.61 0.06 0.38	61.03 0.35 0.00	67.21 0.82 0.00	67.06 1.32 0.00	84.01 2.69 0.00	90.55 3.06 0.00	116.79 4.07 0.00	365.60 13.89 0.12	740.48 30.54 0.30	594.13 24.45 0.00	577.25 22.35 0.00	195.91 6.45 0.00	132.22 4.21 0.00	95.87 2.39 0.00	89.32 1.30 0.00
MG INDUSTRY___DRP 24185	62.03 -0.84 0.00	51.90 -0.54 0.00	46.44 -0.13 0.00	36.72 -0.15 0.00	39.93 -0.22 0.00	36.40 -0.31 0.14	50.33 -0.47 0.00	42.89 -0.72 0.00	45.41 -1.14 0.00	46.45 -1.28 0.21	59.20 -1.48 0.00	65.08 -1.32 0.00	64.84 -0.90 0.00	81.19 -0.13 0.00	87.49 0.01 0.00	112.79 0.07 0.00	352.04 0.32 0.11	712.18 2.20 0.26	573.29 3.61 0.00	558.89 3.98 0.00	190.23 0.77 0.00	128.37 0.37 0.00	93.30 -0.17 0.00	87.21 -0.81 0.00

MID___OSWEGATCHIE_HYD 23849	62.88 0.01 0.00	52.48 0.04 0.00	46.63 0.06 0.00	37.11 0.24 0.00	40.76 0.61 0.00	37.59 0.74 0.00	52.06 1.26 0.00	44.60 0.99 0.00	47.31 0.77 0.00	48.50 0.57 0.00	61.05 0.37 0.00	66.18 -0.22 0.00	64.25 -1.49 0.00	-131.72 -3.61 209.43	83.90 -3.58 0.00	108.00 -4.73 0.00	337.46 -14.37 0.00	685.39 -24.85 0.00	557.63 -12.05 0.00	544.83 -10.08 0.00	187.39 -2.07 0.00	127.95 -0.06 0.00	95.54 2.06 0.00	90.71 2.69 0.00
MID___RAQUETTE_HYD 23851	62.77 -0.10 0.00	52.38 -0.06 0.00	46.19 -0.38 0.00	36.74 -0.12 0.00	40.20 0.05 0.00	37.12 0.27 0.00	51.28 0.48 0.00	43.88 0.27 0.00	46.49 -0.05 0.00	47.61 -0.32 0.00	59.93 -0.75 0.00	64.73 -1.66 0.00	62.42 -3.31 0.00	-248.28 -6.93 322.68	80.31 -7.17 0.00	103.34 -9.39 0.00	322.89 -28.94 0.00	657.43 -52.81 0.00	532.99 -36.69 0.00	520.41 -34.49 0.00	178.16 -11.30 0.00	121.83 -6.18 0.00	91.74 -1.73 0.00	88.46 0.44 0.00
MILLIKEN___1 23584	65.10 2.23 0.00	53.97 1.54 0.00	47.79 1.23 0.00	37.79 0.93 0.00	41.17 1.02 0.00	37.85 1.00 0.00	52.16 1.36 0.00	44.82 1.21 0.00	47.86 1.31 0.00	49.11 1.18 0.00	62.08 1.41 0.00	68.28 1.89 0.00	68.52 2.78 0.00	79.79 3.74 5.27	91.19 3.71 0.00	117.54 4.82 0.00	366.59 14.75 0.00	738.63 28.39 0.00	594.75 25.07 0.00	584.21 29.30 0.00	200.51 11.05 0.00	135.30 7.30 0.00	97.95 4.47 0.00	91.54 3.52 0.00
MILLIKEN___2 23585	65.10 2.23 0.00	53.97 1.54 0.00	47.79 1.23 0.00	37.79 0.93 0.00	41.17 1.02 0.00	37.85 1.00 0.00	52.16 1.36 0.00	44.82 1.21 0.00	47.86 1.31 0.00	49.11 1.18 0.00	62.08 1.41 0.00	68.28 1.89 0.00	68.52 2.78 0.00	79.79 3.74 5.27	91.19 3.71 0.00	117.54 4.82 0.00	366.59 14.75 0.00	738.63 28.39 0.00	594.75 25.07 0.00	584.21 29.30 0.00	200.51 11.05 0.00	135.30 7.30 0.00	97.95 4.47 0.00	91.54 3.52 0.00
MILLIKEN___DIESEL 23629	65.10 2.23 0.00	53.97 1.54 0.00	47.79 1.23 0.00	37.79 0.93 0.00	41.17 1.02 0.00	37.85 1.00 0.00	52.16 1.36 0.00	44.82 1.21 0.00	47.86 1.31 0.00	49.11 1.18 0.00	62.08 1.41 0.00	68.28 1.89 0.00	68.52 2.78 0.00	79.79 3.74 5.27	91.19 3.71 0.00	117.54 4.82 0.00	366.59 14.75 0.00	738.63 28.39 0.00	594.75 25.07 0.00	584.21 29.30 0.00	200.51 11.05 0.00	135.30 7.30 0.00	97.95 4.47 0.00	91.54 3.52 0.00
MILLSEAT___LFGE 323607	67.32 4.45 0.00	55.10 2.66 0.00	47.73 1.16 0.00	37.33 0.46 0.00	40.71 0.56 0.00	37.49 0.64 0.00	51.71 0.91 0.00	44.69 1.08 0.00	48.36 1.81 0.00	49.88 1.95 0.00	63.39 2.72 0.00	69.89 3.49 0.00	70.54 4.80 0.00	85.84 4.52 0.00	91.16 3.67 0.00	117.57 4.84 0.00	365.29 13.46 0.00	741.40 31.16 0.00	591.81 22.13 0.00	583.40 28.49 0.00	201.45 11.99 0.00	135.22 7.21 0.00	97.94 4.47 0.00	92.96 4.94 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	64.90 2.03 0.00	54.31 1.87 0.00	48.80 2.23 0.00	38.63 1.77 0.00	41.92 1.78 0.00	38.65 1.50 -0.30	52.70 1.90 0.00	45.51 1.91 0.00	48.54 1.99 0.00	50.63 2.27 -0.43	63.65 2.98 0.00	70.36 3.97 0.00	70.95 5.21 0.00	89.12 7.80 0.00	96.12 8.64 0.00	124.35 11.62 0.00	391.28 37.48 -1.97	791.77 76.70 -4.84	629.30 59.62 0.00	609.30 54.40 0.00	206.83 17.37 0.00	138.25 10.24 0.00	99.50 6.03 0.00	91.60 3.58 0.00
MILLWOOD_13_KV_LOAD 356217	65.05 2.18 0.00	54.42 1.98 0.00	48.89 2.33 0.00	38.71 1.84 0.00	41.99 1.85 0.00	38.72 1.58 -0.30	52.81 2.00 0.00	45.60 1.99 0.00	48.64 2.09 0.00	50.74 2.38 -0.43	63.80 3.13 0.00	70.54 4.15 0.00	71.16 5.42 0.00	89.38 8.06 0.00	96.42 8.94 0.00	124.77 12.05 0.00	392.60 38.80 -1.97	794.61 79.53 -4.84	631.53 61.86 0.00	611.39 56.48 0.00	207.59 18.12 0.00	138.68 10.67 0.00	99.81 6.33 0.00	91.86 3.84 0.00
MODEL_CITY_ENERGY 24167	65.38 2.51 0.00	53.56 1.13 0.00	46.35 -0.21 0.00	36.22 -0.65 0.00	39.50 -0.64 0.00	36.36 -0.48 0.00	50.06 -0.74 0.00	43.22 -0.39 0.00	47.17 0.62 0.00	49.00 1.07 0.00	62.32 1.65 0.00	68.70 2.31 0.00	69.27 3.53 0.00	83.88 2.56 0.00	88.95 1.47 0.00	114.50 1.77 0.00	355.63 3.80 0.00	720.19 9.96 0.00	572.73 3.06 0.00	562.73 7.83 0.00	194.42 4.96 0.00	130.75 2.74 0.00	95.16 1.69 0.00	91.05 3.03 0.00
MODERN_LFGE___ 323580	65.38 2.51 0.00	53.56 1.13 0.00	46.35 -0.21 0.00	36.22 -0.65 0.00	39.50 -0.64 0.00	36.36 -0.48 0.00	50.06 -0.74 0.00	43.22 -0.39 0.00	47.17 0.62 0.00	49.00 1.07 0.00	62.32 1.65 0.00	68.70 2.31 0.00	69.27 3.53 0.00	83.88 2.56 0.00	88.95 1.47 0.00	114.50 1.77 0.00	355.63 3.80 0.00	720.19 9.96 0.00	572.73 3.06 0.00	562.73 7.83 0.00	194.42 4.96 0.00	130.75 2.74 0.00	95.16 1.69 0.00	91.05 3.03 0.00
MOHAWK_PAPER___DRP 24187	64.00 1.13 0.00	53.43 1.00 0.00	47.73 1.16 0.00	37.71 0.85 0.00	40.99 0.85 0.00	37.27 0.68 0.26	51.77 0.97 0.00	44.32 0.72 0.00	47.05 0.50 0.00	48.04 0.49 0.38	61.57 0.89 0.00	67.83 1.44 0.00	67.70 1.97 0.00	84.80 3.48 0.00	91.42 3.94 0.00	117.92 5.19 0.00	369.37 17.65 0.12	748.36 38.41 0.30	600.96 31.29 0.00	584.23 29.33 0.00	198.33 8.86 0.00	133.75 5.74 0.00	96.93 3.46 0.00	90.31 2.29 0.00
MOHICAN___35_KV_115KV_LD 80490	66.69 3.82 0.00	55.49 3.05 0.00	49.47 2.90 0.00	39.03 2.16 0.00	42.49 2.35 0.00	38.63 2.05 0.27	53.79 2.99 0.00	46.15 2.54 0.00	48.77 2.22 0.00	49.60 2.05 0.39	63.39 2.71 0.00	69.96 3.56 0.00	69.47 3.74 0.00	87.28 5.95 0.00	94.46 6.98 0.00	121.64 8.92 0.00	380.26 28.54 0.11	775.87 65.91 0.27	624.75 55.07 0.00	608.60 53.69 0.00	206.52 17.06 0.00	140.04 12.03 0.00	101.53 8.05 0.00	94.34 6.32 0.00
MONGAUP___HYD 23641	65.62 2.75 0.00	54.77 2.33 0.00	48.96 2.40 0.00	38.70 1.83 0.00	42.03 1.88 0.00	38.74 1.64 -0.25	53.03 2.23 0.00	45.61 2.00 0.00	48.46 1.91 0.00	50.17 1.89 -0.36	63.12 2.45 0.00	69.77 3.38 0.00	69.98 4.25 0.00	87.36 6.04 0.00	94.22 6.74 0.00	121.12 8.40 0.00	381.44 28.73 -0.87	774.96 62.57 -2.15	622.76 53.08 0.00	606.67 51.76 0.00	206.59 17.13 0.00	139.23 11.22 0.00	100.12 6.64 0.00	92.40 4.38 0.00
MONTAUK___DIESEL 23721	64.88 5.53 3.52	57.52 5.09 0.00	51.96 5.39 0.00	40.67 3.80 0.00	43.82 3.67 0.00	40.07 2.92 -0.30	53.85 3.04 0.00	45.99 2.38 0.00	47.74 2.35 1.16	42.51 2.70 8.12	65.48 5.46 0.65	70.69 6.63 2.33	75.33 8.99 -0.61	98.49 12.92 -4.25	129.35 14.55 -27.31	194.50 18.00 -63.77	410.97 47.75 -11.39	810.23 94.21 -5.79	634.83 67.70 2.54	589.81 51.88 16.98	194.50 15.63 10.60	134.74 8.86 2.13	101.60 3.93 -4.20	89.05 2.03 1.01
MOONROAD_115KV_HARTFLD_TB1-2 355988	67.87 5.00 0.00	55.47 3.03 0.00	48.18 1.61 0.00	37.89 1.02 0.00	41.27 1.13 0.00	38.05 1.20 0.00	52.62 1.82 0.00	45.47 1.86 0.00	49.73 3.18 0.00	51.66 3.73 0.00	65.68 5.01 0.00	72.76 6.36 0.00	73.03 7.29 0.00	90.10 8.78 0.00	95.86 8.38 0.00	123.60 10.88 0.00	383.94 32.11 0.00	777.38 67.14 0.00	616.96 47.28 0.00	604.44 49.53 0.00	208.13 18.67 0.00	139.09 11.08 0.00	100.47 7.00 0.00	95.08 7.06 0.00

MORRIS_RIDGE___SOLAR 323848	64.78 1.91 0.00	53.28 0.85 0.00	46.68 0.11 0.00	36.86 -0.01 0.00	40.33 0.19 0.00	37.15 0.30 0.00	51.27 0.47 0.00	43.93 0.32 0.00	47.32 0.77 0.00	48.84 0.91 0.00	61.81 1.14 0.00	68.36 1.96 0.00	68.97 3.23 0.00	85.07 3.75 0.00	90.60 3.11 0.00	116.80 4.08 0.00	363.79 11.96 0.00	734.02 23.78 0.00	588.08 18.41 0.00	581.44 26.53 0.00	201.16 11.70 0.00	135.03 7.03 0.00	97.72 4.24 0.00	92.07 4.04 0.00
MORTIMER_115KV_TB3 55949	65.81 2.94 0.00	54.11 1.68 0.00	47.27 0.70 0.00	37.11 0.24 0.00	40.42 0.28 0.00	37.20 0.35 0.00	51.32 0.52 0.00	44.32 0.71 0.00	48.02 1.47 0.00	49.80 1.87 0.00	63.27 2.60 0.00	69.71 3.32 0.00	70.06 4.32 0.00	85.95 4.63 0.00	91.84 4.36 0.00	118.44 5.71 0.00	367.98 16.15 0.00	741.87 31.64 0.00	591.71 22.03 0.00	579.71 24.80 0.00	199.69 10.23 0.00	134.41 6.40 0.00	97.35 3.87 0.00	91.83 3.81 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	65.34 2.47 0.00	54.68 2.25 0.00	49.21 2.65 0.00	39.01 2.14 0.00	42.32 2.17 0.00	39.04 1.89 -0.30	53.18 2.38 0.00	46.02 2.42 0.00	49.11 2.56 0.00	51.23 2.87 -0.43	64.23 3.56 0.00	70.95 4.55 0.00	71.64 5.90 0.00	89.98 8.65 0.00	97.01 9.52 0.00	125.55 12.83 0.00	395.53 41.35 -2.34	800.70 84.70 -5.76	635.09 65.41 0.00	614.49 59.58 0.00	208.66 19.20 0.00	139.28 11.27 0.00	100.26 6.78 0.00	92.13 4.11 0.00
MUNSVILLE_WIND_PWR 323609	68.74 5.87 0.00	56.94 4.51 0.00	50.39 3.82 0.00	39.79 2.93 0.00	43.45 3.30 0.00	40.10 3.26 0.00	55.30 4.49 0.00	47.54 3.93 0.00	50.58 4.03 0.00	51.97 4.04 0.00	65.61 4.94 0.00	72.51 6.11 0.00	72.41 6.67 0.00	90.28 8.96 0.00	96.83 9.35 0.00	124.73 12.00 0.00	391.04 39.20 0.00	794.26 84.02 0.00	642.31 72.63 0.00	633.50 78.60 0.00	216.75 27.29 0.00	145.49 17.48 0.00	104.77 11.30 0.00	97.40 9.37 0.00
N SALMON___HYD 24042	62.38 -0.49 0.00	52.03 -0.41 0.00	45.93 -0.64 0.00	36.47 -0.39 0.00	39.92 -0.22 0.00	36.91 0.06 0.00	51.12 0.32 0.00	44.07 0.47 0.00	47.13 0.58 0.00	48.54 0.61 0.00	61.17 0.50 0.00	66.16 -0.23 0.00	64.17 -1.57 0.00	-26.79 -4.01 104.10	83.68 -3.80 0.00	107.52 -5.20 0.00	336.29 -15.54 0.00	685.14 -25.10 0.00	554.70 -14.98 0.00	540.08 -14.83 0.00	184.37 -5.09 0.00	125.12 -2.88 0.00	92.72 -0.76 0.00	88.72 0.70 0.00
N.AKRON__115KV_KNAPP 355671	66.88 4.01 0.00	54.75 2.31 0.00	47.41 0.83 0.00	37.07 0.20 0.00	40.42 0.28 0.00	37.22 0.38 0.00	51.33 0.53 0.00	44.36 0.75 0.00	48.17 1.63 0.00	49.84 1.91 0.00	63.37 2.70 0.00	69.85 3.46 0.00	70.50 4.76 0.00	85.63 4.30 0.00	90.96 3.48 0.00	117.28 4.56 0.00	364.30 12.47 0.00	739.09 28.85 0.00	589.10 19.43 0.00	580.17 25.26 0.00	200.35 10.89 0.00	134.39 6.39 0.00	97.54 4.06 0.00	92.77 4.75 0.00
N.E_GEN_SANDY PD 24062	73.52 1.13 -9.52	55.41 1.04 -1.93	42.00 1.32 5.90	37.85 0.98 0.00	41.12 0.97 0.00	35.64 0.76 1.96	52.13 1.06 -0.27	44.82 0.93 -0.29	46.81 0.66 0.39	45.19 0.62 3.35	61.81 1.14 0.00	67.38 1.80 0.81	66.77 2.42 1.39	90.12 4.44 -4.36	92.55 5.07 0.00	119.42 6.70 0.00	373.82 22.20 0.22	604.20 47.32 153.35	506.87 37.26 100.07	589.06 34.15 0.00	160.27 10.15 39.34	157.87 6.66 -23.20	97.49 4.02 0.00	90.44 2.43 0.01
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	64.87 2.00 0.00	54.28 1.84 0.00	48.72 2.15 0.00	38.57 1.70 0.00	41.84 1.70 0.00	38.53 1.41 -0.28	52.56 1.76 0.00	45.38 1.77 0.00	48.43 1.88 0.00	50.56 2.23 -0.40	63.66 2.99 0.00	70.44 4.04 0.00	71.08 5.34 0.00	89.29 7.97 0.00	96.32 8.84 0.00	124.69 11.96 0.00	391.85 38.50 -1.52	792.62 78.65 -3.73	630.53 60.86 0.00	610.46 55.55 0.00	207.12 17.65 0.00	138.34 10.33 0.00	99.48 6.01 0.00	91.57 3.55 0.00
N.QUEENS_27_KV_LOAD 356247	65.19 2.31 -0.01	54.89 2.45 0.00	49.32 2.75 0.00	39.25 2.38 0.00	42.43 2.28 0.00	39.16 2.01 -0.30	53.15 2.35 0.00	46.12 2.51 0.00	49.15 2.61 0.00	51.50 2.65 -0.92	63.74 3.07 0.00	70.72 4.33 0.00	71.55 5.81 0.00	89.91 8.59 0.00	96.88 9.40 0.00	125.73 12.87 -0.13	394.33 40.13 -2.37	800.63 84.64 -5.75	634.24 63.55 -1.01	618.17 58.15 -5.12	209.75 18.83 -1.46	139.42 10.57 -0.84	99.93 6.46 0.00	91.72 3.70 0.00
N.TROY___115KV_TB1 355778	64.46 1.59 0.00	53.83 1.39 0.00	48.07 1.50 0.00	37.97 1.11 0.00	41.30 1.16 0.00	37.45 0.96 0.35	52.17 1.37 0.00	44.68 1.07 0.00	47.33 0.78 0.00	48.15 0.73 0.51	61.84 1.17 0.00	68.09 1.70 0.00	67.84 2.10 0.00	85.07 3.75 0.00	91.73 4.25 0.00	118.27 5.54 0.00	370.38 18.67 0.12	751.19 41.25 0.30	603.53 33.85 0.00	586.96 32.05 0.00	199.19 9.73 0.00	134.70 6.69 0.00	97.70 4.23 0.00	91.02 2.99 0.00
NARROWS_GT1_1 24228	65.18 2.32 0.01	54.77 2.33 0.00	49.32 2.75 0.00	39.23 2.36 0.00	42.45 2.30 0.00	39.19 2.04 -0.30	53.24 2.44 0.00	46.28 2.67 0.00	49.42 2.88 0.00	51.47 3.11 -0.43	64.03 3.36 0.00	71.10 4.71 0.00	71.99 6.26 0.00	90.66 9.33 0.00	97.72 10.23 -0.01	127.28 13.76 -0.80	398.25 43.28 -3.13	804.78 87.20 -7.34	634.31 64.64 0.00	614.36 59.45 0.00	208.56 19.10 0.00	138.79 10.78 0.00	100.27 6.79 0.00	92.05 4.02 0.00
NARROWS_GT1_2 24229	65.18 2.32 0.01	54.77 2.33 0.00	49.32 2.75 0.00	39.23 2.36 0.00	42.45 2.30 0.00	39.19 2.04 -0.30	53.24 2.44 0.00	46.28 2.67 0.00	49.42 2.88 0.00	51.47 3.11 -0.43	64.03 3.36 0.00	71.10 4.71 0.00	71.99 6.26 0.00	90.66 9.33 0.00	97.72 10.23 -0.01	127.28 13.76 -0.80	398.25 43.28 -3.13	804.78 87.20 -7.34	634.31 64.64 0.00	614.36 59.45 0.00	208.56 19.10 0.00	138.79 10.78 0.00	100.27 6.79 0.00	92.05 4.02 0.00
NARROWS_GT1_3 24230	65.18 2.32 0.01	54.77 2.33 0.00	49.32 2.75 0.00	39.23 2.36 0.00	42.45 2.30 0.00	39.19 2.04 -0.30	53.24 2.44 0.00	46.28 2.67 0.00	49.42 2.88 0.00	51.47 3.11 -0.43	64.03 3.36 0.00	71.10 4.71 0.00	71.99 6.26 0.00	90.66 9.33 0.00	97.72 10.23 -0.01	127.28 13.76 -0.80	398.25 43.28 -3.13	804.78 87.20 -7.34	634.31 64.64 0.00	614.36 59.45 0.00	208.56 19.10 0.00	138.79 10.78 0.00	100.27 6.79 0.00	92.05 4.02 0.00
NARROWS_GT1_4 24231	65.18 2.32 0.01	54.77 2.33 0.00	49.32 2.75 0.00	39.23 2.36 0.00	42.45 2.30 0.00	39.19 2.04 -0.30	53.24 2.44 0.00	46.28 2.67 0.00	49.42 2.88 0.00	51.47 3.11 -0.43	64.03 3.36 0.00	71.10 4.71 0.00	71.99 6.26 0.00	90.66 9.33 0.00	97.72 10.23 -0.01	127.28 13.76 -0.80	398.25 43.28 -3.13	804.78 87.20 -7.34	634.31 64.64 0.00	614.36 59.45 0.00	208.56 19.10 0.00	138.79 10.78 0.00	100.27 6.79 0.00	92.05 4.02 0.00
NARROWS_GT1_5 24232	65.18 2.32 0.01	54.77 2.33 0.00	49.32 2.75 0.00	39.23 2.36 0.00	42.45 2.30 0.00	39.19 2.04 -0.30	53.24 2.44 0.00	46.28 2.67 0.00	49.42 2.88 0.00	51.47 3.11 -0.43	64.03 3.36 0.00	71.10 4.71 0.00	71.99 6.26 0.00	90.66 9.33 0.00	97.72 10.23 -0.01	127.28 13.76 -0.80	398.25 43.28 -3.13	804.78 87.20 -7.34	634.31 64.64 0.00	614.36 59.45 0.00	208.56 19.10 0.00	138.79 10.78 0.00	100.27 6.79 0.00	92.05 4.02 0.00

NARROWS_GT1_6 24233	65.18 2.32 0.01	54.77 2.33 0.00	49.32 2.75 0.00	39.23 2.36 0.00	42.45 2.30 0.00	39.19 2.04 -0.30	53.24 2.44 0.00	46.28 2.67 0.00	49.42 2.88 0.00	51.47 3.11 -0.43	64.03 3.36 0.00	71.10 4.71 0.00	71.99 6.26 0.00	90.66 9.33 0.00	97.72 10.23 -0.01	127.28 13.76 -0.80	398.25 43.28 -3.13	804.78 87.20 -7.34	634.31 64.64 0.00	614.36 59.45 0.00	208.56 19.10 0.00	138.79 10.78 0.00	100.27 6.79 0.00	92.05 4.02 0.00
NARROWS_GT1_7 24234	65.18 2.32 0.01	54.77 2.33 0.00	49.32 2.75 0.00	39.23 2.36 0.00	42.45 2.30 0.00	39.19 2.04 -0.30	53.24 2.44 0.00	46.28 2.67 0.00	49.42 2.88 0.00	51.47 3.11 -0.43	64.03 3.36 0.00	71.10 4.71 0.00	71.99 6.26 0.00	90.66 9.33 0.00	97.72 10.23 -0.01	127.28 13.76 -0.80	398.25 43.28 -3.13	804.78 87.20 -7.34	634.31 64.64 0.00	614.36 59.45 0.00	208.56 19.10 0.00	138.79 10.78 0.00	100.27 6.79 0.00	92.05 4.02 0.00
NARROWS_GT1_8 24235	65.18 2.32 0.01	54.77 2.33 0.00	49.32 2.75 0.00	39.23 2.36 0.00	42.45 2.30 0.00	39.19 2.04 -0.30	53.24 2.44 0.00	46.28 2.67 0.00	49.42 2.88 0.00	51.47 3.11 -0.43	64.03 3.36 0.00	71.10 4.71 0.00	71.99 6.26 0.00	90.66 9.33 0.00	97.72 10.23 -0.01	127.28 13.76 -0.80	398.25 43.28 -3.13	804.78 87.20 -7.34	634.31 64.64 0.00	614.36 59.45 0.00	208.56 19.10 0.00	138.79 10.78 0.00	100.27 6.79 0.00	92.05 4.02 0.00
NARROWS_GT2_1 24236	65.18 2.32 0.01	54.77 2.33 0.00	49.32 2.75 0.00	39.23 2.36 0.00	42.45 2.30 0.00	39.19 2.04 -0.30	53.24 2.44 0.00	46.28 2.67 0.00	49.42 2.88 0.00	51.47 3.11 -0.43	64.03 3.36 0.00	71.10 4.71 0.00	71.99 6.26 0.00	90.66 9.33 0.00	97.72 10.23 -0.01	131.33 13.76 -4.85	402.29 43.28 -7.18	812.87 87.20 -15.43	634.31 64.64 0.00	614.36 59.45 0.00	208.56 19.10 0.00	138.79 10.78 0.00	100.27 6.79 0.00	92.05 4.02 0.00
NARROWS_GT2_2 24237	65.18 2.32 0.01	54.77 2.33 0.00	49.32 2.75 0.00	39.23 2.36 0.00	42.45 2.30 0.00	39.19 2.04 -0.30	53.24 2.44 0.00	46.28 2.67 0.00	49.42 2.88 0.00	51.47 3.11 -0.43	64.03 3.36 0.00	71.10 4.71 0.00	71.99 6.26 0.00	90.66 9.33 0.00	97.72 10.23 -0.01	131.33 13.76 -4.85	402.29 43.28 -7.18	812.87 87.20 -15.43	634.31 64.64 0.00	614.36 59.45 0.00	208.56 19.10 0.00	138.79 10.78 0.00	100.27 6.79 0.00	92.05 4.02 0.00
NARROWS_GT2_3 24238	65.18 2.32 0.01	54.77 2.33 0.00	49.32 2.75 0.00	39.23 2.36 0.00	42.45 2.30 0.00	39.19 2.04 -0.30	53.24 2.44 0.00	46.28 2.67 0.00	49.42 2.88 0.00	51.47 3.11 -0.43	64.03 3.36 0.00	71.10 4.71 0.00	71.99 6.26 0.00	90.66 9.33 0.00	97.72 10.23 -0.01	131.33 13.76 -4.85	402.29 43.28 -7.18	812.87 87.20 -15.43	634.31 64.64 0.00	614.36 59.45 0.00	208.56 19.10 0.00	138.79 10.78 0.00	100.27 6.79 0.00	92.05 4.02 0.00
NARROWS_GT2_4 24239	65.18 2.32 0.01	54.77 2.33 0.00	49.32 2.75 0.00	39.23 2.36 0.00	42.45 2.30 0.00	39.19 2.04 -0.30	53.24 2.44 0.00	46.28 2.67 0.00	49.42 2.88 0.00	51.47 3.11 -0.43	64.03 3.36 0.00	71.10 4.71 0.00	71.99 6.26 0.00	90.66 9.33 0.00	97.72 10.23 -0.01	131.33 13.76 -4.85	402.29 43.28 -7.18	812.87 87.20 -15.43	634.31 64.64 0.00	614.36 59.45 0.00	208.56 19.10 0.00	138.79 10.78 0.00	100.27 6.79 0.00	92.05 4.02 0.00
NARROWS_GT2_5 24240	65.18 2.32 0.01	54.77 2.33 0.00	49.32 2.75 0.00	39.23 2.36 0.00	42.45 2.30 0.00	39.19 2.04 -0.30	53.24 2.44 0.00	46.28 2.67 0.00	49.42 2.88 0.00	51.47 3.11 -0.43	64.03 3.36 0.00	71.10 4.71 0.00	71.99 6.26 0.00	90.66 9.33 0.00	97.72 10.23 -0.01	131.33 13.76 -4.85	402.29 43.28 -7.18	812.87 87.20 -15.43	634.31 64.64 0.00	614.36 59.45 0.00	208.56 19.10 0.00	138.79 10.78 0.00	100.27 6.79 0.00	92.05 4.02 0.00
NARROWS_GT2_6 24241	65.18 2.32 0.01	54.77 2.33 0.00	49.32 2.75 0.00	39.23 2.36 0.00	42.45 2.30 0.00	39.19 2.04 -0.30	53.24 2.44 0.00	46.28 2.67 0.00	49.42 2.88 0.00	51.47 3.11 -0.43	64.03 3.36 0.00	71.10 4.71 0.00	71.99 6.26 0.00	90.66 9.33 0.00	97.72 10.23 -0.01	131.33 13.76 -4.85	402.29 43.28 -7.18	812.87 87.20 -15.43	634.31 64.64 0.00	614.36 59.45 0.00	208.56 19.10 0.00	138.79 10.78 0.00	100.27 6.79 0.00	92.05 4.02 0.00
NARROWS_GT2_7 24242	65.18 2.32 0.01	54.77 2.33 0.00	49.32 2.75 0.00	39.23 2.36 0.00	42.45 2.30 0.00	39.19 2.04 -0.30	53.24 2.44 0.00	46.28 2.67 0.00	49.42 2.88 0.00	51.47 3.11 -0.43	64.03 3.36 0.00	71.10 4.71 0.00	71.99 6.26 0.00	90.66 9.33 0.00	97.72 10.23 -0.01	131.33 13.76 -4.85	402.29 43.28 -7.18	812.87 87.20 -15.43	634.31 64.64 0.00	614.36 59.45 0.00	208.56 19.10 0.00	138.79 10.78 0.00	100.27 6.79 0.00	92.05 4.02 0.00
NARROWS_GT2_8 24243	65.18 2.32 0.01	54.77 2.33 0.00	49.32 2.75 0.00	39.23 2.36 0.00	42.45 2.30 0.00	39.19 2.04 -0.30	53.24 2.44 0.00	46.28 2.67 0.00	49.42 2.88 0.00	51.47 3.11 -0.43	64.03 3.36 0.00	71.10 4.71 0.00	71.99 6.26 0.00	90.66 9.33 0.00	97.72 10.23 -0.01	131.33 13.76 -4.85	402.29 43.28 -7.18	812.87 87.20 -15.43	634.31 64.64 0.00	614.36 59.45 0.00	208.56 19.10 0.00	138.79 10.78 0.00	100.27 6.79 0.00	92.05 4.02 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	64.41 1.54 0.00	53.72 1.28 0.00	47.92 1.35 0.00	37.82 0.96 0.00	41.14 0.99 0.00	37.59 0.84 0.10	51.90 1.10 0.00	44.24 0.63 0.00	46.79 0.24 0.00	47.78 -0.01 0.14	60.72 0.05 0.00	66.89 0.49 0.00	66.71 0.97 0.00	83.71 2.39 0.00	90.29 2.80 0.00	116.96 4.24 0.00	367.52 15.77 0.08	743.66 33.62 0.19	600.30 30.63 0.00	586.59 31.69 0.00	199.55 10.09 0.00	134.42 6.41 0.00	97.22 3.74 0.00	90.61 2.59 0.00
NCHELSEA_115KV_TR2 355582	65.10 2.23 0.00	54.41 1.97 0.00	48.77 2.20 0.00	38.56 1.69 0.00	41.85 1.71 0.00	38.55 1.47 -0.24	52.73 1.93 0.00	45.51 1.90 0.00	48.54 2.00 0.00	50.54 2.26 -0.34	63.79 3.11 0.00	70.46 4.06 0.00	70.96 5.23 0.00	89.14 7.82 0.00	96.24 8.76 0.00	124.55 11.83 0.00	390.23 38.39 0.00	789.51 79.27 0.00	631.86 62.19 0.00	612.26 57.35 0.00	207.92 18.45 0.00	139.21 11.20 0.00	100.26 6.79 0.00	92.34 4.32 0.00
NEG CAPITAL____MECHNVIL 23645	65.89 3.02 0.00	54.99 2.55 0.00	49.00 2.43 0.00	38.69 1.82 0.00	42.09 1.94 0.00	38.27 1.73 0.30	53.24 2.44 0.00	45.64 2.02 0.00	48.38 1.83 0.00	49.27 1.78 0.43	63.16 2.49 0.00	69.63 3.23 0.00	69.37 3.63 0.00	86.92 5.59 0.00	93.78 6.30 0.00	120.90 8.18 0.00	378.88 27.16 0.12	769.75 59.80 0.28	619.15 49.47 0.00	602.72 47.82 0.00	204.64 15.18 0.00	138.17 10.16 0.00	100.15 6.68 0.00	93.18 5.15 0.00
NEG CENTRAL_HIGH_ACRES 23767	64.41 1.54 0.00	53.06 0.62 0.00	46.46 -0.11 0.00	36.51 -0.35 0.00	39.77 -0.37 0.00	36.61 -0.24 0.00	50.52 -0.28 0.00	43.59 -0.02 0.00	47.16 0.61 0.00	48.85 0.93 0.00	62.04 1.37 0.00	68.43 2.03 0.00	68.65 2.91 0.00	84.43 3.11 0.00	90.31 2.83 0.00	116.37 3.65 0.00	361.97 10.14 0.00	729.66 19.42 0.00	583.16 13.48 0.00	571.06 16.15 0.00	196.25 6.79 0.00	132.15 4.14 0.00	95.55 2.07 0.00	89.93 1.91 0.00

