

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

06/24/2025

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	69.68	72.02	68.62	60.36	59.50	65.94	60.81	60.79	58.13	71.31	67.64	73.13	93.62	198.87	650.05	1145.24	852.58	1930.56	2137.69	1548.13	629.37	297.63	205.62	107.90
24138	4.62	4.51	4.44	3.84	3.94	4.11	3.76	4.60	4.91	6.23	6.39	7.42	10.06	22.54	77.02	103.69	88.48	187.64	191.03	127.03	68.91	32.23	17.08	9.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-317.95	-111.08	-391.76	-555.69	-486.27	-21.62	-8.03	-28.66	0.00
74TH STREET_GT_1	69.79	72.07	68.66	60.37	59.53	65.98	60.83	60.79	58.15	71.33	67.65	73.20	93.76	199.22	651.51	1145.96	853.34	1930.01	2137.34	1547.32	628.77	297.24	205.59	107.93
24260	4.73	4.56	4.50	3.86	3.97	4.15	3.78	4.60	4.94	6.25	6.41	7.50	10.21	22.89	78.48	104.37	89.22	187.08	190.61	126.17	68.31	31.85	17.05	9.89
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-317.99	-111.10	-391.77	-555.77	-486.33	-21.62	-8.03	-28.66	0.00
74TH STREET_GT_2	69.79	72.07	68.66	60.37	59.53	65.98	60.83	60.79	58.15	71.33	67.65	73.20	93.76	199.22	651.51	1145.96	853.34	1930.01	2137.34	1547.32	628.77	297.24	205.59	107.93
24261	4.73	4.56	4.50	3.86	3.97	4.15	3.78	4.60	4.94	6.25	6.41	7.50	10.21	22.89	78.48	104.37	89.22	187.08	190.61	126.17	68.31	31.85	17.05	9.89
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-317.99	-111.10	-391.77	-555.77	-486.33	-21.62	-8.03	-28.66	0.00
ADK HUDSON___FALLS	69.05	71.18	67.62	59.61	59.23	65.91	60.70	60.10	56.69	69.25	65.51	70.67	90.16	190.39	616.89	781.73	706.40	1489.57	2424.51	1880.31	681.48	315.97	292.54	106.41
24011	3.99	3.67	3.45	3.09	3.67	4.08	3.65	3.91	3.47	4.17	4.26	4.96	6.61	14.06	43.86	58.14	53.38	132.94	147.30	97.59	54.03	25.70	15.16	8.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.48	-886.24	-847.89	-88.60	-32.90	-117.51	0.00
ADK RESOURCE___RCVRY	69.21	71.34	67.76	59.76	59.67	66.49	61.13	60.50	56.99	69.62	66.00	71.25	90.95	192.30	621.87	788.53	712.48	1505.93	2438.40	1892.65	686.34	318.28	294.20	107.07
23798	4.15	3.83	3.59	3.24	4.10	4.66	4.07	4.31	3.77	4.54	4.76	5.54	7.40	15.97	48.83	64.94	59.46	149.27	159.84	106.13	58.49	27.86	16.51	9.03
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.50	-887.60	-851.69	-89.00	-33.05	-117.81	0.00
ADK S GLENS___FALLS	69.05	71.18	67.62	59.61	59.23	65.91	60.70	60.10	56.69	69.25	65.51	70.67	90.16	190.39	616.89	781.73	706.40	1489.57	2424.51	1880.31	681.48	315.97	292.54	106.41
24028	3.99	3.67	3.45	3.09	3.67	4.08	3.65	3.91	3.47	4.17	4.26	4.96	6.61	14.06	43.86	58.14	53.38	132.94	147.30	97.59	54.03	25.70	15.16	8.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.48	-886.24	-847.89	-88.60	-32.90	-117.51	0.00
ADK_NYS___DAM	68.48	70.46	67.00	59.09	58.22	64.68	59.51	59.10	55.80	67.91	64.29	69.18	88.31	186.13	601.69	811.97	705.41	1509.05	2287.66	1690.48	639.54	298.90	266.08	104.10
23527	3.43	2.94	2.82	2.58	2.66	2.85	2.46	2.91	2.59	2.83	3.05	3.48	4.75	9.80	28.66	35.66	33.97	88.98	100.42	62.52	33.04	16.41	11.05	6.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-52.72	-18.42	-68.91	-796.28	-693.13	-67.66	-25.12	-95.15	0.00
AIR_PRODUCTS___DRP	65.84	67.89	64.62	57.09	56.21	62.26	57.52	56.83	53.79	65.71	62.13	66.93	85.32	180.08	585.47	741.17	668.25	1396.01	1717.86	1488.80	608.12	284.63	214.35	100.24
24190	0.78	0.37	0.45	0.57	0.64	0.43	0.46	0.65	0.58	0.64	0.89	1.23	1.77	3.75	12.43	17.58	15.23	41.45	48.06	28.94	14.20	6.81	3.99	2.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.40	-278.84	-525.03	-55.07	-20.45	-50.48	0.00
AKWESSNE_115KV_BK	64.23	67.11	63.80	56.15	55.13	61.52	56.84	55.69	52.57	63.94	59.60	63.44	91.05	95.66	279.85	322.74	348.41	754.38	1114.48	856.87	500.56	244.04	154.11	94.02
355683	-0.83	-0.40	-0.37	-0.36	-0.43	-0.31	-0.21	-0.50	-0.64	-1.13	-1.64	-2.27	-3.70	-7.91	-28.95	-36.49	-29.11	-60.52	-57.57	-38.28	-21.29	-10.96	-5.77	-4.03
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-11.19	72.76	264.23	364.37	275.51	536.25	218.91	39.67	17.00	2.37	0.00	0.00
ALBANY_1_SOLAR	66.05	68.27	65.03	57.36	56.47	62.64	57.66	56.60	53.29	64.91	40.52	65.88	83.91	177.23	575.84	728.43	657.59	1375.78	1628.92	1397.86	598.74	281.56	204.03	100.46
323833	0.99	0.76	0.86	0.84	0.90	0.81	0.61	0.41	0.07	-0.17	0.06	0.17	0.35	0.90	2.80	4.84	4.57	21.79	34.16	25.75	13.94	7.13	4.34	2.41
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.78	0.00	0.00	0.00	0.00	0.00	0.00	-2.84	-203.79	-437.28	-45.95	-17.06	-39.82	0.00
ALBANY_2_SOLAR	66.00	68.24	64.99	57.33	56.45	62.63	57.64	56.58	53.27	64.90	40.51	65.86	83.89	177.21	575.69	728.34	657.39	1375.34	1628.79	1397.13	598.52	281.36	204.01	100.42
323834	0.95	0.73	0.82	0.82	0.88	0.79	0.59	0.39	0.05	-0.18	0.03	0.15	0.34	0.88	2.65	4.74	4.37	21.34	33.75	25.10	13.73	6.93	4.29	2.37
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.76	0.00	0.00	0.00	0.00	0.00	0.00	-2.84	-204.07	-437.20	-45.94	-17.06	-39.84	0.00
ALBANY___1	65.84	67.89	64.62	57.09	56.21	62.26	57.52	56.83	53.79	65.71	62.13	66.93	85.32	180.08	585.47	741.17	668.25	1396.01	1717.86	1488.80	608.12	284.63	214.35	100.24
23571	0.78	0.37	0.45	0.57	0.64	0.43	0.46	0.65	0.58	0.64	0.89	1.23	1.77	3.75	12.43	17.58	15.23	41.45	48.06	28.94	14.20	6.81	3.99	2.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.40	-278.84	-525.03	-55.07	-20.45	-50.48	0.00



ALBANY___2 23572	65.84 0.78 0.00	67.89 0.37 0.00	64.62 0.45 0.00	57.09 0.57 0.00	56.21 0.64 0.00	62.26 0.43 0.00	57.52 0.46 0.00	56.83 0.65 0.00	53.79 0.58 0.00	65.71 0.64 0.00	62.13 0.89 0.00	66.93 1.23 0.00	85.32 1.77 0.00	180.08 3.75 0.00	585.47 12.43 0.00	741.17 17.58 0.00	668.25 15.23 0.00	1396.01 41.45 -3.40	1717.86 48.06 -278.84	1488.80 28.94 -525.03	608.12 14.20 -55.07	284.63 6.81 -20.45	214.35 3.99 -50.48	100.24 2.19 0.00
ALBANY___3 23573	65.84 0.78 0.00	67.89 0.37 0.00	64.62 0.45 0.00	57.09 0.57 0.00	56.21 0.64 0.00	62.26 0.43 0.00	57.52 0.46 0.00	56.83 0.65 0.00	53.79 0.58 0.00	65.71 0.64 0.00	62.13 0.89 0.00	66.93 1.23 0.00	85.32 1.77 0.00	180.08 3.75 0.00	585.47 12.43 0.00	741.17 17.58 0.00	668.25 15.23 0.00	1396.01 41.45 -3.40	1717.86 48.06 -278.84	1488.80 28.94 -525.03	608.12 14.20 -55.07	284.63 6.81 -20.45	214.35 3.99 -50.48	100.24 2.19 0.00
ALBANY___4 23574	65.84 0.78 0.00	67.89 0.37 0.00	64.62 0.45 0.00	57.09 0.57 0.00	56.21 0.64 0.00	62.26 0.43 0.00	57.52 0.46 0.00	56.83 0.65 0.00	53.79 0.58 0.00	65.71 0.64 0.00	62.13 0.89 0.00	66.93 1.23 0.00	85.32 1.77 0.00	180.08 3.75 0.00	585.47 12.43 0.00	741.17 17.58 0.00	668.25 15.23 0.00	1396.01 41.45 -3.40	1717.86 48.06 -278.84	1488.80 28.94 -525.03	608.12 14.20 -55.07	284.63 6.81 -20.45	214.35 3.99 -50.48	100.24 2.19 0.00
ALBANY___LFGE 323615	66.78 1.72 0.00	68.84 1.33 0.00	65.50 1.33 0.00	57.83 1.32 0.00	56.93 1.37 0.00	63.09 1.26 0.00	58.29 1.24 0.00	57.65 1.45 0.00	54.59 1.37 0.00	66.73 1.65 0.00	63.15 1.91 0.00	68.08 2.37 0.00	86.82 3.27 0.00	183.31 6.98 0.00	595.93 22.89 0.00	754.67 31.07 0.00	680.32 27.31 0.00	1422.67 67.49 -4.01	2065.26 73.85 -600.44	1601.37 46.24 -620.30	627.75 23.94 -64.96	292.90 11.41 -24.12	248.74 6.63 -82.22	101.79 3.74 0.00
ALCOA_PA_115KV_PL-6C 55860	64.57 -0.49 0.00	67.32 -0.20 0.00	63.97 -0.20 0.00	56.30 -0.22 0.00	55.28 -0.28 0.00	61.71 -0.13 0.00	57.00 -0.05 0.00	55.79 -0.40 0.00	52.61 -0.61 0.00	63.94 -1.13 0.00	59.47 -1.77 0.00	63.03 -2.68 0.00	101.66 -4.56 -22.66	92.27 -9.76 74.30	259.23 -32.25 281.55	291.40 -39.89 392.30	333.89 -31.67 287.46	727.74 -63.71 559.70	1086.33 -60.74 243.89	845.74 -41.50 47.59	492.71 -22.73 23.41	243.28 -10.77 3.32	155.26 -4.62 0.00	94.18 -3.86 0.00
ALCOA_RYNLDS___DRP 24188	64.57 -0.49 0.00	67.32 -0.20 0.00	63.97 -0.20 0.00	56.30 -0.22 0.00	55.28 -0.28 0.00	61.71 -0.13 0.00	57.00 -0.05 0.00	55.79 -0.40 0.00	52.61 -0.61 0.00	63.94 -1.13 0.00	59.47 -1.77 0.00	63.03 -2.68 0.00	101.66 -4.56 -22.66	92.27 -9.76 74.30	259.23 -32.25 281.55	291.40 -39.89 392.30	333.89 -31.67 287.46	727.74 -63.71 559.70	1086.33 -60.74 243.89	845.74 -41.50 47.59	492.71 -22.73 23.41	243.28 -10.77 3.32	155.26 -4.62 0.00	94.18 -3.86 0.00
ALCOA___DSASP 323711	64.57 -0.49 0.00	67.32 -0.20 0.00	63.97 -0.20 0.00	56.30 -0.22 0.00	55.28 -0.28 0.00	61.71 -0.13 0.00	57.00 -0.05 0.00	55.79 -0.40 0.00	52.61 -0.61 0.00	63.94 -1.13 0.00	59.47 -1.78 0.00	63.03 -2.68 0.00	101.66 -4.56 -22.66	92.26 -9.76 74.30	259.24 -32.25 281.55	291.41 -39.89 392.30	333.93 -31.63 287.46	727.77 -63.68 559.70	1086.50 -60.58 243.89	845.75 -41.48 47.59	492.71 -22.73 23.41	243.28 -10.77 3.32	155.24 -4.64 0.00	94.18 -3.86 0.00
ALLEGHENY___COGEN 23514	66.81 1.75 0.00	68.52 1.01 0.00	64.23 0.05 0.00	56.62 0.11 0.00	55.39 -0.18 0.00	62.08 0.25 0.00	57.65 0.60 0.00	56.31 0.12 0.00	53.04 -0.18 0.00	65.51 0.43 0.00	62.52 1.28 0.00	67.52 1.82 0.00	82.88 -0.67 0.00	168.49 -9.33 -1.48	573.24 -29.37 -29.58	958.96 -53.80 -289.17	841.27 -54.46 -242.71	1927.29 -131.04 -707.18	1882.37 -147.08 -638.49	1013.70 -64.38 -143.25	530.48 -12.32 -3.96	249.97 -8.87 -1.47	160.95 -3.84 -4.91	106.06 8.01 0.00
ALTAMONT_115KV_TB 2 55880	66.57 1.51 0.00	68.83 1.32 0.00	65.55 1.38 0.00	57.78 1.27 0.00	56.88 1.32 0.00	63.14 1.31 0.00	58.23 1.18 0.00	57.53 1.34 0.00	54.43 1.21 0.00	66.53 1.45 0.00	64.11 1.67 -1.20	67.74 2.04 0.00	86.33 2.77 0.00	182.33 6.00 0.00	592.96 19.92 0.00	750.19 26.60 0.00	676.37 23.35 0.00	1410.40 56.29 -2.96	1763.98 62.21 -310.81	1430.67 39.96 -455.88	607.85 21.11 -47.89	285.52 10.37 -17.78	215.74 6.10 -49.75	101.52 3.48 0.00
ALTONA_WT_PWR 323606	63.25 -1.81 0.00	66.36 -1.16 0.00	63.25 -0.92 0.00	55.64 -0.88 0.00	54.47 -1.09 0.00	60.70 -1.13 0.00	56.25 -0.81 0.00	55.60 -0.59 0.00	52.41 -0.81 0.00	63.65 -1.43 0.00	59.55 -1.70 0.00	63.45 -2.25 0.00	73.64 -3.79 6.12	93.17 -8.03 75.12	280.60 -26.43 266.00	334.35 -29.04 360.21	357.22 -22.08 273.72	774.60 -43.79 532.76	1116.83 -51.07 223.06	827.81 -41.01 66.01	504.60 -16.99 17.26	245.82 -9.31 2.23	155.32 -4.56 0.00	94.42 -3.63 0.00
AMERICAN_REF_FUEL 24010	62.83 -2.23 0.00	64.66 -2.85 0.00	60.75 -3.42 0.00	53.89 -2.62 0.00	52.66 -2.90 0.00	59.27 -2.56 0.00	54.55 -2.50 0.00	53.25 -2.94 0.00	51.00 -2.21 0.00	63.59 -1.49 0.00	61.10 -0.14 0.00	65.86 0.15 0.00	84.72 1.17 0.35	175.84 -0.14 6.92	564.18 -1.94 67.65	639.56 -16.38 56.21	575.69 -21.12 165.21	1111.25 -74.70 110.60	1163.33 -117.04 -7.55	876.01 -66.38 -3.48	513.80 -28.52 -1.29	247.74 -10.92 -4.31	155.89 -8.29 -4.31	98.49 0.44 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	63.87 -1.19 0.00	65.80 -1.72 0.00	61.32 -2.85 0.00	54.36 -2.15 0.00	53.23 -2.33 0.00	59.62 -2.22 0.00	55.51 -1.54 0.00	54.78 -1.41 0.00	52.90 -0.31 0.00	66.46 1.39 0.00	63.50 2.26 0.00	68.65 2.95 0.00	88.68 5.13 0.28	184.18 8.14 5.67	589.85 22.49 55.55	689.73 21.69 55.55	614.43 8.05 46.64	1213.98 -1.63 135.54	1275.42 -33.29 82.25	946.07 -5.37 -16.61	545.84 3.02 -3.97	264.09 5.25 -1.47	166.43 1.63 -4.92	103.15 5.10 0.00
ARTHUR KILL_GT_1 23520	65.32 3.66 3.39	56.44 3.40 14.47	56.66 3.52 11.03	57.63 3.01 1.89	56.52 3.06 2.10	57.03 3.11 7.92	59.01 2.82 0.87	59.85 3.66 0.00	57.29 4.07 0.00	70.25 5.17 0.00	66.79 5.55 0.00	72.11 6.43 0.02	92.58 8.95 -0.07	196.94 20.55 -0.06	640.57 67.54 0.00	1132.02 90.41 -318.02	843.06 78.94 -111.10	1902.39 160.15 -391.09	2108.81 162.08 -555.77	1534.97 113.81 -486.33	622.28 61.82 -21.62	295.44 30.04 -8.03	204.08 15.54 -28.66	113.26 9.30 -5.92
ARTHUR_KILL_2 23512	65.01 3.35 3.39	56.11 3.07 14.47	56.35 3.21 11.03	57.38 2.76 1.89	56.29 2.82 2.10	56.76 2.84 7.92	58.76 2.59 0.87	59.60 3.41 0.00	57.03 3.81 0.00	69.94 4.86 0.00	66.51 5.26 0.00	71.74 6.06 0.02	92.11 8.48 -0.07	195.94 19.55 -0.06	636.92 63.89 0.00	1127.91 86.30 -318.02	839.58 75.46 -111.10	1894.02 151.76 -391.09	2101.38 154.66 -555.77	1529.08 107.92 -486.33	618.79 58.32 -21.62	293.83 28.43 -8.03	203.20 14.66 -28.66	112.69 8.72 -5.92
ARTHUR_KILL_3 23513	64.18 3.61 4.49	56.43 3.40 14.48	56.52 3.37 11.02	57.52 2.89 1.89	56.48 3.02 2.11	56.98 3.07 7.93	58.93 2.75 0.87	59.72 3.53 0.00	57.14 3.92 0.00	70.04 4.96 0.00	66.40 5.27 0.11	68.47 6.26 3.49	91.33 8.54 0.76	195.48 19.27 0.11	638.61 66.71 1.13	1130.06 89.78 -316.69	839.66 75.55 -111.09	1894.52 160.28 -383.08	2102.28 164.54 -546.78	1529.76 108.69 -486.24	618.84 58.38 -21.61	292.37 26.98 -8.02	202.62 14.08 -28.66	106.10 8.05 0.00



ARTHUR_KILL_COGEN 323718	65.34 3.67 3.39	56.43 3.39 14.47	56.64 3.50 11.03	57.63 3.01 1.89	56.52 3.06 2.10	57.02 3.10 7.92	59.01 2.83 0.87	59.85 3.66 0.00	57.29 4.07 0.00	70.23 5.16 0.00	66.81 5.56 0.00	72.08 6.39 0.02	92.56 8.93 -0.07	196.94 20.55 -0.06	639.86 66.83 0.00	1132.18 90.56 -318.02	843.13 79.02 -111.10	1901.76 159.51 -391.09	2109.25 162.52 -555.77	1534.94 113.78 -486.33	622.26 61.80 -21.62	295.48 30.08 -8.03	204.07 15.53 -28.66	113.27 9.30 -5.92
ASHOKAN____ 23654	68.47 3.41 0.00	70.54 3.02 0.00	66.99 2.82 0.00	58.89 2.38 0.00	57.94 2.38 0.00	64.28 2.45 0.00	59.40 2.35 0.00	58.89 2.71 0.00	55.78 2.56 0.00	68.28 3.20 0.00	45.69 3.81 19.36	70.05 4.34 0.00	89.53 5.97 0.00	191.88 15.55 0.00	631.96 58.92 0.00	887.26 79.15 -84.51	750.55 68.00 -29.53	1606.77 149.51 -106.10	1825.89 158.50 -276.43	1465.52 96.39 -434.30	628.96 52.31 -37.81	296.42 25.01 -14.04	207.46 13.30 -34.28	105.80 7.75 0.00
ASTORIA_EAST_ENERGY_CC1 323581	69.03 3.97 0.00	71.21 3.69 0.00	67.97 3.80 0.00	59.83 3.32 0.00	59.05 3.49 0.00	65.51 3.68 0.00	60.44 3.39 0.00	60.07 3.88 0.00	57.46 4.24 0.00	70.57 5.50 0.00	66.85 5.61 0.00	72.39 6.65 -0.04	92.92 9.08 -0.29	198.67 20.58 -1.76	648.39 70.89 -4.46	1148.79 95.05 -330.14	858.04 81.07 -123.95	1947.84 169.69 -427.00	2169.79 176.35 -602.48	1574.73 117.31 -522.59	628.83 63.25 -26.73	296.19 29.81 -9.01	204.19 15.64 -28.67	107.11 9.06 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	69.03 3.97 0.00	71.21 3.69 0.00	67.97 3.80 0.00	59.83 3.32 0.00	59.05 3.49 0.00	65.51 3.68 0.00	60.44 3.39 0.00	60.07 3.88 0.00	57.46 4.24 0.00	70.57 5.50 0.00	66.85 5.61 0.00	72.39 6.65 -0.04	92.92 9.08 -0.29	198.67 20.58 -1.76	648.39 70.89 -4.46	1148.79 95.05 -330.14	858.04 81.07 -123.95	1947.84 169.69 -427.00	2169.79 176.35 -602.48	1574.73 117.31 -522.59	628.83 63.25 -26.73	296.19 29.81 -9.01	204.19 15.64 -28.67	107.11 9.06 -0.01
ASTORIA_GT2_1 24094	69.05 4.00 0.00	71.27 3.76 0.00	68.03 3.86 0.00	59.87 3.35 0.00	59.08 3.52 0.00	65.55 3.72 0.00	60.47 3.42 0.00	60.10 3.91 0.00	57.48 4.27 0.00	70.61 5.54 0.00	66.88 5.64 0.00	72.42 6.68 -0.03	92.97 9.13 -0.28	198.78 20.69 -1.76	648.94 71.45 -4.45	1149.21 95.47 -330.14	858.54 81.58 -123.94	1948.94 170.79 -427.00	2170.16 176.73 -602.47	1575.00 117.59 -522.58	629.28 63.71 -26.73	296.31 29.93 -9.01	204.24 15.70 -28.66	107.15 9.11 0.00
ASTORIA_GT2_2 24095	69.05 4.00 0.00	71.27 3.76 0.00	68.03 3.86 0.00	59.87 3.35 0.00	59.08 3.52 0.00	65.55 3.72 0.00	60.47 3.42 0.00	60.10 3.91 0.00	57.48 4.27 0.00	70.61 5.54 0.00	66.88 5.64 0.00	72.42 6.68 -0.03	92.97 9.13 -0.28	198.78 20.69 -1.76	648.94 71.45 -4.45	1149.21 95.47 -330.14	858.54 81.58 -123.94	1948.94 170.79 -427.00	2170.16 176.73 -602.47	1575.00 117.59 -522.58	629.28 63.71 -26.73	296.31 29.93 -9.01	204.24 15.70 -28.66	107.15 9.11 0.00
ASTORIA_GT2_3 24096	69.05 4.00 0.00	71.27 3.76 0.00	68.03 3.86 0.00	59.87 3.35 0.00	59.08 3.52 0.00	65.55 3.72 0.00	60.47 3.42 0.00	60.10 3.91 0.00	57.48 4.27 0.00	70.61 5.54 0.00	66.88 5.64 0.00	72.42 6.68 -0.03	92.97 9.13 -0.28	198.78 20.69 -1.76	648.94 71.45 -4.45	1149.21 95.47 -330.14	858.54 81.58 -123.94	1948.94 170.79 -427.00	2170.16 176.73 -602.47	1575.00 117.59 -522.58	629.28 63.71 -26.73	296.31 29.93 -9.01	204.24 15.70 -28.66	107.15 9.11 0.00
ASTORIA_GT2_4 24097	69.05 4.00 0.00	71.27 3.76 0.00	68.03 3.86 0.00	59.87 3.35 0.00	59.08 3.52 0.00	65.55 3.72 0.00	60.47 3.42 0.00	60.10 3.91 0.00	57.48 4.27 0.00	70.61 5.54 0.00	66.88 5.64 0.00	72.42 6.68 -0.03	92.97 9.13 -0.28	198.78 20.69 -1.76	648.94 71.45 -4.45	1149.21 95.47 -330.14	858.54 81.58 -123.94	1948.94 170.79 -427.00	2170.16 176.73 -602.47	1575.00 117.59 -522.58	629.28 63.71 -26.73	296.31 29.93 -9.01	204.24 15.70 -28.66	107.15 9.11 0.00
ASTORIA_GT3_1 24098	69.05 4.00 0.00	71.27 3.76 0.00	68.03 3.86 0.00	59.87 3.35 0.00	59.08 3.52 0.00	65.55 3.72 0.00	60.47 3.42 0.00	60.10 3.91 0.00	57.48 4.27 0.00	70.61 5.54 0.00	66.88 5.64 0.00	72.42 6.68 -0.03	92.97 9.13 -0.28	198.78 20.69 -1.76	648.94 71.45 -4.45	1149.21 95.47 -330.14	858.54 81.58 -123.94	1948.94 170.79 -427.00	2170.16 176.73 -602.47	1575.00 117.59 -522.58	629.28 63.71 -26.73	296.31 29.93 -9.01	204.24 15.70 -28.66	107.15 9.11 0.00
ASTORIA_GT3_2 24099	69.05 4.00 0.00	71.27 3.76 0.00	68.03 3.86 0.00	59.87 3.35 0.00	59.08 3.52 0.00	65.55 3.72 0.00	60.47 3.42 0.00	60.10 3.91 0.00	57.48 4.27 0.00	70.61 5.54 0.00	66.88 5.64 0.00	72.42 6.68 -0.03	92.97 9.13 -0.28	198.78 20.69 -1.76	648.94 71.45 -4.45	1149.21 95.47 -330.14	858.54 81.58 -123.94	1948.94 170.79 -427.00	2170.16 176.73 -602.47	1575.00 117.59 -522.58	629.28 63.71 -26.73	296.31 29.93 -9.01	204.24 15.70 -28.66	107.15 9.11 0.00
ASTORIA_GT3_3 24100	69.05 4.00 0.00	71.27 3.76 0.00	68.03 3.86 0.00	59.87 3.35 0.00	59.08 3.52 0.00	65.55 3.72 0.00	60.47 3.42 0.00	60.10 3.91 0.00	57.48 4.27 0.00	70.61 5.54 0.00	66.88 5.64 0.00	72.42 6.68 -0.03	92.97 9.13 -0.28	198.78 20.69 -1.76	648.94 71.45 -4.45	1149.21 95.47 -330.14	858.54 81.58 -123.94	1948.94 170.79 -427.00	2170.16 176.73 -602.47	1575.00 117.59 -522.58	629.28 63.71 -26.73	296.31 29.93 -9.01	204.24 15.70 -28.66	107.15 9.11 0.00
ASTORIA_GT3_4 24101	69.05 4.00 0.00	71.27 3.76 0.00	68.03 3.86 0.00	59.87 3.35 0.00	59.08 3.52 0.00	65.55 3.72 0.00	60.47 3.42 0.00	60.10 3.91 0.00	57.48 4.27 0.00	70.61 5.54 0.00	66.88 5.64 0.00	72.42 6.68 -0.03	92.97 9.13 -0.28	198.78 20.69 -1.76	648.94 71.45 -4.45	1149.21 95.47 -330.14	858.54 81.58 -123.94	1948.94 170.79 -427.00	2170.16 176.73 -602.47	1575.00 117.59 -522.58	629.28 63.71 -26.73	296.31 29.93 -9.01	204.24 15.70 -28.66	107.15 9.11 0.00
ASTORIA_GT4_1 24102	69.05 4.00 0.00	71.27 3.76 0.00	68.03 3.86 0.00	59.87 3.35 0.00	59.08 3.52 0.00	65.55 3.72 0.00	60.47 3.42 0.00	60.10 3.91 0.00	57.48 4.27 0.00	70.61 5.54 0.00	66.88 5.64 0.00	72.42 6.68 -0.03	92.97 9.13 -0.28	198.78 20.69 -1.76	648.94 71.45 -4.45	1149.21 95.47 -330.14	858.54 81.58 -123.94	1948.94 170.79 -427.00	2170.16 176.73 -602.47	1575.00 117.59 -522.58	629.28 63.71 -26.73	296.31 29.93 -9.01	204.24 15.70 -28.66	107.15 9.11 0.00
ASTORIA_GT4_2 24103	69.05 4.00 0.00	71.27 3.76 0.00	68.03 3.86 0.00	59.87 3.35 0.00	59.08 3.52 0.00	65.55 3.72 0.00	60.47 3.42 0.00	60.10 3.91 0.00	57.48 4.27 0.00	70.61 5.54 0.00	66.88 5.64 0.00	72.42 6.68 -0.03	92.97 9.13 -0.28	198.78 20.69 -1.76	648.94 71.45 -4.45	1149.21 95.47 -330.14	858.54 81.58 -123.94	1948.94 170.79 -427.00	2170.16 176.73 -602.47	1575.00 117.59 -522.58	629.28 63.71 -26.73	296.31 29.93 -9.01	204.24 15.70 -28.66	107.15 9.11 0.00
ASTORIA_GT4_3 24104	69.05 4.00 0.00	71.27 3.76 0.00	68.03 3.86 0.00	59.87 3.35 0.00	59.08 3.52 0.00	65.55 3.72 0.00	60.47 3.42 0.00	60.10 3.91 0.00	57.48 4.27 0.00	70.61 5.54 0.00	66.88 5.64 0.00	72.42 6.68 -0.03	92.97 9.13 -0.28	198.78 20.69 -1.76	648.94 71.45 -4.45	1149.21 95.47 -330.14	858.54 81.58 -123.94	1948.94 170.79 -427.00	2170.16 176.73 -602.47	1575.00 117.59 -522.58	629.28 63.71 -26.73	296.31 29.93 -9.01	204.24 15.70 -28.66	107.15 9.11 0.00



ASTORIA_GT4_4 24105	69.05 4.00 0.00	71.27 3.76 0.00	68.03 3.86 0.00	59.87 3.35 0.00	59.08 3.52 0.00	65.55 3.72 0.00	60.47 3.42 0.00	60.10 3.91 0.00	57.48 4.27 0.00	70.61 5.54 0.00	66.88 5.64 0.00	72.42 6.68 -0.03	92.97 9.13 -0.28	198.78 20.69 -1.76	648.94 71.45 -4.45	1149.21 95.47 -330.14	858.54 81.58 -123.94	1948.94 170.79 -427.00	2170.16 176.73 -602.47	1575.00 117.59 -522.58	629.28 63.71 -26.73	296.31 29.93 -9.01	204.24 15.70 -28.66	107.15 9.11 0.00