NEG CENTRAL___DRP 24199	64.83 1.96 0.00	53.59 1.15 0.00	47.30 0.73 0.00	37.38 0.51 0.00	40.73 0.59 0.00	37.48 0.64 0.00	51.61 0.81 0.00	44.47 0.86 0.00	47.69 1.14 0.00	49.04 1.11 0.00	62.13 1.46 0.00	68.47 2.08 0.00	68.84 3.11 0.00	79.64 4.00 5.68	91.17 3.69 0.00	117.49 4.77 0.00	365.71 13.88 0.00	734.22 23.98 0.00	590.52 20.84 0.00	579.95 25.04 0.00	199.53 10.06 0.00	134.52 6.51 0.00	96.94 3.46 0.00	90.74 2.72 0.00
NEG CENTRAL___INDECK 23768	66.11 3.25 0.00	54.29 1.86 0.00	47.49 0.91 0.00	37.40 0.53 0.00	40.81 0.67 0.00	37.65 0.80 0.00	52.14 1.34 0.00	44.87 1.26 0.00	48.10 1.56 0.00	50.08 2.14 0.00	62.20 1.53 0.00	67.40 1.01 0.00	67.32 1.58 0.00	82.43 1.10 0.00	88.09 0.61 0.00	114.79 2.07 0.00	357.99 6.16 0.00	711.74 1.50 0.00	578.30 8.62 0.00	574.61 19.70 0.00	200.50 11.04 0.00	131.78 3.77 0.00	95.93 2.45 0.00	94.24 6.22 0.00
NEG CENTRAL___SENECA 23627	65.42 2.55 0.00	53.97 1.53 0.00	47.55 0.98 0.00	37.60 0.74 0.00	40.99 0.85 0.00	37.74 0.89 0.00	51.94 1.14 0.00	44.83 1.22 0.00	48.13 1.59 0.00	49.51 1.58 0.00	62.71 2.04 0.00	69.24 2.84 0.00	69.74 4.01 0.00	86.44 5.12 0.00	92.20 4.72 0.00	118.88 6.16 0.00	369.86 18.03 0.00	741.97 31.73 0.00	597.55 27.87 0.00	587.67 32.76 0.00	202.41 12.95 0.00	136.23 8.22 0.00	97.88 4.41 0.00	91.58 3.56 0.00
NEG CENTRAL___STATE_STREET 24147	64.43 1.56 0.00	53.45 1.02 0.00	47.25 0.67 0.00	37.35 0.48 0.00	40.69 0.55 0.00	37.41 0.57 0.00	51.42 0.62 0.00	44.32 0.71 0.00	47.38 0.84 0.00	48.78 0.85 0.00	61.76 1.09 0.00	67.70 1.31 0.00	67.96 2.22 0.00	77.92 2.70 6.10	90.05 2.56 0.00	115.97 3.25 0.00	361.36 9.53 0.00	726.15 15.92 0.00	583.26 13.58 0.00	572.78 17.88 0.00	196.77 7.30 0.00	132.93 4.92 0.00	96.15 2.68 0.00	90.31 2.29 0.00
NEG MILLWOOD___DRP 24198	65.50 2.63 0.00	54.72 2.28 0.00	49.08 2.51 0.00	38.83 1.96 0.00	42.13 1.98 0.00	38.83 1.72 -0.27	53.06 2.26 0.00	45.82 2.21 0.00	48.88 2.34 0.00	50.97 2.65 -0.38	64.30 3.63 0.00	71.14 4.74 0.00	71.72 5.98 0.00	90.17 8.85 0.00	97.37 9.89 0.00	125.99 13.26 0.00	394.78 43.16 0.21	798.30 88.57 0.51	639.03 69.35 0.00	618.69 63.78 0.00	209.83 20.37 0.00	140.26 12.25 0.00	100.90 7.43 0.00	92.83 4.81 0.00
NEG NORTH_FLCN_SEA 23793	61.15 -1.72 0.00	51.14 -1.30 0.00	45.48 -1.09 0.00	36.06 -0.81 0.00	39.48 -0.67 0.00	36.34 -0.50 0.00	50.38 -0.42 0.00	43.55 -0.06 0.00	46.66 0.11 0.00	48.14 0.21 0.00	60.86 0.19 0.00	65.71 -0.68 0.00	63.79 -1.94 0.00	76.49 -3.84 1.00	83.63 -3.85 0.00	107.72 -5.01 0.00	336.48 -15.35 0.00	686.44 -23.80 0.00	552.78 -16.90 0.00	538.40 -16.50 0.00	183.25 -6.22 0.00	124.10 -3.91 0.00	91.28 -2.19 0.00	87.53 -0.49 0.00
NEG NORTH_KES_CHATEGAY 23792	61.47 -1.40 0.00	51.30 -1.13 0.00	45.34 -1.23 0.00	36.01 -0.86 0.00	39.43 -0.71 0.00	36.44 -0.41 0.00	50.46 -0.34 0.00	43.53 -0.08 0.00	46.62 0.07 0.00	48.09 0.16 0.00	60.68 0.00 0.00	65.53 -0.86 0.00	63.62 -2.12 0.00	47.00 -4.14 30.19	83.27 -4.22 0.00	107.19 -5.53 0.00	335.34 -16.50 0.00	682.29 -27.94 0.00	550.93 -18.75 0.00	535.95 -18.95 0.00	182.93 -6.53 0.00	123.94 -4.07 0.00	91.46 -2.01 0.00	87.65 -0.37 0.00
NEG NORTH___ALICE_FALLS 23915	61.83 -1.04 0.00	51.66 -0.77 0.00	45.84 -0.74 0.00	36.33 -0.54 0.00	39.77 -0.37 0.00	36.68 -0.17 0.00	50.85 0.05 0.00	43.95 0.34 0.00	47.10 0.56 0.00	48.57 0.64 0.00	61.34 0.66 0.00	66.27 -0.12 0.00	64.31 -1.42 0.00	70.65 -3.26 7.42	84.24 -3.24 0.00	108.49 -4.24 0.00	339.23 -12.60 0.00	692.39 -17.85 0.00	558.38 -11.30 0.00	544.83 -10.08 0.00	185.52 -3.94 0.00	125.60 -2.41 0.00	92.35 -1.12 0.00	88.42 0.40 0.00
NEG NORTH___LWR_SARANAC 23913	61.83 -1.04 0.00	51.66 -0.77 0.00	45.84 -0.74 0.00	36.33 -0.54 0.00	39.77 -0.37 0.00	36.68 -0.17 0.00	50.85 0.05 0.00	43.95 0.34 0.00	47.10 0.56 0.00	48.57 0.64 0.00	61.34 0.66 0.00	66.27 -0.12 0.00	64.31 -1.42 0.00	70.65 -3.26 7.42	84.24 -3.24 0.00	108.49 -4.24 0.00	339.23 -12.60 0.00	692.39 -17.85 0.00	558.38 -11.30 0.00	544.83 -10.08 0.00	185.52 -3.94 0.00	125.60 -2.41 0.00	92.35 -1.12 0.00	88.42 0.40 0.00
NEG NORTH___PLATTSBURG 23628	61.83 -1.04 0.00	51.66 -0.77 0.00	45.84 -0.74 0.00	36.33 -0.54 0.00	39.77 -0.37 0.00	36.68 -0.17 0.00	50.85 0.05 0.00	43.95 0.34 0.00	47.11 0.56 0.00	48.57 0.64 0.00	61.34 0.66 0.00	66.27 -0.12 0.00	64.31 -1.42 0.00	70.65 -3.26 7.42	84.24 -3.24 0.00	108.48 -4.24 0.00	339.23 -12.60 0.00	692.40 -17.84 0.00	558.37 -11.31 0.00	544.79 -10.12 0.00	185.52 -3.94 0.00	125.60 -2.41 0.00	92.35 -1.13 0.00	88.43 0.40 0.00
NEG WEST_LEA_LOCKPORT 23791	65.48 2.61 0.00	53.62 1.18 0.00	46.40 -0.17 0.00	36.27 -0.60 0.00	39.54 -0.60 0.00	36.42 -0.43 0.00	50.17 -0.64 0.00	43.35 -0.26 0.00	47.27 0.73 0.00	49.11 1.18 0.00	62.40 1.73 0.00	68.76 2.37 0.00	69.40 3.66 0.00	84.13 2.81 0.00	89.30 1.82 0.00	115.02 2.30 0.00	357.27 5.44 0.00	724.10 13.87 0.00	575.76 6.08 0.00	565.74 10.83 0.00	195.48 6.01 0.00	131.29 3.28 0.00	95.52 2.04 0.00	91.20 3.18 0.00
NEG WEST___LANCASTR 23811	65.55 2.68 0.00	53.68 1.24 0.00	46.69 0.12 0.00	36.66 -0.21 0.00	39.95 -0.19 0.00	36.77 -0.07 0.00	50.75 -0.05 0.00	43.81 0.21 0.00	47.89 1.34 0.00	49.74 1.82 0.00	63.23 2.55 0.00	69.80 3.41 0.00	70.54 4.80 0.00	86.47 5.15 0.00	92.13 4.65 0.00	118.62 5.90 0.00	368.50 16.67 0.00	746.94 36.71 0.00	593.51 23.83 0.00	581.84 26.93 0.00	200.49 11.02 0.00	134.25 6.24 0.00	97.36 3.89 0.00	91.93 3.91 0.00
NEG_PENN_ALLEGHNY 23528	64.37 1.50 0.00	53.35 0.92 0.00	47.34 0.77 0.00	37.45 0.59 0.00	40.79 0.64 0.00	37.48 0.63 0.00	51.66 0.86 0.00	44.33 0.73 0.00	47.60 1.05 0.00	49.08 1.15 0.00	62.16 1.48 0.00	68.63 2.24 0.00	68.96 3.23 0.00	85.91 4.58 0.00	92.08 4.60 0.00	118.74 6.02 0.00	370.70 18.87 0.00	745.81 35.57 0.00	596.79 27.11 0.00	583.05 28.14 0.00	199.43 9.97 0.00	134.25 6.25 0.00	97.27 3.79 0.00	90.60 2.58 0.00
NEG___GEN_MONROE 24207	66.74 3.87 0.00	54.86 2.42 0.00	47.79 1.22 0.00	37.41 0.55 0.00	40.81 0.67 0.00	37.52 0.68 0.00	51.77 0.97 0.00	44.72 1.11 0.00	48.38 1.84 0.00	50.09 2.16 0.00	63.65 2.97 0.00	70.12 3.73 0.00	70.59 4.86 0.00	86.47 5.15 0.00	92.29 4.80 0.00	119.04 6.32 0.00	369.99 18.15 0.00	747.29 37.06 0.00	596.79 27.11 0.00	586.09 31.18 0.00	202.08 12.61 0.00	135.90 7.89 0.00	98.44 4.97 0.00	92.91 4.89 0.00
NEPA___ENERGY 23901	65.81 2.94 0.00	53.80 1.37 0.00	46.94 0.37 0.00	36.99 0.12 0.00	40.31 0.16 0.00	37.12 0.28 0.00	51.22 0.42 0.00	44.08 0.47 0.00	48.19 1.64 0.00	49.95 2.03 0.00	63.46 2.79 0.00	70.34 3.94 0.00	71.31 5.57 0.00	88.28 6.96 0.00	93.86 6.38 0.00	121.16 8.44 0.00	376.47 24.63 0.00	758.37 48.14 0.00	601.72 32.04 0.00	589.51 34.61 0.00	202.75 13.28 0.00	135.92 7.91 0.00	98.34 4.87 0.00	92.18 4.16 0.00

NEVERSINK___HYD 23608	64.45 1.58 0.00	53.80 1.37 0.00	48.14 1.58 0.00	38.05 1.18 0.00	41.32 1.17 0.00	38.04 1.00 -0.19	52.12 1.32 0.00	44.92 1.31 0.00	47.95 1.40 0.00	49.83 1.63 -0.27	63.06 2.39 0.00	69.50 3.10 0.00	69.98 4.25 0.00	86.10 4.78 0.00	92.75 5.27 0.00	119.95 7.23 0.00	377.16 25.09 -0.24	764.84 54.01 -0.59	613.26 43.58 0.00	599.11 44.21 0.00	206.15 16.69 0.00	137.68 9.67 0.00	99.06 5.58 0.00	91.23 3.21 0.00
NEWKRMKL_115KV_TB1 55635	63.06 0.19 0.00	52.69 0.26 0.00	47.11 0.54 0.00	37.24 0.37 0.00	40.48 0.34 0.00	36.82 0.21 0.23	51.10 0.29 0.00	43.73 0.12 0.00	46.43 -0.12 0.00	47.47 -0.12 0.34	60.79 0.12 0.00	66.96 0.56 0.00	66.81 1.07 0.00	83.63 2.31 0.00	90.12 2.64 0.00	116.24 3.51 0.00	363.98 12.27 0.12	736.83 26.88 0.29	591.18 21.51 0.00	574.24 19.34 0.00	195.00 5.54 0.00	131.54 3.53 0.00	95.37 1.89 0.00	88.89 0.87 0.00
NEWTON___FALLS_HYD 23847	62.88 0.01 0.00	52.48 0.04 0.00	46.63 0.06 0.00	37.11 0.24 0.00	40.76 0.61 0.00	37.59 0.74 0.00	52.06 1.26 0.00	44.60 0.99 0.00	47.31 0.77 0.00	48.50 0.57 0.00	61.05 0.37 0.00	66.18 -0.22 0.00	64.25 -1.49 0.00	-131.72 -3.61 209.43	83.90 -3.58 0.00	108.00 -4.73 0.00	337.46 -14.37 0.00	685.39 -24.85 0.00	557.63 -12.05 0.00	544.83 -10.08 0.00	187.39 -2.07 0.00	127.95 -0.06 0.00	95.54 2.06 0.00	90.71 2.69 0.00
NGRID_A1_DSASP 323792	64.62 1.75 0.00	52.82 0.38 0.00	45.74 -0.83 0.00	35.73 -1.14 0.00	38.95 -1.19 0.00	35.86 -0.99 0.00	49.32 -1.48 0.00	42.68 -0.92 0.00	46.68 0.14 0.00	48.57 0.64 0.00	61.78 1.10 0.00	68.04 1.65 0.00	68.59 2.85 0.00	83.14 1.82 0.00	88.41 0.93 0.00	113.75 1.03 0.00	353.30 1.46 0.00	714.55 4.32 0.00	567.84 -1.84 0.00	556.77 1.87 0.00	192.41 2.95 0.00	129.61 1.60 0.00	94.35 0.88 0.00	90.09 2.06 0.00
NGRID_A2_DSASP 323793	64.62 1.75 0.00	52.82 0.38 0.00	45.74 -0.83 0.00	35.73 -1.14 0.00	38.95 -1.19 0.00	35.86 -0.99 0.00	49.32 -1.48 0.00	42.68 -0.92 0.00	46.68 0.14 0.00	48.57 0.64 0.00	61.78 1.10 0.00	68.04 1.65 0.00	68.59 2.85 0.00	83.14 1.82 0.00	88.41 0.93 0.00	113.75 1.03 0.00	353.30 1.46 0.00	714.55 4.32 0.00	567.84 -1.84 0.00	556.77 1.87 0.00	192.41 2.95 0.00	129.61 1.60 0.00	94.35 0.88 0.00	90.09 2.06 0.00
NGRID_A4_DSASP 323807	64.62 1.75 0.00	52.82 0.38 0.00	45.74 -0.83 0.00	35.73 -1.14 0.00	38.95 -1.19 0.00	35.86 -0.99 0.00	49.32 -1.48 0.00	42.68 -0.92 0.00	46.68 0.14 0.00	48.57 0.64 0.00	61.78 1.10 0.00	68.04 1.65 0.00	68.59 2.85 0.00	83.14 1.82 0.00	88.41 0.93 0.00	113.75 1.03 0.00	353.30 1.46 0.00	714.55 4.32 0.00	567.84 -1.84 0.00	556.77 1.87 0.00	192.41 2.95 0.00	129.61 1.60 0.00	94.35 0.88 0.00	90.09 2.06 0.00
NIAGARA_115E_LBMP 323715	65.16 2.29 0.00	53.41 0.98 0.00	46.23 -0.34 0.00	36.11 -0.76 0.00	39.38 -0.76 0.00	36.25 -0.59 0.00	49.91 -0.89 0.00	43.06 -0.55 0.00	47.00 0.45 0.00	48.86 0.93 0.00	62.14 1.47 0.00	68.52 2.12 0.00	69.05 3.32 0.00	83.55 2.23 0.00	88.54 1.06 0.00	113.96 1.24 0.00	353.83 1.99 0.00	716.21 5.97 0.00	569.54 -0.13 0.00	559.50 4.59 0.00	193.32 3.86 0.00	130.08 2.07 0.00	94.74 1.26 0.00	90.77 2.75 0.00
NIAGARA_115W_LBMP 323714	64.44 1.57 0.00	52.69 0.25 0.00	45.63 -0.94 0.00	35.64 -1.23 0.00	38.85 -1.30 0.00	35.77 -1.08 0.00	49.18 -1.62 0.00	42.57 -1.04 0.00	46.55 0.01 0.00	48.43 0.49 0.00	61.59 0.92 0.00	67.84 1.45 0.00	68.38 2.64 0.00	82.89 1.57 0.00	88.14 0.66 0.00	113.41 0.69 0.00	352.22 0.39 0.00	712.42 2.19 0.00	566.18 -3.50 0.00	555.21 0.30 0.00	191.89 2.43 0.00	129.24 1.23 0.00	94.11 0.63 0.00	89.84 1.82 0.00
NIAGARA_230_LBMP 323716	65.12 2.25 0.00	53.32 0.88 0.00	46.21 -0.36 0.00	36.12 -0.75 0.00	39.38 -0.76 0.00	36.24 -0.61 0.00	49.90 -0.90 0.00	43.11 -0.49 0.00	47.12 0.57 0.00	49.00 1.07 0.00	62.28 1.61 0.00	68.59 2.19 0.00	69.17 3.44 0.00	84.02 2.70 0.00	89.32 1.84 0.00	114.91 2.19 0.00	357.09 5.26 0.00	722.07 11.83 0.00	573.58 3.90 0.00	562.60 7.69 0.00	194.52 5.06 0.00	131.05 3.04 0.00	95.32 1.84 0.00	90.80 2.78 0.00
NIAGARA___115KV_198_GIBSON 55903	64.43 1.57 0.00	52.69 0.25 0.00	45.63 -0.94 0.00	35.64 -1.22 0.00	38.85 -1.30 0.00	35.77 -1.07 0.00	49.18 -1.62 0.00	42.59 -1.02 0.00	46.56 0.01 0.00	48.43 0.50 0.00	61.60 0.92 0.00	67.84 1.45 0.00	68.38 2.64 0.00	82.87 1.55 0.00	88.13 0.64 0.00	113.39 0.67 0.00	352.11 0.28 0.00	712.42 2.18 0.00	566.03 -3.65 0.00	555.19 0.29 0.00	191.90 2.44 0.00	129.14 1.13 0.00	94.10 0.62 0.00	89.83 1.81 0.00
NIAGARA____ 23760	65.12 2.25 0.00	53.32 0.88 0.00	46.21 -0.36 0.00	36.12 -0.75 0.00	39.38 -0.76 0.00	36.24 -0.61 0.00	49.90 -0.90 0.00	43.11 -0.49 0.00	47.12 0.57 0.00	49.00 1.07 0.00	62.28 1.61 0.00	68.59 2.19 0.00	69.17 3.44 0.00	84.02 2.70 0.00	89.32 1.84 0.00	114.91 2.19 0.00	357.09 5.26 0.00	722.07 11.83 0.00	573.58 3.90 0.00	562.60 7.69 0.00	194.52 5.06 0.00	131.05 3.04 0.00	95.32 1.84 0.00	90.80 2.78 0.00
NINE_MILE_1 23575	61.43 -1.44 0.00	51.12 -1.32 0.00	45.33 -1.24 0.00	35.83 -1.04 0.00	39.02 -1.12 0.00	35.83 -1.01 0.00	49.40 -1.40 0.00	42.44 -1.17 0.00	45.41 -1.14 0.00	46.71 -1.22 0.00	59.07 -1.60 0.00	64.84 -1.56 0.00	64.58 -1.16 0.00	79.99 -1.33 0.00	85.94 -1.55 0.00	110.76 -1.96 0.00	345.01 -6.83 0.00	692.88 -17.36 0.00	555.25 -14.42 0.00	542.09 -12.82 0.00	185.80 -3.66 0.00	125.82 -2.19 0.00	91.52 -1.95 0.00	85.99 -2.03 0.00
NINE_MILE_2 23744	61.42 -1.45 0.00	51.12 -1.32 0.00	45.33 -1.24 0.00	35.83 -1.04 0.00	39.02 -1.12 0.00	35.83 -1.01 0.00	49.40 -1.40 0.00	42.44 -1.17 0.00	45.41 -1.14 0.00	46.71 -1.22 0.00	59.07 -1.60 0.00	64.83 -1.56 0.00	64.57 -1.16 0.00	79.98 -1.34 0.00	85.93 -1.55 0.00	110.76 -1.97 0.00	344.99 -6.84 0.00	692.88 -17.36 0.00	555.25 -14.42 0.00	542.09 -12.82 0.00	185.80 -3.66 0.00	125.81 -2.20 0.00	91.51 -1.96 0.00	85.98 -2.04 0.00
NM_CAPITAL___DRP 24208	63.15 0.28 0.00	52.77 0.33 0.00	47.18 0.61 0.00	37.30 0.43 0.00	40.55 0.40 0.00	36.85 0.26 0.26	51.17 0.37 0.00	43.80 0.19 0.00	46.48 -0.07 0.00	47.47 -0.08 0.37	60.83 0.16 0.00	67.00 0.60 0.00	66.84 1.10 0.00	83.74 2.41 0.00	90.22 2.73 0.00	116.35 3.63 0.00	364.41 12.70 0.12	737.77 27.83 0.30	591.85 22.17 0.00	575.17 20.27 0.00	195.25 5.78 0.00	131.73 3.73 0.00	95.52 2.04 0.00	89.04 1.02 0.00
NM_CENTRAL___DRP 24181	62.94 0.07 0.00	52.29 -0.14 0.00	46.34 -0.23 0.00	36.59 -0.28 0.00	39.84 -0.31 0.00	36.60 -0.24 0.00	50.52 -0.28 0.00	43.43 -0.18 0.00	46.49 -0.06 0.00	47.88 -0.05 0.00	60.64 -0.03 0.00	66.71 0.31 0.00	66.62 0.88 0.00	73.73 1.34 8.94	88.79 1.30 0.00	114.42 1.69 0.00	356.68 4.84 0.00	715.92 5.69 0.00	573.67 3.99 0.00	560.26 5.35 0.00	192.00 2.54 0.00	129.80 1.79 0.00	94.20 0.72 0.00	88.21 0.19 0.00