ASTORIA_GT_1 23523	69.25 4.20 0.00	71.46 3.95 0.00	68.19 4.02 0.00	60.01 3.49 0.00	59.22 3.66 0.00	65.72 3.89 0.00	60.65 3.59 0.00	60.27 4.08 0.00	57.65 4.43 0.00	70.83 5.75 0.00	67.10 5.86 0.00	72.66 6.92 -0.03	93.29 9.45 -0.28	199.44 21.35 -1.76	651.09 73.60 -4.45	1151.95 98.22 -330.14	861.15 84.19 -123.94	1954.29 176.14 -427.00	2175.66 182.23 -602.47	1578.66 121.25 -522.58	631.17 65.59 -26.73	297.24 30.86 -9.01	204.82 16.28 -28.66	107.49 9.44 0.00
ASTORIA_GT_10 24110	68.88 3.82 0.00	71.23 3.72 0.00	67.96 3.79 0.00	59.78 3.26 0.00	58.96 3.40 0.00	65.31 3.48 0.00	60.22 3.17 0.00	60.07 3.88 0.00	57.39 4.17 0.00	70.31 5.23 0.00	66.78 5.38 -0.16	77.15 6.35 -5.09	93.39 8.71 -1.12	196.27 19.77 -0.17	642.46 67.77 -1.66	1133.40 90.01 -319.80	840.88 76.76 -111.10	1905.50 162.27 -392.08	2114.80 168.07 -555.77	1532.34 111.18 -486.33	620.07 59.61 -21.62	293.35 27.95 -8.03	203.21 14.67 -28.66	106.51 8.46 0.00
ASTORIA_GT_11 24225	68.88 3.82 0.00	71.23 3.72 0.00	67.96 3.79 0.00	59.78 3.26 0.00	58.96 3.40 0.00	65.31 3.48 0.00	60.22 3.17 0.00	60.07 3.88 0.00	57.39 4.17 0.00	70.31 5.23 0.00	66.78 5.38 -0.16	77.15 6.35 -5.09	93.39 8.71 -1.12	196.27 19.77 -0.17	642.46 67.77 -1.66	1133.40 90.01 -319.80	840.88 76.76 -111.10	1905.50 162.27 -392.08	2114.80 168.07 -555.77	1532.34 111.18 -486.33	620.07 59.61 -21.62	293.35 27.95 -8.03	203.21 14.67 -28.66	106.51 8.46 0.00
ASTORIA_GT_12 24226	68.88 3.82 0.00	71.23 3.72 0.00	67.96 3.79 0.00	59.78 3.26 0.00	58.96 3.40 0.00	65.31 3.48 0.00	60.22 3.17 0.00	60.07 3.88 0.00	57.39 4.17 0.00	70.31 5.23 0.00	66.78 5.38 -0.16	77.15 6.35 -5.09	93.39 8.71 -1.12	196.27 19.77 -0.17	642.46 67.77 -1.66	1133.40 90.01 -319.80	840.88 76.76 -111.10	1905.50 162.27 -392.08	2114.80 168.07 -555.77	1532.34 111.18 -486.33	620.07 59.61 -21.62	293.35 27.95 -8.03	203.21 14.67 -28.66	106.51 8.46 0.00
ASTORIA_GT_13 24227	68.88 3.82 0.00	71.23 3.72 0.00	67.96 3.79 0.00	59.78 3.26 0.00	58.96 3.40 0.00	65.31 3.48 0.00	60.22 3.17 0.00	60.07 3.88 0.00	57.39 4.17 0.00	70.31 5.23 0.00	66.78 5.38 -0.16	77.15 6.35 -5.09	93.39 8.71 -1.12	196.27 19.77 -0.17	642.46 67.77 -1.66	1133.40 90.01 -319.80	840.88 76.76 -111.10	1905.50 162.27 -392.08	2114.80 168.07 -555.77	1532.34 111.18 -486.33	620.07 59.61 -21.62	293.35 27.95 -8.03	203.21 14.67 -28.66	106.51 8.46 0.00
ASTORIA_GT_5 24106	69.25 4.20 0.00	71.46 3.95 0.00	68.19 4.02 0.00	60.01 3.49 0.00	59.22 3.66 0.00	65.72 3.89 0.00	60.65 3.59 0.00	60.27 4.08 0.00	57.65 4.43 0.00	70.83 5.75 0.00	67.10 5.86 0.00	72.66 6.92 -0.03	93.29 9.45 -0.28	199.44 21.35 -1.76	651.09 73.60 -4.45	1151.95 98.22 -330.14	861.15 84.19 -123.94	1954.29 176.14 -427.00	2175.66 182.23 -602.47	1578.66 121.25 -522.58	631.17 65.59 -26.73	297.24 30.86 -9.01	204.82 16.28 -28.66	107.49 9.44 0.00
ASTORIA_GT_7 24107	69.25 4.20 0.00	71.46 3.95 0.00	68.19 4.02 0.00	60.01 3.49 0.00	59.22 3.66 0.00	65.72 3.89 0.00	60.65 3.59 0.00	60.27 4.08 0.00	57.65 4.43 0.00	70.83 5.75 0.00	67.10 5.86 0.00	72.66 6.92 -0.03	93.29 9.45 -0.28	199.44 21.35 -1.76	651.09 73.60 -4.45	1151.95 98.22 -330.14	861.15 84.19 -123.94	1954.29 176.14 -427.00	2175.66 182.23 -602.47	1578.66 121.25 -522.58	631.17 65.59 -26.73	297.24 30.86 -9.01	204.82 16.28 -28.66	107.49 9.44 0.00
ASTORIA_GT_8 24108	69.25 4.20 0.00	71.46 3.95 0.00	68.19 4.02 0.00	60.01 3.49 0.00	59.22 3.66 0.00	65.72 3.89 0.00	60.65 3.59 0.00	60.27 4.08 0.00	57.65 4.43 0.00	70.83 5.75 0.00	67.10 5.86 0.00	72.66 6.92 -0.03	93.29 9.45 -0.28	199.44 21.35 -1.76	651.09 73.60 -4.45	1151.95 98.22 -330.14	861.15 84.19 -123.94	1954.29 176.14 -427.00	2175.66 182.23 -602.47	1578.66 121.25 -522.58	631.17 65.59 -26.73	297.24 30.86 -9.01	204.82 16.28 -28.66	107.49 9.44 0.00
ASTORIA___2 24149	69.06 4.00 0.00	71.26 3.75 0.00	68.01 3.84 0.00	59.87 3.35 0.00	59.09 3.52 0.00	65.54 3.71 0.00	60.47 3.42 0.00	60.10 3.91 0.00	57.48 4.27 0.00	70.61 5.53 0.00	66.89 5.65 0.00	72.42 6.68 -0.04	92.97 9.13 -0.29	198.73 20.64 -1.76	648.68 71.19 -4.46	1149.23 95.49 -330.14	858.56 81.59 -123.95	1948.80 170.65 -427.00	2170.62 177.18 -602.48	1575.08 117.67 -522.59	629.31 63.73 -26.73	296.30 29.91 -9.01	204.26 15.71 -28.67	107.16 9.10 -0.01
ASTORIA___3 23516	68.89 3.83 0.00	71.23 3.71 0.00	67.95 3.77 0.00	59.77 3.26 0.00	58.96 3.40 0.00	65.30 3.47 0.00	60.22 3.17 0.00	60.07 3.88 0.00	57.39 4.17 0.00	70.31 5.23 0.00	66.78 5.38 -0.16	77.14 6.35 -5.09	93.37 8.70 -1.12	196.22 19.72 -0.17	642.13 67.44 -1.66	1133.43 90.03 -319.80	840.76 76.64 -111.10	1905.28 162.04 -392.08	2114.73 168.01 -555.77	1532.46 111.30 -486.33	620.13 59.66 -21.62	293.43 28.03 -8.03	203.19 14.65 -28.66	106.52 8.47 0.00
ASTORIA___4 23517	68.88 3.82 0.00	71.23 3.72 0.00	67.96 3.79 0.00	59.78 3.26 0.00	58.96 3.40 0.00	65.31 3.48 0.00	60.22 3.17 0.00	60.07 3.88 0.00	57.39 4.17 0.00	70.31 5.23 0.00	66.77 5.37 -0.16	77.15 6.35 -5.09	93.39 8.71 -1.12	196.27 19.77 -0.17	642.30 67.61 -1.66	1133.40 90.01 -319.80	840.83 76.72 -111.10	1905.50 162.27 -392.08	2114.80 168.07 -555.77	1532.34 111.18 -486.33	620.07 59.61 -21.62	293.35 27.95 -8.03	203.21 14.67 -28.66	106.51 8.46 0.00
ASTORIA___5 23518	68.89 3.83 0.00	71.23 3.71 0.00	67.95 3.77 0.00	59.77 3.26 0.00	58.96 3.40 0.00	65.30 3.47 0.00	60.22 3.17 0.00	60.07 3.88 0.00	57.39 4.17 0.00	70.31 5.23 0.00	66.78 5.38 -0.16	77.14 6.35 -5.09	93.37 8.70 -1.12	196.22 19.72 -0.17	642.13 67.44 -1.66	1133.43 90.03 -319.80	840.76 76.64 -111.10	1905.12 161.88 -392.08	2114.73 168.01 -555.77	1532.37 111.21 -486.33	620.08 59.62 -21.62	293.43 28.03 -8.03	203.19 14.65 -28.66	106.51 8.46 0.00
AST_ENERGY_2_CC3 323677	69.19 4.14 0.00	71.42 3.90 0.00	67.99 3.82 0.00	59.75 3.24 0.00	58.91 3.35 0.00	65.26 3.43 0.00	60.11 3.06 0.00	60.05 3.86 0.00	57.46 4.25 0.00	70.48 5.40 0.00	66.81 5.57 0.00	72.26 6.55 0.00	92.51 8.95 0.00	196.54 20.21 0.00	642.70 69.66 0.00	1135.10 93.53 -317.97	843.82 79.71 -111.09	1911.17 168.27 -391.75	2118.38 171.69 -555.73	1534.86 113.73 -486.30	621.75 61.28 -21.62	293.81 28.41 -8.03	203.53 14.99 -28.66	106.61 8.56 0.00
AST_ENERGY_2_CC4 323678	69.19 4.14 0.00	71.42 3.90 0.00	67.99 3.82 0.00	59.75 3.24 0.00	58.91 3.35 0.00	65.26 3.43 0.00	60.11 3.06 0.00	60.05 3.86 0.00	57.46 4.25 0.00	70.48 5.40 0.00	66.81 5.57 0.00	72.26 6.55 0.00	92.51 8.95 0.00	196.54 20.21 0.00	642.70 69.66 0.00	1135.10 93.53 -317.97	843.82 79.71 -111.09	1911.17 168.27 -391.75	2118.38 171.69 -555.73	1534.86 113.73 -486.30	621.75 61.28 -21.62	293.81 28.41 -8.03	203.53 14.99 -28.66	106.61 8.56 0.00



ATHENS_STG_1 23668	67.05 1.99 0.00	69.40 1.89 0.00	66.15 1.98 0.00	58.26 1.75 0.00	57.37 1.81 0.00	63.68 1.85 0.00	58.70 1.65 0.00	58.12 1.93 0.00	55.08 1.87 0.00	67.44 2.37 0.00	63.93 2.69 0.00	68.95 3.25 0.00	87.93 4.38 0.00	185.88 9.54 0.00	605.46 32.43 0.00	600.55 43.80 166.84	632.38 37.65 58.29	1232.55 84.91 203.52	1484.03 88.27 -4.80	1044.46 56.06 -53.58	589.94 29.63 -21.45	280.24 14.90 -7.97	195.09 8.59 -26.62	102.95 4.91 0.00
ATHENS_STG_2 23670	67.05 1.99 0.00	69.40 1.89 0.00	66.15 1.98 0.00	58.26 1.75 0.00	57.37 1.81 0.00	63.68 1.85 0.00	58.70 1.65 0.00	58.12 1.93 0.00	55.08 1.87 0.00	67.44 2.37 0.00	63.93 2.69 0.00	68.95 3.25 0.00	87.93 4.38 0.00	185.88 9.54 0.00	605.46 32.43 0.00	600.55 43.80 166.84	632.38 37.65 58.29	1232.55 84.91 203.52	1484.03 88.27 -4.80	1044.46 56.06 -53.58	589.94 29.63 -21.45	280.24 14.90 -7.97	195.09 8.59 -26.62	102.95 4.91 0.00
ATHENS_STG_3 23677	67.05 1.99 0.00	69.40 1.89 0.00	66.15 1.98 0.00	58.26 1.75 0.00	57.37 1.81 0.00	63.68 1.85 0.00	58.70 1.65 0.00	58.12 1.93 0.00	55.08 1.87 0.00	67.44 2.37 0.00	63.93 2.69 0.00	68.95 3.25 0.00	87.93 4.38 0.00	185.88 9.54 0.00	605.46 32.43 0.00	600.55 43.80 166.84	632.38 37.65 58.29	1232.55 84.91 203.52	1484.03 88.27 -4.80	1044.46 56.06 -53.58	589.94 29.63 -21.45	280.24 14.90 -7.97	195.09 8.59 -26.62	102.95 4.91 0.00
AUBURN____LFGE 323710	66.16 1.10 0.00	68.16 0.65 0.00	64.44 0.27 0.00	56.76 0.25 0.00	55.97 0.40 0.00	62.58 0.75 0.00	57.46 0.41 0.00	56.69 0.50 0.00	53.82 0.61 0.00	66.22 1.14 0.00	62.79 1.54 0.00	67.41 1.70 0.00	85.17 2.49 0.88	184.41 4.94 -3.14	588.60 16.27 0.70	740.86 17.27 0.00	665.58 12.56 0.00	1372.86 21.53 -0.18	1427.30 13.37 -22.97	971.62 14.69 -22.10	553.33 11.83 -2.65	264.88 6.46 -1.06	167.21 3.81 -3.52	101.11 3.06 0.00
BABYLON_RES_REC 323704	74.91 3.88 -5.98	70.62 3.10 0.00	67.12 2.95 0.00	59.67 3.16 0.00	59.12 3.56 0.00	65.41 3.58 0.00	60.31 3.26 0.00	60.79 4.17 -0.43	57.21 3.99 0.00	69.63 4.54 0.00	68.91 5.28 -2.38	80.50 6.58 -8.21	115.29 8.76 -22.97	208.49 19.82 -12.33	680.52 71.37 -36.11	1300.25 102.80 -473.85	1129.32 88.21 -388.08	3682.49 191.70 -2139.64	4327.90 197.28 -2739.65	1873.26 125.79 -812.64	678.70 62.14 -77.72	293.34 25.90 -10.07	205.13 14.00 -31.25	106.46 8.11 -0.30
BALL_HILL_WT_PWR 323825	64.25 -0.80 0.00	66.21 -1.31 0.00	61.97 -2.20 0.00	54.86 -1.66 0.00	53.65 -1.91 0.00	60.19 -1.65 0.00	55.70 -1.35 0.00	54.75 -1.44 0.00	52.51 -0.71 0.00	65.73 0.65 0.00	62.91 1.66 0.00	68.00 2.30 0.00	87.78 4.22 0.00	182.73 6.76 0.36	584.22 18.36 7.17	668.90 15.51 70.20	598.66 4.58 58.94	1169.90 -9.89 171.36	1230.35 -46.45 114.16	926.36 -18.30 -9.83	538.73 -3.93 -3.82	260.99 2.21 -1.42	163.66 -0.96 -4.73	101.70 3.65 0.00
BARON_WINDS____WT_PWR 323822	63.79 -1.27 0.00	66.10 -1.41 0.00	61.84 -2.33 0.00	54.29 -2.22 0.00	53.14 -2.42 0.00	59.36 -2.47 0.00	54.97 -2.09 0.00	54.18 -2.01 0.00	51.80 -1.42 0.00	64.66 -0.42 0.00	61.56 0.32 0.00	66.32 0.61 0.00	85.63 1.62 -0.45	176.15 1.57 1.75	521.19 2.78 54.63	189.51 1.18 535.26	195.95 -7.33 449.74	20.34 -22.97 1307.85	277.72 -39.99 1073.25	773.40 -13.93 147.50	543.26 -0.77 -5.18	262.35 3.06 -1.92	165.34 -0.96 -6.42	100.09 2.05 0.00