NM_FRONTIER___DRP 24179	64.43 1.57 0.00	52.69 0.25 0.00	45.63 -0.94 0.00	35.64 -1.22 0.00	38.85 -1.30 0.00	35.77 -1.07 0.00	49.18 -1.62 0.00	42.59 -1.02 0.00	46.56 0.01 0.00	48.43 0.50 0.00	61.60 0.92 0.00	67.84 1.45 0.00	68.38 2.64 0.00	82.87 1.55 0.00	88.13 0.64 0.00	113.39 0.67 0.00	352.11 0.28 0.00	712.42 2.18 0.00	566.03 -3.65 0.00	555.19 0.29 0.00	191.90 2.44 0.00	129.14 1.13 0.00	94.10 0.62 0.00	89.83 1.81 0.00
NM_ST_REGIS___HYD 24053	62.68 -0.19 0.00	52.29 -0.14 0.00	46.13 -0.44 0.00	36.68 -0.19 0.00	40.14 0.00 0.00	37.08 0.23 0.00	51.26 0.46 0.00	43.95 0.34 0.00	46.67 0.12 0.00	47.85 -0.08 0.00	60.24 -0.43 0.00	65.07 -1.32 0.00	62.81 -2.93 277.68	-202.63 -6.27 0.00	81.09 -6.40 0.00	104.29 -8.43 0.00	325.98 -25.85 0.00	663.88 -46.36 0.00	538.40 -31.28 0.00	525.08 -29.82 0.00	179.77 -9.69 0.00	122.71 -5.30 0.00	92.03 -1.45 0.00	88.58 0.56 0.00
NORTHPORT___1 23551	59.77 0.73 3.83	54.09 1.65 0.00	49.23 2.66 0.00	38.75 1.89 0.00	41.99 1.85 0.00	38.66 1.51 -0.30	52.29 1.49 0.00	45.08 1.47 0.00	46.31 0.94 1.18	40.99 1.28 8.21	62.27 2.33 0.73	65.74 2.87 3.53	70.70 4.70 -0.27	87.44 7.06 0.95	89.86 8.44 6.06	111.50 11.02 12.25	352.36 32.91 32.38	787.85 71.82 -5.79	618.89 51.70 2.49	578.35 40.22 16.78	192.04 13.28 10.71	132.81 6.89 2.09	94.07 3.57 2.98	88.00 1.07 1.08
NORTHPORT___2 23552	59.77 0.73 3.83	54.09 1.65 0.00	49.23 2.66 0.00	38.75 1.89 0.00	41.99 1.85 0.00	38.66 1.51 -0.30	52.29 1.49 0.00	45.08 1.47 0.00	46.31 0.94 1.18	40.99 1.28 8.21	62.27 2.33 0.73	65.74 2.87 3.53	70.70 4.70 -0.27	87.44 7.06 0.95	89.86 8.44 6.06	111.50 11.02 12.25	352.36 32.91 32.38	787.85 71.82 -5.79	618.89 51.70 2.49	578.35 40.22 16.78	192.04 13.28 10.71	132.81 6.89 2.09	94.07 3.57 2.98	88.00 1.07 1.08
NORTHPORT___3 23553	59.63 0.62 3.87	54.02 1.58 0.00	49.19 2.62 0.00	38.74 1.88 0.00	42.00 1.85 0.00	38.66 1.52 -0.30	52.31 1.51 0.00	45.03 1.42 0.00	46.23 0.86 1.17	40.87 1.17 8.23	62.12 2.19 0.74	65.54 2.72 3.57	70.42 4.47 -0.21	87.75 6.88 0.46	89.71 8.26 6.03	111.44 11.10 12.38	352.47 33.18 32.54	788.44 72.41 -5.79	619.71 52.64 2.62	579.63 42.12 17.40	192.38 13.77 10.85	132.85 7.04 2.20	94.99 3.49 1.98	87.99 1.06 1.09
NORTHPORT___4 23650	59.63 0.62 3.87	54.02 1.58 0.00	49.19 2.62 0.00	38.74 1.88 0.00	42.00 1.85 0.00	38.66 1.52 -0.30	52.31 1.51 0.00	45.03 1.42 0.00	46.23 0.86 1.17	40.87 1.17 8.23	62.12 2.19 0.74	65.54 2.72 3.57	70.42 4.47 -0.21	87.75 6.88 0.46	89.71 8.26 6.03	111.44 11.10 12.38	352.47 33.18 32.54	788.44 72.41 -5.79	619.71 52.64 2.62	579.63 42.12 17.40	192.38 13.77 10.85	132.85 7.04 2.20	94.99 3.49 1.98	87.99 1.06 1.09
NORTHPORT___IC 23718	59.85 0.81 3.83	54.09 1.65 0.00	49.23 2.66 0.00	38.76 1.89 0.00	41.99 1.85 0.00	38.66 1.52 -0.30	52.29 1.49 0.00	45.08 1.47 0.00	46.31 0.94 1.18	41.04 1.33 8.21	62.32 2.37 0.73	65.75 2.88 3.53	70.70 4.70 -0.27	87.62 7.25 0.94	89.85 8.43 6.06	111.52 11.04 12.25	352.35 32.90 32.38	787.74 71.72 -5.79	618.98 51.79 2.49	578.81 40.68 16.78	192.19 13.43 10.71	133.13 7.21 2.09	94.07 3.57 2.98	88.01 1.07 1.08
NORTH___COUNTRY_ESR 323785	61.25 -1.62 0.00	51.15 -1.29 0.00	45.22 -1.36 0.00	35.91 -0.96 0.00	39.33 -0.81 0.00	36.34 -0.51 0.00	50.34 -0.46 0.00	43.48 -0.13 0.00	46.62 0.07 0.00	48.08 0.14 0.00	60.67 -0.01 0.00	65.53 -0.87 0.00	63.61 -2.13 0.00	46.37 -4.15 30.80	83.23 -4.25 0.00	107.17 -5.56 0.00	335.24 -16.59 0.00	682.07 -28.17 0.00	549.32 -20.36 0.00	534.86 -20.05 0.00	182.34 -7.12 0.00	123.46 -4.54 0.00	91.15 -2.32 0.00	87.38 -0.64 0.00
NPX_GEN_1385_PROXY 323591	59.94 0.89 3.83	51.79 1.33 1.98	45.85 2.37 3.10	38.40 1.54 0.00	41.61 1.46 0.00	38.12 0.98 -0.30	50.48 0.99 1.31	40.40 1.64 4.85	43.47 1.13 4.21	40.31 1.55 9.17	62.11 2.17 0.73	65.56 2.70 3.53	70.96 4.95 -0.27	87.44 7.07 0.95	89.97 8.55 6.06	112.40 11.92 12.25	354.45 35.00 32.38	800.12 84.09 -5.79	624.92 57.74 2.49	578.72 40.59 16.78	193.55 14.79 10.71	134.01 8.09 2.09	94.38 3.89 2.98	88.92 1.98 1.08
NPX_GEN_CSC 323557	60.88 1.53 3.52	52.44 1.98 1.98	46.21 2.74 3.10	38.77 1.90 0.00	41.95 1.81 0.00	38.59 1.45 -0.30	50.88 1.39 1.31	40.20 1.44 4.85	43.42 1.07 4.19	40.34 1.49 9.08	63.01 2.99 0.65	67.96 3.90 2.34	72.23 5.90 -0.60	93.60 8.70 -3.58	108.21 10.38 -10.35	153.63 13.45 -27.46	396.07 38.24 -6.00	797.96 81.93 -5.79	626.96 59.83 2.55	584.19 46.28 16.99	193.56 14.70 10.60	134.11 8.23 2.13	101.98 4.39 -4.11	88.83 1.82 1.01
NSINS_S_GLNS_FALLS 23858	66.60 3.73 0.00	55.41 2.97 0.00	49.40 2.83 0.00	38.96 2.10 0.00	42.43 2.29 0.00	38.57 1.99 0.26	53.70 2.90 0.00	46.07 2.46 0.00	48.73 2.19 0.00	49.57 2.02 0.38	63.31 2.63 0.00	69.88 3.48 0.00	69.41 3.68 0.00	87.17 5.85 0.00	94.36 6.88 0.00	121.51 8.78 0.00	379.89 28.17 0.11	774.38 64.42 0.27	623.61 53.93 0.00	607.31 52.40 0.00	206.07 16.61 0.00	139.83 11.82 0.00	101.40 7.92 0.00	94.17 6.15 0.00
NUCOR_STEEL___DRP 24197	64.30 1.42 0.00	53.36 0.92 0.00	47.17 0.60 0.00	37.29 0.42 0.00	40.63 0.48 0.00	37.35 0.51 0.00	51.30 0.50 0.00	44.23 0.62 0.00	47.29 0.74 0.00	48.71 0.78 0.00	61.67 1.00 0.00	67.52 1.13 0.00	67.75 2.02 0.00	77.50 2.42 6.25	89.81 2.33 0.00	115.63 2.90 0.00	360.25 8.42 0.00	723.78 13.55 0.00	581.07 11.40 0.00	569.60 14.69 0.00	195.62 6.16 0.00	132.26 4.25 0.00	95.80 2.32 0.00	90.10 2.08 0.00
NUMBER_THREE_WT_PWR 323818	62.91 0.04 0.00	52.60 0.16 0.00	47.10 0.53 0.00	37.53 0.66 0.00	41.35 1.21 0.00	38.12 1.28 0.00	52.90 2.10 0.00	45.38 1.77 0.00	48.23 1.68 0.00	49.55 1.62 0.00	62.38 1.70 0.00	67.91 1.52 0.00	66.43 0.69 0.00	-9.04 0.19 90.56	87.91 0.43 0.00	113.32 0.60 0.00	354.04 2.21 0.00	718.28 8.04 0.00	584.78 15.10 0.00	571.78 16.88 0.00	196.92 7.46 0.00	134.08 6.07 0.00	99.11 5.63 0.00	92.93 4.90 0.00
NYISO_LBMP_REFERENCE 24008	62.87 0.00 0.00	52.44 0.00 0.00	46.57 0.00 0.00	36.87 0.00 0.00	40.14 0.00 0.00	36.85 0.00 0.00	50.80 0.00 0.00	43.61 0.00 0.00	46.55 0.00 0.00	47.93 0.00 0.00	60.67 0.00 0.00	66.40 0.00 0.00	65.74 0.00 0.00	81.32 0.00 0.00	87.48 0.00 0.00	112.72 0.00 0.00	351.83 0.00 0.00	710.23 0.00 0.00	569.68 0.00 0.00	554.91 0.00 0.00	189.46 0.00 0.00	128.01 0.00 0.00	93.48 0.00 0.00	88.02 0.00 0.00
NYPA_BRENTWD____GT 24164	61.96 2.27 3.18	55.12 2.68 0.00	49.98 3.40 0.00	39.32 2.46 0.00	42.60 2.45 0.00	39.23 2.09 -0.30	53.15 2.35 0.00	45.91 2.30 0.00	47.36 1.95 1.14	42.39 2.39 7.93	63.95 3.83 0.56	68.99 4.61 2.01	73.23 6.48 -1.02	112.33 9.23 -21.78	107.76 10.58 -9.69	142.44 13.55 -16.16	397.07 40.71 -4.52	803.39 87.37 -5.79	631.54 64.31 2.45	590.93 52.44 16.41	196.31 17.08 10.23	135.44 9.49 2.05	135.51 6.04 -35.99	90.53 3.43 0.92

NYPA_GOWANUS____GT5 24156	65.18 2.32 0.01	54.77 2.33 0.00	49.32 2.75 0.00	39.23 2.36 0.00	42.45 2.30 0.00	39.19 2.04 -0.30	53.24 2.44 0.00	46.28 2.67 0.00	49.42 2.88 0.00	51.47 3.11 -0.43	64.02 3.35 0.00	71.09 4.69 0.00	71.97 6.24 0.00	90.63 9.31 0.00	97.72 10.23 -0.01	127.23 13.71 -0.80	398.20 43.23 -3.13	804.49 86.92 -7.34	634.22 64.54 0.00	614.36 59.45 0.00	208.53 19.07 0.00	138.73 10.72 0.00	100.24 6.76 0.00	92.03 4.01 0.00
NYPA_GOWANUS____GT6 24157	65.18 2.32 0.01	54.77 2.33 0.00	49.32 2.75 0.00	39.23 2.36 0.00	42.45 2.30 0.00	39.19 2.04 -0.30	53.24 2.44 0.00	46.28 2.67 0.00	49.42 2.88 0.00	51.47 3.11 -0.43	64.02 3.35 0.00	71.09 4.69 0.00	71.97 6.24 0.00	90.63 9.31 0.00	97.72 10.23 -0.01	127.23 13.71 -0.80	398.20 43.23 -3.13	804.49 86.92 -7.34	634.22 64.54 0.00	614.36 59.45 0.00	208.53 19.07 0.00	138.73 10.72 0.00	100.24 6.76 0.00	92.03 4.01 0.00
NYPA_HARLEM__RVR__GT1 24160	64.95 2.08 -0.01	54.77 2.33 0.00	49.21 2.64 0.00	39.15 2.28 0.00	42.33 2.19 0.00	39.07 1.93 -0.30	53.04 2.24 0.00	46.04 2.43 0.00	49.05 2.50 0.00	50.89 2.54 -0.43	63.57 2.89 0.00	70.51 4.12 0.00	71.32 5.59 0.00	89.63 8.31 0.00	96.60 9.12 0.00	125.38 12.46 -0.19	393.57 39.21 -2.53	798.64 82.26 -6.14	631.76 62.08 0.00	612.26 57.36 0.00	207.81 18.35 0.00	138.23 10.22 0.00	99.59 6.11 0.00	91.41 3.39 0.00
NYPA_HARLEM__RVR__GT2 24161	64.95 2.08 -0.01	54.77 2.33 0.00	49.21 2.64 0.00	39.15 2.28 0.00	42.33 2.19 0.00	39.07 1.93 -0.30	53.04 2.24 0.00	46.04 2.43 0.00	49.05 2.50 0.00	50.89 2.54 -0.43	63.57 2.89 0.00	70.51 4.12 0.00	71.32 5.59 0.00	89.63 8.31 0.00	96.60 9.12 0.00	125.38 12.46 -0.19	393.57 39.21 -2.53	798.64 82.26 -6.14	631.76 62.08 0.00	612.26 57.36 0.00	207.81 18.35 0.00	138.23 10.22 0.00	99.59 6.11 0.00	91.41 3.39 0.00
NYPA_KENT____GT 24152	63.49 2.20 1.58	54.74 2.30 0.00	49.30 2.73 0.00	39.19 2.33 0.00	42.42 2.28 0.00	39.16 2.01 -0.30	53.25 2.45 0.00	46.25 2.64 0.00	49.39 2.84 0.00	51.42 3.06 -0.43	64.01 3.34 0.00	70.98 4.58 0.00	71.83 6.09 0.00	90.37 9.05 0.00	97.40 9.92 0.00	129.30 13.36 -3.22	399.61 42.23 -5.55	808.10 85.68 -12.18	633.89 64.21 0.00	613.90 58.99 0.00	208.40 18.93 0.00	138.69 10.68 0.00	100.03 6.55 0.00	91.83 3.81 0.00
NYPA_POUCH1____GT 24155	65.02 2.16 0.01	54.60 2.16 0.00	49.18 2.61 0.00	39.20 2.33 0.00	42.41 2.27 0.00	39.15 2.00 -0.30	53.12 2.32 0.00	46.22 2.61 0.00	49.33 2.78 0.00	51.38 3.02 -0.43	63.82 3.15 0.00	70.92 4.52 0.00	71.84 6.11 0.00	90.51 9.18 0.00	97.55 10.06 -0.01	126.67 13.45 -0.50	397.50 42.84 -2.83	803.16 86.19 -6.74	634.41 64.73 0.00	614.41 59.50 0.00	208.65 19.19 0.00	138.80 10.80 0.00	99.99 6.52 0.00	91.88 3.85 0.00
NYPA_VERNON____GT2 24162	61.79 2.08 3.15	54.72 2.28 0.00	49.28 2.70 0.00	39.15 2.29 0.00	42.39 2.25 0.00	39.14 1.99 -0.30	53.25 2.45 0.00	46.22 2.61 0.00	49.36 2.81 0.00	51.37 3.01 -0.43	64.04 3.37 0.00	70.91 4.52 0.00	71.71 5.97 0.00	90.14 8.82 0.00	97.18 9.69 0.00	127.39 13.07 -1.59	397.31 41.55 -3.93	804.13 84.96 -8.93	634.03 64.35 0.00	613.90 58.99 0.00	208.41 18.95 0.00	138.76 10.75 0.00	99.92 6.44 0.00	91.69 3.67 0.00
NYPA_VERNON____GT3 24163	61.79 2.08 3.15	54.72 2.28 0.00	49.28 2.70 0.00	39.15 2.29 0.00	42.39 2.25 0.00	39.14 1.99 -0.30	53.25 2.45 0.00	46.22 2.61 0.00	49.36 2.81 0.00	51.37 3.01 -0.43	64.04 3.37 0.00	70.91 4.52 0.00	71.71 5.97 0.00	90.14 8.82 0.00	97.18 9.69 0.00	127.39 13.07 -1.59	397.31 41.55 -3.93	804.13 84.96 -8.93	634.03 64.35 0.00	613.90 58.99 0.00	208.41 18.95 0.00	138.76 10.75 0.00	99.92 6.44 0.00	91.69 3.67 0.00
NYPA__ASTORIA_CC1 323568	60.91 1.87 3.82	54.63 2.19 0.00	49.19 2.62 0.00	39.11 2.24 0.00	42.32 2.18 0.00	39.07 1.93 -0.30	53.15 2.34 0.00	46.13 2.52 0.00	49.25 2.70 0.00	51.22 2.86 -0.43	63.90 3.23 0.00	70.76 4.36 0.00	71.59 5.86 0.00	89.97 8.65 0.00	97.00 9.52 0.00	126.55 12.89 -0.94	395.92 40.82 -3.28	801.46 83.60 -7.63	632.94 63.27 0.00	612.91 58.01 0.00	208.08 18.62 0.00	138.44 10.43 0.00	99.70 6.22 0.00	91.48 3.47 0.00
NYPA__ASTORIA_CC2 323569	60.91 1.87 3.82	54.63 2.19 0.00	49.19 2.62 0.00	39.11 2.24 0.00	42.32 2.18 0.00	39.07 1.93 -0.30	53.15 2.34 0.00	46.13 2.52 0.00	49.25 2.70 0.00	51.22 2.86 -0.43	63.90 3.23 0.00	70.76 4.36 0.00	71.59 5.86 0.00	89.97 8.65 0.00	97.00 9.52 0.00	126.55 12.89 -0.94	395.92 40.82 -3.28	801.46 83.60 -7.63	632.94 63.27 0.00	612.91 58.01 0.00	208.08 18.62 0.00	138.44 10.43 0.00	99.70 6.22 0.00	91.48 3.47 0.00
NYPA__HOLTSVILL 23794	60.93 1.60 3.54	54.54 2.10 0.00	49.46 2.89 0.00	38.93 2.07 0.00	42.16 2.02 0.00	38.81 1.66 -0.30	52.51 1.71 0.00	45.32 1.71 0.00	46.68 1.30 1.16	41.52 1.72 8.13	63.12 3.11 0.66	67.96 3.92 2.35	72.12 5.81 -0.57	93.59 8.41 -3.86	121.37 9.98 -23.91	182.28 12.89 -56.66	399.60 37.45 -10.32	795.48 79.46 -5.79	624.86 57.74 2.55	583.51 45.62 17.02	193.60 14.77 10.62	134.14 8.26 2.14	101.93 4.66 -3.80	89.11 2.10 1.02
NYPA____HELLGATE_GT1 24158	64.94 2.07 -0.01	54.77 2.33 0.00	49.21 2.64 0.00	39.15 2.28 0.00	42.33 2.19 0.00	39.07 1.93 -0.30	53.04 2.24 0.00	46.04 2.43 0.00	49.05 2.50 0.00	50.89 2.54 -0.43	63.57 2.89 0.00	70.51 4.12 0.00	71.32 5.59 0.00	89.63 8.31 0.00	96.60 9.12 0.00	125.38 12.46 -0.19	393.57 39.21 -2.53	798.64 82.26 -6.14	631.76 62.08 0.00	612.26 57.36 0.00	207.81 18.35 0.00	138.23 10.22 0.00	99.59 6.11 0.00	91.41 3.39 0.00
NYPA____HELLGATE_GT2 24159	64.94 2.07 -0.01	54.77 2.33 0.00	49.21 2.64 0.00	39.15 2.28 0.00	42.33 2.19 0.00	39.07 1.93 -0.30	53.04 2.24 0.00	46.04 2.43 0.00	49.05 2.50 0.00	50.89 2.54 -0.43	63.57 2.89 0.00	70.51 4.12 0.00	71.32 5.59 0.00	89.63 8.31 0.00	96.60 9.12 0.00	125.38 12.46 -0.19	393.57 39.21 -2.53	798.64 82.26 -6.14	631.76 62.08 0.00	612.26 57.36 0.00	207.81 18.35 0.00	138.23 10.22 0.00	99.59 6.11 0.00	91.41 3.39 0.00
NYS_BARGE__HYD 23848	65.80 2.93 0.00	53.88 1.44 0.00	46.62 0.05 0.00	36.43 -0.43 0.00	39.73 -0.41 0.00	36.58 -0.27 0.00	50.38 -0.42 0.00	43.52 -0.08 0.00	47.47 0.93 0.00	49.30 1.37 0.00	62.69 2.02 0.00	69.09 2.69 0.00	69.71 3.97 0.00	84.54 3.22 0.00	89.69 2.21 0.00	115.50 2.78 0.00	359.00 7.16 0.00	727.46 17.22 0.00	578.75 9.07 0.00	568.78 13.87 0.00	196.43 6.97 0.00	132.01 4.00 0.00	95.97 2.49 0.00	91.64 3.62 0.00
OAK_ORCHARD__HYD 24046	65.80 2.93 0.00	54.12 1.68 0.00	47.27 0.70 0.00	37.10 0.24 0.00	40.41 0.28 0.00	37.20 0.35 0.00	51.33 0.52 0.00	44.31 0.70 0.00	48.02 1.47 0.00	49.81 1.88 0.00	63.28 2.60 0.00	69.72 3.33 0.00	70.06 4.32 0.00	85.98 4.66 0.00	91.85 4.37 0.00	118.44 5.71 0.00	368.00 16.16 0.00	741.86 31.63 0.00	591.86 22.18 0.00	579.76 24.85 0.00	199.71 10.25 0.00	134.48 6.47 0.00	97.35 3.88 0.00	91.83 3.81 0.00

OAKDALE___35_KV_LOAD 356122	63.97 1.10 0.00	53.06 0.63 0.00	47.11 0.54 0.00	37.27 0.40 0.00	40.58 0.44 0.00	37.28 0.44 0.00	51.39 0.58 0.00	44.08 0.47 0.00	47.32 0.78 0.00	48.78 0.85 0.00	61.77 1.09 0.00	68.13 1.73 0.00	68.43 2.69 0.00	85.18 3.86 0.00	91.32 3.84 0.00	117.73 5.01 0.00	367.42 15.59 0.00	739.37 29.13 0.00	591.42 21.74 0.00	577.74 22.83 0.00	197.68 8.21 0.00	133.15 5.14 0.00	96.55 3.07 0.00	89.96 1.94 0.00
OCC_CHEM___DRP 24175	64.61 1.74 0.00	52.83 0.39 0.00	45.75 -0.82 0.00	35.73 -1.13 0.00	38.95 -1.20 0.00	35.86 -0.99 0.00	49.32 -1.48 0.00	42.70 -0.91 0.00	46.68 0.14 0.00	48.57 0.64 0.00	61.78 1.10 0.00	68.04 1.64 0.00	68.58 2.85 0.00	83.12 1.80 0.00	88.39 0.91 0.00	113.73 1.00 0.00	353.18 1.35 0.00	714.61 4.37 0.00	567.69 -1.98 0.00	556.77 1.86 0.00	192.40 2.94 0.00	129.49 1.48 0.00	94.35 0.88 0.00	90.09 2.06 0.00
OH_GEN_PROXY 24063	133.24 2.19 -68.18	85.29 0.84 -32.01	-1.66 -0.38 47.86	36.12 -0.74 0.00	39.39 -0.75 0.00	36.25 -0.60 0.00	48.61 -0.88 1.31	6.81 -0.47 36.32	44.12 0.61 3.03	48.07 1.10 0.96	62.32 1.65 0.00	68.64 2.25 0.00	69.25 3.51 0.00	84.21 2.89 0.00	89.54 2.06 0.00	204.37 2.48 -89.17	455.19 6.25 -97.11	723.91 13.67 0.00	731.13 5.23 -156.22	563.88 8.98 0.00	194.90 5.44 0.00	131.32 3.31 0.00	95.44 1.97 0.00	90.79 2.77 0.00
OLIN_CORP_DRP 24177	65.23 2.36 0.00	53.46 1.03 0.00	46.28 -0.30 0.00	36.16 -0.71 0.00	39.42 -0.72 0.00	36.30 -0.55 0.00	49.97 -0.83 0.00	43.14 -0.47 0.00	47.08 0.54 0.00	48.94 1.01 0.00	62.25 1.58 0.00	68.62 2.23 0.00	69.19 3.45 0.00	83.68 2.36 0.00	88.77 1.29 0.00	114.27 1.54 0.00	354.81 2.98 0.00	718.06 7.82 0.00	570.73 1.05 0.00	560.65 5.75 0.00	193.77 4.31 0.00	130.28 2.27 0.00	94.94 1.46 0.00	90.91 2.89 0.00
OLIN_CORP_DSASP 323712	64.62 1.75 0.00	52.82 0.38 0.00	45.74 -0.83 0.00	35.73 -1.14 0.00	38.95 -1.19 0.00	35.86 -0.99 0.00	49.32 -1.48 0.00	42.68 -0.92 0.00	46.68 0.14 0.00	48.57 0.64 0.00	61.78 1.10 0.00	68.04 1.65 0.00	68.59 2.85 0.00	83.14 1.82 0.00	88.41 0.93 0.00	113.75 1.03 0.00	353.30 1.46 0.00	714.55 4.32 0.00	567.84 -1.84 0.00	556.77 1.87 0.00	192.41 2.95 0.00	129.61 1.60 0.00	94.35 0.88 0.00	90.09 2.06 0.00
ONEIDA_HERK_LFGE 323681	64.08 1.21 0.00	53.45 1.01 0.00	47.62 1.05 0.00	37.77 0.90 0.00	41.33 1.18 0.00	38.02 1.18 0.00	52.61 1.81 0.00	45.11 1.50 0.00	47.96 1.41 0.00	49.27 1.34 0.00	62.28 1.61 0.00	68.13 1.73 0.00	67.36 1.63 0.00	41.88 1.97 41.41	89.67 2.19 0.00	115.59 2.87 0.00	361.09 9.25 0.00	731.62 21.38 0.00	591.09 21.41 0.00	577.66 22.75 0.00	198.04 8.58 0.00	134.09 6.08 0.00	98.11 4.64 0.00	91.76 3.74 0.00
ONEIDA___115KV_TB4 55905	65.05 2.18 0.00	54.12 1.69 0.00	48.04 1.47 0.00	38.01 1.15 0.00	41.43 1.29 0.00	38.11 1.26 0.00	52.64 1.84 0.00	45.11 1.50 0.00	47.78 1.23 0.00	48.90 0.98 0.00	61.93 1.26 0.00	68.07 1.67 0.00	67.80 2.06 0.00	66.74 2.90 17.47	90.60 3.12 0.00	116.80 4.07 0.00	364.83 12.99 0.00	737.41 27.18 0.00	593.56 23.88 0.00	581.35 26.44 0.00	199.25 9.79 0.00	134.44 6.43 0.00	97.69 4.21 0.00	91.10 3.08 0.00
ONONDAGA_REF_OCCRA 23987	63.39 0.51 0.00	52.64 0.20 0.00	46.64 0.07 0.00	36.85 -0.02 0.00	40.12 -0.03 0.00	36.86 0.01 0.00	50.86 0.06 0.00	43.71 0.10 0.00	46.78 0.24 0.00	48.15 0.22 0.00	60.98 0.30 0.00	67.12 0.72 0.00	67.07 1.33 0.00	75.45 1.92 7.79	89.39 1.91 0.00	115.20 2.48 0.00	359.23 7.39 0.00	721.43 11.20 0.00	578.41 8.73 0.00	565.39 10.49 0.00	193.73 4.27 0.00	130.93 2.92 0.00	94.95 1.48 0.00	88.85 0.83 0.00
ONONDAGA___COGEN 23986	62.99 0.12 0.00	52.32 -0.12 0.00	46.35 -0.22 0.00	36.63 -0.24 0.00	39.88 -0.26 0.00	36.65 -0.19 0.00	50.55 -0.25 0.00	43.47 -0.14 0.00	46.50 -0.04 0.00	47.86 -0.08 0.00	60.59 -0.09 0.00	66.63 0.24 0.00	66.57 0.83 0.00	75.14 1.21 7.40	88.64 1.15 0.00	114.19 1.47 0.00	355.80 3.96 0.00	713.42 3.18 0.00	572.24 2.56 0.00	559.33 4.43 0.00	191.89 2.43 0.00	129.88 1.88 0.00	94.20 0.73 0.00	88.25 0.23 0.00
ONTARIO___LFGE 23819	65.43 2.56 0.00	53.96 1.52 0.00	47.56 0.98 0.00	37.60 0.74 0.00	40.99 0.85 0.00	37.74 0.89 0.00	51.94 1.14 0.00	44.82 1.21 0.00	48.13 1.59 0.00	49.54 1.61 0.00	62.71 2.04 0.00	69.24 2.84 0.00	69.75 4.01 0.00	86.45 5.13 0.00	92.19 4.71 0.00	118.88 6.15 0.00	369.87 18.03 0.00	741.98 31.74 0.00	597.68 28.00 0.00	587.75 32.85 0.00	202.43 12.97 0.00	136.27 8.26 0.00	97.88 4.40 0.00	91.59 3.57 0.00
ORANGEVILLE_WT_PWR 323706	65.05 2.18 0.00	53.43 1.00 0.00	46.60 0.03 0.00	36.73 -0.14 0.00	40.16 0.02 0.00	36.99 0.14 0.00	51.04 0.24 0.00	43.89 0.28 0.00	47.57 1.02 0.00	49.24 1.31 0.00	62.45 1.77 0.00	68.97 2.58 0.00	69.60 3.87 0.00	85.44 4.12 0.00	90.95 3.47 0.00	117.22 4.50 0.00	364.88 13.05 0.00	737.35 27.12 0.00	588.62 18.95 0.00	579.65 24.74 0.00	200.35 10.89 0.00	134.55 6.54 0.00	97.51 4.04 0.00	92.19 4.17 0.00
ORANGEVILLE___ESR 323794	65.05 2.18 0.00	53.43 1.00 0.00	46.60 0.03 0.00	36.73 -0.14 0.00	40.16 0.02 0.00	36.99 0.14 0.00	51.04 0.24 0.00	43.89 0.28 0.00	47.57 1.02 0.00	49.24 1.31 0.00	62.45 1.77 0.00	68.97 2.58 0.00	69.60 3.87 0.00	85.44 4.12 0.00	90.95 3.47 0.00	117.22 4.50 0.00	364.88 13.05 0.00	737.35 27.12 0.00	588.62 18.95 0.00	579.65 24.74 0.00	200.35 10.89 0.00	134.55 6.54 0.00	97.51 4.04 0.00	92.19 4.17 0.00
OSWEGATCHIE___HYD 24044	62.88 0.01 0.00	52.48 0.05 0.00	46.63 0.06 0.00	37.11 0.24 0.00	40.76 0.61 0.00	37.59 0.74 0.00	52.06 1.26 0.00	44.59 0.99 0.00	47.31 0.77 0.00	48.50 0.57 0.00	61.05 0.38 0.00	66.18 -0.22 0.00	64.25 -1.49 0.00	-131.71 -3.59 209.43	83.90 -3.59 0.00	108.00 -4.73 0.00	337.45 -14.38 0.00	685.44 -24.80 0.00	557.61 -12.06 0.00	544.78 -10.13 0.00	187.39 -2.07 0.00	127.95 -0.06 0.00	95.54 2.06 0.00	90.71 2.69 0.00
OSWEGO___5 23606	61.90 -0.97 0.00	51.50 -0.94 0.00	45.65 -0.92 0.00	36.08 -0.78 0.00	39.30 -0.85 0.00	36.09 -0.76 0.00	49.76 -1.04 0.00	42.75 -0.86 0.00	45.75 -0.80 0.00	47.06 -0.86 0.00	59.50 -1.18 0.00	65.32 -1.08 0.00	65.08 -0.66 0.00	80.62 -0.70 0.00	86.60 -0.88 0.00	111.60 -1.12 0.00	347.32 -4.51 0.00	695.49 -14.74 0.00	557.28 -12.39 0.00	544.16 -10.74 0.00	186.68 -2.79 0.00	126.79 -1.22 0.00	92.24 -1.24 0.00	86.62 -1.40 0.00
OSWEGO___6 23613	61.90 -0.97 0.00	51.50 -0.94 0.00	45.65 -0.92 0.00	36.08 -0.78 0.00	39.30 -0.85 0.00	36.09 -0.76 0.00	49.76 -1.04 0.00	42.75 -0.86 0.00	45.75 -0.80 0.00	47.06 -0.86 0.00	59.50 -1.18 0.00	65.32 -1.08 0.00	65.08 -0.66 0.00	80.62 -0.70 0.00	86.60 -0.88 0.00	111.60 -1.12 0.00	347.32 -4.51 0.00	695.49 -14.74 0.00	557.28 -12.39 0.00	544.16 -10.74 0.00	186.68 -2.79 0.00	126.79 -1.22 0.00	92.24 -1.24 0.00	86.62 -1.40 0.00