BARRETT_IC_1 23704	200.13 4.12 -130.95	96.36 3.50 -25.34	67.52 3.35 0.00	59.90 3.38 0.00	59.20 3.64 0.00	65.53 3.70 0.00	60.39 3.34 0.00	65.28 4.12 -4.97	57.22 4.00 -0.01	98.26 4.81 -28.37	94.99 5.56 -28.18	162.23 6.69 -89.84	235.79 8.68 -143.56	399.79 19.48 -203.98	1211.80 68.14 -570.62	3324.51 91.24 -2509.67	3218.31 78.07 -2487.22	5649.06 167.70 -4130.21	6592.86 170.99 -5030.91	4147.11 112.46 -3099.83	1465.71 60.98 -865.89	396.36 26.26 -112.73	205.32 14.47 -30.97	106.39 8.34 0.00
BARRETT_IC_10 23701	200.13 4.12 -130.95	96.36 3.50 -25.34	67.52 3.35 0.00	59.90 3.38 0.00	59.20 3.64 0.00	65.53 3.70 0.00	60.39 3.34 0.00	65.28 4.12 -4.97	57.22 4.00 -0.01	98.26 4.81 -7.16	94.99 5.56 -28.18	117.84 6.69 -45.45	122.38 8.68 -30.14	139.95 19.48 55.85	515.71 68.14 125.46	987.53 91.24 -172.69	783.11 78.07 -52.01	1626.38 167.70 -107.52	1752.30 170.99 -190.35	49.17 112.46 998.12	535.04 60.98 64.79	256.05 26.26 27.58	205.31 14.47 -30.96	106.39 8.34 0.00
BARRETT_IC_11 23702	200.13 4.12 -130.95	96.36 3.50 -25.34	67.52 3.35 0.00	59.90 3.38 0.00	59.20 3.64 0.00	65.53 3.70 0.00	60.39 3.34 0.00	65.28 4.12 -4.97	57.22 4.00 -0.01	98.26 4.81 -7.16	94.99 5.56 -28.18	117.84 6.69 -45.45	122.38 8.68 -30.14	139.95 19.48 55.85	515.71 68.14 125.46	987.53 91.24 -172.69	783.11 78.07 -52.01	1626.38 167.70 -107.52	1752.30 170.99 -190.35	49.17 112.46 998.12	535.04 60.98 64.79	256.05 26.26 27.58	205.31 14.47 -30.96	106.39 8.34 0.00
BARRETT_IC_12 23703	200.13 4.12 -130.95	96.36 3.50 -25.34	67.52 3.35 0.00	59.90 3.38 0.00	59.20 3.64 0.00	65.53 3.70 0.00	60.39 3.34 0.00	65.28 4.12 -4.97	57.22 4.00 -0.01	98.26 4.81 -7.16	94.99 5.56 -28.18	117.84 6.69 -45.45	122.38 8.68 -30.14	139.95 19.48 55.85	515.71 68.14 125.46	987.53 91.24 -172.69	783.11 78.07 -52.01	1626.38 167.70 -107.52	1752.30 170.99 -190.35	49.17 112.46 998.12	535.04 60.98 64.79	256.05 26.26 27.58	205.31 14.47 -30.96	106.39 8.34 0.00
BARRETT_IC_2 23705	200.13 4.12 -130.95	96.36 3.50 -25.34	67.52 3.35 0.00	59.90 3.38 0.00	59.20 3.64 0.00	65.53 3.70 0.00	60.39 3.34 0.00	65.28 4.12 -4.97	57.22 4.00 -0.01	98.26 4.81 -28.37	94.99 5.56 -28.18	162.23 6.69 -89.84	235.79 8.68 -143.56	399.79 19.48 -203.98	1211.80 68.14 -570.62	3324.51 91.24 -2509.67	3218.31 78.07 -2487.22	5649.06 167.70 -4130.21	6592.86 170.99 -5030.91	4147.11 112.46 -3099.83	1465.71 60.98 -865.89	396.36 26.26 -112.73	205.32 14.47 -30.97	106.39 8.34 0.00
BARRETT_IC_3 23706	200.13 4.12 -130.95	96.36 3.50 -25.34	67.52 3.35 0.00	59.90 3.38 0.00	59.20 3.64 0.00	65.53 3.70 0.00	60.39 3.34 0.00	65.28 4.12 -4.97	57.22 4.00 -0.01	98.26 4.81 -28.37	94.99 5.56 -28.18	162.23 6.69 -89.84	235.79 8.68 -143.56	399.79 19.48 -203.98	1211.80 68.14 -570.62	3324.51 91.24 -2509.67	3218.31 78.07 -2487.22	5649.06 167.70 -4130.21	6592.86 170.99 -5030.91	4147.11 112.46 -3099.83	1465.71 60.98 -865.89	396.36 26.26 -112.73	205.32 14.47 -30.97	106.39 8.34 0.00
BARRETT_IC_4 23707	200.13 4.12 -130.95	96.36 3.50 -25.34	67.52 3.35 0.00	59.90 3.38 0.00	59.20 3.64 0.00	65.53 3.70 0.00	60.39 3.34 0.00	65.28 4.12 -4.97	57.22 4.00 -0.01	98.26 4.81 -28.37	94.99 5.56 -28.18	162.23 6.69 -89.84	235.79 8.68 -143.56	399.79 19.48 -203.98	1211.80 68.14 -570.62	3324.51 91.24 -2509.67	3218.31 78.07 -2487.22	5649.06 167.70 -4130.21	6592.86 170.99 -5030.91	4147.11 112.46 -3099.83	1465.71 60.98 -865.89	396.36 26.26 -112.73	205.32 14.47 -30.97	106.39 8.34 0.00
BARRETT_IC_5 23708	200.13 4.12 -130.95	96.36 3.50 -25.34	67.52 3.35 0.00	59.90 3.38 0.00	59.20 3.64 0.00	65.53 3.70 0.00	60.39 3.34 0.00	65.28 4.12 -4.97	57.22 4.00 -0.01	98.26 4.81 -28.37	94.99 5.56 -28.18	162.23 6.69 -89.84	235.79 8.68 -143.56	399.79 19.48 -203.98	1211.80 68.14 -570.62	3324.51 91.24 -2509.67	3218.31 78.07 -2487.22	5649.06 167.70 -4130.21	6592.86 170.99 -5030.91	4147.11 112.46 -3099.83	1465.71 60.98 -865.89	396.36 26.26 -112.73	205.32 14.47 -30.97	106.39 8.34 0.00



BARRETT_IC_6 23709	200.13 4.12 -130.95	96.36 3.50 -25.34	67.52 3.35 0.00	59.90 3.38 0.00	59.20 3.64 0.00	65.53 3.70 0.00	60.39 3.34 0.00	65.28 4.12 -4.97	57.22 4.00 -0.01	98.26 4.81 -28.37	94.99 5.56 -28.18	162.23 6.69 -89.84	235.79 8.68 -143.56	399.79 19.48 -203.98	1211.80 68.14 -570.62	3324.51 91.24 -2509.67	3218.31 78.07 -2487.22	5649.06 167.70 -4130.21	6592.86 170.99 -5030.91	4147.11 112.46 -3099.83	1465.71 60.98 -865.89	396.36 26.26 -112.73	205.32 14.47 -30.97	106.39 8.34 0.00
BARRETT_IC_7 23710	200.22 4.22 -130.95	96.43 3.58 -25.34	67.60 3.43 0.00	59.90 3.38 0.00	59.20 3.64 0.00	65.55 3.72 0.00	60.39 3.34 0.00	65.32 4.16 -4.97	57.22 4.00 -0.01	98.26 4.81 -28.37	95.02 5.59 -28.18	162.23 6.69 -89.84	235.89 8.77 -143.56	400.26 19.95 -203.98	1212.53 68.87 -570.62	3325.64 92.38 -2509.67	3219.22 78.98 -2487.22	5650.36 169.00 -4130.21	6592.99 171.12 -5030.91	4147.03 112.37 -3099.83	1465.73 61.00 -865.89	396.34 26.24 -112.73	205.35 14.51 -30.97	106.38 8.33 0.00
BARRETT_IC_8 23711	200.13 4.12 -130.95	96.36 3.50 -25.34	67.52 3.35 0.00	59.90 3.38 0.00	59.20 3.64 0.00	65.53 3.70 0.00	60.39 3.34 0.00	65.28 4.12 -4.97	57.22 4.00 -0.01	98.26 4.81 -28.37	94.99 5.56 -28.18	162.23 6.69 -89.84	235.79 8.68 -143.56	399.79 19.48 -203.98	1211.80 68.14 -570.62	3324.51 91.24 -2509.67	3218.31 78.07 -2487.22	5649.06 167.70 -4130.21	6592.86 170.99 -5030.91	4147.11 112.46 -3099.83	1465.71 60.98 -865.89	396.36 26.26 -112.73	205.32 14.47 -30.97	106.39 8.34 0.00
BARRETT_IC_9 23700	200.13 4.12 -130.95	96.36 3.50 -25.34	67.52 3.35 0.00	59.90 3.38 0.00	59.20 3.64 0.00	65.53 3.70 0.00	60.39 3.34 0.00	65.28 4.12 -4.97	57.22 4.00 -0.01	77.06 4.81 -7.16	94.99 5.56 -28.18	117.84 6.69 -45.45	122.38 8.68 -30.14	139.95 19.48 55.85	515.71 68.14 125.46	987.53 91.24 -172.69	783.11 78.07 -52.01	1626.38 167.70 -107.52	1752.30 170.99 -190.35	49.17 112.46 998.12	535.04 60.98 64.79	256.05 26.26 27.58	205.31 14.47 -30.96	106.39 8.34 0.00
BARRETT___1 23545	200.13 4.12 -130.95	96.36 3.50 -25.34	67.52 3.35 0.00	59.90 3.38 0.00	59.20 3.64 0.00	65.53 3.70 0.00	60.39 3.34 0.00	65.28 4.12 -4.97	57.22 4.00 -0.01	98.26 4.81 -28.37	94.99 5.56 -28.18	162.23 6.69 -89.84	235.79 8.68 -143.56	399.79 19.48 -203.98	1211.80 68.14 -570.62	3324.51 91.24 -2509.67	3218.31 78.07 -2487.22	5649.06 167.70 -4130.21	6592.86 170.99 -5030.91	4147.11 112.46 -3099.83	1465.71 60.98 -865.89	396.36 26.26 -112.73	205.32 14.47 -30.97	106.39 8.34 0.00
BARRETT___2 23546	200.13 4.12 -130.95	96.36 3.50 -25.34	67.52 3.35 0.00	59.90 3.38 0.00	59.20 3.64 0.00	65.53 3.70 0.00	60.39 3.34 0.00	65.28 4.12 -4.97	57.22 4.00 -0.01	77.06 4.81 -7.16	94.99 5.56 -28.18	117.84 6.69 -45.45	122.38 8.68 -30.14	139.95 19.48 55.85	515.71 68.14 125.46	987.53 91.24 -172.69	783.11 78.07 -52.01	1626.38 167.70 -107.52	1752.30 170.99 -190.35	49.17 112.46 998.12	535.04 60.98 64.79	256.05 26.26 27.58	205.31 14.47 -30.96	106.39 8.34 0.00
BATAVIA___115KV_TB1 55881	66.55 1.49 0.00	68.32 0.81 0.00	64.13 -0.04 0.00	56.82 0.31 0.00	55.58 0.02 0.00	62.48 0.64 0.00	57.73 0.67 0.00	56.56 0.37 0.00	53.98 0.77 0.00	67.05 1.98 0.00	64.19 2.95 0.00	68.60 2.90 0.00	87.82 4.26 0.00	183.24 7.16 0.25	588.72 20.70 5.02	687.46 12.87 49.01	619.30 6.09 39.81	1220.72 -10.68 119.75	1283.82 -34.53 72.62	941.15 -5.19 -11.51	547.85 5.84 -3.17	263.85 5.30 -1.18	167.12 3.31 -3.93	104.43 6.38 0.00
BAYONEEC___CTG1 323682	69.06 4.00 0.00	71.32 3.81 0.00	67.93 3.75 0.00	59.74 3.23 0.00	58.91 3.35 0.00	65.28 3.44 0.00	60.11 3.06 0.00	60.03 3.84 0.00	57.42 4.21 0.00	70.41 5.33 0.00	66.69 5.57 0.12	68.24 6.58 4.04	91.65 8.98 0.89	196.44 20.24 0.13	641.43 69.71 1.32	1133.83 93.76 -316.48	843.63 79.52 -111.09	1910.76 168.08 -391.52	2118.79 172.10 -555.73	1535.02 113.89 -486.30	621.78 61.31 -21.62	293.90 28.51 -8.03	203.53 14.99 -28.66	106.66 8.61 0.00
BAYONEEC___CTG10 323750	69.06 4.00 0.00	71.32 3.81 0.00	67.93 3.75 0.00	59.74 3.23 0.00	58.91 3.35 0.00	65.28 3.44 0.00	60.11 3.06 0.00	60.03 3.84 0.00	57.42 4.21 0.00	70.41 5.33 0.00	66.69 5.57 0.12	68.24 6.58 4.04	91.65 8.98 0.89	196.44 20.24 0.13	641.43 69.71 1.32	1133.83 93.76 -316.48	843.63 79.52 -111.09	1910.76 168.08 -391.52	2118.79 172.10 -555.73	1535.02 113.89 -486.30	621.78 61.31 -21.62	293.90 28.51 -8.03	203.53 14.99 -28.66	106.66 8.61 0.00
BAYONEEC___CTG2 323683	69.06 4.00 0.00	71.32 3.81 0.00	67.93 3.75 0.00	59.74 3.23 0.00	58.91 3.35 0.00	65.28 3.44 0.00	60.11 3.06 0.00	60.03 3.84 0.00	57.42 4.21 0.00	70.41 5.33 0.00	66.69 5.57 0.12	68.24 6.58 4.04	91.65 8.98 0.89	196.44 20.24 0.13	641.43 69.71 1.32	1133.83 93.76 -316.48	843.63 79.52 -111.09	1910.76 168.08 -391.52	2118.79 172.10 -555.73	1535.02 113.89 -486.30	621.78 61.31 -21.62	293.90 28.51 -8.03	203.53 14.99 -28.66	106.66 8.61 0.00
BAYONEEC___CTG3 323684	69.06 4.00 0.00	71.32 3.81 0.00	67.93 3.75 0.00	59.74 3.23 0.00	58.91 3.35 0.00	65.28 3.44 0.00	60.11 3.06 0.00	60.03 3.84 0.00	57.42 4.21 0.00	70.41 5.33 0.00	66.69 5.57 0.12	68.24 6.58 4.04	91.65 8.98 0.89	196.44 20.24 0.13	641.43 69.71 1.32	1133.83 93.76 -316.48	843.63 79.52 -111.09	1910.76 168.08 -391.52	2118.79 172.10 -555.73	1535.02 113.89 -486.30	621.78 61.31 -21.62	293.90 28.51 -8.03	203.53 14.99 -28.66	106.66 8.61 0.00
BAYONEEC___CTG4 323685	69.06 4.00 0.00	71.32 3.81 0.00	67.93 3.75 0.00	59.74 3.23 0.00	58.91 3.35 0.00	65.28 3.44 0.00	60.11 3.06 0.00	60.03 3.84 0.00	57.42 4.21 0.00	70.41 5.33 0.00	66.69 5.57 0.12	68.24 6.58 4.04	91.65 8.98 0.89	196.44 20.24 0.13	641.43 69.71 1.32	1133.83 93.76 -316.48	843.63 79.52 -111.09	1910.76 168.08 -391.52	2118.79 172.10 -555.73	1535.02 113.89 -486.30	621.78 61.31 -21.62	293.90 28.51 -8.03	203.53 14.99 -28.66	106.66 8.61 0.00
BAYONEEC___CTG5 323686	69.06 4.00 0.00	71.32 3.81 0.00	67.93 3.75 0.00	59.74 3.23 0.00	58.91 3.35 0.00	65.28 3.44 0.00	60.11 3.06 0.00	60.03 3.84 0.00	57.42 4.21 0.00	70.41 5.33 0.00	66.69 5.57 0.12	68.24 6.58 4.04	91.65 8.98 0.89	196.44 20.24 0.13	641.43 69.71 1.32	1133.83 93.76 -316.48	843.63 79.52 -111.09	1910.76 168.08 -391.52	2118.79 172.10 -555.73	1535.02 113.89 -486.30	621.78 61.31 -21.62	293.90 28.51 -8.03	203.53 14.99 -28.66	106.66 8.61 0.00