OUTOKUMPU-AB___DRP 24206	66.24 3.37 0.00	54.16 1.73 0.00	46.88 0.31 0.00	36.66 -0.21 0.00	39.94 -0.20 0.00	36.79 -0.05 0.00	50.69 -0.11 0.00	43.87 0.27 0.00	47.99 1.45 0.00	49.92 1.99 0.00	63.55 2.88 0.00	70.03 3.63 0.00	70.74 5.00 0.00	86.04 4.71 0.00	91.47 3.98 0.00	117.80 5.08 0.00	365.92 14.09 0.00	742.54 32.31 0.00	590.24 20.56 0.00	578.69 23.78 0.00	199.54 10.08 0.00	133.83 5.82 0.00	97.26 3.78 0.00	92.61 4.59 0.00
OXBOW___BTM 323836	65.50 2.63 0.00	53.53 1.10 0.00	46.34 -0.23 0.00	36.21 -0.65 0.00	39.46 -0.68 0.00	36.35 -0.50 0.00	50.03 -0.77 0.00	43.31 -0.30 0.00	47.38 0.84 0.00	49.30 1.37 0.00	62.75 2.08 0.00	68.91 2.52 0.00	69.54 3.80 0.00	84.48 3.16 0.00	89.82 2.34 0.00	115.62 2.90 0.00	359.11 7.28 0.00	727.86 17.62 0.00	578.55 8.88 0.00	567.17 12.26 0.00	195.72 6.26 0.00	131.53 3.52 0.00	95.72 2.24 0.00	91.48 3.46 0.00
OXBOW___ 24026	65.48 2.61 0.00	53.53 1.10 0.00	46.35 -0.22 0.00	36.21 -0.65 0.00	39.46 -0.68 0.00	36.35 -0.50 0.00	50.03 -0.77 0.00	43.32 -0.29 0.00	47.39 0.84 0.00	49.30 1.37 0.00	62.75 2.08 0.00	68.92 2.52 0.00	69.54 3.81 0.00	84.45 3.13 0.00	89.81 2.32 0.00	115.60 2.88 0.00	359.08 7.25 0.00	727.74 17.50 0.00	578.33 8.65 0.00	567.03 12.13 0.00	195.71 6.25 0.00	131.43 3.42 0.00	95.72 2.24 0.00	91.48 3.46 0.00
OXY_CHEM_DSASP 323612	64.61 1.74 0.00	52.83 0.39 0.00	45.75 -0.82 0.00	35.73 -1.13 0.00	38.95 -1.20 0.00	35.86 -0.99 0.00	49.32 -1.48 0.00	42.70 -0.91 0.00	46.68 0.14 0.00	48.57 0.64 0.00	61.78 1.10 0.00	68.04 1.64 0.00	68.58 2.85 0.00	83.12 1.80 0.00	88.39 0.91 0.00	113.73 1.00 0.00	353.18 1.35 0.00	714.61 4.37 0.00	567.69 -1.98 0.00	556.77 1.86 0.00	192.40 2.94 0.00	129.49 1.48 0.00	94.35 0.88 0.00	90.09 2.06 0.00
OZONE_PARK_ESR 323760	66.42 3.55 0.00	55.50 3.06 0.00	49.92 3.35 0.00	39.56 2.69 0.00	42.90 2.76 0.00	39.60 2.45 -0.30	53.95 3.15 0.00	46.73 3.12 0.00	49.90 3.35 0.00	52.08 3.72 -0.43	65.26 4.59 0.00	72.14 5.74 0.00	72.89 7.16 0.00	91.58 10.26 0.00	98.73 11.24 0.00	127.84 15.11 0.00	403.12 48.95 -2.33	815.96 99.99 -5.74	647.10 77.42 0.00	626.09 71.19 0.00	212.61 23.14 0.00	141.97 13.96 0.00	102.14 8.66 0.00	93.77 5.75 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	64.61 1.74 0.00	52.83 0.39 0.00	45.75 -0.82 0.00	35.73 -1.13 0.00	38.95 -1.20 0.00	35.86 -0.99 0.00	49.32 -1.48 0.00	42.70 -0.91 0.00	46.68 0.14 0.00	48.57 0.64 0.00	61.78 1.10 0.00	68.04 1.64 0.00	68.58 2.85 0.00	83.12 1.80 0.00	88.39 0.91 0.00	113.73 1.00 0.00	353.18 1.35 0.00	714.61 4.37 0.00	567.69 -1.98 0.00	556.77 1.86 0.00	192.40 2.94 0.00	129.49 1.48 0.00	94.35 0.88 0.00	90.09 2.06 0.00
PACKARD___115KV_DUPONT_184 80571	64.61 1.74 0.00	52.83 0.39 0.00	45.75 -0.82 0.00	35.73 -1.13 0.00	38.95 -1.20 0.00	35.86 -0.99 0.00	49.32 -1.48 0.00	42.70 -0.91 0.00	46.68 0.14 0.00	48.57 0.64 0.00	61.78 1.10 0.00	68.04 1.64 0.00	68.58 2.85 0.00	83.12 1.80 0.00	88.39 0.91 0.00	113.73 1.00 0.00	353.18 1.35 0.00	714.61 4.37 0.00	567.69 -1.98 0.00	556.77 1.86 0.00	192.40 2.94 0.00	129.49 1.48 0.00	94.35 0.88 0.00	90.09 2.06 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	65.08 2.21 -0.01	54.81 2.37 0.00	49.24 2.67 0.00	39.13 2.26 0.00	42.32 2.18 0.00	39.06 1.92 -0.30	53.09 2.29 0.00	46.06 2.45 0.00	49.13 2.58 0.00	51.00 2.65 -0.43	63.76 3.09 0.00	70.70 4.31 0.00	71.51 5.78 0.00	89.86 8.54 0.00	96.83 9.35 0.00	125.67 12.74 -0.20	394.47 40.09 -2.54	800.23 83.85 -6.16	632.66 62.99 0.00	612.31 57.41 0.00	207.96 18.50 0.00	138.42 10.42 0.00	99.79 6.32 0.00	91.62 3.60 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	67.66 4.78 -0.01	57.10 4.67 0.00	51.20 4.63 0.00	40.64 3.78 0.00	43.91 3.77 0.00	40.57 3.43 -0.30	55.15 4.35 0.00	47.79 4.19 0.00	50.97 4.42 0.00	52.94 4.58 -0.43	66.23 5.55 0.00	73.59 7.20 0.00	74.30 8.56 0.00	93.31 11.98 0.00	100.55 13.07 0.00	130.67 17.74 -0.20	410.01 55.64 -2.54	831.80 115.40 -6.16	657.39 87.72 0.00	637.47 82.56 0.00	215.65 26.19 0.00	143.72 15.71 0.00	103.74 10.26 0.00	95.19 7.17 0.00
PATROON___115KV_TB1 80586	63.34 0.47 0.00	52.92 0.49 0.00	47.31 0.73 0.00	37.38 0.52 0.00	40.64 0.50 0.00	36.96 0.36 0.24	51.31 0.51 0.00	43.93 0.32 0.00	46.64 0.09 0.00	47.69 0.10 0.35	61.09 0.41 0.00	67.30 0.90 0.00	67.16 1.42 0.00	84.07 2.75 0.00	90.59 3.11 0.00	116.87 4.15 0.00	365.98 14.27 0.12	740.74 30.79 0.29	594.41 24.74 0.00	577.44 22.53 0.00	196.07 6.61 0.00	132.19 4.18 0.00	95.83 2.35 0.00	89.32 1.30 0.00
PATTRSNVILLE___SOLAR 323815	65.06 2.19 0.00	54.32 1.89 0.00	48.40 1.83 0.00	38.26 1.40 0.00	41.63 1.49 0.00	38.01 1.35 0.19	52.69 1.89 0.00	45.01 1.41 0.00	47.62 1.07 0.00	48.56 0.91 0.28	61.81 1.13 0.00	67.93 1.54 0.00	67.46 1.72 0.00	83.94 2.62 0.00	90.33 2.84 0.00	116.36 3.63 0.00	364.51 12.77 0.10	739.69 29.70 0.25	597.83 28.15 0.00	586.00 31.10 0.00	200.31 10.85 0.00	135.22 7.21 0.00	98.14 4.66 0.00	91.62 3.60 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	66.24 3.37 0.00	54.19 1.75 0.00	47.06 0.49 0.00	36.92 0.05 0.00	40.24 0.10 0.00	37.05 0.20 0.00	51.12 0.32 0.00	44.18 0.57 0.00	48.31 1.77 0.00	50.25 2.32 0.00	63.95 3.28 0.00	70.64 4.24 0.00	71.44 5.71 0.00	87.44 6.12 0.00	93.16 5.67 0.00	119.92 7.20 0.00	372.78 20.95 0.00	756.32 46.09 0.00	600.97 31.29 0.00	589.10 34.19 0.00	202.88 13.42 0.00	135.72 7.71 0.00	98.40 4.92 0.00	93.00 4.98 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	65.50 2.63 0.00	54.72 2.28 0.00	49.08 2.51 0.00	38.83 1.96 0.00	42.13 1.98 0.00	38.83 1.72 -0.27	53.06 2.26 0.00	45.82 2.21 0.00	48.88 2.34 0.00	50.97 2.65 -0.38	64.30 3.63 0.00	71.14 4.74 0.00	71.72 5.98 0.00	90.17 8.85 0.00	97.37 9.89 0.00	125.99 13.26 0.00	394.78 43.16 0.21	798.30 88.57 0.51	639.03 69.35 0.00	618.69 63.78 0.00	209.83 20.37 0.00	140.26 12.25 0.00	100.90 7.43 0.00	92.83 4.81 0.00
PEEKSKILL___ 23653	64.87 2.00 0.00	54.29 1.85 0.00	48.76 2.18 0.00	38.60 1.73 0.00	41.88 1.74 0.00	38.61 1.47 -0.29	52.64 1.84 0.00	45.46 1.86 0.00	48.49 1.94 0.00	50.58 2.23 -0.42	63.60 2.92 0.00	70.32 3.92 0.00	70.93 5.19 0.00	89.06 7.74 0.00	96.08 8.60 0.00	124.33 11.60 0.00	391.17 37.43 -1.91	791.52 76.58 -4.71	629.05 59.37 0.00	609.17 54.27 0.00	206.83 17.37 0.00	138.18 10.17 0.00	99.45 5.97 0.00	91.55 3.52 0.00
PGE MADISON___WINDPWR 24146	68.74 5.87 0.00	56.94 4.51 0.00	50.39 3.82 0.00	39.79 2.93 0.00	43.45 3.30 0.00	40.10 3.26 0.00	55.30 4.49 0.00	47.54 3.93 0.00	50.58 4.03 0.00	51.97 4.04 0.00	65.61 4.94 0.00	72.51 6.11 0.00	72.41 6.67 0.00	90.28 8.96 0.00	96.83 9.35 0.00	124.73 12.00 0.00	391.04 39.20 0.00	794.26 84.02 0.00	642.31 72.63 0.00	633.50 78.60 0.00	216.75 27.29 0.00	145.49 17.48 0.00	104.77 11.30 0.00	97.40 9.37 0.00

PIERCEFIELD___HYD 23852	62.77 -0.10 0.00	52.38 -0.06 0.00	46.19 -0.38 0.00	36.74 -0.12 0.00	40.20 0.05 0.00	37.12 0.27 0.00	51.28 0.48 0.00	43.88 0.27 0.00	46.49 -0.05 0.00	47.61 -0.32 0.00	59.93 -0.75 0.00	64.73 -1.66 0.00	62.42 -3.31 0.00	-248.28 -6.93 322.68	80.31 -7.17 0.00	103.34 -9.39 0.00	322.89 -28.94 0.00	657.43 -52.81 0.00	532.99 -36.69 0.00	520.41 -34.49 0.00	178.16 -11.30 0.00	121.83 -6.18 0.00	91.74 -1.73 0.00	88.46 0.44 0.00
PINELAWN_CC_1 323563	63.11 1.60 1.36	54.43 2.00 0.00	49.27 2.70 0.00	38.78 1.92 0.00	42.02 1.88 0.00	38.72 1.57 -0.30	52.48 1.68 0.00	45.40 1.80 0.00	46.94 1.42 1.03	42.72 1.83 7.04	63.55 2.87 0.00	70.02 3.66 0.04	74.64 5.47 -3.43	96.63 8.17 -7.14	106.34 9.60 -9.26	144.88 12.66 -19.50	397.15 38.80 -6.53	799.08 83.05 -5.79	628.31 61.58 2.94	588.46 50.76 17.21	196.36 16.34 9.44	135.04 8.85 1.82	103.19 4.96 -4.76	90.12 2.57 0.48
PJM_GEN_HTTP_PROXY 323702	74.92 2.53 -9.52	56.57 2.20 -1.93	42.68 2.62 6.52	39.00 2.13 0.00	42.29 2.15 0.00	39.03 1.89 -0.30	53.18 2.38 0.00	46.02 2.42 0.00	49.14 2.58 -0.02	51.25 2.89 -0.43	64.24 3.57 0.00	70.97 4.57 0.00	71.70 5.96 0.00	90.01 8.69 0.00	97.07 9.58 0.00	125.57 12.84 0.00	396.32 42.16 -2.33	624.29 86.22 172.17	557.38 66.33 78.64	615.23 60.32 0.00	208.96 19.49 0.00	139.43 11.42 0.00	100.37 6.89 0.00	92.18 4.16 0.00
PJM_GEN_KEystone 24065	73.86 1.47 -9.52	55.29 0.92 -1.93	40.83 0.78 6.52	37.43 0.56 0.00	40.68 0.54 0.00	37.47 0.46 -0.16	51.34 0.54 0.00	44.25 0.64 0.00	47.68 1.11 -0.02	49.58 1.42 -0.23	62.54 1.87 0.00	69.17 2.78 0.00	69.87 4.13 0.00	88.14 5.82 -1.00	106.58 5.95 -13.15	189.37 7.94 -68.71	512.53 24.98 -135.72	584.33 49.94 175.84	527.23 36.19 78.64	590.06 35.16 0.00	201.54 12.08 0.00	141.25 6.96 -6.28	118.46 3.97 -21.01	67.09 2.42 23.36
PJM_GEN_NEPTUNE_PROXY 323594	69.24 1.77 -4.60	56.39 2.02 -1.93	42.70 2.64 6.52	38.79 1.93 0.00	42.06 1.91 0.00	38.74 1.60 -0.30	52.55 1.75 0.00	45.42 1.82 0.00	46.89 1.58 1.23	40.88 1.97 9.02	62.68 3.05 1.04	66.57 3.79 3.61	70.05 5.51 1.20	88.46 8.15 1.01	98.56 9.41 -1.67	138.27 12.44 -13.11	393.30 38.44 -3.04	619.93 81.80 172.10	548.45 60.57 81.80	585.77 51.32 20.46	193.68 16.64 12.42	134.51 9.15 2.65	98.66 5.19 0.00	89.30 2.63 1.36
PJM_GEN_VFT_PROXY 323633	74.47 2.08 -9.52	56.29 1.92 -1.93	42.45 2.39 6.52	38.86 1.99 0.00	42.15 2.00 0.00	38.89 1.74 -0.30	52.92 2.12 0.00	45.84 2.23 0.00	48.94 2.37 -0.02	51.05 2.69 -0.43	63.87 3.19 0.00	70.56 4.17 0.00	71.29 5.56 0.00	89.52 8.20 0.00	96.55 9.07 0.00	124.38 12.18 0.52	393.03 39.38 -1.81	617.50 80.46 173.20	552.95 61.90 78.64	611.07 56.16 0.00	207.62 18.16 0.00	138.40 10.40 0.00	99.64 6.16 0.00	91.46 3.44 0.00
PLATSBURG_115KV_PMLD1 355749	61.33 -1.54 0.00	51.29 -1.15 0.00	45.55 -1.02 0.00	36.11 -0.75 0.00	39.54 -0.60 0.00	36.45 -0.39 0.00	50.53 -0.27 0.00	43.67 0.06 0.00	46.79 0.24 0.00	48.28 0.35 0.00	61.04 0.36 0.00	65.91 -0.49 0.00	63.99 -1.75 0.00	76.74 -3.59 0.99	83.89 -3.59 0.00	108.06 -4.67 0.00	337.54 -14.30 0.00	688.51 -21.73 0.00	554.39 -15.29 0.00	540.02 -14.89 0.00	183.77 -5.70 0.00	124.48 -3.53 0.00	91.56 -1.91 0.00	87.79 -0.23 0.00
PLEASANTVLY___LBMP 24000	64.37 1.49 0.00	53.85 1.42 0.00	48.33 1.76 0.00	38.23 1.37 0.00	41.51 1.37 0.00	38.32 1.14 -0.34	52.25 1.45 0.00	45.04 1.43 0.00	47.96 1.42 0.00	49.99 1.58 -0.48	62.86 2.19 0.00	69.43 3.04 0.00	69.83 4.10 0.00	87.67 6.34 0.00	94.58 7.10 0.00	122.26 9.54 0.00	382.49 30.96 0.31	773.02 63.54 0.75	619.43 49.75 0.00	600.29 45.38 0.00	203.78 14.32 0.00	136.46 8.45 0.00	98.46 4.99 0.00	90.89 2.87 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	64.90 2.03 0.00	54.29 1.85 0.00	48.75 2.18 0.00	38.60 1.74 0.00	41.88 1.74 0.00	38.62 1.47 -0.31	52.69 1.89 0.00	45.49 1.88 0.00	48.51 1.96 0.00	50.57 2.20 -0.44	63.60 2.93 0.00	70.30 3.90 0.00	70.82 5.08 0.00	88.97 7.64 0.00	95.98 8.49 0.00	124.12 11.40 0.00	387.23 36.87 1.47	782.12 75.52 3.63	628.45 58.77 0.00	608.66 53.75 0.00	206.60 17.13 0.00	138.17 10.16 0.00	99.50 6.02 0.00	91.66 3.64 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	64.90 2.03 0.00	54.29 1.85 0.00	48.75 2.18 0.00	38.60 1.74 0.00	41.88 1.74 0.00	38.62 1.47 -0.31	52.69 1.89 0.00	45.49 1.88 0.00	48.51 1.96 0.00	50.57 2.20 -0.44	63.60 2.93 0.00	70.30 3.90 0.00	70.82 5.08 0.00	88.97 7.64 0.00	95.98 8.49 0.00	124.12 11.40 0.00	387.23 36.87 1.47	782.12 75.52 3.63	628.45 58.77 0.00	608.66 53.75 0.00	206.60 17.13 0.00	138.17 10.16 0.00	99.50 6.02 0.00	91.66 3.64 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	65.05 2.18 0.00	54.37 1.93 0.00	48.73 2.16 0.00	38.53 1.66 0.00	41.82 1.68 0.00	38.28 1.43 0.00	52.70 1.90 0.00	45.46 1.86 0.00	48.46 1.92 0.00	50.06 2.13 0.00	63.63 2.96 0.00	70.37 3.97 0.00	70.83 5.09 0.00	88.98 7.66 0.00	96.09 8.60 0.00	124.35 11.63 0.00	389.56 37.87 0.14	788.20 78.30 0.34	631.29 61.62 0.00	611.75 56.84 0.00	207.57 18.11 0.00	138.82 10.81 0.00	100.03 6.55 0.00	92.16 4.14 0.00
POLETTI____ 23519	65.31 2.44 0.00	54.62 2.18 0.00	49.16 2.60 0.00	38.99 2.12 0.00	42.28 2.13 0.00	39.02 1.88 -0.30	53.14 2.33 0.00	46.02 2.41 0.00	49.11 2.56 0.00	51.21 2.85 -0.43	64.12 3.44 0.00	70.83 4.44 0.00	71.56 5.83 0.00	89.87 8.54 0.00	96.90 9.41 0.00	125.42 12.69 0.00	395.38 41.21 -2.33	800.29 84.31 -5.74	634.62 64.94 0.00	613.88 58.98 0.00	208.40 18.94 0.00	139.07 11.06 0.00	100.09 6.62 0.00	91.91 3.89 0.00
POMONA___ESR 323819	64.87 2.00 0.00	54.27 1.84 0.00	48.73 2.15 0.00	38.57 1.71 0.00	41.84 1.70 0.00	38.53 1.41 -0.28	52.55 1.75 0.00	45.38 1.77 0.00	48.43 1.88 0.00	50.56 2.23 -0.40	63.65 2.98 0.00	70.44 4.04 0.00	71.08 5.34 0.00	89.27 7.95 0.00	96.32 8.83 0.00	124.69 11.97 0.00	391.84 38.49 -1.52	792.61 78.64 -3.73	630.44 60.76 0.00	610.32 55.42 0.00	207.12 17.66 0.00	138.33 10.32 0.00	99.48 6.01 0.00	91.57 3.55 0.00
PORT_JEFF_3 23555	61.00 1.65 3.52	54.61 2.17 0.00	49.51 2.94 0.00	38.95 2.09 0.00	42.18 2.03 0.00	38.83 1.69 -0.30	52.52 1.72 0.00	45.28 1.67 0.00	46.54 1.16 1.16	41.39 1.58 8.12	63.01 2.99 0.65	67.81 3.75 2.34	71.88 5.55 -0.60	93.37 7.87 -4.18	126.05 9.54 -29.02	192.80 12.56 -67.52	399.72 35.96 -11.93	791.32 75.29 -5.79	621.41 54.27 2.55	580.03 42.12 16.99	192.47 13.61 10.60	133.45 7.58 2.13	101.55 4.10 -3.98	88.67 1.66 1.01
PORT_JEFF_4 23616	61.00 1.65 3.52	54.61 2.17 0.00	49.51 2.94 0.00	38.95 2.09 0.00	42.18 2.03 0.00	38.83 1.69 -0.30	52.52 1.72 0.00	45.28 1.67 0.00	46.54 1.16 1.16	41.39 1.58 8.12	63.01 2.99 0.65	67.81 3.75 2.34	71.88 5.55 -0.60	93.37 7.87 -4.18	126.05 9.54 -29.02	192.80 12.56 -67.52	399.72 35.96 -11.93	791.32 75.29 -5.79	621.41 54.27 2.55	580.03 42.12 16.99	192.47 13.61 10.60	133.45 7.58 2.13	101.55 4.10 -3.98	88.67 1.66 1.01