BAYONEEC___CTG6 323687	69.06 4.00 0.00	71.32 3.81 0.00	67.93 3.75 0.00	59.74 3.23 0.00	58.91 3.35 0.00	65.28 3.44 0.00	60.11 3.06 0.00	60.03 3.84 0.00	57.42 4.21 0.00	70.41 5.33 0.00	66.69 5.57 0.12	68.24 6.58 4.04	91.65 8.98 0.89	196.44 20.24 0.13	641.43 69.71 1.32	1133.83 93.76 -316.48	843.63 79.52 -111.09	1910.76 168.08 -391.52	2118.79 172.10 -555.73	1535.02 113.89 -486.30	621.78 61.31 -21.62	293.90 28.51 -8.03	203.53 14.99 -28.66	106.66 8.61 0.00
BAYONEEC___CTG7 323688	69.06 4.00 0.00	71.32 3.81 0.00	67.93 3.75 0.00	59.74 3.23 0.00	58.91 3.35 0.00	65.28 3.44 0.00	60.11 3.06 0.00	60.03 3.84 0.00	57.42 4.21 0.00	70.41 5.33 0.00	66.69 5.57 0.12	68.24 6.58 4.04	91.65 8.98 0.89	196.44 20.24 0.13	641.43 69.71 1.32	1133.83 93.76 -316.48	843.63 79.52 -111.09	1910.76 168.08 -391.52	2118.79 172.10 -555.73	1535.02 113.89 -486.30	621.78 61.31 -21.62	293.90 28.51 -8.03	203.53 14.99 -28.66	106.66 8.61 0.00



BAYONEEC___CTG8 323689	69.06 4.00 0.00	71.32 3.81 0.00	67.93 3.75 0.00	59.74 3.23 0.00	58.91 3.35 0.00	65.28 3.44 0.00	60.11 3.06 0.00	60.03 3.84 0.00	57.42 4.21 0.00	70.41 5.33 0.00	66.69 5.57 0.12	68.24 6.58 4.04	91.65 8.98 0.89	196.44 20.24 0.13	641.43 69.71 1.32	1133.83 93.76 -316.48	843.63 79.52 -111.09	1910.76 168.08 -391.52	2118.79 172.10 -555.73	1535.02 113.89 -486.30	621.78 61.31 -21.62	293.90 28.51 -8.03	203.53 14.99 -28.66	106.66 8.61 0.00
BAYONEEC___CTG9 323749	69.06 4.00 0.00	71.32 3.81 0.00	67.93 3.75 0.00	59.74 3.23 0.00	58.91 3.35 0.00	65.28 3.44 0.00	60.11 3.06 0.00	60.03 3.84 0.00	57.42 4.21 0.00	70.41 5.33 0.00	66.69 5.57 0.12	68.24 6.58 4.04	91.65 8.98 0.89	196.44 20.24 0.13	641.43 69.71 1.32	1133.83 93.76 -316.48	843.63 79.52 -111.09	1910.76 168.08 -391.52	2118.79 172.10 -555.73	1535.02 113.89 -486.30	621.78 61.31 -21.62	293.90 28.51 -8.03	203.53 14.99 -28.66	106.66 8.61 0.00
BEACON___LESR 323632	66.98 1.92 0.00	68.86 1.35 0.00	65.52 1.35 0.00	57.81 1.29 0.00	56.92 1.35 0.00	63.11 1.28 0.00	58.32 1.27 0.00	57.74 1.55 0.00	54.69 1.47 0.00	66.87 1.79 0.00	63.24 2.00 0.00	68.18 2.48 0.00	87.07 3.52 0.00	183.76 7.43 0.00	598.33 25.30 0.00	758.14 34.54 0.00	684.08 31.06 0.00	1430.59 75.98 -3.45	1581.55 83.15 -107.45	1520.59 53.48 -532.28	622.38 27.72 -55.82	291.28 13.18 -20.73	203.66 7.36 -36.42	102.01 3.96 0.00
BEAVER RIVER___HYD 24048	63.96 -1.09 0.00	66.13 -1.38 0.00	62.71 -1.46 0.00	55.17 -1.35 0.00	54.07 -1.49 0.00	60.45 -1.39 0.00	56.24 -0.82 0.00	55.57 -0.62 0.00	52.66 -0.55 0.00	64.11 -0.97 0.00	59.75 -1.49 0.00	63.96 -1.75 0.00	31.48 -3.27 48.80	9.25 -8.92 158.16	-193.64 -25.17 741.51	-294.62 -27.34 990.87	81.99 -27.34 543.69	238.21 -50.69 1062.26	399.02 -52.25 939.69	143.95 -12.54 778.34	352.06 -1.46 185.34	234.58 0.72 23.52	163.01 3.13 0.00	99.27 1.23 0.00
BEEBEE_GT_13 23619	66.13 1.07 0.00	68.03 0.52 0.00	64.08 -0.09 0.00	56.64 0.13 0.00	55.50 -0.06 0.00	62.17 0.34 0.00	57.42 0.36 0.00	56.45 0.26 0.00	53.92 0.71 0.00	66.97 1.89 0.00	63.98 2.74 0.00	69.09 3.38 0.00	88.69 5.14 0.00	185.70 9.37 0.00	600.38 27.35 0.00	748.89 25.27 -0.03	669.96 16.73 -0.22	1369.46 18.26 -0.05	1389.71 -1.61 -0.35	943.20 8.37 0.00	549.23 10.38 0.00	263.49 6.12 0.00	162.20 2.32 0.00	102.38 4.33 0.00
BENSHRST_27_KV_BENSHRST_1 355998	69.64 4.59 0.00	71.94 4.42 0.00	68.63 4.46 0.00	60.35 3.83 0.00	59.46 3.90 0.00	65.90 4.07 0.00	60.78 3.73 0.00	60.71 4.52 0.00	58.15 4.93 0.00	71.39 6.31 0.00	68.33 6.55 -0.54	90.48 7.61 -17.17	97.61 10.29 -3.77	199.89 23.00 -0.57	656.10 77.48 -5.59	1149.89 102.04 -324.25	851.20 87.09 -111.10	1922.74 179.14 -392.45	2128.81 182.08 -555.77	1544.17 123.01 -486.33	627.09 66.63 -21.62	297.13 31.74 -8.03	205.19 16.65 -28.66	113.91 9.94 -5.92
BETHLEHEM___GRP 23843	65.84 0.78 0.00	67.89 0.37 0.00	64.62 0.45 0.00	57.09 0.57 0.00	56.21 0.64 0.00	62.26 0.43 0.00	57.52 0.46 0.00	56.83 0.65 0.00	53.79 0.58 0.00	65.71 0.64 0.00	62.13 0.89 0.00	66.93 1.23 0.00	85.32 1.77 0.00	180.08 3.75 0.00	585.47 12.43 0.00	741.17 17.58 0.00	668.25 15.23 0.00	1396.01 41.45 -3.40	1717.86 48.06 -278.84	1488.80 28.94 -525.03	608.12 14.20 -55.07	284.63 6.81 -20.45	214.35 3.99 -50.48	100.24 2.19 0.00
BETHLEHEM___GS1 323560	65.85 0.79 0.00	67.88 0.37 0.00	64.61 0.44 0.00	57.09 0.57 0.00	56.21 0.64 0.00	62.25 0.42 0.00	57.51 0.46 0.00	56.84 0.65 0.00	53.79 0.58 0.00	65.72 0.64 0.00	62.14 0.90 0.00	66.93 1.23 0.00	85.32 1.77 0.00	180.12 3.79 0.00	585.43 12.39 0.00	741.38 17.78 0.00	668.15 15.13 0.00	1396.76 42.20 -3.40	1717.82 48.03 -278.84	1488.80 28.94 -525.03	608.12 14.21 -55.07	284.62 6.80 -20.45	214.33 3.97 -50.48	100.23 2.18 0.00
BETHLEHEM___GS2 323561	65.85 0.79 0.00	67.88 0.37 0.00	64.61 0.44 0.00	57.09 0.57 0.00	56.21 0.64 0.00	62.25 0.42 0.00	57.51 0.46 0.00	56.84 0.65 0.00	53.79 0.58 0.00	65.72 0.64 0.00	62.14 0.90 0.00	66.93 1.23 0.00	85.32 1.77 0.00	180.12 3.79 0.00	585.43 12.39 0.00	741.38 17.78 0.00	668.15 15.13 0.00	1396.76 42.20 -3.40	1717.82 48.03 -278.84	1488.80 28.94 -525.03	608.12 14.21 -55.07	284.62 6.80 -20.45	214.33 3.97 -50.48	100.23 2.18 0.00
BETHLEHEM___GS3 323562	65.85 0.79 0.00	67.88 0.37 0.00	64.61 0.44 0.00	57.09 0.57 0.00	56.21 0.64 0.00	62.25 0.42 0.00	57.51 0.46 0.00	56.84 0.65 0.00	53.79 0.58 0.00	65.72 0.64 0.00	62.14 0.90 0.00	66.93 1.23 0.00	85.32 1.77 0.00	180.12 3.79 0.00	585.43 12.39 0.00	741.38 17.78 0.00	668.15 15.13 0.00	1396.76 42.20 -3.40	1717.82 48.03 -278.84	1488.80 28.94 -525.03	608.12 14.21 -55.07	284.62 6.80 -20.45	214.33 3.97 -50.48	100.23 2.18 0.00
BETHLEHEM___STEEL 23779	64.47 -0.59 0.00	66.32 -1.19 0.00	62.19 -1.98 0.00	55.13 -1.39 0.00	53.88 -1.69 0.00	60.48 -1.35 0.00	55.90 -1.16 0.00	54.81 -1.38 0.00	52.51 -0.70 0.00	65.64 0.55 0.00	62.95 1.70 0.00	67.96 2.25 0.00	87.62 4.07 0.00	182.21 6.30 0.43	581.54 17.00 8.49	650.43 9.97 83.14	584.14 0.92 69.80	1129.91 -18.27 202.97	1195.44 -54.15 141.37	914.78 -24.67 -4.62	535.59 -7.03 -3.77	258.92 0.16 -1.40	162.40 -2.15 -4.67	101.35 3.30 0.00
BETHLHEM_115KV_TB1 79974	65.98 0.92 0.00	68.07 0.56 0.00	64.81 0.64 0.00	57.24 0.73 0.00	56.35 0.79 0.00	62.44 0.61 0.00	57.66 0.61 0.00	56.99 0.80 0.00	53.93 0.71 0.00	65.90 0.82 0.00	62.32 1.07 0.00	67.13 1.43 0.00	85.56 2.00 0.00	180.66 4.33 0.00	587.25 14.22 0.00	743.48 19.89 0.00	670.18 17.15 0.00	1399.55 45.10 -3.30	1717.79 51.33 -275.50	1474.28 31.26 -508.20	607.63 15.47 -53.32	284.73 7.56 -19.80	213.68 4.44 -49.37	100.51 2.47 0.00
BETHPAGE_CC_5 323564	78.79 4.11 -9.62	71.66 3.41 -0.74	67.43 3.26 0.00	59.91 3.40 0.00	59.31 3.75 0.00	65.64 3.81 0.00	60.49 3.44 0.00	61.04 4.29 -0.56	57.42 4.21 0.00	70.63 4.94 -0.61	70.09 5.72 -3.13	82.19 7.03 -9.46	116.63 9.46 -23.62	214.37 21.28 -16.76	695.21 73.57 -48.60	1343.62 98.99 -521.03	1178.58 84.73 -440.83	3735.46 183.28 -2201.02	4383.36 187.41 -2805.00	1925.01 122.10 -868.09	698.19 64.16 -95.18	297.10 27.20 -12.53	205.86 15.03 -30.95	106.83 8.78 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	64.63 -0.43 0.00	66.48 -1.04 0.00	62.29 -1.88 0.00	55.20 -1.31 0.00	53.95 -1.61 0.00	60.60 -1.24 0.00	56.04 -1.01 0.00	54.97 -1.22 0.00	52.70 -0.52 0.00	65.88 0.80 0.00	63.17 1.92 0.00	68.24 2.53 0.00	87.98 4.42 0.00	183.04 7.11 0.40	584.48 19.44 7.99	658.62 13.26 78.24	591.43 4.10 65.69	1149.57 -10.58 191.00	1213.44 -46.62 130.90	921.77 -19.98 -6.92	537.80 -4.87 -3.82	259.97 1.19 -1.42	163.03 -1.59 -4.74	101.61 3.56 0.00
BINGHAMTON___COGEN 23790	65.76 0.70 0.00	68.14 0.62 0.00	64.36 0.20 0.00	56.66 0.15 0.00	55.68 0.11 0.00	62.00 0.17 0.00	57.25 0.20 0.00	56.47 0.28 0.00	53.61 0.39 0.00	66.19 1.11 0.00	62.83 1.58 0.00	67.83 2.12 0.00	87.71 3.39 -0.77	185.13 7.11 -1.69	596.44 23.41 0.00	753.78 30.18 0.00	674.65 21.64 0.00	1394.07 42.42 -0.49	1491.75 30.98 -69.81	1033.14 22.95 -75.37	561.07 14.24 -7.98	269.13 8.79 -2.96	173.28 3.50 -9.90	101.02 2.97 0.00



BIXINCNT_115KV_LOAD 355685	64.45 -0.60 0.00	66.31 -1.21 0.00	61.68 -2.49 0.00	54.54 -1.98 0.00	53.23 -2.33 0.00	60.09 -1.74 0.00	56.37 -0.68 0.00	55.51 -0.68 0.00	53.18 -0.04 0.00	66.48 1.40 0.00	63.64 2.40 0.00	68.79 3.09 0.00	88.76 5.21 0.00	184.31 8.24 0.26	583.82 16.04 5.25	682.08 9.89 51.41	610.07 0.22 43.16	1214.12 -11.63 125.40	1276.70 -41.55 72.71	935.86 -18.05 -19.09	539.27 -3.65 -4.07	262.18 3.30 -1.51	164.33 -0.59 -5.05	101.86 3.81 0.00
BLACK RIVER___HYD 24047	64.41 -0.65 0.00	66.33 -1.19 0.00	62.81 -1.37 0.00	55.22 -1.29 0.00	54.12 -1.45 0.00	60.53 -1.30 0.00	56.32 -0.73 0.00	55.63 -0.56 0.00	52.75 -0.47 0.00	64.25 -0.83 0.00	59.83 -1.41 0.00	64.20 -1.51 0.00	47.78 -3.08 32.69	62.92 -8.88 104.54	49.34 -24.09 499.61	23.93 -32.15 667.52	254.72 -32.74 365.56	580.89 -56.02 714.25	713.10 -43.70 634.16	404.68 -3.08 527.07	421.85 8.28 125.28	247.02 5.54 15.89	165.87 5.98 0.00	100.91 2.86 0.00
BLACKRVR_115KV_TB2 79977	64.41 -0.65 0.00	66.33 -1.19 0.00	62.81 -1.36 0.00	55.23 -1.29 0.00	54.11 -1.45 0.00	60.53 -1.30 0.00	56.33 -0.72 0.00	55.63 -0.56 0.00	52.75 -0.47 0.00	64.25 -0.83 0.00	59.84 -1.40 0.00	64.20 -1.51 0.00	47.78 -3.09 32.69	62.88 -8.92 104.54	49.26 -24.17 499.61	23.92 -32.16 667.52	254.71 -32.75 365.56	581.24 -55.67 714.25	712.59 -44.21 634.16	404.68 -3.09 527.07	421.85 8.28 125.28	247.02 5.54 15.89	165.85 5.97 0.00	100.91 2.86 0.00
BLDWN_LI_69_KV_BK4 356085	111.30 4.86 -41.38	78.83 4.14 -7.18	68.08 3.91 0.00	60.33 3.82 0.00	59.63 4.07 0.00	66.04 4.21 0.00	60.85 3.80 0.00	62.64 4.74 -1.71	57.84 4.62 0.00	78.23 5.61 -7.54	77.19 6.26 -9.69	103.00 7.50 -29.80	146.65 10.06 -53.04	262.52 22.39 -63.80	830.09 76.86 -180.19	1849.45 103.02 -1022.83	1709.46 88.67 -967.77	4268.59 191.53 -2725.90	4973.52 193.66 -3388.90	2492.63 127.65 -1430.15	894.65 68.43 -287.37	324.84 29.62 -37.85	207.40 16.56 -30.95	107.78 9.73 0.00
BLISS_WT_PWR 323608	64.25 -0.81 0.00	66.12 -1.40 0.00	61.48 -2.69 0.00	54.28 -2.24 0.00	52.95 -2.62 0.00	59.89 -1.94 0.00	56.38 -0.67 0.00	55.54 -0.65 0.00	53.21 0.00 0.00	66.52 1.44 0.00	63.67 2.43 0.00	68.85 3.14 0.00	88.85 5.30 0.00	184.17 8.10 0.26	580.73 12.95 5.25	679.40 7.22 51.41	608.20 -1.65 43.16	1210.76 -15.00 125.40	1272.01 -46.24 72.71	932.45 -21.46 -19.09	537.99 -4.93 -4.07	261.65 2.77 -1.51	164.08 -0.85 -5.05	101.74 3.69 0.00
BLUESTONE___WT_PWR 323821	66.51 1.45 0.00	69.21 1.69 0.00	65.64 1.47 0.00	58.17 1.66 0.00	56.97 1.41 0.00	63.46 1.63 0.00	58.98 1.93 0.00	58.06 1.88 0.00	55.48 2.27 0.00	68.62 3.54 0.00	65.35 4.11 0.00	70.25 4.55 0.00	89.88 5.66 -0.67	190.09 12.29 -1.47	607.36 34.33 0.00	777.87 54.27 0.00	702.14 49.12 0.00	1449.46 97.58 -0.72	1586.68 93.23 -102.49	1117.61 72.50 -110.28	589.38 38.90 -11.64	276.82 15.12 -4.32	180.75 6.43 -14.44	103.09 5.04 0.00
BLUE_CIRC_CHEM_DRP 24182	65.29 0.23 0.00	67.52 0.00 0.00	64.34 0.17 0.00	56.76 0.24 0.00	55.89 0.33 0.00	62.00 0.17 0.00	57.11 0.06 0.00	56.19 0.00 0.00	53.01 -0.21 0.00	64.66 -0.42 20.50	40.58 -0.16 0.00	65.69 -0.01 0.00	83.66 0.10 0.00	176.61 0.28 0.00	573.95 0.92 0.00	725.73 2.13 0.00	654.91 1.89 0.00	1367.83 13.85 -2.83	1624.49 22.35 -211.18	1384.56 14.65 -435.08	591.78 7.21 -45.72	278.08 3.73 -16.98	202.59 2.38 -40.33	99.25 1.20 0.00
BOC_GAS_DRP 24189	66.18 1.12 0.00	68.45 0.93 0.00	65.21 1.04 0.00	57.49 0.98 0.00	56.61 1.05 0.00	62.81 0.98 0.00	57.92 0.87 0.00	57.22 1.04 0.00	54.16 0.94 0.00	66.23 1.15 -1.31	63.96 1.41 0.00	67.47 1.77 0.00	85.97 2.41 0.00	181.49 5.16 0.00	590.39 17.35 0.00	747.05 23.46 0.00	673.21 20.19 0.00	1402.51 48.66 -2.70	1701.40 53.48 -256.96	1382.50 33.02 -414.65	599.47 17.02 -43.61	282.02 8.46 -16.19	208.02 4.95 -43.19	100.87 2.83 0.00
BOONVILLE_115KV_TB1 79983	65.75 0.69 0.00	68.00 0.48 0.00	64.49 0.32 0.00	56.74 0.23 0.00	55.73 0.16 0.00	62.15 0.32 0.00	57.60 0.55 0.00	56.94 0.75 0.00	54.00 0.78 0.00	66.02 0.94 0.00	62.01 0.77 0.00	66.66 0.96 0.00	68.17 1.05 16.44	249.96 1.84 -71.79	930.35 8.13 -349.18	1216.41 14.21 -478.60	927.17 10.51 -263.63	1889.77 23.51 -515.11	1843.84 15.37 -437.50	1269.09 26.03 -308.24	643.65 17.33 -87.47	277.88 9.01 -11.50	165.56 5.68 0.00	101.20 3.15 0.00
BORALEX_4TH_BRANCH 23824	68.49 3.43 0.00	70.46 2.95 0.00	67.00 2.83 0.00	59.09 2.58 0.00	58.22 2.66 0.00	64.68 2.85 0.00	59.51 2.46 0.00	59.10 2.91 0.00	55.80 2.59 0.00	67.91 2.83 0.00	64.30 3.05 0.00	69.18 3.48 0.00	88.31 4.75 0.00	186.16 9.83 0.00	601.83 28.80 0.00	811.92 35.60 -52.72	705.47 34.03 -18.42	1509.30 89.23 -68.91	2287.68 100.44 -796.28	1690.50 62.54 -693.13	639.54 33.03 -67.66	298.89 16.40 -25.12	266.06 11.04 -95.15	104.10 6.05 0.00
BOWLINE___1 23526	68.45 3.39 0.00	70.62 3.11 0.00	67.15 2.98 0.00	59.11 2.60 0.00	58.22 2.66 0.00	64.52 2.69 0.00	59.46 2.41 0.00	59.27 3.08 0.00	56.53 3.31 0.00	69.28 4.20 0.00	65.91 4.67 0.00	71.26 5.55 0.00	91.24 7.69 0.00	193.67 17.34 0.00	632.50 59.46 0.00	1097.20 80.55 -293.05	824.49 69.09 -102.38	1859.67 147.41 -361.10	2062.16 149.82 -521.38	1492.06 99.19 -458.04	612.99 53.18 -20.97	290.01 24.85 -7.79	201.06 13.46 -27.72	105.82 7.77 0.00
BOWLINE___2 23595	68.34 3.28 0.00	70.50 2.99 0.00	67.04 2.87 0.00	59.01 2.50 0.00	58.12 2.56 0.00	64.41 2.58 0.00	59.36 2.31 0.00	59.19 3.00 0.00	56.44 3.23 0.00	69.18 4.10 0.00	65.80 4.56 0.00	71.15 5.45 0.00	91.11 7.55 0.00	193.38 17.04 0.00	631.49 58.46 0.00	1095.83 79.12 -293.12	823.57 68.15 -102.41	1857.20 144.86 -361.19	2059.81 147.38 -521.47	1490.60 97.65 -458.12	612.14 52.32 -20.97	289.51 24.35 -7.79	200.79 13.19 -27.72	105.64 7.59 0.00
BRADY___115KV_TB2 356060	65.46 0.40 0.00	68.18 0.67 0.00	64.75 0.58 0.00	56.96 0.45 0.00	55.91 0.34 0.00	62.46 0.62 0.00	57.69 0.63 0.00	56.15 -0.04 0.00	52.67 -0.54 0.00	63.84 -1.24 0.00	59.27 -1.98 0.00	62.61 -3.10 0.00	-93.39 -5.24 171.71	52.31 -11.33 112.69	163.54 -37.18 372.32	236.74 -44.86 441.99	309.86 -34.43 308.73	695.08 -54.65 601.43	937.87 -56.42 396.67	457.18 -37.20 440.45	469.69 -17.69 51.47	244.23 -8.15 4.99	157.05 -2.83 0.00	95.07 -2.98 0.00
BRANSCOMB___SOLAR 323811	68.54 3.48 0.00	70.68 3.17 0.00	67.19 3.02 0.00	59.21 2.69 0.00	58.52 2.95 0.00	65.07 3.24 0.00	59.95 2.90 0.00	59.29 3.10 0.00	55.93 2.72 0.00	68.25 3.17 0.00	64.55 3.31 0.00	69.57 3.86 0.00	88.76 5.21 0.00	187.35 11.02 0.00	607.61 34.58 0.00	784.45 45.76 -15.09	700.64 42.34 -5.27	1480.80 105.84 -23.80	2401.70 119.53 -891.21	1844.05 79.95 -829.27	668.25 44.12 -85.28	310.16 21.13 -31.67	287.44 12.60 -114.96	105.04 6.99 0.00
BRDGHMPT_69_KV_BK1 55812	69.41 5.00 0.64	71.02 4.84 1.34	69.17 5.00 0.00	61.84 5.33 0.00	61.24 5.68 0.00	67.65 5.82 0.00	62.37 5.32 0.00	62.69 6.31 -0.19	59.18 5.96 0.00	69.99 6.39 1.48	69.82 7.57 -1.01	93.15 9.87 -17.57	157.97 12.53 -61.89	289.14 27.87 -84.94	673.18 92.00 -8.14	1203.09 112.68 -366.82	1013.82 90.44 -270.36	3551.61 188.74 -2011.71	4189.38 192.09 -2606.33	1752.35 125.11 -692.42	636.48 60.12 -37.51	286.34 24.38 -4.60	210.63 14.31 -36.44	114.42 10.88 -5.49



BRENTWOD_69_KV_W. BRTWOOD 56703	70.12 -4.67 -0.39	70.20 3.81 1.13	67.84 3.67 0.00	60.34 3.83 0.00	59.83 4.27 0.00	66.21 4.38 0.00	61.05 4.00 0.00	61.27 4.86 -0.23	57.82 4.60 -0.01	69.15 5.24 1.17	68.65 6.17 -1.24	79.45 7.56 -6.18	122.31 9.64 -29.12	201.61 21.36 -3.92	657.10 71.72 -12.35	1202.77 96.49 -382.69	1021.82 81.30 -287.50	3563.16 179.21 -2032.79	4204.33 185.49 -2627.88	1765.53 119.93 -710.76	643.40 61.27 -43.28	287.88 25.16 -5.35	206.21 14.41 -31.92	107.80 8.78 -0.97
BRISTLHL_115KV_TB1 79998	64.17 -0.88 0.00	66.34 -1.17 0.00	62.86 -1.31 0.00	55.36 -1.15 0.00	54.39 -1.17 0.00	60.55 -1.28 0.00	55.90 -1.15 0.00	55.10 -1.09 0.00	52.26 -0.95 0.00	64.21 -0.87 0.00	60.73 -0.51 0.00	65.38 -0.33 0.00	82.72 -0.14 0.70	175.74 -0.64 -0.04	534.50 -3.24 35.30	670.09 -7.12 46.39	620.30 -7.95 24.78	1279.86 -22.87 48.43	1315.68 -29.21 46.07	874.91 -18.27 41.65	520.92 -8.63 9.30	252.38 -3.82 1.16	157.68 -2.20 0.00	97.29 -0.76 0.00
BROOKHAVEN___DRP 24191	68.75 4.36 0.67	69.76 3.60 1.35	67.69 3.52 0.00	60.29 3.78 0.00	59.76 4.19 0.00	66.10 4.27 0.00	60.86 3.81 0.00	61.14 4.76 -0.19	57.71 4.49 0.00	68.11 4.52 1.49	67.99 5.74 -1.01	90.22 7.23 -17.28	153.67 9.56 -60.56	279.14 21.17 -81.64	649.73 68.65 -8.05	1180.23 90.17 -366.46	995.41 72.40 -269.99	3520.03 157.62 -2011.25	4160.72 163.90 -2605.86	1734.10 107.23 -692.04	628.29 52.04 -37.39	282.56 20.60 -4.59	208.62 12.39 -36.35	112.29 8.84 -5.40
BROOKLYN_NAVY_YARD 23515	69.06 4.00 0.00	71.35 3.83 0.00	67.93 3.76 0.00	59.73 3.22 0.00	58.89 3.32 0.00	65.28 3.45 0.00	60.15 3.10 0.00	60.10 3.91 0.00	57.49 4.27 0.00	70.49 5.41 0.00	66.87 5.62 0.00	72.41 6.65 -0.05	93.09 9.11 -0.42	199.55 20.58 -2.64	650.73 70.99 -6.70	1156.35 96.49 -336.26	865.49 82.05 -130.41	1968.95 173.12 -444.68	2193.66 176.72 -625.98	1592.21 116.56 -540.82	631.22 63.08 -29.30	296.01 29.14 -9.50	203.80 15.26 -28.66	106.77 8.72 0.00
BROOKLYN___ARMY_DRP 323595	69.03 3.97 0.00	71.33 3.82 0.00	68.07 3.90 0.00	59.88 3.37 0.00	59.02 3.46 0.00	65.39 3.57 0.00	60.30 3.25 0.00	60.21 4.02 0.00	57.62 4.40 0.00	70.69 5.61 0.00	67.24 5.86 -0.14	76.99 6.83 -4.46	93.79 9.25 -0.98	197.31 20.83 -0.15	644.85 70.37 -1.45	1135.90 92.74 -319.56	842.86 78.74 -111.10	1904.51 162.00 -391.35	2111.22 164.50 -555.77	1532.09 110.93 -486.33	620.53 60.06 -21.62	293.87 28.48 -8.03	203.27 14.73 -28.66	112.78 8.81 -5.92
BROOME_2_LFGE 323671	65.76 0.70 0.00	68.14 0.62 0.00	64.39 0.21 0.00	56.66 0.15 0.00	55.68 0.11 0.00	62.00 0.17 0.00	57.25 0.20 0.00	56.46 0.27 0.00	53.61 0.39 0.00	66.19 1.11 0.00	62.82 1.58 0.00	67.83 2.12 0.00	87.72 3.40 -0.77	185.14 7.12 -1.69	596.28 23.24 0.00	753.50 29.90 0.00	674.60 21.58 0.00	1393.71 42.06 -0.49	1491.49 30.72 -69.81	1033.06 22.86 -75.37	561.20 14.37 -7.98	269.11 8.78 -2.96	173.28 3.50 -9.90	101.02 2.97 0.00
BROOME___LFGE 323600	65.76 0.70 0.00	68.14 0.62 0.00	64.39 0.21 0.00	56.66 0.15 0.00	55.68 0.11 0.00	62.00 0.17 0.00	57.25 0.20 0.00	56.46 0.27 0.00	53.61 0.39 0.00	66.19 1.11 0.00	62.82 1.58 0.00	67.83 2.12 0.00	87.72 3.40 -0.77	185.14 7.12 -1.69	596.28 23.24 0.00	753.50 29.90 0.00	674.60 21.58 0.00	1393.71 42.06 -0.49	1491.49 30.72 -69.81	1033.06 22.86 -75.37	561.20 14.37 -7.98	269.11 8.78 -2.96	173.28 3.50 -9.90	101.02 2.97 0.00
BROWNFLS_115KV_TB_3_5 80003	63.84 -1.22 0.00	66.22 -1.29 0.00	62.85 -1.32 0.00	55.28 -1.24 0.00	54.21 -1.35 0.00	60.58 -1.25 0.00	56.24 -0.82 0.00	55.30 -0.89 0.00	52.24 -0.98 0.00	63.46 -1.62 0.00	59.06 -2.18 0.00	62.70 -3.01 0.00	-10.23 -5.08 88.70	25.49 -12.39 138.45	-57.05 -37.84 592.25	-93.29 -44.23 772.65	163.69 -39.05 450.28	399.05 -73.07 879.05	596.84 -74.81 719.31	269.11 -37.40 628.31	390.61 -16.81 131.42	234.71 -6.51 16.15	158.70 -1.18 0.00	96.38 -1.67 0.00
BROWNSV1_27_KV_LOAD 356125	70.23 5.17 0.00	72.49 4.97 0.00	69.00 4.83 0.00	60.64 4.13 0.00	59.80 4.23 0.00	66.28 4.45 0.00	61.11 4.06 0.00	61.05 4.86 0.00	58.43 5.21 0.00	71.70 6.62 0.00	68.07 6.82 0.00	73.65 7.94 0.00	94.33 10.78 0.00	200.46 24.13 0.00	655.48 82.44 0.00	1151.19 109.62 -317.97	857.37 93.26 -111.09	1940.23 197.32 -391.75	2147.63 200.94 -555.73	1554.62 133.49 -486.30	633.19 72.73 -21.62	299.44 34.04 -8.03	206.83 18.29 -28.66	108.67 10.62 0.00
BURROWS___LYONSDAL 23803	65.14 0.08 0.00	67.38 -0.14 0.00	63.92 -0.25 0.00	56.22 -0.30 0.00	55.18 -0.39 0.00	61.57 -0.26 0.00	57.15 0.10 0.00	56.53 0.34 0.00	53.62 0.40 0.00	65.48 0.40 0.00	61.41 0.17 0.00	65.98 0.27 0.00	60.36 -0.02 23.18	172.82 -0.71 2.80	567.01 0.59 6.62	786.38 5.77 -57.01	655.70 2.68 0.00	1357.93 6.77 0.00	1376.10 -2.91 11.95	910.03 16.99 41.79	549.69 12.68 1.84	264.31 6.94 0.00	164.68 4.80 0.00	100.62 2.58 0.00
CAITHNESS_CC_1 323624	68.41 4.04 0.69	69.47 3.30 1.35	67.40 3.23 0.00	60.10 3.59 0.00	59.58 4.02 0.00	65.88 4.05 0.00	60.68 3.63 0.00	60.88 4.51 -0.19	57.50 4.28 0.00	67.99 4.40 1.49	67.84 5.60 -1.00	89.74 7.05 -16.99	152.05 9.27 -59.23	275.13 20.47 -78.33	648.55 67.56 -7.95	1178.26 88.55 -366.11	994.53 71.88 -269.62	3519.23 157.28 -2010.79	4159.62 163.26 -2605.40	1733.22 106.73 -691.66	628.35 52.23 -37.27	282.69 20.75 -4.57	208.47 12.34 -36.25	112.01 8.66 -5.31