PORT_JEFF_IC 23713	61.33 1.92 3.46	54.74 2.30 0.00	49.62 3.05 0.00	39.04 2.18 0.00	42.28 2.13 0.00	38.92 1.78 -0.30	52.65 1.85 0.00	45.40 1.80 0.00	46.72 1.34 1.16	41.71 1.87 8.08	63.37 3.33 0.64	68.25 4.15 2.30	72.42 6.01 -0.68	94.72 8.46 -4.94	143.85 9.90 -46.47	230.52 13.02 -104.78	406.74 37.46 -17.45	794.11 78.08 -5.79	623.88 56.73 2.53	582.70 44.71 16.91	193.29 14.37 10.54	134.14 8.26 2.12	102.04 4.53 -4.04	89.20 2.17 1.00
PPL PILGRIM_ST_GT1 24216	61.96 2.27 3.18	55.12 2.68 0.00	49.98 3.40 0.00	39.32 2.46 0.00	42.60 2.45 0.00	39.23 2.09 -0.30	53.15 2.35 0.00	45.91 2.30 0.00	47.36 1.95 1.14	42.39 2.39 7.93	63.95 3.83 0.56	68.99 4.61 2.01	73.23 6.48 -1.02	112.33 9.23 -21.78	107.76 10.58 -9.69	142.44 13.55 -16.16	397.07 40.71 -4.52	803.39 87.37 -5.79	631.54 64.31 2.45	590.93 52.44 16.41	196.31 17.08 10.23	135.44 9.49 2.05	135.51 6.04 -35.99	90.53 3.43 0.92
PPL PILGRIM_ST_GT2 24217	61.96 2.27 3.18	55.12 2.68 0.00	49.98 3.40 0.00	39.32 2.46 0.00	42.60 2.45 0.00	39.23 2.09 -0.30	53.15 2.35 0.00	45.91 2.30 0.00	47.36 1.95 1.14	42.39 2.39 7.93	63.95 3.83 0.56	68.99 4.61 2.01	73.23 6.48 -1.02	112.33 9.23 -21.78	107.76 10.58 -9.69	142.44 13.55 -16.16	397.07 40.71 -4.52	803.39 87.37 -5.79	631.54 64.31 2.45	590.93 52.44 16.41	196.31 17.08 10.23	135.44 9.49 2.05	135.51 6.04 -35.99	90.53 3.43 0.92
PPL_SHRM_GT3 24213	60.97 1.59 3.49	54.46 2.03 0.00	49.35 2.78 0.00	38.78 1.92 0.00	41.98 1.83 0.00	38.62 1.47 -0.30	52.22 1.42 0.00	45.06 1.45 0.00	46.45 1.07 1.16	41.32 1.50 8.10	63.03 3.00 0.64	67.98 3.90 2.31	72.30 5.93 -0.64	94.64 8.77 -4.54	130.48 10.49 -32.50	201.13 13.60 -74.81	401.32 36.47 -13.02	794.43 78.41 -5.79	624.20 57.06 2.54	582.68 44.72 16.95	193.38 14.49 10.57	134.41 8.53 2.13	102.32 4.53 -4.32	88.90 1.89 1.01
PPL_SHRM_GT4 24214	60.97 1.59 3.49	54.46 2.03 0.00	49.35 2.78 0.00	38.78 1.92 0.00	41.98 1.83 0.00	38.62 1.47 -0.30	52.22 1.42 0.00	45.06 1.45 0.00	46.45 1.07 1.16	41.32 1.50 8.10	63.03 3.00 0.64	67.98 3.90 2.31	72.30 5.93 -0.64	94.64 8.77 -4.54	130.48 10.49 -32.50	201.13 13.60 -74.81	401.32 36.47 -13.02	794.43 78.41 -5.79	624.20 57.06 2.54	582.68 44.72 16.95	193.38 14.49 10.57	134.41 8.53 2.13	102.32 4.53 -4.32	88.90 1.89 1.01
PROJECT___ORANGE 1 24174	63.00 0.13 0.00	52.33 -0.11 0.00	46.37 -0.20 0.00	36.61 -0.26 0.00	39.87 -0.28 0.00	36.62 -0.22 0.00	50.54 -0.26 0.00	43.45 -0.16 0.00	46.53 -0.02 0.00	47.92 -0.01 0.00	60.71 0.03 0.00	66.78 0.39 0.00	66.71 0.97 0.00	74.05 1.44 8.72	88.89 1.41 0.00	114.57 1.85 0.00	357.08 5.25 0.00	716.86 6.62 0.00	574.28 4.61 0.00	560.81 5.91 0.00	192.15 2.69 0.00	129.90 1.89 0.00	94.26 0.78 0.00	88.26 0.24 0.00
PROJECT___ORANGE 2 24166	63.00 0.13 0.00	52.33 -0.11 0.00	46.37 -0.20 0.00	36.61 -0.26 0.00	39.87 -0.28 0.00	36.62 -0.22 0.00	50.54 -0.26 0.00	43.45 -0.16 0.00	46.53 -0.02 0.00	47.92 -0.01 0.00	60.71 0.03 0.00	66.78 0.39 0.00	66.71 0.97 0.00	74.05 1.44 8.72	88.89 1.41 0.00	114.57 1.85 0.00	357.08 5.25 0.00	716.86 6.62 0.00	574.28 4.61 0.00	560.81 5.91 0.00	192.15 2.69 0.00	129.90 1.89 0.00	94.26 0.78 0.00	88.26 0.24 0.00
PUCKETT___SOLAR 323809	65.13 2.26 0.00	54.01 1.57 0.00	47.92 1.35 0.00	37.90 1.04 0.00	41.28 1.13 0.00	37.96 1.12 0.00	52.29 1.49 0.00	44.87 1.26 0.00	47.97 1.42 0.00	49.37 1.44 0.00	62.31 1.63 0.00	68.61 2.21 0.00	68.90 3.16 0.00	85.76 4.44 0.00	91.90 4.42 0.00	118.74 6.02 0.00	371.45 19.62 0.00	750.45 40.21 0.00	603.47 33.80 0.00	591.53 36.62 0.00	202.47 13.01 0.00	136.26 8.25 0.00	98.62 5.15 0.00	91.77 3.75 0.00
PYRITES___HYD 24023	64.33 1.46 0.00	53.70 1.26 0.00	47.29 0.72 0.00	37.60 0.73 0.00	41.12 0.98 0.00	37.97 1.13 0.00	52.47 1.67 0.00	44.82 1.21 0.00	47.24 0.70 0.00	48.19 0.26 0.00	60.64 -0.03 0.00	65.43 -0.97 0.00	63.15 -2.59 0.00	-266.82 -6.12 342.02	81.12 -6.36 0.00	104.48 -8.24 0.00	326.02 -25.81 0.00	666.46 -43.78 0.00	543.53 -26.15 0.00	534.75 -20.16 0.00	183.46 -6.00 0.00	125.23 -2.78 0.00	93.86 0.39 0.00	90.40 2.38 0.00
QUAKERRD_115KV_BK1 80622	63.99 1.12 0.00	52.74 0.30 0.00	46.19 -0.38 0.00	36.29 -0.58 0.00	39.53 -0.61 0.00	36.37 -0.47 0.00	50.17 -0.63 0.00	43.30 -0.31 0.00	46.84 0.29 0.00	48.51 0.58 0.00	61.62 0.94 0.00	67.88 1.48 0.00	68.10 2.37 0.00	83.74 2.42 0.00	89.55 2.06 0.00	115.42 2.70 0.00	358.84 7.01 0.00	723.11 12.87 0.00	577.70 8.03 0.00	565.52 10.61 0.00	194.48 5.01 0.00	131.06 3.05 0.00	94.90 1.42 0.00	89.36 1.33 0.00
QUENSBRY_115KV_TB8 356137	66.74 3.87 0.00	55.51 3.07 0.00	49.46 2.89 0.00	39.00 2.14 0.00	42.47 2.33 0.00	38.62 2.03 0.26	53.79 2.99 0.00	46.19 2.58 0.00	48.83 2.28 0.00	49.67 2.12 0.38	63.46 2.79 0.00	70.11 3.71 0.00	69.60 3.87 0.00	87.47 6.14 0.00	94.74 7.26 0.00	121.96 9.24 0.00	381.21 29.49 0.11	778.40 68.44 0.27	626.41 56.73 0.00	609.94 55.04 0.00	206.86 17.40 0.00	140.34 12.33 0.00	101.73 8.25 0.00	94.46 6.44 0.00
RAMAPO___LBMP 323565	64.58 1.71 0.00	54.05 1.61 0.00	48.49 1.93 0.00	38.39 1.52 0.00	41.65 1.50 0.00	38.37 1.25 -0.28	52.36 1.56 0.00	45.20 1.59 0.00	48.21 1.66 0.00	50.29 1.97 -0.40	63.29 2.62 0.00	70.01 3.62 0.00	70.59 4.85 0.00	88.65 7.33 0.00	95.59 8.11 0.00	123.73 11.00 0.00	388.70 35.47 -1.40	785.98 72.30 -3.44	625.74 56.06 0.00	606.16 51.25 0.00	205.79 16.33 0.00	137.49 9.48 0.00	98.91 5.44 0.00	91.09 3.07 0.00
RANKINE____ 23646	66.44 3.57 0.00	54.36 1.92 0.00	47.17 0.59 0.00	36.96 0.09 0.00	40.31 0.16 0.00	37.11 0.26 0.00	51.20 0.40 0.00	44.23 0.62 0.00	48.33 1.79 0.00	50.26 2.33 0.00	63.96 3.28 0.00	70.61 4.21 0.00	71.33 5.59 0.00	87.14 5.82 0.00	92.75 5.27 0.00	119.41 6.69 0.00	371.25 19.42 0.00	752.30 42.07 0.00	597.69 28.01 0.00	586.23 31.32 0.00	202.13 12.67 0.00	135.52 7.51 0.00	98.34 4.87 0.00	93.19 5.17 0.00
RAVENSWOOD_GT2_1 24244	65.33 2.46 0.00	54.68 2.24 0.00	49.22 2.65 0.00	39.03 2.17 0.00	42.33 2.18 0.00	39.06 1.91 -0.30	53.19 2.39 0.00	46.06 2.45 0.00	49.16 2.61 0.00	51.27 2.91 -0.43	64.20 3.53 0.00	70.93 4.53 0.00	71.64 5.91 0.00	89.98 8.66 0.00	97.00 9.52 0.00	125.54 12.82 0.00	395.54 41.37 -2.34	800.69 84.70 -5.75	635.09 65.41 0.00	614.39 59.49 0.00	208.60 19.14 0.00	139.21 11.21 0.00	100.20 6.73 0.00	92.06 4.04 0.00
RAVENSWOOD_GT2_2 24245	65.33 2.46 0.00	54.68 2.24 0.00	49.22 2.65 0.00	39.03 2.17 0.00	42.33 2.18 0.00	39.06 1.91 -0.30	53.19 2.39 0.00	46.06 2.45 0.00	49.16 2.61 0.00	51.27 2.91 -0.43	64.20 3.53 0.00	70.93 4.53 0.00	71.64 5.91 0.00	89.98 8.66 0.00	97.00 9.52 0.00	125.54 12.82 0.00	395.54 41.37 -2.34	800.69 84.70 -5.75	635.09 65.41 0.00	614.39 59.49 0.00	208.60 19.14 0.00	139.21 11.21 0.00	100.20 6.73 0.00	92.06 4.04 0.00

RAVENSWOOD_GT2_3 24246	65.38 2.51 0.00	54.71 2.27 0.00	49.25 2.68 0.00	39.05 2.18 0.00	42.36 2.22 0.00	39.08 1.93 -0.30	53.23 2.43 0.00	46.07 2.47 0.00	49.19 2.64 0.00	51.31 2.95 -0.43	64.26 3.59 0.00	70.99 4.59 0.00	71.71 5.97 0.00	90.05 8.73 0.00	97.09 9.60 0.00	125.65 12.92 0.00	395.89 41.72 -2.34	801.40 85.41 -5.75	635.57 65.89 0.00	614.95 60.04 0.00	208.78 19.32 0.00	139.33 11.32 0.00	100.29 6.81 0.00	92.13 4.11 0.00
RAVENSWOOD_GT2_4 24247	65.38 2.51 0.00	54.71 2.27 0.00	49.25 2.68 0.00	39.05 2.18 0.00	42.36 2.22 0.00	39.08 1.93 -0.30	53.23 2.43 0.00	46.07 2.47 0.00	49.19 2.64 0.00	51.31 2.95 -0.43	64.26 3.59 0.00	70.99 4.59 0.00	71.71 5.97 0.00	90.05 8.73 0.00	97.09 9.60 0.00	125.65 12.92 0.00	395.89 41.72 -2.34	801.40 85.41 -5.75	635.57 65.89 0.00	614.95 60.04 0.00	208.78 19.32 0.00	139.33 11.32 0.00	100.29 6.81 0.00	92.13 4.11 0.00
RAVENSWOOD_GT3_1 24248	65.33 2.46 0.00	54.68 2.24 0.00	49.22 2.65 0.00	39.03 2.17 0.00	42.33 2.18 0.00	39.06 1.91 -0.30	53.19 2.39 0.00	46.06 2.45 0.00	49.16 2.61 0.00	51.27 2.91 -0.43	64.20 3.53 0.00	70.93 4.53 0.00	71.66 5.92 0.00	89.98 8.66 0.00	97.00 9.52 0.00	125.54 12.82 0.00	395.54 41.37 -2.34	800.69 84.70 -5.75	635.09 65.41 0.00	614.39 59.49 0.00	208.62 19.16 0.00	139.22 11.22 0.00	100.20 6.73 0.00	92.06 4.04 0.00
RAVENSWOOD_GT3_2 24249	65.33 2.46 0.00	54.68 2.24 0.00	49.22 2.65 0.00	39.03 2.17 0.00	42.33 2.18 0.00	39.06 1.91 -0.30	53.19 2.39 0.00	46.06 2.45 0.00	49.16 2.61 0.00	51.27 2.91 -0.43	64.20 3.53 0.00	70.93 4.53 0.00	71.66 5.92 0.00	89.98 8.66 0.00	97.00 9.52 0.00	125.54 12.82 0.00	395.54 41.37 -2.34	800.69 84.70 -5.75	635.09 65.41 0.00	614.39 59.49 0.00	208.62 19.16 0.00	139.22 11.22 0.00	100.20 6.73 0.00	92.06 4.04 0.00
RAVENSWOOD_GT3_3 24250	65.48 2.62 0.00	54.79 2.35 0.00	49.34 2.77 0.00	39.11 2.25 0.00	42.41 2.27 0.00	39.14 2.00 -0.30	53.31 2.51 0.00	46.16 2.55 0.00	49.28 2.73 0.00	51.41 3.05 -0.43	64.39 3.71 0.00	71.13 4.74 0.00	71.86 6.13 0.00	90.23 8.90 0.00	97.28 9.80 0.00	125.90 13.18 0.00	396.79 42.62 -2.34	803.14 87.15 -5.75	636.85 67.17 0.00	616.15 61.25 0.00	209.23 19.77 0.00	139.63 11.63 0.00	100.49 7.01 0.00	92.31 4.29 0.00
RAVENSWOOD_GT3_4 24251	65.48 2.62 0.00	54.79 2.35 0.00	49.34 2.77 0.00	39.11 2.25 0.00	42.41 2.27 0.00	39.14 2.00 -0.30	53.31 2.51 0.00	46.16 2.55 0.00	49.28 2.73 0.00	51.41 3.05 -0.43	64.39 3.71 0.00	71.13 4.74 0.00	71.86 6.13 0.00	90.23 8.90 0.00	97.28 9.80 0.00	125.90 13.18 0.00	396.79 42.62 -2.34	803.14 87.15 -5.75	636.85 67.17 0.00	616.15 61.25 0.00	209.23 19.77 0.00	139.63 11.63 0.00	100.49 7.01 0.00	92.31 4.29 0.00
RAVENSWOOD_GT_1 23729	61.82 2.10 3.15	54.72 2.28 0.00	49.28 2.71 0.00	39.16 2.29 0.00	42.39 2.25 0.00	39.14 2.00 -0.30	53.25 2.45 0.00	46.21 2.61 0.00	49.36 2.81 0.00	51.36 3.00 -0.43	64.05 3.37 0.00	70.91 4.51 0.00	71.71 5.97 0.00	90.15 8.83 0.00	97.16 9.68 0.00	127.38 13.07 -1.59	397.22 41.46 -3.93	804.05 84.87 -8.94	633.90 64.22 0.00	613.70 58.80 0.00	208.34 18.88 0.00	138.71 10.70 0.00	99.93 6.45 0.00	91.70 3.68 0.00
RAVENSWOOD_GT_10 24258	65.34 2.47 0.00	54.68 2.25 0.00	49.22 2.65 0.00	39.03 2.17 0.00	42.33 2.18 0.00	39.06 1.91 -0.30	53.19 2.39 0.00	46.05 2.45 0.00	49.15 2.61 0.00	51.27 2.91 -0.43	64.23 3.56 0.00	70.94 4.54 0.00	71.66 5.92 0.00	89.98 8.66 0.00	97.00 9.52 0.00	125.79 12.83 -0.24	395.96 41.55 -2.58	801.24 84.77 -6.23	635.14 65.46 0.00	614.44 59.53 0.00	208.66 19.20 0.00	139.26 11.25 0.00	100.23 6.75 0.00	92.08 4.06 0.00
RAVENSWOOD_GT_11 24259	65.34 2.47 0.00	54.68 2.25 0.00	49.22 2.65 0.00	39.03 2.17 0.00	42.33 2.18 0.00	39.06 1.91 -0.30	53.19 2.39 0.00	46.05 2.45 0.00	49.15 2.61 0.00	51.27 2.91 -0.43	64.23 3.56 0.00	70.94 4.54 0.00	71.66 5.92 0.00	89.98 8.66 0.00	97.00 9.52 0.00	125.79 12.83 -0.24	395.96 41.55 -2.58	801.24 84.77 -6.23	635.14 65.46 0.00	614.44 59.53 0.00	208.66 19.20 0.00	139.26 11.25 0.00	100.23 6.75 0.00	92.08 4.06 0.00
RAVENSWOOD_GT_4 24252	65.33 2.46 0.00	54.68 2.25 0.00	49.22 2.65 0.00	39.03 2.17 0.00	42.33 2.18 0.00	39.06 1.92 -0.30	53.19 2.39 0.00	46.06 2.45 0.00	49.16 2.61 0.00	51.27 2.91 -0.43	64.22 3.55 0.00	70.94 4.55 0.00	71.66 5.92 0.00	89.98 8.66 0.00	97.01 9.52 0.00	125.54 12.82 0.00	395.72 41.55 -2.34	800.76 84.77 -5.75	635.09 65.41 0.00	614.44 59.53 0.00	208.66 19.20 0.00	139.25 11.24 0.00	100.22 6.74 0.00	92.07 4.04 0.00
RAVENSWOOD_GT_5 24254	65.33 2.46 0.00	54.68 2.25 0.00	49.22 2.65 0.00	39.03 2.17 0.00	42.33 2.18 0.00	39.06 1.92 -0.30	53.19 2.39 0.00	46.06 2.45 0.00	49.16 2.61 0.00	51.27 2.91 -0.43	64.22 3.55 0.00	70.94 4.55 0.00	71.66 5.92 0.00	89.98 8.66 0.00	97.01 9.52 0.00	125.54 12.82 0.00	395.72 41.55 -2.34	800.76 84.77 -5.75	635.09 65.41 0.00	614.44 59.53 0.00	208.66 19.20 0.00	139.25 11.24 0.00	100.22 6.74 0.00	92.07 4.04 0.00
RAVENSWOOD_GT_6 24253	65.33 2.46 0.00	54.68 2.25 0.00	49.22 2.65 0.00	39.03 2.17 0.00	42.33 2.18 0.00	39.06 1.92 -0.30	53.19 2.39 0.00	46.06 2.45 0.00	49.16 2.61 0.00	51.27 2.91 -0.43	64.22 3.55 0.00	70.94 4.55 0.00	71.66 5.92 0.00	89.98 8.66 0.00	97.01 9.52 0.00	125.54 12.82 0.00	395.72 41.55 -2.34	800.76 84.77 -5.75	635.09 65.41 0.00	614.44 59.53 0.00	208.66 19.20 0.00	139.25 11.24 0.00	100.22 6.74 0.00	92.07 4.04 0.00
RAVENSWOOD_GT_7 24255	65.33 2.46 0.00	54.68 2.25 0.00	49.22 2.65 0.00	39.03 2.17 0.00	42.33 2.18 0.00	39.06 1.92 -0.30	53.19 2.39 0.00	46.06 2.45 0.00	49.16 2.61 0.00	51.27 2.91 -0.43	64.22 3.55 0.00	70.94 4.55 0.00	71.66 5.92 0.00	89.98 8.66 0.00	97.01 9.52 0.00	125.54 12.82 0.00	395.72 41.55 -2.34	800.76 84.77 -5.75	635.09 65.41 0.00	614.44 59.53 0.00	208.66 19.20 0.00	139.25 11.24 0.00	100.22 6.74 0.00	92.07 4.04 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	65.34 2.47 0.00	54.68 2.25 0.00	49.22 2.65 0.00	39.03 2.17 0.00	42.33 2.18 0.00	39.06 1.91 -0.30	53.19 2.39 0.00	46.05 2.45 0.00	49.15 2.61 0.00	51.27 2.91 -0.43	64.23 3.56 0.00	70.94 4.54 0.00	71.66 5.92 0.00	89.98 8.66 0.00	97.00 9.52 0.00	125.79 12.83 -0.24	395.96 41.55 -2.58	801.24 84.77 -6.23	635.14 65.46 0.00	614.44 59.53 0.00	208.66 19.20 0.00	139.26 11.25 0.00	100.23 6.75 0.00	92.08 4.06 0.00
RAVENSWOOD_GT_9 24257	65.34 2.47 0.00	54.68 2.25 0.00	49.22 2.65 0.00	39.03 2.17 0.00	42.33 2.18 0.00	39.06 1.91 -0.30	53.19 2.39 0.00	46.05 2.45 0.00	49.15 2.61 0.00	51.27 2.91 -0.43	64.23 3.56 0.00	70.94 4.54 0.00	71.66 5.92 0.00	89.98 8.66 0.00	97.00 9.52 0.00	125.79 12.83 -0.24	395.96 41.55 -2.58	801.24 84.77 -6.23	635.14 65.46 0.00	614.44 59.53 0.00	208.66 19.20 0.00	139.26 11.25 0.00	100.23 6.75 0.00	92.08 4.06 0.00

RAVENSWOOD___1 23533	61.03 1.97 3.81	54.67 2.23 0.00	49.23 2.66 0.00	39.12 2.26 0.00	42.35 2.21 0.00	39.10 1.96 -0.30	53.21 2.40 0.00	46.19 2.58 0.00	49.32 2.77 0.00	51.32 2.96 -0.43	63.98 3.31 0.00	70.82 4.43 0.00	71.66 5.92 0.00	90.06 8.74 0.00	97.10 9.61 0.00	127.01 13.00 -1.29	396.65 41.20 -3.63	802.83 84.26 -8.33	633.42 63.74 0.00	613.39 58.48 0.00	208.22 18.75 0.00	138.57 10.56 0.00	99.81 6.33 0.00	91.56 3.54 0.00
RAVENSWOOD___2 23534	60.53 1.49 3.83	54.43 1.99 0.00	49.09 2.52 0.00	39.04 2.18 0.00	42.26 2.11 0.00	39.01 1.87 -0.30	53.07 2.27 0.00	46.09 2.48 0.00	49.22 2.67 0.00	51.16 2.79 -0.43	63.54 2.87 0.00	70.23 3.83 0.00	71.03 5.29 0.00	89.33 8.00 0.00	96.29 8.81 0.00	125.97 11.96 -1.28	393.41 37.96 -3.62	796.18 77.63 -8.31	628.26 58.58 0.00	609.32 54.41 0.00	206.91 17.45 0.00	137.60 9.60 0.00	98.95 5.47 0.00	90.78 2.76 0.00
RAVENSWOOD___3 23535	65.33 2.46 0.00	54.68 2.24 0.00	49.22 2.65 0.00	39.03 2.17 0.00	42.32 2.18 0.00	39.06 1.92 -0.30	53.19 2.39 0.00	46.06 2.45 0.00	49.15 2.61 0.00	51.27 2.91 -0.43	64.22 3.55 0.00	70.94 4.55 0.00	71.66 5.92 0.00	89.96 8.64 0.00	97.01 9.53 0.00	125.54 12.81 0.00	395.70 41.53 -2.34	800.85 84.87 -5.75	635.02 65.34 0.00	614.35 59.44 0.00	208.70 19.23 0.00	139.22 11.21 0.00	100.21 6.74 0.00	92.07 4.04 0.00
RAVENSWOOD___4 23820	60.26 1.88 4.49	54.62 2.18 0.00	49.19 2.62 0.00	39.09 2.23 0.00	42.31 2.17 0.00	39.07 1.92 -0.30	53.16 2.35 0.00	46.15 2.54 0.00	49.28 2.74 0.00	51.29 2.93 -0.43	63.91 3.24 0.00	70.76 4.36 0.00	71.60 5.86 0.00	90.00 8.67 0.00	97.02 9.54 0.00	126.60 12.89 -0.98	396.00 40.85 -3.32	801.45 83.50 -7.72	632.71 63.03 0.00	612.87 57.96 0.00	208.07 18.61 0.00	138.45 10.44 0.00	99.70 6.23 0.00	91.46 3.45 0.00
RCPL_TRUST___DRP 24196	65.47 2.60 0.00	54.72 2.29 0.00	49.27 2.70 0.00	39.06 2.20 0.00	42.37 2.22 0.00	39.10 1.96 -0.30	53.27 2.47 0.00	46.11 2.50 0.00	49.23 2.69 0.00	51.37 3.01 -0.43	64.37 3.70 0.00	71.10 4.71 0.00	71.83 6.10 0.00	90.21 8.89 0.00	97.26 9.77 0.00	125.82 13.10 0.00	397.06 42.90 -2.33	803.70 87.73 -5.73	637.13 67.45 0.00	616.38 61.48 0.00	209.24 19.78 0.00	139.66 11.65 0.00	100.48 7.00 0.00	92.30 4.28 0.00
RED___ROCHESTER 323720	66.56 3.68 0.00	54.69 2.25 0.00	47.74 1.17 0.00	37.46 0.59 0.00	40.81 0.67 0.00	37.56 0.72 0.00	51.83 1.03 0.00	44.76 1.15 0.00	48.56 2.01 0.00	50.41 2.48 0.00	64.12 3.45 0.00	70.69 4.30 0.00	71.07 5.33 0.00	87.28 5.96 0.00	93.24 5.76 0.00	120.28 7.56 0.00	373.64 21.81 0.00	753.20 42.96 0.00	600.19 30.51 0.00	587.70 32.80 0.00	202.22 12.76 0.00	136.10 8.09 0.00	98.45 4.97 0.00	92.72 4.70 0.00
REGAN___SOLAR 323812	67.48 4.61 0.00	56.20 3.77 0.00	49.87 3.30 0.00	39.39 2.53 0.00	42.91 2.77 0.00	39.24 2.57 0.18	54.42 3.62 0.00	46.04 2.43 0.00	48.07 1.52 0.00	48.71 1.03 0.26	61.80 1.12 0.00	67.82 1.43 0.00	67.40 1.66 0.00	83.55 2.22 0.00	89.79 2.31 0.00	115.65 2.92 0.00	363.43 11.69 0.09	740.93 30.91 0.21	606.96 37.28 0.00	603.38 48.47 0.00	207.84 18.37 0.00	140.18 12.18 0.00	101.61 8.13 0.00	94.98 6.95 0.00
RENSSELAER___COGEN 23796	62.62 -0.25 0.00	52.36 -0.08 0.00	46.83 0.26 0.00	37.02 0.15 0.00	40.24 0.10 0.00	36.60 -0.01 0.23	50.77 -0.03 0.00	43.42 -0.19 0.00	46.06 -0.48 0.00	47.06 -0.53 0.34	60.25 -0.42 0.00	66.34 -0.05 0.00	66.16 0.42 0.00	82.84 1.52 0.00	89.25 1.77 0.00	115.09 2.36 0.00	360.27 8.56 0.12	729.24 19.30 0.29	585.20 15.52 0.00	568.78 13.87 0.00	193.25 3.79 0.00	130.39 2.38 0.00	94.58 1.10 0.00	88.25 0.23 0.00
REPUBLIC_115KV_BARTNBRK 55605	71.25 8.38 0.00	58.85 6.41 0.00	52.39 5.82 0.00	41.21 4.34 0.00	44.96 4.82 0.00	40.75 4.17 0.26	57.01 6.21 0.00	48.93 5.33 0.00	51.48 4.94 0.00	52.10 4.55 0.38	67.14 6.47 0.00	74.34 7.94 0.00	73.36 7.62 0.00	92.65 11.32 0.00	100.96 13.48 0.00	129.62 16.90 0.00	399.14 47.42 0.11	820.43 110.47 0.27	659.69 90.01 0.00	644.03 89.12 0.00	218.85 29.39 0.00	149.76 21.75 0.00	108.58 15.11 0.00	101.17 13.15 0.00
REVERE_CPPR_DRP 24186	65.55 2.68 0.00	54.57 2.13 0.00	48.45 1.88 0.00	38.36 1.49 0.00	41.86 1.72 0.00	38.52 1.68 0.00	53.29 2.49 0.00	45.66 2.05 0.00	48.38 1.83 0.00	49.58 1.65 0.00	62.81 2.14 0.00	68.89 2.50 0.00	68.48 2.74 0.00	58.76 3.63 26.18	91.44 3.96 0.00	117.89 5.16 0.00	368.02 16.19 0.00	745.49 35.25 0.00	601.30 31.62 0.00	589.21 34.30 0.00	202.04 12.58 0.00	136.41 8.40 0.00	99.33 5.86 0.00	92.55 4.53 0.00
REYNLDPA_13_KV_LD 356490	62.87 0.00 0.00	52.45 0.01 0.00	46.31 -0.26 0.00	36.80 -0.07 0.00	40.16 0.02 0.00	36.96 0.11 0.00	51.02 0.22 0.00	43.87 0.26 0.00	46.94 0.40 0.00	48.35 0.42 0.00	61.11 0.43 0.00	66.18 -0.21 0.00	64.33 -1.41 0.00	120.57 -3.32 -42.56	83.43 -4.05 0.00	107.12 -5.60 0.00	334.43 -17.40 0.00	678.48 -31.76 0.00	545.37 -24.31 0.00	530.87 -24.04 0.00	181.22 -8.25 0.00	122.79 -5.22 0.00	90.79 -2.68 0.00	87.10 -0.92 0.00
REYNOLDS_115KV_TB3 80639	63.30 0.43 0.00	52.90 0.45 0.00	47.30 0.73 0.00	37.40 0.53 0.00	40.65 0.51 0.00	36.91 0.35 0.28	51.31 0.51 0.00	43.90 0.29 0.00	46.55 0.00 0.00	47.50 -0.03 0.41	60.93 0.25 0.00	67.08 0.69 0.00	66.91 1.17 0.00	83.88 2.55 0.00	90.39 2.91 0.00	116.57 3.85 0.00	364.87 13.16 0.12	738.83 28.90 0.30	592.94 23.26 0.00	576.14 21.24 0.00	195.49 6.03 0.00	132.05 4.04 0.00	95.76 2.28 0.00	89.24 1.21 0.00
RIVERBAY____ 323610	67.66 4.78 -0.01	57.10 4.67 0.00	51.20 4.63 0.00	40.64 3.78 0.00	43.91 3.77 0.00	40.57 3.43 -0.30	55.15 4.35 0.00	47.79 4.19 0.00	50.97 4.42 0.00	52.94 4.58 -0.43	66.23 5.55 0.00	73.59 7.20 0.00	74.30 8.56 0.00	93.31 11.98 0.00	100.55 13.07 0.00	130.67 17.74 -0.20	410.01 55.64 -2.54	831.80 115.40 -6.16	657.39 87.72 0.00	637.47 82.56 0.00	215.65 26.19 0.00	143.72 15.71 0.00	103.74 10.26 0.00	95.19 7.17 0.00
RIVERSDE_115KV_TB3 55908	63.15 0.28 0.00	52.77 0.33 0.00	47.18 0.61 0.00	37.30 0.43 0.00	40.55 0.40 0.00	36.85 0.26 0.26	51.17 0.37 0.00	43.80 0.19 0.00	46.48 -0.07 0.00	47.47 -0.08 0.37	60.83 0.16 0.00	67.00 0.60 0.00	66.84 1.10 0.00	83.74 2.41 0.00	90.22 2.73 0.00	116.35 3.63 0.00	364.41 12.70 0.12	737.77 27.83 0.30	591.85 22.17 0.00	575.17 20.27 0.00	195.25 5.78 0.00	131.73 3.73 0.00	95.52 2.04 0.00	89.04 1.02 0.00
ROARING___BROOK_WT_PWR 323790	61.83 -1.04 0.00	51.67 -0.77 0.00	45.99 -0.57 0.00	36.53 -0.34 0.00	39.90 -0.24 0.00	36.62 -0.22 0.00	50.59 -0.21 0.00	43.52 -0.09 0.00	46.49 -0.06 0.00	47.83 -0.10 0.00	60.46 -0.22 0.00	65.97 -0.43 0.00	65.05 -0.69 0.00	88.06 -1.07 -7.81	86.36 -1.13 0.00	111.25 -1.47 0.00	347.43 -4.41 0.00	702.14 -8.10 0.00	563.56 -6.12 0.00	549.00 -5.91 0.00	187.41 -2.05 0.00	126.70 -1.31 0.00	92.74 -0.73 0.00	87.59 -0.43 0.00