CALPINE BETH_PAGE_GT4 24209	83.37 4.21 -14.10	72.63 3.47 -1.65	67.48 3.31 0.00	59.89 3.38 0.00	59.27 3.71 0.00	65.62 3.79 0.00	60.44 3.39 0.00	61.22 4.30 -0.73	57.40 4.18 0.00	71.56 4.96 -1.52	71.07 5.77 -4.05	84.91 7.07 -12.13	120.40 9.55 -27.29	221.00 21.63 -23.04	713.23 73.95 -66.25	1411.17 99.56 -588.01	1252.93 85.27 -514.65	3821.30 184.51 -2285.63	4472.19 187.84 -2893.39	2002.39 122.57 -944.99	723.82 64.71 -120.26	300.88 27.50 -16.00	206.12 15.29 -30.95	106.95 8.90 0.00
CALPINE_BETH_PAGE_GT_4 323586	83.26 4.10 -14.10	72.56 3.40 -1.65	67.39 3.22 0.00	59.89 3.38 0.00	59.28 3.72 0.00	65.60 3.77 0.00	60.45 3.39 0.00	61.17 4.26 -0.73	57.40 4.18 0.00	71.56 4.96 -1.52	71.05 5.75 -4.05	84.91 7.07 -12.13	120.34 9.50 -27.29	220.78 21.41 -23.04	713.24 73.95 -66.25	1411.16 99.55 -588.01	1252.88 85.22 -514.65	3820.77 183.99 -2285.63	4471.85 187.49 -2893.39	2002.22 122.40 -944.99	723.71 64.60 -120.26	300.93 27.56 -16.00	206.08 15.26 -30.95	106.95 8.90 0.00
CALPINE_BP_GT1 23823	83.26 4.10 -14.10	72.56 3.40 -1.65	67.39 3.22 0.00	59.89 3.38 0.00	59.28 3.72 0.00	65.60 3.77 0.00	60.45 3.39 0.00	61.17 4.26 -0.73	57.40 4.18 0.00	71.56 4.96 -1.52	71.05 5.75 -4.05	84.91 7.07 -12.13	120.34 9.50 -27.29	220.78 21.41 -23.04	713.24 73.95 -66.25	1411.16 99.55 -588.01	1252.88 85.22 -514.65	3820.77 183.99 -2285.63	4471.85 187.49 -2893.39	2002.22 122.40 -944.99	723.71 64.60 -120.26	300.93 27.56 -16.00	206.08 15.26 -30.95	106.95 8.90 0.00
CALSPAN___DRP 24200	64.47 -0.59 0.00	66.32 -1.19 0.00	62.19 -1.98 0.00	55.13 -1.39 0.00	53.88 -1.69 0.00	60.48 -1.35 0.00	55.90 -1.16 0.00	54.81 -1.38 0.00	52.51 -0.70 0.00	65.64 0.55 0.00	62.95 1.70 0.00	67.96 2.25 0.00	87.62 4.07 0.00	182.21 6.30 0.43	581.54 17.00 8.49	650.43 9.97 83.14	584.14 0.92 69.80	1129.91 -18.27 202.97	1195.44 -54.15 141.37	914.78 -24.67 -4.62	535.59 -7.03 -3.77	258.92 0.16 -1.40	162.40 -2.15 -4.67	101.35 3.30 0.00



CALVERTON___SOLAR 323806	68.84 4.44 0.66	69.93 3.76 1.34	67.84 3.67 0.00	60.53 4.02 0.00	59.99 4.42 0.00	66.32 4.49 0.00	61.09 4.04 0.00	61.34 4.96 -0.19	57.94 4.73 0.00	68.31 4.72 1.49	68.18 5.94 -1.01	90.64 7.55 -17.39	154.48 9.87 -61.06	281.08 21.87 -82.88	653.22 72.11 -8.08	1183.23 93.06 -366.57	997.62 74.49 -270.10	3523.14 160.59 -2011.39	4163.63 166.67 -2606.00	1736.32 109.34 -692.15	629.04 52.76 -37.43	282.95 20.99 -4.59	208.86 12.59 -36.38	112.63 9.15 -5.44
CANDIGU_WT_PWR 323617	63.79 -1.27 0.00	66.10 -1.41 0.00	61.84 -2.33 0.00	54.29 -2.22 0.00	53.14 -2.42 0.00	59.36 -2.47 0.00	54.97 -2.09 0.00	54.18 -2.01 0.00	51.80 -1.42 0.00	64.66 -0.42 0.00	61.56 0.32 0.00	66.32 0.61 0.00	85.63 1.62 -0.45	176.15 1.57 1.75	521.19 2.78 54.63	189.51 1.18 535.26	195.95 -7.33 449.74	20.34 -22.97 1307.85	277.72 -39.99 1073.25	773.40 -13.93 147.50	543.26 -0.77 -5.18	262.35 3.06 -1.92	165.34 -0.96 -6.42	100.09 2.05 0.00
CARR STREET_E_SYR 24060	65.06 0.00 0.00	67.25 -0.27 0.00	63.70 -0.48 0.00	56.09 -0.42 0.00	55.12 -0.44 0.00	61.43 -0.40 0.00	56.69 -0.36 0.00	55.90 -0.29 0.00	53.09 -0.12 0.00	65.31 0.23 0.00	61.86 0.62 0.00	66.63 0.92 0.00	82.69 1.55 2.42	181.12 3.05 -1.74	581.12 9.06 0.97	732.59 9.00 0.00	659.06 6.04 0.00	1358.28 7.12 0.00	1388.73 -0.48 1.76	929.75 1.06 6.14	540.93 2.36 0.27	258.83 1.46 0.00	160.52 0.64 0.00	99.09 1.04 0.00
CARTHAGE___PAPER 23857	64.55 -0.51 0.00	66.63 -0.89 0.00	63.14 -1.03 0.00	55.52 -0.99 0.00	54.42 -1.15 0.00	60.85 -0.98 0.00	56.64 -0.42 0.00	55.94 -0.26 0.00	52.95 -0.26 0.00	64.37 -0.70 0.00	59.89 -1.35 0.00	64.15 -1.55 0.00	41.19 -3.44 38.92	40.52 -10.53 125.28	-52.37 -32.21 593.20	-107.82 -38.80 792.61	180.89 -37.66 434.47	438.01 -64.26 848.88	578.81 -59.80 752.36	295.39 -15.16 624.28	390.52 0.19 148.51	239.65 1.12 18.84	165.21 5.33 0.00	100.50 2.46 0.00
CASSADAGA_WT_PWR 323784	64.03 -1.03 0.00	65.82 -1.70 0.00	61.27 -2.90 0.00	54.30 -2.21 0.00	53.18 -2.39 0.00	59.56 -2.27 0.00	55.60 -1.45 0.00	54.97 -1.22 0.00	53.19 -0.03 0.00	66.89 1.81 0.00	63.81 2.57 0.00	68.98 3.28 0.00	89.08 5.53 0.00	185.02 8.95 0.27	593.26 25.51 5.29	697.04 25.22 51.78	620.80 11.25 43.47	1231.22 6.36 126.30	1291.99 -24.88 74.09	955.61 2.50 -18.28	549.85 7.00 -4.00	265.77 6.91 -1.48	167.59 2.75 -4.96	103.61 5.56 0.00
CE_DUNWOOD___DRP 24194	68.88 3.82 0.00	71.10 3.59 0.00	67.65 3.48 0.00	59.54 3.02 0.00	58.67 3.11 0.00	65.04 3.21 0.00	59.95 2.90 0.00	59.80 3.61 0.00	57.05 3.83 0.00	69.95 4.87 0.00	66.46 5.22 0.00	71.89 6.18 0.00	92.03 8.48 0.00	195.39 19.06 0.00	638.01 64.98 0.00	1128.30 87.38 -317.32	839.19 75.30 -110.86	1902.66 160.56 -390.94	2109.11 163.57 -554.59	1527.96 107.82 -485.32	618.19 57.76 -21.57	292.25 26.87 -8.01	202.99 14.51 -28.60	106.46 8.41 0.00
CE_MILLWOOD___DRP 24193	68.74 3.68 0.00	70.93 3.41 0.00	67.49 3.32 0.00	59.39 2.88 0.00	58.53 2.97 0.00	64.88 3.05 0.00	59.80 2.75 0.00	59.62 3.43 0.00	56.86 3.65 0.00	69.70 4.63 0.00	66.25 5.00 0.00	71.64 5.93 0.00	91.71 8.16 0.00	194.70 18.37 0.00	635.66 62.63 0.00	1123.09 84.48 -315.01	835.77 72.69 -110.05	1894.47 155.21 -388.10	2100.42 158.26 -551.20	1521.71 104.39 -482.49	616.33 55.99 -21.49	291.37 26.02 -7.98	202.51 14.14 -28.48	106.21 8.16 0.00
CE_NYC2_DRP 24202	68.93 3.87 0.00	71.28 3.77 0.00	68.00 3.83 0.00	59.81 3.30 0.00	58.99 3.43 0.00	65.37 3.54 0.00	60.26 3.21 0.00	60.13 3.95 0.00	57.47 4.25 0.00	70.41 5.33 0.00	66.88 5.48 -0.16	77.29 6.45 -5.13	93.50 8.83 -1.13	196.46 19.96 -0.17	643.23 68.53 -1.67	1134.59 91.19 -319.81	841.78 77.66 -111.10	1907.11 163.87 -392.08	2115.27 168.54 -555.77	1532.99 111.83 -486.33	620.40 59.94 -21.62	293.54 28.14 -8.03	203.24 14.70 -28.66	106.54 8.50 0.00
CE_NYC_DRP 24195	69.25 4.19 0.00	71.52 4.01 0.00	68.12 3.94 0.00	59.89 3.38 0.00	59.05 3.49 0.00	65.43 3.60 0.00	60.30 3.25 0.00	60.24 4.06 0.00	57.65 4.43 0.00	70.70 5.62 0.00	67.09 5.84 0.00	72.56 6.86 0.00	92.92 9.36 0.00	197.38 21.05 0.00	645.35 72.31 0.00	1138.68 97.11 -317.97	846.74 82.63 -111.09	1917.57 174.67 -391.74	2124.78 178.10 -555.72	1538.87 117.75 -486.29	623.92 63.46 -21.62	294.83 29.43 -8.03	204.07 15.54 -28.66	106.97 8.93 0.00
CHAFFEE___LFGE 323603	64.79 -0.27 0.00	66.67 -0.84 0.00	62.53 -1.64 0.00	55.36 -1.16 0.00	54.15 -1.41 0.00	60.81 -1.03 0.00	56.19 -0.86 0.00	55.11 -1.08 0.00	52.81 -0.41 0.00	66.01 0.93 0.00	63.30 2.06 0.00	68.44 2.73 0.00	88.29 4.74 0.00	183.84 7.85 0.34	588.02 21.84 6.85	674.54 18.04 67.10	605.28 8.60 56.34	1186.47 -0.93 163.76	1244.68 -39.49 106.79	931.68 -15.07 -11.91	540.63 -2.14 -3.91	261.20 2.38 -1.45	163.85 -0.89 -4.86	101.91 3.86 0.00
CHATEAUG_35_KV_LOAD 355732	63.21 -1.85 0.00	66.21 -1.31 0.00	63.05 -1.13 0.00	55.47 -1.05 0.00	54.29 -1.27 0.00	60.54 -1.30 0.00	56.08 -0.98 0.00	55.24 -0.95 0.00	52.02 -1.19 0.00	63.15 -1.93 0.00	58.95 -2.29 0.00	62.81 -2.89 0.00	61.46 -4.58 17.51	87.69 -9.58 79.05	260.87 -30.82 281.35	310.59 -36.24 376.77	345.93 -26.28 280.81	749.82 -54.67 546.66	1085.24 -58.67 247.05	788.38 -43.66 102.79	496.82 -19.56 22.47	243.93 -10.64 2.79	154.53 -5.35 0.00	94.12 -3.93 0.00
CHATEAUG_WT_PWR 323614	63.12 -1.94 0.00	66.14 -1.38 0.00	63.02 -1.15 0.00	55.45 -1.07 0.00	54.28 -1.29 0.00	60.50 -1.33 0.00	56.03 -1.02 0.00	55.28 -0.90 0.00	52.14 -1.08 0.00	63.36 -1.72 0.00	59.20 -2.05 0.00	63.08 -2.63 0.00	73.21 -4.22 6.12	92.52 -8.77 75.04	278.86 -28.66 265.51	330.75 -33.31 359.54	353.77 -25.81 273.44	766.10 -52.86 532.20	1111.05 -57.59 222.33	825.98 -43.50 65.34	502.31 -19.45 17.09	244.67 -10.49 2.21	154.61 -5.27 0.00	94.13 -3.92 0.00
CHAT_HIGH_FALL_HYD 323578	63.21 -1.85 0.00	66.21 -1.31 0.00	63.05 -1.13 0.00	55.47 -1.05 0.00	54.29 -1.27 0.00	60.54 -1.30 0.00	56.08 -0.98 0.00	55.24 -0.95 0.00	52.02 -1.19 0.00	63.15 -1.93 0.00	58.95 -2.29 0.00	62.81 -2.89 0.00	61.46 -4.58 17.51	87.69 -9.58 79.05	260.87 -30.82 281.35	310.59 -36.24 376.77	345.93 -26.28 280.81	749.82 -54.67 546.66	1085.24 -58.67 247.05	788.38 -43.66 102.79	496.82 -19.56 22.47	243.93 -10.64 2.79	154.53 -5.35 0.00	94.12 -3.93 0.00
CHAUTAUQUA___LFGE 323629	64.42 -0.64 0.00	66.41 -1.10 0.00	62.01 -2.16 0.00	54.90 -1.61 0.00	53.73 -1.83 0.00	60.20 -1.63 0.00	55.87 -1.18 0.00	55.03 -1.17 0.00	52.88 -0.34 0.00	66.33 1.26 0.00	63.42 2.18 0.00	68.61 2.90 0.00	88.69 5.14 0.00	184.65 8.65 0.33	591.13 24.65 6.55	684.17 24.67 64.10	610.18 10.98 53.82	1199.66 4.93 156.43	1261.44 -28.81 100.71	942.57 -5.09 -12.83	545.93 3.18 -3.90	264.64 5.82 -1.45	165.96 1.25 -4.84	102.82 4.78 0.00
CHERRYST_13_KV_LD 356241	69.52 4.47 0.00	71.82 4.31 0.00	68.37 4.20 0.00	60.12 3.60 0.00	59.27 3.70 0.00	65.70 3.87 0.00	60.57 3.52 0.00	60.53 4.34 0.00	57.92 4.71 0.00	71.08 6.00 0.00	67.46 6.22 0.00	72.96 7.25 0.00	93.42 9.87 0.00	198.52 22.19 0.00	648.81 75.77 0.00	1142.92 101.35 -317.97	850.33 86.22 -111.09	1925.36 182.46 -391.74	2131.91 185.22 -555.72	1543.48 122.36 -486.29	626.43 65.96 -21.62	296.08 30.68 -8.03	204.80 16.26 -28.66	107.43 9.38 0.00



CHESTROR_138KV_BK263 355645	68.20 3.14 0.00	70.41 2.89 0.00	66.94 2.76 0.00	58.91 2.40 0.00	57.99 2.43 0.00	64.31 2.48 0.00	59.29 2.24 0.00	59.00 2.81 0.00	56.16 2.94 0.00	68.83 3.75 0.00	65.41 4.17 0.00	70.69 4.98 0.00	90.41 6.86 0.00	191.78 15.45 0.00	625.96 52.93 0.00	1054.59 71.72 -259.27	805.87 62.27 -90.58	1803.81 133.08 -319.57	2001.43 135.77 -474.69	1444.60 90.01 -419.76	607.45 48.51 -20.09	287.47 22.64 -7.46	198.65 12.34 -26.43	105.22 7.18 0.00
CH_MIDHUDSON___DRP 24192	68.77 3.71 0.00	70.94 3.42 0.00	67.47 3.30 0.00	59.38 2.87 0.00	58.48 2.92 0.00	64.85 3.01 0.00	59.80 2.74 0.00	59.57 3.38 0.00	56.71 3.49 0.00	69.61 4.53 0.00	66.15 4.91 0.00	71.53 5.83 0.00	91.49 7.93 0.00	194.05 17.72 0.00	633.41 60.38 0.00	1094.58 80.93 -290.06	825.03 70.67 -101.34	1861.86 153.19 -357.51	2075.14 156.57 -527.61	1504.94 102.26 -467.85	616.00 54.87 -22.28	291.21 25.56 -8.27	203.15 14.09 -29.17	106.22 8.18 0.00