ROCHESRG_115KV_T4 355643	65.41 2.54 0.00	53.82 1.39 0.00	47.03 0.46 0.00	36.92 0.05 0.00	40.22 0.07 0.00	37.01 0.16 0.00	51.06 0.25 0.00	44.07 0.46 0.00	47.76 1.21 0.00	49.51 1.58 0.00	62.90 2.23 0.00	69.28 2.88 0.00	69.60 3.86 0.00	85.38 4.06 0.00	91.23 3.75 0.00	117.58 4.86 0.00	365.46 13.63 0.00	736.55 26.31 0.00	587.39 17.71 0.00	575.36 20.46 0.00	198.23 8.77 0.00	133.50 5.50 0.00	96.77 3.29 0.00	91.31 3.29 0.00
ROCHESTER_9_IC 23652	65.99 3.13 0.00	54.27 1.84 0.00	47.40 0.83 0.00	37.20 0.34 0.00	40.53 0.39 0.00	37.30 0.46 0.00	51.47 0.67 0.00	44.44 0.84 0.00	48.18 1.63 0.00	49.98 2.05 0.00	63.52 2.85 0.00	70.00 3.60 0.00	70.35 4.62 0.00	86.33 5.01 0.00	92.27 4.78 0.00	118.95 6.22 0.00	369.55 17.72 0.00	745.07 34.83 0.00	593.99 24.31 0.00	581.75 26.84 0.00	200.30 10.84 0.00	134.81 6.80 0.00	97.63 4.16 0.00	92.07 4.04 0.00
ROCKVIEW_13_KV_LD 356306	65.61 2.74 0.00	54.87 2.44 0.00	49.33 2.76 0.00	39.10 2.23 0.00	42.38 2.23 0.00	39.09 1.95 -0.30	53.29 2.49 0.00	46.07 2.46 0.00	49.16 2.61 0.00	51.32 2.95 -0.43	64.50 3.83 0.00	71.30 4.90 0.00	71.97 6.24 0.00	90.43 9.11 0.00	97.55 10.06 0.00	126.27 13.54 0.00	397.84 43.68 -2.33	805.22 89.25 -5.74	638.94 69.26 0.00	618.19 63.28 0.00	209.92 20.46 0.00	140.22 12.21 0.00	100.85 7.37 0.00	92.72 4.70 0.00
ROME____115KV_TB2 80656	65.55 2.68 0.00	54.57 2.13 0.00	48.45 1.88 0.00	38.36 1.49 0.00	41.86 1.72 0.00	38.52 1.68 0.00	53.29 2.49 0.00	45.66 2.05 0.00	48.38 1.83 0.00	49.58 1.65 0.00	62.81 2.14 0.00	68.89 2.50 0.00	68.48 2.74 0.00	58.76 3.63 26.18	91.44 3.96 0.00	117.89 5.16 0.00	368.02 16.19 0.00	745.49 35.25 0.00	601.30 31.62 0.00	589.21 34.30 0.00	202.04 12.58 0.00	136.41 8.40 0.00	99.33 5.86 0.00	92.55 4.53 0.00
ROSETON___1 23587	64.29 1.42 0.00	53.81 1.37 0.00	48.29 1.72 0.00	38.21 1.34 0.00	41.48 1.34 0.00	38.24 1.11 -0.28	52.21 1.41 0.00	45.00 1.39 0.00	47.93 1.38 0.00	49.88 1.55 -0.40	62.77 2.10 0.00	69.35 2.95 0.00	69.73 4.00 0.00	87.46 6.14 0.00	94.32 6.83 0.00	121.90 9.18 0.00	381.30 29.56 0.10	770.61 60.61 0.24	617.38 47.70 0.00	598.39 43.49 0.00	203.25 13.79 0.00	136.05 8.04 0.00	98.18 4.70 0.00	90.64 2.62 0.00
ROSETON___2 23588	64.29 1.42 0.00	53.81 1.37 0.00	48.29 1.72 0.00	38.21 1.34 0.00	41.48 1.34 0.00	38.24 1.11 -0.28	52.21 1.41 0.00	45.00 1.39 0.00	47.93 1.38 0.00	49.88 1.55 -0.40	62.77 2.10 0.00	69.35 2.95 0.00	69.73 4.00 0.00	87.46 6.14 0.00	94.32 6.83 0.00	121.90 9.18 0.00	381.30 29.56 0.10	770.61 60.61 0.24	617.38 47.70 0.00	598.39 43.49 0.00	203.25 13.79 0.00	136.05 8.04 0.00	98.18 4.70 0.00	90.64 2.62 0.00
ROTRRDAM_115KV_TB3 80664	64.30 1.43 0.00	53.71 1.27 0.00	47.94 1.37 0.00	37.90 1.04 0.00	41.23 1.09 0.00	37.59 0.95 0.20	52.11 1.31 0.00	44.63 1.02 0.00	47.37 0.83 0.00	48.43 0.79 0.29	61.76 1.09 0.00	67.94 1.55 0.00	67.67 1.94 0.00	84.42 3.10 0.00	90.95 3.46 0.00	117.22 4.49 0.00	366.73 15.01 0.10	742.64 32.66 0.26	597.12 27.44 0.00	581.87 26.96 0.00	198.23 8.77 0.00	133.70 5.69 0.00	97.13 3.65 0.00	90.57 2.55 0.00
RUSSELL___1 23602	66.55 3.67 0.00	54.69 2.25 0.00	47.74 1.17 0.00	37.46 0.60 0.00	40.81 0.67 0.00	37.56 0.72 0.00	51.83 1.03 0.00	44.77 1.16 0.00	48.56 2.01 0.00	50.41 2.48 0.00	64.12 3.45 0.00	70.69 4.30 0.00	71.08 5.34 0.00	87.25 5.92 0.00	93.24 5.76 0.00	120.27 7.55 0.00	373.60 21.77 0.00	753.27 43.03 0.00	600.11 30.44 0.00	587.62 32.71 0.00	202.22 12.76 0.00	136.03 8.03 0.00	98.45 4.98 0.00	92.72 4.70 0.00
RUSSELL___2 23532	66.55 3.67 0.00	54.69 2.25 0.00	47.74 1.17 0.00	37.46 0.60 0.00	40.81 0.67 0.00	37.56 0.72 0.00	51.83 1.03 0.00	44.77 1.16 0.00	48.56 2.01 0.00	50.41 2.48 0.00	64.12 3.45 0.00	70.69 4.30 0.00	71.08 5.34 0.00	87.25 5.92 0.00	93.24 5.76 0.00	120.27 7.55 0.00	373.60 21.77 0.00	753.27 43.03 0.00	600.11 30.44 0.00	587.62 32.71 0.00	202.22 12.76 0.00	136.03 8.03 0.00	98.45 4.98 0.00	92.72 4.70 0.00
RUSSELL___3 23549	66.55 3.67 0.00	54.69 2.25 0.00	47.74 1.17 0.00	37.46 0.60 0.00	40.81 0.67 0.00	37.56 0.72 0.00	51.83 1.03 0.00	44.77 1.16 0.00	48.56 2.01 0.00	50.41 2.48 0.00	64.12 3.45 0.00	70.69 4.30 0.00	71.08 5.34 0.00	87.25 5.92 0.00	93.24 5.76 0.00	120.27 7.55 0.00	373.60 21.77 0.00	753.27 43.03 0.00	600.11 30.44 0.00	587.62 32.71 0.00	202.22 12.76 0.00	136.03 8.03 0.00	98.45 4.98 0.00	92.72 4.70 0.00
RUSSELL___4 23556	66.55 3.67 0.00	54.69 2.25 0.00	47.74 1.17 0.00	37.46 0.60 0.00	40.81 0.67 0.00	37.56 0.72 0.00	51.83 1.03 0.00	44.77 1.16 0.00	48.56 2.01 0.00	50.41 2.48 0.00	64.12 3.45 0.00	70.69 4.30 0.00	71.08 5.34 0.00	87.25 5.92 0.00	93.24 5.76 0.00	120.27 7.55 0.00	373.60 21.77 0.00	753.27 43.03 0.00	600.11 30.44 0.00	587.62 32.71 0.00	202.22 12.76 0.00	136.03 8.03 0.00	98.45 4.98 0.00	92.72 4.70 0.00
RUSSELL___STATION 23914	66.55 3.67 0.00	54.69 2.25 0.00	47.74 1.17 0.00	37.46 0.60 0.00	40.81 0.67 0.00	37.56 0.72 0.00	51.83 1.03 0.00	44.77 1.16 0.00	48.56 2.01 0.00	50.41 2.48 0.00	64.12 3.45 0.00	70.69 4.30 0.00	71.08 5.34 0.00	87.25 5.92 0.00	93.24 5.76 0.00	120.27 7.55 0.00	373.60 21.77 0.00	753.27 43.03 0.00	600.11 30.44 0.00	587.62 32.71 0.00	202.22 12.76 0.00	136.03 8.03 0.00	98.45 4.98 0.00	92.72 4.70 0.00
S SALMON___HYD 24043	62.68 -0.19 0.00	52.15 -0.29 0.00	46.41 -0.16 0.00	36.76 -0.11 0.00	40.23 0.08 0.00	36.96 0.11 0.00	51.14 0.34 0.00	43.90 0.30 0.00	46.90 0.36 0.00	48.22 0.29 0.00	60.82 0.15 0.00	66.57 0.17 0.00	65.92 0.19 0.00	51.11 0.11 30.32	87.64 0.15 0.00	112.69 -0.03 0.00	351.20 -0.63 0.00	706.58 -3.66 0.00	570.83 1.15 0.00	558.00 3.09 0.00	192.03 2.57 0.00	130.52 2.51 0.00	95.66 2.18 0.00	89.52 1.50 0.00
S.PERRY__115KV_TB1 80734	66.11 3.24 0.00	54.29 1.85 0.00	47.49 0.92 0.00	37.40 0.53 0.00	40.81 0.67 0.00	37.65 0.80 0.00	52.14 1.34 0.00	44.88 1.27 0.00	48.10 1.56 0.00	50.07 2.14 0.00	62.20 1.53 0.00	67.39 0.99 0.00	67.32 1.58 0.00	82.40 1.08 0.00	88.10 0.62 0.00	114.79 2.06 0.00	357.58 5.75 0.00	711.68 1.44 0.00	577.74 8.07 0.00	574.72 19.81 0.00	200.53 11.07 0.00	131.68 3.67 0.00	95.93 2.45 0.00	94.24 6.22 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	66.04 3.17 0.00	54.05 1.61 0.00	46.85 0.28 0.00	36.66 -0.21 0.00	39.97 -0.17 0.00	36.79 -0.06 0.00	50.70 -0.10 0.00	43.83 0.23 0.00	47.90 1.35 0.00	49.82 1.89 0.00	63.39 2.72 0.00	69.90 3.51 0.00	70.58 4.85 0.00	85.95 4.63 0.00	91.44 3.96 0.00	117.69 4.97 0.00	365.88 14.05 0.00	740.94 30.70 0.00	588.53 18.85 0.00	577.39 22.49 0.00	199.32 9.86 0.00	133.88 5.87 0.00	97.29 3.82 0.00	92.43 4.41 0.00

SAWYER___23_KV_LOAD 55526	66.04 3.17 0.00	54.05 1.61 0.00	46.85 0.28 0.00	36.66 -0.21 0.00	39.97 -0.17 0.00	36.79 -0.06 0.00	50.70 -0.10 0.00	43.83 0.23 0.00	47.90 1.35 0.00	49.82 1.89 0.00	63.39 2.72 0.00	69.90 3.51 0.00	70.58 4.85 0.00	85.95 4.63 0.00	91.44 3.96 0.00	117.69 4.97 0.00	365.88 14.05 0.00	740.94 30.70 0.00	588.53 18.85 0.00	577.39 22.49 0.00	199.32 9.86 0.00	133.88 5.87 0.00	97.29 3.82 0.00	92.43 4.41 0.00
SELKIRK___I 23801	62.03 -0.84 0.00	51.90 -0.53 0.00	46.44 -0.13 0.00	36.72 -0.15 0.00	39.93 -0.22 0.00	36.39 -0.31 0.14	50.33 -0.48 0.00	42.90 -0.71 0.00	45.41 -1.14 0.00	46.45 -1.28 0.21	59.20 -1.48 0.00	65.08 -1.31 0.00	64.84 -0.90 0.00	81.19 -0.14 0.00	87.50 0.01 0.00	112.79 0.07 0.00	352.03 0.31 0.11	712.19 2.21 0.26	573.31 3.63 0.00	558.90 3.99 0.00	190.24 0.78 0.00	128.37 0.37 0.00	93.31 -0.17 0.00	87.21 -0.82 0.00
SELKIRK___II 23799	62.45 -0.42 0.00	52.25 -0.18 0.00	46.75 0.18 0.00	36.96 0.10 0.00	40.18 0.04 0.00	36.62 -0.05 0.17	50.69 -0.11 0.00	43.36 -0.24 0.00	46.02 -0.53 0.00	47.12 -0.57 0.24	60.11 -0.57 0.00	66.12 -0.27 0.00	65.95 0.21 0.00	82.45 1.13 0.00	88.84 1.36 0.00	114.49 1.77 0.00	358.06 6.34 0.11	724.04 14.09 0.28	581.07 11.39 0.00	564.89 9.99 0.00	192.07 2.61 0.00	129.56 1.55 0.00	94.11 0.63 0.00	87.88 -0.14 0.00
SENECA OSWGO___HYD 24041	62.40 -0.47 0.00	51.86 -0.57 0.00	45.98 -0.59 0.00	36.33 -0.53 0.00	39.56 -0.58 0.00	36.34 -0.50 0.00	50.15 -0.65 0.00	43.08 -0.53 0.00	46.10 -0.45 0.00	47.40 -0.53 0.00	59.93 -0.74 0.00	65.87 -0.52 0.00	65.70 -0.03 0.00	71.35 0.16 10.13	87.63 0.15 0.00	112.85 0.13 0.00	351.46 -0.37 0.00	704.02 -6.22 0.00	564.78 -4.90 0.00	551.77 -3.14 0.00	189.29 -0.17 0.00	128.41 0.40 0.00	93.23 -0.24 0.00	87.38 -0.64 0.00
SENECA___115KV_TB3 355854	66.58 3.71 0.00	54.47 2.03 0.00	47.26 0.69 0.00	37.03 0.17 0.00	40.38 0.24 0.00	37.19 0.34 0.00	51.31 0.51 0.00	44.33 0.72 0.00	48.45 1.90 0.00	50.38 2.45 0.00	64.11 3.43 0.00	70.77 4.37 0.00	71.52 5.78 0.00	87.37 6.05 0.00	93.00 5.51 0.00	119.74 7.01 0.00	372.30 20.47 0.00	754.43 44.20 0.00	599.40 29.72 0.00	587.89 32.99 0.00	202.70 13.24 0.00	135.88 7.87 0.00	98.60 5.12 0.00	93.41 5.39 0.00
SENECA___ENERGY 23797	64.69 1.81 0.00	53.46 1.02 0.00	47.18 0.61 0.00	37.21 0.35 0.00	40.56 0.42 0.00	37.31 0.47 0.00	51.40 0.60 0.00	44.28 0.67 0.00	47.54 0.99 0.00	48.91 0.98 0.00	62.05 1.37 0.00	68.35 1.96 0.00	68.73 2.99 0.00	79.32 3.87 5.87	91.02 3.54 0.00	117.22 4.50 0.00	365.16 13.33 0.00	733.14 22.91 0.00	589.37 19.69 0.00	578.38 23.47 0.00	198.79 9.33 0.00	134.09 6.09 0.00	96.62 3.14 0.00	90.49 2.47 0.00
SHOEMAKER___GT 23640	64.53 1.65 0.00	53.94 1.50 0.00	48.30 1.73 0.00	38.21 1.34 0.00	41.47 1.33 0.00	38.23 1.14 -0.25	52.28 1.48 0.00	45.01 1.40 0.00	47.95 1.40 0.00	49.85 1.56 -0.36	62.80 2.13 0.00	69.32 2.93 0.00	69.67 3.93 0.00	87.24 5.92 0.00	94.07 6.59 0.00	121.57 8.84 0.00	381.55 28.84 -0.87	772.13 59.74 -2.15	617.48 47.80 0.00	599.54 44.63 0.00	203.80 14.34 0.00	136.50 8.49 0.00	98.47 4.99 0.00	90.99 2.96 0.00
SHOEMAKR_138KV_BK 111 55601	64.46 1.59 0.00	53.89 1.46 0.00	48.26 1.69 0.00	38.18 1.32 0.00	41.46 1.32 0.00	38.21 1.12 -0.25	52.24 1.44 0.00	44.99 1.38 0.00	47.94 1.39 0.00	49.86 1.58 -0.35	62.80 2.13 0.00	69.35 2.96 0.00	69.71 3.97 0.00	87.33 6.00 0.00	94.15 6.66 0.00	121.68 8.95 0.00	381.80 29.13 -0.83	772.49 60.20 -2.05	617.39 47.71 0.00	599.31 44.40 0.00	203.67 14.21 0.00	136.40 8.39 0.00	98.37 4.89 0.00	90.90 2.87 0.00
SHOREHAM_IC_1 23715	60.97 1.59 3.49	54.46 2.03 0.00	49.35 2.78 0.00	38.78 1.92 0.00	41.98 1.83 0.00	38.62 1.47 -0.30	52.22 1.42 0.00	45.06 1.45 0.00	46.45 1.07 1.16	41.32 1.50 8.10	63.03 3.00 0.64	67.98 3.90 2.31	72.30 5.93 -0.64	94.64 8.77 -4.54	130.48 10.49 -32.50	201.13 13.60 -74.81	401.32 36.47 -13.02	794.43 78.41 -5.79	624.20 57.06 2.54	582.68 44.72 16.95	193.38 14.49 10.57	134.41 8.53 2.13	102.32 4.53 -4.32	88.90 1.89 1.01
SHOREHAM_IC_2 23716	61.05 1.67 3.49	54.46 2.02 0.00	49.35 2.77 0.00	38.79 1.92 0.00	41.98 1.84 0.00	38.62 1.47 -0.30	52.22 1.42 0.00	45.05 1.44 0.00	46.45 1.07 1.16	41.39 1.57 8.10	63.06 3.04 0.64	68.00 3.91 2.31	72.30 5.92 -0.64	94.81 8.95 -4.54	130.48 10.50 -32.50	201.16 13.63 -74.81	401.30 36.45 -13.02	794.27 78.24 -5.79	624.25 57.12 2.54	583.28 45.32 16.95	193.66 14.77 10.57	134.75 8.87 2.13	102.33 4.53 -4.32	88.90 1.89 1.01
SISSONVILLE____ 23735	62.77 -0.10 0.00	52.38 -0.06 0.00	46.19 -0.38 0.00	36.74 -0.12 0.00	40.20 0.05 0.00	37.12 0.27 0.00	51.28 0.48 0.00	43.88 0.27 0.00	46.49 -0.05 0.00	47.61 -0.32 0.00	59.93 -0.75 0.00	64.73 -1.66 0.00	62.42 -3.31 322.68	-248.28 -6.93 0.00	80.31 -7.17 0.00	103.34 -9.39 0.00	322.89 -28.94 0.00	657.43 -52.81 0.00	532.99 -36.69 0.00	520.41 -34.49 0.00	178.16 -11.30 0.00	121.83 -6.18 0.00	91.74 -1.73 0.00	88.46 0.44 0.00
SITHE_IND_GS1 24169	61.42 -1.45 0.00	51.11 -1.33 0.00	45.32 -1.26 0.00	35.82 -1.05 0.00	39.02 -1.13 0.00	35.82 -1.02 0.00	49.38 -1.42 0.00	42.43 -1.18 0.00	45.40 -1.15 0.00	46.70 -1.23 0.00	59.04 -1.64 0.00	64.82 -1.57 0.00	64.55 -1.18 0.00	79.96 -1.37 0.00	85.89 -1.59 0.00	110.72 -2.01 0.00	344.95 -6.89 0.00	692.64 -17.60 0.00	555.25 -14.42 0.00	541.95 -12.95 0.00	185.76 -3.71 0.00	125.77 -2.24 0.00	91.48 -2.00 0.00	85.97 -2.05 0.00
SITHE_IND_GS2 24170	61.42 -1.45 0.00	51.11 -1.33 0.00	45.32 -1.26 0.00	35.82 -1.05 0.00	39.02 -1.13 0.00	35.82 -1.02 0.00	49.38 -1.42 0.00	42.43 -1.18 0.00	45.40 -1.15 0.00	46.70 -1.23 0.00	59.04 -1.64 0.00	64.82 -1.57 0.00	64.55 -1.18 0.00	79.96 -1.37 0.00	85.89 -1.59 0.00	110.72 -2.01 0.00	344.95 -6.89 0.00	692.64 -17.60 0.00	555.25 -14.42 0.00	541.95 -12.95 0.00	185.76 -3.71 0.00	125.77 -2.24 0.00	91.48 -2.00 0.00	85.97 -2.05 0.00
SITHE_IND_GS3 24171	61.42 -1.45 0.00	51.11 -1.33 0.00	45.32 -1.26 0.00	35.82 -1.05 0.00	39.02 -1.13 0.00	35.82 -1.02 0.00	49.38 -1.42 0.00	42.43 -1.18 0.00	45.40 -1.15 0.00	46.70 -1.23 0.00	59.04 -1.64 0.00	64.82 -1.57 0.00	64.55 -1.18 0.00	79.96 -1.37 0.00	85.89 -1.59 0.00	110.72 -2.01 0.00	344.95 -6.89 0.00	692.64 -17.60 0.00	555.25 -14.42 0.00	541.95 -12.95 0.00	185.76 -3.71 0.00	125.77 -2.24 0.00	91.48 -2.00 0.00	85.97 -2.05 0.00
SITHE_IND_GS4 24172	61.42 -1.45 0.00	51.11 -1.33 0.00	45.32 -1.26 0.00	35.82 -1.05 0.00	39.02 -1.13 0.00	35.82 -1.02 0.00	49.38 -1.42 0.00	42.43 -1.18 0.00	45.40 -1.15 0.00	46.70 -1.23 0.00	59.04 -1.64 0.00	64.82 -1.57 0.00	64.55 -1.18 0.00	79.96 -1.37 0.00	85.89 -1.59 0.00	110.72 -2.01 0.00	344.95 -6.89 0.00	692.64 -17.60 0.00	555.25 -14.42 0.00	541.95 -12.95 0.00	185.76 -3.71 0.00	125.77 -2.24 0.00	91.48 -2.00 0.00	85.97 -2.05 0.00

SITHE___BATAVIA 24024	68.01 5.14 0.00	55.67 3.23 0.00	48.28 1.71 0.00	37.75 0.89 0.00	41.17 1.03 0.00	37.92 1.08 0.00	52.35 1.55 0.00	45.23 1.62 0.00	48.71 2.17 0.00	50.05 2.13 0.00	63.57 2.90 0.00	70.09 3.70 0.00	70.75 5.01 0.00	86.22 4.90 0.00	91.63 4.14 0.00	118.27 5.54 0.00	367.53 15.69 0.00	746.04 35.80 0.00	596.46 26.78 0.00	588.68 33.77 0.00	203.21 13.74 0.00	136.37 8.37 0.00	98.60 5.12 0.00	93.30 5.28 0.00
SITHE___INDEPEND 23800	61.42 -1.45 0.00	51.11 -1.33 0.00	45.32 -1.26 0.00	35.82 -1.05 0.00	39.01 -1.13 0.00	35.82 -1.02 0.00	49.38 -1.42 0.00	42.43 -1.18 0.00	45.40 -1.15 0.00	46.69 -1.24 0.00	59.04 -1.64 0.00	64.83 -1.57 0.00	64.55 -1.18 0.00	79.95 -1.38 0.00	85.89 -1.59 0.00	110.71 -2.01 0.00	344.95 -6.87 0.00	692.64 -17.60 0.00	555.11 -14.57 0.00	541.81 -13.10 0.00	185.76 -3.70 0.00	125.75 -2.26 0.00	91.48 -2.00 0.00	85.97 -2.05 0.00
SITHE___MASSENA 23902	62.95 0.08 0.00	52.50 0.07 0.00	46.27 -0.30 0.00	36.78 -0.09 0.00	40.15 0.00 0.00	37.02 0.17 0.00	51.10 0.30 0.00	43.92 0.31 0.00	46.90 0.35 0.00	48.24 0.31 0.00	60.86 0.19 0.00	65.87 -0.53 0.00	63.80 -1.94 0.00	-392.20 -4.65 468.87	82.72 -4.76 0.00	106.42 -6.30 0.00	332.43 -19.40 0.00	675.08 -35.16 0.00	543.39 -26.29 0.00	529.72 -25.18 0.00	180.85 -8.61 0.00	122.74 -5.27 0.00	91.40 -2.08 0.00	87.88 -0.14 0.00
SITHE___OGDNSBRG 24021	64.32 1.45 0.00	53.66 1.22 0.00	47.25 0.68 0.00	37.55 0.69 0.00	41.06 0.91 0.00	37.89 1.04 0.00	52.35 1.55 0.00	44.72 1.11 0.00	47.24 0.70 0.00	48.29 0.36 0.00	60.82 0.15 0.00	65.66 -0.74 0.00	63.39 -2.35 0.00	-303.81 -5.68 379.45	81.61 -5.88 0.00	105.14 -7.59 0.00	328.11 -23.73 0.00	670.80 -39.44 0.00	544.86 -24.82 0.00	536.04 -18.86 0.00	183.75 -5.71 0.00	125.17 -2.84 0.00	93.56 0.08 0.00	90.08 2.06 0.00
SITHE___STERLING 23777	65.05 2.18 0.00	54.12 1.69 0.00	48.04 1.47 0.00	38.01 1.15 0.00	41.43 1.29 0.00	38.11 1.26 0.00	52.64 1.84 0.00	45.10 1.49 0.00	47.78 1.23 0.00	48.90 0.98 0.00	61.93 1.26 0.00	68.07 1.67 0.00	67.80 2.07 0.00	66.75 2.90 17.47	90.60 3.11 0.00	116.80 4.07 0.00	364.81 12.98 0.00	737.43 27.19 0.00	593.51 23.83 0.00	581.44 26.53 0.00	199.25 9.79 0.00	134.46 6.45 0.00	97.69 4.22 0.00	91.11 3.08 0.00
SLEIGHT__34_KV_TB1 80719	64.99 2.12 0.00	53.60 1.16 0.00	47.03 0.46 0.00	37.01 0.15 0.00	40.32 0.18 0.00	37.11 0.27 0.00	51.21 0.41 0.00	44.19 0.58 0.00	47.63 1.08 0.00	49.21 1.28 0.00	62.49 1.81 0.00	68.81 2.42 0.00	69.09 3.35 0.00	85.05 3.72 0.00	91.02 3.54 0.00	117.31 4.59 0.00	364.99 13.16 0.00	735.23 24.99 0.00	588.48 18.80 0.00	577.22 22.31 0.00	198.38 8.92 0.00	133.72 5.71 0.00	96.67 3.19 0.00	90.89 2.87 0.00
SMITHTWN_69_KV_BK 1 55830	61.73 2.28 3.42	55.02 2.59 0.00	49.89 3.31 0.00	39.24 2.37 0.00	42.49 2.35 0.00	39.12 1.98 -0.30	52.95 2.15 0.00	45.70 2.09 0.00	47.10 1.71 1.15	42.17 2.30 8.06	63.93 3.88 0.63	68.93 4.86 2.32	73.26 6.81 -0.72	96.55 9.81 -5.42	187.92 11.38 -89.06	324.13 14.93 -196.47	426.00 43.70 -30.48	807.57 91.54 -5.79	634.71 67.55 2.52	593.25 55.20 16.86	196.80 17.83 10.49	136.26 10.37 2.12	101.32 5.84 -2.01	90.19 3.16 0.99
SOUTH CAIRO___GT 23612	65.33 2.46 0.00	54.43 1.99 0.00	48.50 1.93 0.00	38.27 1.40 0.00	41.61 1.47 0.00	38.03 1.29 0.10	52.53 1.73 0.00	44.81 1.20 0.00	47.38 0.83 0.00	48.28 0.49 0.14	61.33 0.65 0.00	67.56 1.17 0.00	67.48 1.75 0.00	84.71 3.39 0.00	91.40 3.91 0.00	118.54 5.82 0.00	373.19 21.44 0.08	755.78 45.73 0.19	611.56 41.88 0.00	598.48 43.57 0.00	203.70 14.24 0.00	137.07 9.06 0.00	98.97 5.49 0.00	92.12 4.10 0.00
SOUTH HAMPTN___IC 23720	62.56 3.21 3.52	55.74 3.30 0.00	50.43 3.86 0.00	39.60 2.74 0.00	42.80 2.66 0.00	39.33 2.18 -0.30	53.11 2.31 0.00	45.74 2.14 0.00	47.30 1.92 1.16	42.21 2.40 8.12	64.50 4.48 0.65	69.71 5.64 2.33	74.14 7.79 -0.61	96.73 11.16 -4.24	127.71 12.96 -27.26	192.99 16.60 -63.67	410.36 47.16 -11.37	814.34 98.31 -5.79	638.91 71.78 2.54	594.98 57.06 16.98	196.79 17.93 10.60	135.96 10.08 2.13	103.23 5.56 -4.20	90.06 3.05 1.01
SOUTHDOW_115KV_TB1 355954	68.32 5.45 0.00	55.81 3.37 0.00	48.52 1.95 0.00	38.14 1.28 0.00	41.56 1.42 0.00	38.31 1.46 0.00	53.03 2.23 0.00	45.85 2.25 0.00	50.19 3.64 0.00	52.17 4.24 0.00	66.31 5.64 0.00	73.50 7.10 0.00	73.44 7.70 0.00	90.63 9.31 0.00	96.48 9.00 0.00	124.36 11.64 0.00	386.20 34.37 0.00	782.77 72.53 0.00	621.33 51.65 0.00	609.02 54.12 0.00	209.54 20.08 0.00	139.77 11.77 0.00	100.95 7.47 0.00	95.87 7.84 0.00
SOUTHOLD_69_KV_BK 2 55809	64.61 5.25 3.52	57.28 4.84 0.00	51.74 5.17 0.00	40.54 3.67 0.00	43.73 3.59 0.00	40.05 2.91 -0.30	53.94 3.14 0.00	46.23 2.63 0.00	47.99 2.61 1.16	42.35 2.53 8.12	64.88 4.86 0.65	70.12 6.05 2.33	74.74 8.39 -0.61	97.84 12.26 -4.26	128.81 13.95 -27.37	194.20 17.59 -63.89	410.13 46.89 -11.40	810.04 94.01 -5.79	634.64 67.51 2.54	589.99 52.07 16.98	194.72 15.86 10.60	135.20 9.33 2.13	101.99 4.30 -4.21	90.15 3.14 1.01
SOUTHOLD___IC 23719	64.52 5.16 3.52	57.28 4.84 0.00	51.74 5.17 0.00	40.54 3.67 0.00	43.73 3.59 0.00	40.05 2.91 -0.30	53.95 3.15 0.00	46.24 2.63 0.00	47.99 2.61 1.16	42.27 2.46 8.12	64.83 4.81 0.65	70.10 6.03 2.33	74.74 8.39 -0.61	97.66 12.08 -4.26	128.82 13.96 -27.37	194.19 17.57 -63.89	410.15 46.91 -11.40	810.32 94.30 -5.79	634.48 67.35 2.54	589.30 51.38 16.98	194.29 15.43 10.60	134.69 8.81 2.13	101.99 4.30 -4.21	90.15 3.14 1.01
SOUTH_FORK_WT_PWR 323839	64.82 5.47 3.52	57.55 5.11 0.00	51.97 5.40 0.00	40.68 3.81 0.00	43.81 3.67 0.00	40.06 2.91 -0.30	53.79 2.99 0.00	45.90 2.29 0.00	47.64 2.25 1.16	42.36 2.55 8.12	65.42 5.40 0.65	70.69 6.62 2.33	75.34 9.00 -0.61	98.32 12.74 -4.25	129.32 14.52 -27.31	194.36 17.86 -63.77	410.36 47.14 -11.39	808.94 92.91 -5.79	633.20 66.07 2.54	587.77 49.85 16.98	193.51 14.64 10.60	133.86 7.98 2.13	101.34 3.66 -4.20	88.77 1.77 1.01
SPIERFLS_115KV_TB 1 80737	66.18 3.31 0.00	55.07 2.64 0.00	49.09 2.52 0.00	38.72 1.86 0.00	42.16 2.02 0.00	38.35 1.77 0.26	53.39 2.59 0.00	45.81 2.20 0.00	48.48 1.93 0.00	49.34 1.78 0.37	62.92 2.24 0.00	69.45 3.06 0.00	68.99 3.26 0.00	86.58 5.25 0.00	93.68 6.20 0.00	120.68 7.96 0.00	377.48 25.76 0.11	769.47 59.50 0.27	619.62 49.94 0.00	603.33 48.42 0.00	204.66 15.20 0.00	138.90 10.89 0.00	100.80 7.33 0.00	93.55 5.53 0.00
ST LAWRENCE____ 23600	62.21 -0.66 0.00	51.90 -0.54 0.00	45.84 -0.73 0.00	36.42 -0.45 0.00	39.73 -0.41 0.00	36.55 -0.30 0.00	50.46 -0.34 0.00	43.40 -0.20 0.00	46.44 -0.11 0.00	47.81 -0.12 0.00	60.45 -0.23 0.00	65.51 -0.88 0.00	63.76 -1.98 0.00	113.65 -3.70 -36.03	83.52 -3.96 0.00	107.51 -5.21 0.00	335.75 -16.08 0.00	680.60 -29.64 0.00	546.68 -23.00 0.00	532.42 -22.48 0.00	181.62 -7.84 0.00	123.05 -4.96 0.00	90.85 -2.62 0.00	86.91 -1.12 0.00

STATE_CA_115KV_115_LB 55624	63.35 0.48 0.00	52.93 0.49 0.00	47.31 0.73 0.00	37.38 0.52 0.00	40.65 0.50 0.00	36.97 0.37 0.24	51.31 0.51 0.00	43.93 0.32 0.00	46.65 0.10 0.00	47.69 0.10 0.35	61.09 0.41 0.00	67.31 0.91 0.00	67.16 1.42 0.00	84.07 2.75 0.00	90.62 3.14 0.00	116.88 4.16 0.00	366.02 14.31 0.12	740.93 30.98 0.29	594.56 24.88 0.00	577.48 22.58 0.00	196.11 6.65 0.00	132.21 4.20 0.00	95.83 2.35 0.00	89.32 1.30 0.00
STATE_ST_34_KV_LOAD 55959	64.43 1.56 0.00	53.45 1.02 0.00	47.25 0.67 0.00	37.35 0.48 0.00	40.69 0.55 0.00	37.41 0.57 0.00	51.42 0.62 0.00	44.32 0.71 0.00	47.38 0.84 0.00	48.78 0.85 0.00	61.76 1.09 0.00	67.70 1.31 0.00	67.96 2.22 0.00	77.92 2.70 6.10	90.05 2.56 0.00	115.97 3.25 0.00	361.36 9.53 0.00	726.15 15.92 0.00	583.26 13.58 0.00	572.78 17.88 0.00	196.77 7.30 0.00	132.93 4.92 0.00	96.15 2.68 0.00	90.31 2.29 0.00
STATION_5_MISC_HYD 23604	66.00 3.13 0.00	54.27 1.84 0.00	47.40 0.84 0.00	37.20 0.34 0.00	40.53 0.39 0.00	37.30 0.45 0.00	51.47 0.67 0.00	44.43 0.82 0.00	48.18 1.63 0.00	49.98 2.05 0.00	63.52 2.84 0.00	70.00 3.60 0.00	70.35 4.61 0.00	86.35 5.03 0.00	92.27 4.79 0.00	118.95 6.22 0.00	369.55 17.72 0.00	745.06 34.82 0.00	594.13 24.45 0.00	581.74 26.83 0.00	200.29 10.83 0.00	134.88 6.87 0.00	97.64 4.17 0.00	92.08 4.05 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	65.23 2.36 0.00	53.76 1.32 0.00	47.18 0.61 0.00	37.13 0.26 0.00	40.45 0.31 0.00	37.23 0.38 0.00	51.34 0.54 0.00	44.32 0.71 0.00	47.84 1.29 0.00	49.47 1.54 0.00	62.78 2.11 0.00	69.23 2.83 0.00	69.50 3.77 0.00	85.72 4.39 0.00	91.61 4.13 0.00	118.11 5.39 0.00	367.34 15.51 0.00	739.44 29.20 0.00	592.38 22.70 0.00	580.50 25.60 0.00	199.61 10.15 0.00	134.37 6.36 0.00	97.08 3.61 0.00	91.19 3.16 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	65.52 2.65 0.00	53.89 1.46 0.00	47.11 0.54 0.00	36.98 0.11 0.00	40.29 0.14 0.00	37.07 0.23 0.00	51.14 0.34 0.00	44.16 0.55 0.00	47.86 1.31 0.00	49.65 1.72 0.00	63.09 2.42 0.00	69.55 3.16 0.00	69.88 4.14 0.00	85.83 4.50 0.00	91.77 4.29 0.00	118.34 5.61 0.00	367.81 15.98 0.00	741.29 31.05 0.00	591.52 21.84 0.00	579.11 24.21 0.00	199.27 9.81 0.00	134.11 6.11 0.00	97.05 3.58 0.00	91.42 3.40 0.00
STA_56___34_KV_BUS2 355983	65.52 2.65 0.00	53.89 1.46 0.00	47.11 0.54 0.00	36.98 0.11 0.00	40.29 0.14 0.00	37.07 0.23 0.00	51.14 0.34 0.00	44.16 0.55 0.00	47.86 1.31 0.00	49.65 1.72 0.00	63.09 2.42 0.00	69.55 3.16 0.00	69.88 4.14 0.00	85.83 4.50 0.00	91.77 4.29 0.00	118.34 5.61 0.00	367.81 15.98 0.00	741.29 31.05 0.00	591.52 21.84 0.00	579.11 24.21 0.00	199.27 9.81 0.00	134.11 6.11 0.00	97.05 3.58 0.00	91.42 3.40 0.00
STA_67___115KV_BK2 355882	65.76 2.89 0.00	54.09 1.66 0.00	47.26 0.69 0.00	37.09 0.22 0.00	40.41 0.27 0.00	37.19 0.34 0.00	51.30 0.49 0.00	44.29 0.68 0.00	48.00 1.46 0.00	49.79 1.86 0.00	63.27 2.60 0.00	69.70 3.31 0.00	70.04 4.31 0.00	85.94 4.62 0.00	91.84 4.35 0.00	118.38 5.65 0.00	367.94 16.10 0.00	741.52 31.28 0.00	591.43 21.75 0.00	579.25 24.34 0.00	199.53 10.07 0.00	134.31 6.30 0.00	97.30 3.83 0.00	91.75 3.73 0.00
STA_7___115KV_9TRANS 80674	66.55 3.67 0.00	54.69 2.25 0.00	47.74 1.17 0.00	37.46 0.60 0.00	40.81 0.67 0.00	37.56 0.72 0.00	51.83 1.03 0.00	44.77 1.16 0.00	48.56 2.01 0.00	50.41 2.48 0.00	64.12 3.45 0.00	70.69 4.30 0.00	71.08 5.34 0.00	87.25 5.92 0.00	93.24 5.76 0.00	120.27 7.55 0.00	373.60 21.77 0.00	753.27 43.03 0.00	600.11 30.44 0.00	587.62 32.71 0.00	202.22 12.76 0.00	136.03 8.03 0.00	98.45 4.98 0.00	92.72 4.70 0.00
STA_82___115KV_TB1 80780	65.78 2.91 0.00	54.10 1.66 0.00	47.26 0.69 0.00	37.09 0.23 0.00	40.41 0.27 0.00	37.19 0.34 0.00	51.31 0.51 0.00	44.30 0.70 0.00	48.00 1.46 0.00	49.79 1.86 0.00	63.26 2.59 0.00	69.69 3.30 0.00	70.03 4.29 0.00	85.93 4.61 0.00	91.83 4.35 0.00	118.38 5.65 0.00	367.94 16.10 0.00	741.52 31.28 0.00	591.52 21.84 0.00	579.43 24.53 0.00	199.61 10.15 0.00	134.35 6.34 0.00	97.32 3.85 0.00	91.80 3.78 0.00
STEEL___WIND 323596	66.49 3.62 0.00	54.40 1.96 0.00	47.19 0.63 0.00	36.98 0.12 0.00	40.33 0.19 0.00	37.14 0.30 0.00	51.26 0.46 0.00	44.27 0.67 0.00	48.36 1.82 0.00	50.29 2.36 0.00	63.98 3.31 0.00	70.65 4.25 0.00	71.35 5.62 0.00	87.25 5.93 0.00	92.83 5.35 0.00	119.49 6.77 0.00	371.43 19.60 0.00	752.40 42.16 0.00	598.44 28.76 0.00	586.35 31.45 0.00	202.30 12.84 0.00	135.74 7.73 0.00	98.41 4.93 0.00	93.24 5.22 0.00
STEPHTWN_115KV_BK_2 55603	63.40 0.53 0.00	52.96 0.53 0.00	47.36 0.79 0.00	37.45 0.58 0.00	40.70 0.56 0.00	37.03 0.42 0.23	51.38 0.58 0.00	43.93 0.33 0.00	46.66 0.11 0.00	47.69 0.10 0.34	61.07 0.39 0.00	67.25 0.85 0.00	67.16 1.42 0.00	84.18 2.85 0.00	90.81 3.33 0.00	117.22 4.50 0.00	367.60 15.89 0.12	744.75 34.80 0.29	598.02 28.34 0.00	581.27 26.37 0.00	197.29 7.83 0.00	132.92 4.92 0.00	96.17 2.70 0.00	89.61 1.59 0.00
STEUBEN_REC_LFGE 323667	65.31 2.44 0.00	53.93 1.49 0.00	47.35 0.78 0.00	37.48 0.61 0.00	41.07 0.93 0.00	37.86 1.02 0.00	52.39 1.59 0.00	45.06 1.45 0.00	48.62 2.07 0.00	50.05 2.13 0.00	63.22 2.55 0.00	69.87 3.48 0.00	70.55 4.82 0.00	87.26 5.93 0.00	93.03 5.55 0.00	120.03 7.30 0.00	374.11 22.28 0.00	754.84 44.60 0.00	605.62 35.94 0.00	598.84 43.93 0.00	207.00 17.53 0.00	138.37 10.36 0.00	99.55 6.08 0.00	93.66 5.64 0.00
STILLWATER___SOLAR 323814	65.71 2.84 0.00	54.79 2.35 0.00	48.86 2.29 0.00	38.59 1.73 0.00	41.98 1.84 0.00	38.18 1.62 0.29	53.11 2.31 0.00	45.50 1.90 0.00	48.18 1.63 0.00	49.05 1.53 0.41	62.76 2.09 0.00	69.14 2.75 0.00	68.82 3.08 0.00	86.23 4.91 0.00	93.08 5.60 0.00	119.98 7.26 0.00	375.92 24.20 0.11	764.02 54.06 0.28	615.11 45.44 0.00	599.17 44.27 0.00	203.49 14.02 0.00	137.57 9.56 0.00	99.76 6.29 0.00	92.83 4.81 0.00
STONY___BROOK 24151	61.47 2.05 3.45	54.90 2.46 0.00	49.76 3.18 0.00	39.14 2.27 0.00	42.38 2.24 0.00	39.02 1.87 -0.30	52.80 2.00 0.00	45.58 1.97 0.00	46.93 1.54 1.16	41.90 2.04 8.07	63.65 3.61 0.63	68.64 4.54 2.30	72.91 6.48 -0.69	95.47 9.01 -5.13	155.14 10.70 -56.95	254.06 14.01 -127.32	413.31 40.70 -20.77	801.28 85.25 -5.79	629.33 62.18 2.53	587.43 49.42 16.89	194.83 15.89 10.52	134.90 9.01 2.12	102.33 5.20 -3.65	89.72 2.70 0.99
STURGEON_POOL_HYD 23609	64.80 1.93 0.00	54.22 1.78 0.00	48.64 2.07 0.00	38.45 1.59 0.00	41.76 1.62 0.00	38.39 1.40 -0.15	52.58 1.78 0.00	45.32 1.72 0.00	48.38 1.83 0.00	50.22 2.08 -0.22	63.49 2.82 0.00	70.16 3.76 0.00	70.66 4.92 0.00	88.62 7.29 0.00	95.63 8.15 0.00	123.76 11.03 0.00	387.78 35.95 0.00	783.93 73.70 0.00	627.31 57.63 0.00	607.64 52.73 0.00	206.41 16.95 0.00	138.02 10.01 0.00	99.41 5.93 0.00	91.55 3.53 0.00

ST_LAW_115_BK7_LBMP 345037	62.20 -0.67 0.00	51.89 -0.55 0.00	45.81 -0.76 0.00	36.41 -0.46 0.00	39.73 -0.41 0.00	36.55 -0.29 0.00	50.47 -0.33 0.00	43.40 -0.20 0.00	46.44 -0.11 0.00	47.81 -0.12 0.00	60.42 -0.25 0.00	65.43 -0.97 0.00	63.57 -2.16 0.00	119.77 -4.11 -42.56	83.10 -4.39 0.00	106.95 -5.78 0.00	333.98 -17.85 0.00	677.26 -32.98 0.00	544.34 -25.34 0.00	530.00 -24.91 0.00	180.85 -8.61 0.00	122.56 -5.44 0.00	90.67 -2.80 0.00	86.83 -1.20 0.00
ST_LAW_115_BK8_LBMP 345038	62.20 -0.67 0.00	51.89 -0.55 0.00	45.81 -0.76 0.00	36.41 -0.46 0.00	39.73 -0.41 0.00	36.55 -0.29 0.00	50.47 -0.33 0.00	43.40 -0.20 0.00	46.44 -0.11 0.00	47.81 -0.12 0.00	60.42 -0.25 0.00	65.43 -0.97 0.00	63.57 -2.16 0.00	119.77 -4.11 -42.56	83.10 -4.39 0.00	106.95 -5.78 0.00	333.98 -17.85 0.00	677.26 -32.98 0.00	544.34 -25.34 0.00	530.00 -24.91 0.00	180.85 -8.61 0.00	122.56 -5.44 0.00	90.67 -2.80 0.00	86.83 -1.20 0.00
ST_LAW_230_BK5_LBMP 345035	62.21 -0.66 0.00	51.90 -0.54 0.00	45.84 -0.73 0.00	36.42 -0.45 0.00	39.73 -0.41 0.00	36.55 -0.30 0.00	50.46 -0.34 0.00	43.40 -0.20 0.00	46.44 -0.11 0.00	47.81 -0.12 0.00	60.45 -0.23 0.00	65.51 -0.88 0.00	63.76 -1.98 0.00	102.05 -3.70 -24.42	83.52 -3.96 0.00	107.51 -5.21 0.00	335.75 -16.08 0.00	680.60 -29.64 0.00	546.68 -23.00 0.00	532.42 -22.48 0.00	181.62 -7.84 0.00	123.05 -4.96 0.00	90.85 -2.62 0.00	86.91 -1.12 0.00
ST_LAW_230_BK6_LBMP 345036	62.21 -0.66 0.00	51.90 -0.54 0.00	45.84 -0.73 0.00	36.42 -0.45 0.00	39.73 -0.41 0.00	36.55 -0.30 0.00	50.46 -0.34 0.00	43.40 -0.20 0.00	46.44 -0.11 0.00	47.81 -0.12 0.00	60.45 -0.23 0.00	65.51 -0.88 0.00	63.76 -1.98 0.00	102.05 -3.70 -24.42	83.52 -3.96 0.00	107.51 -5.21 0.00	335.75 -16.08 0.00	680.60 -29.64 0.00	546.68 -23.00 0.00	532.42 -22.48 0.00	181.62 -7.84 0.00	123.05 -4.96 0.00	90.85 -2.62 0.00	86.91 -1.12 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	64.63 1.76 0.00	54.06 1.63 0.00	48.45 1.88 0.00	38.35 1.48 0.00	41.61 1.47 0.00	38.34 1.24 -0.26	52.37 1.57 0.00	45.15 1.54 0.00	48.17 1.62 0.00	50.20 1.90 -0.37	63.25 2.58 0.00	69.91 3.51 0.00	70.39 4.66 0.00	88.33 7.01 0.00	95.24 7.76 0.00	123.27 10.54 0.00	386.88 34.03 -1.02	782.36 69.62 -2.50	623.98 54.31 0.00	604.77 49.87 0.00	205.32 15.86 0.00	137.28 9.27 0.00	98.90 5.42 0.00	91.20 3.18 0.00
SWANROAD_115KV_TB1 355699	65.32 2.45 0.00	53.54 1.10 0.00	46.33 -0.24 0.00	36.19 -0.67 0.00	39.46 -0.68 0.00	36.33 -0.51 0.00	50.02 -0.78 0.00	43.19 -0.42 0.00	47.13 0.58 0.00	48.97 1.04 0.00	62.27 1.60 0.00	68.67 2.28 0.00	69.23 3.49 0.00	83.73 2.41 0.00	88.81 1.33 0.00	114.35 1.63 0.00	355.05 3.21 0.00	718.95 8.71 0.00	571.63 1.95 0.00	561.62 6.71 0.00	194.10 4.64 0.00	130.40 2.40 0.00	95.04 1.57 0.00	91.00 2.98 0.00
SYNERGY___BIOGAS 323694	68.01 5.14 0.00	55.67 3.23 0.00	48.28 1.71 0.00	37.76 0.89 0.00	41.17 1.03 0.00	37.92 1.08 0.00	52.34 1.54 0.00	45.24 1.63 0.00	48.71 2.17 0.00	50.05 2.12 0.00	63.57 2.90 0.00	70.10 3.70 0.00	70.75 5.01 0.00	86.18 4.86 0.00	91.62 4.14 0.00	118.27 5.55 0.00	367.46 15.63 0.00	746.05 35.82 0.00	596.28 26.60 0.00	588.58 33.68 0.00	203.21 13.75 0.00	136.27 8.26 0.00	98.59 5.12 0.00	93.30 5.28 0.00
SYRACUSE___ENERGY_ST1 323597	62.99 0.12 0.00	52.32 -0.12 0.00	46.35 -0.22 0.00	36.63 -0.24 0.00	39.88 -0.26 0.00	36.65 -0.19 0.00	50.55 -0.25 0.00	43.47 -0.14 0.00	46.50 -0.04 0.00	47.86 -0.08 0.00	60.59 -0.09 0.00	66.63 0.24 0.00	66.57 0.83 0.00	75.14 1.21 7.40	88.64 1.15 0.00	114.19 1.47 0.00	355.80 3.96 0.00	713.42 3.18 0.00	572.24 2.56 0.00	559.33 4.43 0.00	191.89 2.43 0.00	129.88 1.88 0.00	94.20 0.73 0.00	88.25 0.23 0.00
SYRACUSE___ENERGY_ST2 323598	62.99 0.12 0.00	52.32 -0.12 0.00	46.35 -0.22 0.00	36.63 -0.24 0.00	39.88 -0.26 0.00	36.65 -0.19 0.00	50.55 -0.25 0.00	43.47 -0.14 0.00	46.50 -0.04 0.00	47.86 -0.08 0.00	60.59 -0.09 0.00	66.63 0.24 0.00	66.57 0.83 0.00	75.14 1.21 7.40	88.64 1.15 0.00	114.19 1.47 0.00	355.80 3.96 0.00	713.42 3.18 0.00	572.24 2.56 0.00	559.33 4.43 0.00	191.89 2.43 0.00	129.88 1.88 0.00	94.20 0.73 0.00	88.25 0.23 0.00
SYRACUSE___POWER 24017	63.29 0.42 0.00	52.56 0.12 0.00	46.57 0.00 0.00	36.79 -0.08 0.00	40.06 -0.08 0.00	36.81 -0.04 0.00	50.79 -0.01 0.00	43.66 0.05 0.00	46.72 0.17 0.00	48.09 0.16 0.00	60.90 0.22 0.00	67.04 0.64 0.00	66.97 1.23 0.00	75.29 1.79 7.82	89.25 1.77 0.00	115.03 2.31 0.00	358.57 6.73 0.00	720.07 9.83 0.00	577.42 7.74 0.00	564.19 9.28 0.00	193.33 3.87 0.00	130.68 2.67 0.00	94.79 1.31 0.00	88.70 0.67 0.00
TALLMAN_138KV_BK151 55660	64.83 1.96 0.00	54.23 1.79 0.00	48.66 2.10 0.00	38.52 1.66 0.00	41.79 1.65 0.00	38.50 1.37 -0.28	52.52 1.72 0.00	45.34 1.73 0.00	48.39 1.85 0.00	50.52 2.20 -0.40	63.63 2.96 0.00	70.40 4.00 0.00	71.04 5.30 0.00	89.25 7.93 0.00	96.25 8.76 0.00	124.62 11.89 0.00	391.51 38.28 -1.40	791.61 77.93 -3.44	629.92 60.24 0.00	609.86 54.95 0.00	206.93 17.46 0.00	138.21 10.20 0.00	99.37 5.90 0.00	91.48 3.46 0.00
TEALLAVE_115KV_TB7 355573	62.94 0.07 0.00	52.29 -0.14 0.00	46.34 -0.23 0.00	36.59 -0.28 0.00	39.84 -0.31 0.00	36.60 -0.24 0.00	50.52 -0.28 0.00	43.43 -0.18 0.00	46.49 -0.06 0.00	47.88 -0.05 0.00	60.64 -0.03 0.00	66.71 0.31 0.00	66.62 0.88 0.00	73.73 1.34 8.94	88.79 1.30 0.00	114.42 1.69 0.00	356.68 4.84 0.00	715.92 5.69 0.00	573.67 3.99 0.00	560.26 5.35 0.00	192.00 2.54 0.00	129.80 1.79 0.00	94.20 0.72 0.00	88.21 0.19 0.00
TELGRAPH_34_KV_EAST 80808	66.45 3.58 0.00	54.42 1.98 0.00	47.14 0.57 0.00	36.86 -0.01 0.00	40.18 0.04 0.00	37.01 0.16 0.00	51.01 0.21 0.00	44.08 0.47 0.00	47.96 1.41 0.00	49.72 1.79 0.00	63.23 2.56 0.00	69.68 3.28 0.00	70.30 4.56 0.00	85.38 4.06 0.00	90.73 3.24 0.00	116.94 4.22 0.00	363.38 11.54 0.00	736.62 26.39 0.00	586.59 16.91 0.00	576.93 22.02 0.00	199.25 9.79 0.00	133.74 5.73 0.00	97.12 3.65 0.00	92.47 4.45 0.00
TEMPLE___115KV_TB 2 55572	63.00 0.13 0.00	52.33 -0.11 0.00	46.37 -0.20 0.00	36.61 -0.26 0.00	39.87 -0.28 0.00	36.62 -0.22 0.00	50.54 -0.26 0.00	43.45 -0.16 0.00	46.53 -0.02 0.00	47.92 -0.01 0.00	60.71 0.03 0.00	66.78 0.39 0.00	66.71 0.97 0.00	74.05 1.44 8.72	88.89 1.41 0.00	114.57 1.85 0.00	357.08 5.25 0.00	716.86 6.62 0.00	574.28 4.61 0.00	560.81 5.91 0.00	192.15 2.69 0.00	129.90 1.89 0.00	94.26 0.78 0.00	88.26 0.24 0.00
TIANA___69_KV_BK 1 55817	62.26 2.90 3.52	55.42 2.98 0.00	50.15 3.58 0.00	39.40 2.54 0.00	42.60 2.46 0.00	39.18 2.04 -0.30	52.95 2.15 0.00	45.66 2.05 0.00	47.19 1.81 1.16	42.18 2.37 8.12	64.28 4.26 0.65	69.40 5.33 2.33	73.79 7.45 -0.61	96.48 10.90 -4.26	127.38 12.55 -27.35	192.79 16.21 -63.85	409.71 46.48 -11.40	813.14 97.11 -5.79	638.78 71.64 2.54	595.85 57.93 16.98	197.23 18.37 10.60	136.52 10.64 2.13	103.38 5.70 -4.21	90.10 3.09 1.01

TILDEN___115KV_TB1 80814	63.29 0.42 0.00	52.56 0.12 0.00	46.57 0.00 0.00	36.79 -0.08 0.00	40.06 -0.08 0.00	36.81 -0.04 0.00	50.79 -0.01 0.00	43.66 0.05 0.00	46.72 0.17 0.00	48.09 0.16 0.00	60.90 0.22 0.00	67.04 0.64 0.00	66.97 1.23 0.00	75.29 1.79 7.82	89.25 1.77 0.00	115.03 2.31 0.00	358.57 6.73 0.00	720.07 9.83 0.00	577.42 7.74 0.00	564.19 9.28 0.00	193.33 3.87 0.00	130.68 2.67 0.00	94.79 1.31 0.00	88.70 0.67 0.00
TRIGEN___CC 323695	73.62 2.43 -8.32	54.84 2.40 0.00	49.45 2.88 0.00	39.00 2.14 0.00	42.28 2.14 0.00	38.97 1.83 -0.30	52.92 2.12 0.00	45.77 2.16 0.00	48.31 2.03 0.27	49.68 2.48 0.74	67.22 3.66 -2.89	80.88 4.47 -10.01	87.83 6.12 -15.97	109.99 9.03 -19.64	125.55 10.17 -27.90	163.79 13.44 -37.63	410.88 42.07 -16.98	804.64 88.61 -5.79	635.71 66.60 0.57	610.18 57.88 2.60	210.10 18.78 -1.86	138.81 10.82 0.02	99.65 6.17 0.00	93.57 3.58 -1.96
TRINITY__115KV__4 BK 55933	62.93 0.06 0.00	52.59 0.15 0.00	47.03 0.45 0.00	37.18 0.31 0.00	40.41 0.27 0.00	36.76 0.15 0.24	51.01 0.21 0.00	43.65 0.04 0.00	46.32 -0.23 0.00	47.34 -0.25 0.34	60.62 -0.05 0.00	66.75 0.36 0.00	66.59 0.85 0.00	83.38 2.06 0.00	89.86 2.37 0.00	115.87 3.15 0.00	362.72 11.01 0.12	734.33 24.39 0.30	589.33 19.65 0.00	572.58 17.67 0.00	194.44 4.97 0.00	131.20 3.20 0.00	95.15 1.67 0.00	88.71 0.69 0.00
UNION___PROCESSING_DRP 323587	65.81 2.94 0.00	54.11 1.68 0.00	47.27 0.70 0.00	37.11 0.24 0.00	40.42 0.28 0.00	37.20 0.35 0.00	51.32 0.52 0.00	44.32 0.71 0.00	48.02 1.47 0.00	49.80 1.87 0.00	63.27 2.60 0.00	69.71 3.32 0.00	70.06 4.32 0.00	85.95 4.63 0.00	91.84 4.36 0.00	118.44 5.71 0.00	367.98 16.15 0.00	741.87 31.64 0.00	591.71 22.03 0.00	579.71 24.80 0.00	199.69 10.23 0.00	134.41 6.40 0.00	97.35 3.87 0.00	91.83 3.81 0.00
UPPER HUDSON___HYD 24058	66.18 3.31 0.00	55.07 2.63 0.00	49.08 2.51 0.00	38.72 1.86 0.00	42.16 2.02 0.00	38.35 1.77 0.26	53.39 2.58 0.00	45.81 2.20 0.00	48.48 1.93 0.00	49.34 1.78 0.37	62.92 2.24 0.00	69.45 3.06 0.00	68.99 3.26 0.00	86.58 5.25 0.00	93.68 6.20 0.00	120.69 7.96 0.00	377.48 25.76 0.11	769.46 59.49 0.27	619.56 49.88 0.00	603.22 48.32 0.00	204.66 15.19 0.00	138.90 10.89 0.00	100.80 7.33 0.00	93.55 5.53 0.00
UPPER RAQUET___HYD 24056	62.77 -0.10 0.00	52.38 -0.05 0.00	46.19 -0.38 0.00	36.74 -0.12 0.00	40.20 0.05 0.00	37.12 0.27 0.00	51.28 0.48 0.00	43.88 0.27 0.00	46.49 -0.05 0.00	47.61 -0.32 0.00	59.93 -0.75 0.00	64.73 -1.66 0.00	62.42 -3.31 0.00	-248.29 -6.93 322.68	80.32 -7.16 0.00	103.35 -9.38 0.00	322.89 -28.94 0.00	657.48 -52.76 0.00	532.94 -36.73 0.00	520.41 -34.49 0.00	178.16 -11.30 0.00	121.83 -6.18 0.00	91.74 -1.73 0.00	88.47 0.44 0.00
VALLEY44_115KV_TB2 355964	65.39 2.52 0.00	53.60 1.16 0.00	46.83 0.26 0.00	36.92 0.05 0.00	40.26 0.11 0.00	37.04 0.20 0.00	51.16 0.35 0.00	44.06 0.45 0.00	48.06 1.52 0.00	49.81 1.88 0.00	62.96 2.29 0.00	69.63 3.23 0.00	70.27 4.54 0.00	86.71 5.39 0.00	92.48 5.00 0.00	118.92 6.19 0.00	369.66 17.83 0.00	749.27 39.04 0.00	594.65 24.97 0.00	584.56 29.66 0.00	201.39 11.92 0.00	134.72 6.71 0.00	97.70 4.22 0.00	91.85 3.83 0.00
VALLEY___115KV_TB 1-4 80826	63.84 0.97 0.00	53.17 0.73 0.00	47.43 0.86 0.00	37.46 0.59 0.00	40.79 0.65 0.00	37.44 0.59 0.00	51.53 0.73 0.00	43.86 0.25 0.00	46.42 -0.13 0.00	47.67 -0.26 0.00	60.38 -0.29 0.00	66.50 0.10 0.00	66.54 0.80 0.00	77.11 2.14 6.35	89.90 2.42 0.00	115.96 3.24 0.00	361.84 10.01 0.00	736.39 26.16 0.00	595.60 25.93 0.00	582.88 27.97 0.00	198.81 9.35 0.00	134.10 6.09 0.00	97.01 3.53 0.00	90.08 2.06 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	65.33 2.46 0.00	54.55 2.11 0.00	48.66 2.09 0.00	38.48 1.61 0.00	41.86 1.72 0.00	38.43 1.59 0.00	52.95 2.15 0.00	45.33 1.72 0.00	48.42 1.87 0.00	50.02 2.09 0.00	63.45 2.78 0.00	69.94 3.55 0.00	69.99 4.25 0.00	87.12 5.79 0.00	93.62 6.14 0.00	120.60 7.87 0.00	378.23 26.34 -0.07	765.45 55.05 -0.16	613.02 43.34 0.00	597.17 42.26 0.00	203.61 14.15 0.00	136.83 8.81 0.00	99.13 5.65 0.00	92.23 4.21 0.00
VISCHER___FERRY HYD 24020	64.46 1.59 0.00	53.82 1.39 0.00	48.07 1.50 0.00	37.98 1.11 0.00	41.30 1.16 0.00	37.45 0.96 0.35	52.17 1.37 0.00	44.68 1.08 0.00	47.33 0.78 0.00	48.14 0.72 0.51	61.84 1.16 0.00	68.09 1.69 0.00	67.84 2.10 0.00	85.07 3.75 0.00	91.73 4.25 0.00	118.27 5.54 0.00	370.38 18.67 0.12	751.17 41.24 0.30	603.57 33.89 0.00	586.95 32.04 0.00	199.19 9.72 0.00	134.68 6.67 0.00	97.70 4.23 0.00	91.02 2.99 0.00
V_A_10_SYNC_DSASP 323832	65.32 2.45 0.00	53.60 1.16 0.00	46.62 0.04 0.00	36.53 -0.34 0.00	39.81 -0.33 0.00	36.64 -0.21 0.00	50.49 -0.31 0.00	43.60 0.00 0.00	47.48 0.94 0.00	49.33 1.40 0.00	62.64 1.97 0.00	69.02 2.63 0.00	69.51 3.78 0.00	84.83 3.51 0.00	90.36 2.88 0.00	116.23 3.51 0.00	360.46 16.35 0.00	726.59 66.35 0.00	577.56 7.89 0.00	566.62 11.71 0.00	196.22 6.76 0.00	132.33 4.32 0.00	96.15 2.67 0.00	91.18 3.16 0.00
V_CMM_10_SYNC_DSASP 323787	62.55 -0.33 0.00	52.18 -0.26 0.00	46.05 -0.52 0.00	36.61 -0.26 0.00	39.94 -0.20 0.00	36.76 -0.09 0.00	50.73 -0.07 0.00	43.63 0.02 0.00	46.69 0.14 0.00	48.08 0.15 0.00	60.74 0.07 0.00	65.79 -0.61 0.00	63.96 -1.78 0.00	120.16 -3.73 -42.56	83.28 -4.20 0.00	107.05 -5.68 0.00	334.34 -17.49 0.00	678.07 -32.17 0.00	545.01 -24.67 0.00	530.65 -24.25 0.00	181.05 -8.41 0.00	122.75 -5.26 0.00	90.77 -2.71 0.00	86.99 -1.04 0.00
V_CMP_10_SYNC_DSASP 323788	61.33 -1.54 0.00	51.29 -1.14 0.00	45.55 -1.02 0.00	36.11 -0.75 0.00	39.54 -0.60 0.00	36.45 -0.39 0.00	50.53 -0.27 0.00	43.67 0.07 0.00	46.79 0.24 0.00	48.28 0.35 0.00	61.04 0.37 0.00	65.91 -0.49 0.00	63.99 -1.75 0.00	76.73 -3.60 0.99	83.89 -3.59 0.00	108.06 -4.67 0.00	337.54 -14.29 0.00	688.51 -21.73 0.00	554.40 -15.28 0.00	540.03 -14.87 0.00	183.77 -5.70 0.00	124.47 -3.54 0.00	91.56 -1.91 0.00	87.80 -0.23 0.00
V_D_10_SYNC_DSASP 323841	62.94 0.07 0.00	52.50 0.06 0.00	46.27 -0.30 0.00	36.78 -0.09 0.00	40.14 0.00 0.00	37.01 0.17 0.00	51.10 0.29 0.00	43.90 0.30 0.00	46.90 0.35 0.00	48.24 0.32 0.00	60.86 0.19 0.00	65.88 -0.52 0.00	63.83 -1.91 0.00	147.41 -4.59 -70.67	82.79 -4.69 0.00	106.51 -6.21 0.00	332.75 -19.09 0.00	675.61 -34.63 0.00	543.86 -25.82 0.00	529.86 -25.05 0.00	180.92 -8.54 0.00	122.86 -5.15 0.00	91.41 -2.07 0.00	87.88 -0.15 0.00
V_E_10_SYNC_DSASP 323830	68.74 5.87 0.00	56.94 4.51 0.00	50.39 3.82 0.00	39.79 2.93 0.00	43.45 3.30 0.00	40.10 3.26 0.00	55.30 4.49 0.00	47.54 3.93 0.00	50.58 4.03 0.00	51.97 4.04 0.00	65.61 4.94 0.00	72.51 6.11 0.00	72.41 6.67 0.00	90.28 8.96 0.00	96.83 9.35 0.00	124.73 12.00 0.00	391.04 39.20 0.00	794.26 84.02 0.00	642.31 72.63 0.00	633.50 78.60 0.00	216.75 27.29 0.00	145.49 17.48 0.00	104.77 11.30 0.00	97.40 9.37 0.00

V_F_30_NSYNC___DSASP 323816	65.81 2.94 0.00	54.86 2.42 0.00	48.92 2.35 0.00	38.63 1.77 0.00	42.05 1.90 0.00	38.27 1.70 0.27	53.19 2.39 0.00	45.59 1.98 0.00	48.30 1.76 0.00	49.21 1.67 0.39	62.95 2.28 0.00	69.37 2.98 0.00	69.08 3.34 0.00	86.48 5.16 0.00	93.34 5.86 0.00	120.32 7.60 0.00	376.93 25.21 0.11	765.70 55.73 0.28	616.38 46.70 0.00	600.23 45.32 0.00	203.86 14.40 0.00	137.75 9.74 0.00	99.89 6.41 0.00	92.98 4.96 0.00
V_F_30_SYNC_DSASP 323786	63.34 0.47 0.00	52.92 0.49 0.00	47.31 0.73 0.00	37.38 0.52 0.00	40.64 0.50 0.00	36.96 0.36 0.24	51.31 0.51 0.00	43.93 0.32 0.00	46.64 0.09 0.00	47.69 0.10 0.35	61.09 0.41 0.00	67.30 0.90 0.00	67.16 1.42 0.00	84.07 2.75 0.00	90.59 3.11 0.00	116.87 4.15 0.00	365.98 14.27 0.12	740.74 30.79 0.29	594.41 24.74 0.00	577.44 22.53 0.00	196.07 6.61 0.00	132.19 4.18 0.00	95.83 2.35 0.00	89.32 1.30 0.00
V_XM_10_SYNC_DSASP 323789	61.33 -1.54 0.00	51.29 -1.14 0.00	45.55 -1.02 0.00	36.11 -0.75 0.00	39.54 -0.60 0.00	36.45 -0.39 0.00	50.53 -0.27 0.00	43.67 0.07 0.00	46.79 0.24 0.00	48.28 0.35 0.00	61.04 0.37 0.00	65.91 -0.49 0.00	63.99 -1.75 0.00	76.73 -3.60 0.99	83.89 -3.59 0.00	108.06 -4.67 0.00	337.54 -14.29 0.00	688.51 -21.73 0.00	554.40 -15.28 0.00	540.03 -14.87 0.00	183.77 -5.70 0.00	124.47 -3.54 0.00	91.56 -1.91 0.00	87.80 -0.23 0.00
W.BABYLN_69_KV_BK1 56697	64.47 2.95 1.36	55.44 3.00 0.00	50.16 3.59 0.00	39.47 2.61 0.00	42.77 2.63 0.00	39.38 2.24 -0.30	53.40 2.59 0.00	46.20 2.59 0.00	47.83 2.31 1.03	43.83 2.89 6.99	65.12 4.45 0.00	71.77 5.41 0.04	76.44 7.27 -3.43	100.88 10.56 -8.99	109.19 12.01 -9.69	147.92 15.70 -19.50	406.19 47.83 -6.53	817.48 101.45 -5.79	642.89 76.20 2.98	602.41 64.77 17.27	201.12 21.08 9.42	138.41 12.19 1.79	108.73 7.21 -8.05	91.97 4.42 0.47
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	65.03 2.16 0.00	54.39 1.95 0.00	48.82 2.25 0.00	38.64 1.78 0.00	41.92 1.78 0.00	38.61 1.48 -0.28	52.69 1.89 0.00	45.51 1.90 0.00	48.58 2.03 0.00	50.71 2.38 -0.41	63.87 3.19 0.00	70.66 4.27 0.00	71.32 5.58 0.00	89.62 8.30 0.00	96.64 9.16 0.00	125.12 12.39 0.00	393.23 39.87 -1.52	795.03 81.04 -3.75	632.53 62.85 0.00	612.50 57.59 0.00	207.84 18.38 0.00	138.76 10.75 0.00	99.77 6.30 0.00	91.84 3.82 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	65.48 2.61 0.00	54.74 2.30 0.00	49.28 2.71 0.00	39.08 2.21 0.00	42.39 2.25 0.00	39.11 1.97 -0.30	53.28 2.48 0.00	46.13 2.52 0.00	49.26 2.71 0.00	51.39 3.03 -0.43	64.40 3.72 0.00	71.12 4.73 0.00	71.87 6.13 0.00	90.25 8.92 0.00	97.31 9.82 0.00	125.89 13.16 0.00	397.13 42.97 -2.33	803.98 88.02 -5.73	637.42 67.74 0.00	616.57 61.66 0.00	209.33 19.87 0.00	139.69 11.69 0.00	100.50 7.02 0.00	92.32 4.30 0.00
W50THST__13_KV_LOAD 356117	65.83 2.96 0.00	55.09 2.65 0.00	49.64 3.07 0.00	39.39 2.53 0.00	42.73 2.59 0.00	39.45 2.30 -0.30	53.74 2.94 0.00	46.56 2.95 0.00	49.76 3.22 0.00	51.92 3.56 -0.43	64.98 4.31 0.00	71.73 5.34 0.00	72.51 6.77 0.00	91.07 9.75 0.00	98.19 10.71 0.00	127.21 14.31 -0.18	400.92 46.58 -2.50	811.38 95.07 -6.08	642.16 72.49 0.00	620.96 66.05 0.00	210.82 21.36 0.00	140.63 12.63 0.00	101.08 7.61 0.00	92.91 4.88 0.00
WADING RIVER_IC_1 23522	60.88 1.53 3.52	54.42 1.98 0.00	49.30 2.73 0.00	38.75 1.89 0.00	41.95 1.81 0.00	38.58 1.44 -0.30	52.18 1.37 0.00	45.04 1.43 0.00	46.43 1.05 1.16	41.29 1.48 8.12	63.01 2.99 0.65	67.96 3.90 2.34	72.26 5.92 -0.60	94.20 8.72 -4.16	124.59 10.41 -26.70	188.73 13.50 -62.51	401.32 38.30 -11.20	798.25 82.22 -5.79	627.10 59.97 2.55	584.24 46.33 16.99	193.60 14.75 10.60	134.11 8.23 2.13	101.97 4.39 -4.11	88.82 1.81 1.01
WADING RIVER_IC_2 23547	60.88 1.53 3.52	54.42 1.98 0.00	49.30 2.73 0.00	38.75 1.89 0.00	41.95 1.81 0.00	38.58 1.44 -0.30	52.18 1.37 0.00	45.04 1.43 0.00	46.43 1.05 1.16	41.29 1.48 8.12	63.01 2.99 0.65	67.96 3.90 2.34	72.26 5.92 -0.60	94.20 8.72 -4.16	124.59 10.41 -26.70	188.73 13.50 -62.51	401.32 38.30 -11.20	798.25 82.22 -5.79	627.10 59.97 2.55	584.24 46.33 16.99	193.60 14.75 10.60	134.11 8.23 2.13	101.97 4.39 -4.11	88.82 1.81 1.01
WADING RIVER_IC_3 23601	60.88 1.53 3.52	54.42 1.98 0.00	49.30 2.73 0.00	38.75 1.89 0.00	41.95 1.81 0.00	38.58 1.44 -0.30	52.18 1.37 0.00	45.04 1.43 0.00	46.43 1.05 1.16	41.29 1.48 8.12	63.01 2.99 0.65	67.96 3.90 2.34	72.26 5.92 -0.60	94.20 8.72 -4.16	124.59 10.41 -26.70	188.73 13.50 -62.51	401.32 38.30 -11.20	798.25 82.22 -5.79	627.10 59.97 2.55	584.24 46.33 16.99	193.60 14.75 10.60	134.11 8.23 2.13	101.97 4.39 -4.11	88.82 1.81 1.01
WALDENNY_12_KV_BK2 80841	66.65 3.78 0.00	54.54 2.11 0.00	47.29 0.72 0.00	37.04 0.17 0.00	40.39 0.25 0.00	37.20 0.36 0.00	51.31 0.51 0.00	44.35 0.75 0.00	48.49 1.94 0.00	50.43 2.51 0.00	64.20 3.53 0.00	70.90 4.51 0.00	71.65 5.91 0.00	87.48 6.15 0.00	93.10 5.61 0.00	119.83 7.11 0.00	372.52 20.69 0.00	755.14 44.91 0.00	599.97 30.29 0.00	588.35 33.45 0.00	202.82 13.36 0.00	135.90 7.89 0.00	98.63 5.16 0.00	93.51 5.48 0.00
WALDEN__HYDRO 24148	64.91 2.04 0.00	54.26 1.82 0.00	48.62 2.05 0.00	38.46 1.59 0.00	41.74 1.60 0.00	38.45 1.36 -0.24	52.57 1.77 0.00	45.34 1.74 0.00	48.36 1.82 0.00	50.34 2.07 -0.34	63.50 2.83 0.00	70.11 3.72 0.00	70.61 4.88 0.00	88.64 7.32 0.00	95.63 8.15 0.00	123.73 11.00 0.00	387.90 35.77 -0.30	784.86 73.88 -0.74	627.74 58.06 0.00	608.79 53.88 0.00	206.70 17.24 0.00	138.28 10.27 0.00	99.56 6.09 0.00	91.79 3.77 0.00
WARRENSBURG____ 23737	66.18 3.31 0.00	55.07 2.64 0.00	49.09 2.52 0.00	38.72 1.86 0.00	42.16 2.02 0.00	38.35 1.77 0.26	53.39 2.59 0.00	45.81 2.20 0.00	48.48 1.93 0.00	49.34 1.78 0.37	62.92 2.24 0.00	69.45 3.06 0.00	68.99 3.26 0.00	86.58 5.25 0.00	93.68 6.20 0.00	120.68 7.96 0.00	377.48 25.76 0.11	769.47 59.50 0.27	619.62 49.94 0.00	603.33 48.42 0.00	204.66 15.20 0.00	138.90 10.89 0.00	100.80 7.33 0.00	93.55 5.53 0.00
WATERSIDE____6 8 9 23538	60.30 1.92 4.49	54.62 2.18 0.00	49.19 2.62 0.00	39.09 2.22 0.00	42.31 2.17 0.00	39.07 1.92 -0.30	53.15 2.36 0.00	46.15 2.55 0.00	49.28 2.73 0.00	51.28 2.92 -0.43	63.92 3.24 0.00	70.75 4.36 0.00	71.60 5.87 0.00	90.01 8.69 0.00	97.00 9.52 0.00	126.58 12.88 -0.98	395.94 40.79 -3.32	801.23 83.28 -7.72	632.67 62.99 0.00	612.54 57.64 0.00	207.97 18.51 0.00	138.41 10.41 0.00	99.71 6.24 0.00	91.47 3.45 0.00
WATKINRD_115KV_LN8_ILLION 55919	63.50 0.63 0.00	52.92 0.48 0.00	47.18 0.61 0.00	37.28 0.41 0.00	40.59 0.44 0.00	37.24 0.40 0.00	51.29 0.49 0.00	43.76 0.15 0.00	46.40 -0.14 0.00	47.68 -0.25 0.00	60.40 -0.27 0.00	66.44 0.04 0.00	66.34 0.60 0.00	76.61 1.64 6.35	89.35 1.87 0.00	115.23 2.51 0.00	359.94 8.11 0.00	730.38 20.14 0.00	589.24 19.56 0.00	575.81 20.90 0.00	196.43 6.97 0.00	132.54 4.53 0.00	96.07 2.60 0.00	89.46 1.44 0.00

WDELAWARE___HYD 323627	63.97 1.10 0.00	53.41 0.97 0.00	47.80 1.23 0.00	37.78 0.91 0.00	41.03 0.88 0.00	37.76 0.73 -0.19	51.74 0.94 0.00	44.60 1.00 0.00	47.59 1.04 0.00	49.47 1.27 -0.27	62.60 1.92 0.00	68.99 2.60 0.00	69.49 3.75 0.00	85.62 4.30 0.00	92.31 4.83 0.00	119.37 6.65 0.00	375.37 23.30 -0.24	761.27 50.45 -0.58	610.27 40.59 0.00	595.76 40.85 0.00	204.73 15.27 0.00	136.74 8.73 0.00	98.37 4.89 0.00	90.61 2.59 0.00
WEST BABYLON___IC 23714	64.47 2.95 1.36	55.44 3.00 0.00	50.16 3.59 0.00	39.47 2.61 0.00	42.77 2.63 0.00	39.38 2.24 -0.30	53.40 2.59 0.00	46.20 2.59 0.00	47.83 2.31 1.03	43.83 2.89 6.99	65.12 4.45 0.00	71.77 5.41 0.04	76.44 7.27 -3.43	100.88 10.56 -8.99	109.19 12.01 -9.69	147.92 15.70 -19.50	406.19 47.83 -6.53	817.48 101.45 -5.79	642.89 76.20 2.98	602.41 64.77 17.27	201.12 21.08 9.42	138.41 12.19 1.79	108.73 7.21 -8.05	91.97 4.42 0.47
WEST CANADA___HYD 24049	62.97 0.10 0.00	52.57 0.13 0.00	46.80 0.22 0.00	37.01 0.15 0.00	40.30 0.16 0.00	36.99 0.14 0.00	50.98 0.17 0.00	43.71 0.10 0.00	46.59 0.04 0.00	47.95 0.02 0.00	60.73 0.06 0.00	66.63 0.23 0.00	66.21 0.48 0.00	75.88 0.91 6.35	88.50 1.02 0.00	114.07 1.34 0.00	356.07 4.24 0.00	719.13 8.89 0.00	576.98 7.30 0.00	562.10 7.19 0.00	191.87 2.41 0.00	129.53 1.52 0.00	94.34 0.86 0.00	88.41 0.39 0.00
WESTERN_NY_WIND 24143	67.93 5.06 0.00	55.60 3.17 0.00	48.21 1.63 0.00	37.71 0.84 0.00	41.13 0.99 0.00	37.87 1.03 0.00	52.26 1.46 0.00	45.18 1.57 0.00	48.70 2.15 0.00	50.09 2.16 0.00	63.62 2.95 0.00	70.15 3.75 0.00	70.80 5.06 0.00	86.24 4.92 0.00	91.67 4.18 0.00	118.30 5.58 0.00	367.54 15.71 0.00	746.05 35.82 0.00	596.42 26.74 0.00	588.68 33.77 0.00	203.23 13.76 0.00	136.31 8.30 0.00	98.63 5.16 0.00	93.39 5.37 0.00
WESTOVER___LESR 323668	64.15 1.28 0.00	53.19 0.75 0.00	47.20 0.63 0.00	37.35 0.48 0.00	40.68 0.54 0.00	37.38 0.53 0.00	51.51 0.71 0.00	44.18 0.57 0.00	47.45 0.90 0.00	48.90 0.97 0.00	61.89 1.22 0.00	68.29 1.89 0.00	68.65 2.91 0.00	85.49 4.17 0.00	91.62 4.14 0.00	118.13 5.41 0.00	368.72 16.88 0.00	741.75 31.51 0.00	593.46 23.78 0.00	579.91 25.01 0.00	198.46 9.00 0.00	133.64 5.63 0.00	96.90 3.42 0.00	90.24 2.22 0.00
WETHRSFD_WT_PWR 323626	65.00 2.13 0.00	53.42 0.99 0.00	46.60 0.03 0.00	36.73 -0.13 0.00	40.17 0.03 0.00	37.00 0.16 0.00	51.07 0.27 0.00	43.89 0.28 0.00	47.55 1.00 0.00	49.20 1.27 0.00	62.39 1.72 0.00	68.91 2.51 0.00	69.54 3.80 0.00	85.41 4.08 0.00	90.90 3.42 0.00	117.16 4.44 0.00	364.63 12.80 0.00	736.91 26.67 0.00	588.47 18.79 0.00	579.74 24.83 0.00	200.45 10.99 0.00	134.59 6.58 0.00	97.55 4.07 0.00	92.16 4.14 0.00
WHAVSTOR_138KV_BK127 55557	64.62 1.74 0.00	54.07 1.64 0.00	48.58 2.01 0.00	38.46 1.60 0.00	41.73 1.58 0.00	38.42 1.29 -0.28	52.39 1.59 0.00	45.24 1.63 0.00	48.25 1.71 0.00	50.36 2.02 -0.41	63.36 2.68 0.00	70.08 3.69 0.00	70.69 4.95 0.00	88.81 7.48 0.00	95.78 8.29 0.00	123.95 11.23 0.00	389.54 36.16 -1.55	787.83 73.78 -3.81	626.83 57.16 0.00	606.99 52.09 0.00	206.02 16.55 0.00	137.61 9.61 0.00	99.02 5.54 0.00	91.14 3.12 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	64.62 1.74 0.00	54.07 1.64 0.00	48.58 2.01 0.00	38.46 1.60 0.00	41.73 1.58 0.00	38.42 1.29 -0.28	52.39 1.59 0.00	45.24 1.63 0.00	48.25 1.71 0.00	50.36 2.02 -0.41	63.36 2.68 0.00	70.08 3.69 0.00	70.69 4.95 0.00	88.81 7.48 0.00	95.78 8.29 0.00	123.95 11.23 0.00	389.54 36.16 -1.55	787.83 73.78 -3.81	626.83 57.16 0.00	606.99 52.09 0.00	206.02 16.55 0.00	137.61 9.61 0.00	99.02 5.54 0.00	91.14 3.12 0.00
WHITEHAL_115KV_TB1 80871	68.38 5.52 0.00	56.65 4.22 0.00	50.48 3.91 0.00	39.73 2.87 0.00	43.33 3.18 0.00	39.24 2.66 0.26	54.93 4.13 0.00	47.33 3.72 0.00	49.63 3.09 0.00	50.15 2.61 0.38	64.60 3.93 0.00	71.45 5.06 0.00	70.42 4.69 0.00	89.23 7.90 0.00	97.15 9.66 0.00	124.65 11.93 0.00	386.12 34.40 0.11	794.48 84.52 0.27	638.80 69.12 0.00	622.48 67.57 0.00	210.84 21.38 0.00	143.76 15.75 0.00	104.24 10.77 0.00	97.19 9.17 0.00
WHITEPLN_13_KV_LOAD 356215	65.99 3.11 0.00	55.13 2.69 0.00	49.50 2.93 0.00	39.19 2.32 0.00	42.50 2.35 0.00	39.22 2.07 -0.30	53.53 2.73 0.00	46.29 2.68 0.00	49.43 2.89 0.00	51.64 3.28 -0.43	65.00 4.33 0.00	71.93 5.53 0.00	72.63 6.89 0.00	91.26 9.94 0.00	98.47 10.98 0.00	127.48 14.76 0.00	401.42 47.43 -2.16	812.85 97.29 -5.32	645.11 75.43 0.00	624.24 69.34 0.00	211.77 22.31 0.00	141.31 13.30 0.00	101.55 8.07 0.00	93.33 5.31 0.00
WM_FLOYD_69_KV_BK2 356380	61.58 2.19 3.48	54.89 2.45 0.00	49.74 3.17 0.00	39.10 2.23 0.00	42.32 2.18 0.00	38.94 1.80 -0.30	52.69 1.89 0.00	45.51 1.90 0.00	46.92 1.53 1.16	41.88 2.05 8.10	63.62 3.58 0.64	68.61 4.52 2.30	72.86 6.47 -0.65	95.50 9.52 -4.66	129.14 11.12 -30.53	197.65 14.46 -70.47	405.98 41.76 -12.39	804.73 88.70 -5.79	632.85 65.71 2.54	591.04 53.07 16.94	196.07 17.17 10.56	135.92 10.04 2.13	103.58 5.47 -4.63	89.78 2.76 1.00
WOODARD___115KV_TB2 355635	62.76 -0.11 0.00	52.16 -0.28 0.00	46.23 -0.34 0.00	36.52 -0.35 0.00	39.76 -0.38 0.00	36.53 -0.31 0.00	50.40 -0.39 0.00	43.33 -0.28 0.00	46.38 -0.16 0.00	47.75 -0.18 0.00	60.46 -0.21 0.00	66.50 0.10 0.00	66.36 0.62 0.00	73.82 1.00 8.50	88.44 0.95 0.00	113.97 1.25 0.00	355.23 3.40 0.00	712.89 2.66 0.00	571.39 1.71 0.00	557.95 3.04 0.00	191.16 1.70 0.00	129.35 1.34 0.00	93.90 0.42 0.00	87.95 -0.07 0.00
WOODMERE_69_KV_BK1 55827	90.11 3.53 -23.71	55.72 3.28 0.00	50.31 3.74 0.00	39.63 2.77 0.00	42.95 2.81 0.00	39.59 2.44 -0.30	53.77 2.97 0.00	46.52 2.91 0.00	49.26 2.84 0.12	53.29 3.38 -1.98	73.74 4.79 -8.28	100.56 5.46 -28.70	112.32 7.21 -39.38	139.27 10.44 -47.51	163.07 11.71 -63.88	198.46 15.45 -70.29	431.26 48.30 -31.12	817.95 101.93 -5.79	650.45 77.09 -3.68	640.26 67.36 -18.00	222.07 21.93 -10.67	143.52 12.78 -2.73	101.00 7.53 0.00	98.47 4.79 -5.66
YORK___WARBASSE 23770	65.23 2.36 0.01	54.77 2.33 0.00	49.32 2.75 0.00	39.23 2.36 0.00	42.45 2.31 0.00	39.19 2.04 -0.30	53.24 2.44 0.00	46.27 2.66 0.00	49.42 2.88 0.00	51.46 3.10 -0.43	64.04 3.36 0.00	71.10 4.70 0.00	71.99 6.26 0.00	90.66 9.34 0.00	97.72 10.23 -0.01	127.26 13.74 -0.80	398.15 43.19 -3.13	804.69 87.11 -7.34	634.28 64.60 0.00	614.44 59.54 0.00	208.56 19.10 0.00	138.75 10.74 0.00	100.27 6.80 0.00	92.06 4.04 0.00