CH_MISC_IPPS 23765	69.12 4.06 0.00	71.26 3.74 0.00	67.72 3.55 0.00	59.57 3.06 0.00	58.66 3.10 0.00	65.04 3.21 0.00	59.99 2.94 0.00	59.80 3.61 0.00	56.97 3.76 0.00	69.95 4.87 0.00	66.53 5.29 0.00	71.95 6.24 0.00	92.03 8.47 0.00	195.34 19.01 0.00	637.68 64.65 0.00	1088.71 87.12 -278.00	826.46 76.32 -97.12	1857.97 164.13 -342.68	2067.99 167.63 -509.40	1497.78 109.90 -453.05	619.75 59.05 -21.85	292.92 27.44 -8.11	203.42 15.02 -28.53	106.87 8.82 0.00
CH_RES_BVR_FALLS 23983	63.78 -1.28 0.00	66.65 -0.87 0.00	63.44 -0.74 0.00	55.81 -0.70 0.00	54.80 -0.77 0.00	61.08 -0.75 0.00	56.49 -0.56 0.00	55.64 -0.55 0.00	52.66 -0.56 0.00	64.19 -0.89 0.00	60.09 -1.16 0.00	64.23 -1.47 0.00	67.37 -2.45 13.74	-11.71 -5.17 182.87	-36.83 -15.49 594.37	-37.97 -19.02 742.55	-36.51 -17.57 671.96	7.74 -36.73 1306.69	945.28 -36.11 409.58	918.29 -23.83 -7.29	525.50 -13.67 -0.32	250.99 -6.39 0.00	156.18 -3.70 0.00	95.47 -2.57 0.00
CH_RES_NIAGARA 23895	62.61 -2.45 0.00	64.58 -2.93 0.00	60.73 -3.44 0.00	53.94 -2.57 0.00	52.68 -2.88 0.00	59.24 -2.59 0.00	54.60 -2.46 0.00	53.31 -2.88 0.00	51.04 -2.18 0.00	63.70 -1.38 0.00	61.17 -0.08 0.00	65.94 0.23 0.00	84.75 1.19 0.00	175.21 -0.78 0.34	557.88 -8.41 6.75	632.29 -25.22 66.09	569.98 -27.55 55.49	1100.94 -88.90 161.32	1154.59 -127.36 109.01	868.90 -73.76 -7.83	509.41 -32.87 -3.44	245.94 -12.70 -1.28	154.57 -9.57 -4.27	97.91 -0.14 0.00
CH_RES_SYRACUSE 23985	65.08 0.02 0.00	67.26 -0.25 0.00	63.70 -0.48 0.00	56.09 -0.43 0.00	55.15 -0.42 0.00	61.54 -0.29 0.00	56.69 -0.37 0.00	55.89 -0.30 0.00	53.06 -0.15 0.00	65.25 0.17 0.00	61.78 0.54 0.00	66.49 0.79 0.00	83.75 1.30 1.10	182.57 2.52 -3.72	579.65 7.46 0.85	730.77 7.17 0.00	657.47 4.46 0.00	1355.02 3.86 0.00	1385.63 -3.81 1.53	928.60 -0.89 5.34	539.90 1.29 0.23	258.43 1.06 0.00	160.47 0.60 0.00	99.01 0.97 0.00
CLINTON_WT_PWR 323605	63.12 -1.94 0.00	66.14 -1.38 0.00	63.02 -1.15 0.00	55.45 -1.07 0.00	54.28 -1.29 0.00	60.50 -1.33 0.00	56.03 -1.02 0.00	55.28 -0.90 0.00	52.14 -1.08 0.00	63.36 -1.72 0.00	59.20 -2.05 0.00	63.08 -2.63 0.00	73.21 -4.22 6.12	92.52 -8.77 75.04	278.86 -28.66 265.51	330.75 -33.31 359.54	353.77 -25.81 273.44	766.10 -52.86 532.20	1111.05 -57.59 222.33	825.98 -43.50 65.34	502.31 -19.45 17.09	244.67 -10.49 2.21	154.61 -5.27 0.00	94.13 -3.92 0.00
CLINTON___LFGE 323618	64.20 -0.86 0.00	67.25 -0.27 0.00	64.01 -0.16 0.00	56.31 -0.20 0.00	55.12 -0.44 0.00	61.47 -0.37 0.00	56.92 -0.14 0.00	56.20 0.01 0.00	52.89 -0.32 0.00	64.17 -0.90 0.00	60.09 -1.15 0.00	64.08 -1.63 0.00	71.98 -2.95 8.63	93.84 -6.48 76.02	282.05 -21.43 269.55	337.25 -22.27 364.08	364.06 -13.58 275.38	790.49 -24.66 536.01	1132.74 -29.64 228.59	833.63 -26.86 74.33	510.72 -9.66 18.47	249.08 -5.93 2.37	157.21 -2.68 0.00	95.42 -2.63 0.00
COBBLENY_34_KV_TB1 80064	64.80 -0.25 0.00	66.66 -0.85 0.00	62.46 -1.71 0.00	55.36 -1.16 0.00	54.15 -1.41 0.00	60.79 -1.05 0.00	56.19 -0.86 0.00	55.10 -1.09 0.00	52.81 -0.41 0.00	66.02 0.94 0.00	63.33 2.08 0.00	68.43 2.72 0.00	88.26 4.70 0.00	183.81 7.83 0.34	588.53 22.35 6.85	673.56 17.06 67.10	604.10 7.41 56.34	1183.99 -3.41 163.76	1244.84 -39.34 106.79	931.80 -14.94 -11.91	540.35 -2.41 -3.91	261.18 2.36 -1.45	163.81 -0.92 -4.86	101.91 3.86 0.00
COFFEEN___115KV_TB3 355620	64.99 -0.07 0.00	66.83 -0.68 0.00	63.24 -0.93 0.00	55.60 -0.91 0.00	54.49 -1.07 0.00	60.95 -0.89 0.00	56.72 -0.33 0.00	55.95 -0.24 0.00	53.00 -0.22 0.00	64.51 -0.57 0.00	60.08 -1.16 0.00	64.39 -1.32 0.00	49.17 -2.79 31.59	67.38 -8.09 100.86	68.36 -21.64 483.04	48.92 -29.32 645.36	269.43 -30.23 353.36	612.65 -48.10 690.40	742.20 -35.53 613.22	428.44 3.46 509.85	431.21 13.53 121.17	250.36 8.36 15.37	167.29 7.41 0.00	101.71 3.66 0.00
COLDSPRG_115KV_BK1 355956	65.11 0.05 0.00	66.90 -0.62 0.00	62.32 -1.85 0.00	55.20 -1.32 0.00	54.03 -1.53 0.00	60.49 -1.34 0.00	56.26 -0.79 0.00	55.63 -0.56 0.00	53.53 0.31 0.00	67.22 2.14 0.00	64.16 2.92 0.00	69.42 3.72 0.00	89.74 6.18 0.00	187.42 11.26 0.17	603.91 34.17 3.30	726.80 35.51 32.31	645.71 19.82 27.13	1300.67 28.23 78.72	1356.46 -2.43 32.07	974.45 12.72 -26.90	554.09 11.09 -4.15	268.55 9.64 -1.54	168.28 3.25 -5.15	103.48 5.44 0.00
COLONIE_LFGE___ 323577	67.58 2.52 0.00	69.66 2.14 0.00	66.26 2.09 0.00	58.41 1.90 0.00	57.58 2.01 0.00	63.94 2.11 0.00	58.91 1.86 0.00	58.35 2.16 0.00	55.19 1.97 0.00	67.35 2.27 0.00	63.76 2.52 0.00	68.66 2.95 0.00	87.58 4.03 0.00	184.81 8.48 0.00	599.71 26.67 0.00	781.45 34.53 -23.32	692.92 31.75 -8.15	1463.97 79.45 -33.37	2347.81 89.40 -867.44	1744.83 57.19 -752.81	646.02 30.60 -76.57	300.58 14.77 -28.43	277.06 9.12 -108.07	103.05 5.00 0.00
COOPERNY_115KV_TB1 80082	67.29 2.24 0.00	69.60 2.08 0.00	66.18 2.01 0.00	58.24 1.73 0.00	57.32 1.76 0.00	63.63 1.80 0.00	58.67 1.62 0.00	58.20 2.01 0.00	55.32 2.10 0.00	67.78 2.70 0.00	64.30 3.05 0.00	69.35 3.65 0.00	88.60 5.05 0.00	187.61 11.28 0.00	611.84 38.80 0.00	941.48 52.52 -165.36	756.17 45.38 -57.77	1652.57 97.37 -204.05	1823.27 98.52 -333.78	1302.68 65.61 -302.24	590.62 35.30 -16.48	280.17 16.68 -6.12	190.23 9.03 -21.33	103.34 5.30 0.00
COPENHAGEN_WT_PWR 323753	63.44 -1.62 0.00	65.38 -2.13 0.00	61.96 -2.21 0.00	54.47 -2.05 0.00	53.35 -2.22 0.00	59.67 -2.16 0.00	55.55 -1.51 0.00	55.01 -1.18 0.00	52.30 -0.92 0.00	63.79 -1.29 0.00	59.41 -1.83 0.00	63.85 -1.86 0.00	50.27 -3.66 29.63	71.64 -10.34 94.35	91.47 -27.90 453.66	78.87 -38.64 606.09	282.03 -39.27 331.72	631.37 -71.65 648.13	755.45 -59.39 576.12	444.01 -11.49 479.33	428.43 3.45 113.87	246.02 3.09 14.44	164.35 4.46 0.00	100.01 1.96 0.00
CORNELL_____ 23752	66.98 1.92 0.00	69.20 1.69 0.00	65.40 1.23 0.00	57.56 1.05 0.00	56.57 1.01 0.00	63.12 1.29 0.00	58.30 1.25 0.00	57.41 1.22 0.00	54.34 1.13 0.00	66.76 1.68 0.00	63.19 1.95 0.00	68.04 2.34 0.00	88.06 3.45 -1.05	185.72 6.93 -2.46	598.45 22.35 -3.08	782.01 28.91 -29.50	701.63 23.79 -24.82	1471.63 47.84 -72.63	1546.25 45.29 -109.99	1035.44 37.92 -62.70	569.19 24.88 -5.46	272.21 12.81 -2.03	173.23 6.57 -6.78	102.66 4.61 0.00



CORONA V_69_KV_TB1 355595	150.50 4.95 -80.50	86.98 4.36 -15.11	68.30 4.13 0.00	60.48 3.97 0.00	59.73 4.17 0.00	66.14 4.30 0.00	60.96 3.91 0.00	64.11 4.78 -3.14	57.90 4.68 0.00	87.87 5.76 -17.03	85.44 6.43 -17.76	130.21 7.68 -56.82	189.60 10.31 -95.74	329.73 23.47 -129.92	1019.39 80.65 -365.70	2560.74 107.75 -1729.39	2473.00 93.05 -1726.93	5226.48 199.58 -3675.74	5883.41 202.36 -4290.09	3295.73 133.02 -2227.87	1165.40 72.54 -554.01	362.10 31.57 -73.16	208.48 17.65 -30.96	108.21 10.17 0.00
CORTLAND_115KV_TB3 80093	66.23 1.17 0.00	68.51 0.99 0.00	64.82 0.65 0.00	57.05 0.54 0.00	56.07 0.51 0.00	62.50 0.67 0.00	57.72 0.67 0.00	56.90 0.71 0.00	53.93 0.71 0.00	66.30 1.22 0.00	62.78 1.54 0.00	67.66 1.96 0.00	84.71 2.96 1.81	184.48 6.22 -1.93	592.45 20.23 0.81	748.88 25.28 0.00	672.69 19.67 0.00	1389.99 38.58 -0.26	1458.34 33.32 -34.06	995.29 26.73 -33.74	560.30 17.52 -3.94	268.33 9.42 -1.55	169.73 4.68 -5.17	101.39 3.34 0.00
COXSACKIE__GT 23611	68.88 3.82 0.00	70.86 3.35 0.00	67.30 3.12 0.00	59.35 2.84 0.00	58.36 2.80 0.00	64.79 2.96 0.00	59.92 2.87 0.00	59.18 2.99 0.00	55.69 2.48 0.00	67.62 2.54 0.00	37.72 2.57 26.09	68.68 2.97 0.00	87.63 4.07 0.00	185.79 9.46 0.00	604.91 31.87 0.00	811.79 43.22 -44.98	708.54 39.81 -15.72	1508.68 99.59 -57.93	1737.99 118.60 -228.42	1471.71 80.59 -456.29	628.25 45.64 -43.76	295.56 21.94 -16.25	209.00 12.40 -36.72	105.24 7.19 0.00
CPV_VALLEY__CC1 323721	67.55 2.49 0.00	69.78 2.27 0.00	66.36 2.18 0.00	58.42 1.90 0.00	57.50 1.93 0.00	63.78 1.95 0.00	58.79 1.74 0.00	58.47 2.28 0.00	55.64 2.42 0.00	68.18 3.10 0.00	64.76 3.52 0.00	69.94 4.24 0.00	89.43 5.87 0.00	189.61 13.28 0.00	618.68 45.65 0.00	1008.66 62.22 -222.85	784.50 53.63 -77.86	1740.26 114.34 -274.77	1928.29 116.30 -421.03	1386.15 76.77 -374.55	598.65 41.08 -18.73	283.57 19.25 -6.96	194.82 10.38 -24.56	104.06 6.01 0.00
CPV_VALLEY__CC2 323722	67.55 2.49 0.00	69.78 2.27 0.00	66.36 2.18 0.00	58.42 1.90 0.00	57.50 1.93 0.00	63.78 1.95 0.00	58.79 1.74 0.00	58.47 2.28 0.00	55.64 2.42 0.00	68.18 3.10 0.00	64.76 3.52 0.00	69.94 4.24 0.00	89.43 5.87 0.00	189.61 13.28 0.00	618.68 45.65 0.00	1008.66 62.22 -222.85	784.50 53.63 -77.86	1740.26 114.34 -274.77	1928.29 116.30 -421.03	1386.15 76.77 -374.55	598.65 41.08 -18.73	283.57 19.25 -6.96	194.82 10.38 -24.56	104.06 6.01 0.00
CRESCENT__HYD 24018	67.58 2.52 0.00	69.66 2.14 0.00	66.26 2.09 0.00	58.41 1.90 0.00	57.58 2.01 0.00	63.94 2.11 0.00	58.91 1.86 0.00	58.35 2.16 0.00	55.19 1.97 0.00	67.35 2.27 0.00	63.76 2.52 0.00	68.66 2.95 0.00	87.58 4.03 0.00	184.81 8.48 0.00	599.71 26.67 0.00	781.45 34.53 -23.32	692.92 31.75 -8.15	1463.97 79.45 -33.37	2347.81 89.40 -867.44	1744.83 57.19 -752.81	646.02 30.60 -76.57	300.58 14.77 -28.43	277.06 9.12 -108.07	103.05 5.00 0.00
CRICKET__VALLEY_CC1 323756	67.78 2.72 0.00	69.85 2.33 0.00	66.43 2.26 0.00	58.52 2.01 0.00	57.68 2.11 0.00	63.93 2.10 0.00	58.93 1.88 0.00	58.72 2.53 0.00	55.85 2.63 0.00	68.57 3.49 0.00	65.09 3.84 0.00	70.35 4.64 0.00	89.90 6.34 0.00	190.44 14.11 0.00	620.20 47.16 0.00	1139.93 63.76 -352.58	832.20 55.99 -123.18	1910.37 124.85 -434.37	2141.08 128.73 -621.39	1556.01 82.90 -538.28	606.60 43.90 -23.84	286.44 20.22 -8.85	203.49 11.50 -32.11	104.67 6.62 0.00
CRICKET__VALLEY_CC2 323757	67.78 2.72 0.00	69.85 2.33 0.00	66.43 2.26 0.00	58.52 2.01 0.00	57.68 2.11 0.00	63.93 2.10 0.00	58.93 1.88 0.00	58.72 2.53 0.00	55.85 2.63 0.00	68.57 3.49 0.00	65.09 3.84 0.00	70.35 4.64 0.00	89.90 6.34 0.00	190.44 14.11 0.00	620.20 47.16 0.00	1139.93 63.76 -352.58	832.20 55.99 -123.18	1910.37 124.85 -434.37	2141.08 128.73 -621.39	1556.01 82.90 -538.28	606.60 43.90 -23.84	286.44 20.22 -8.85	203.49 11.50 -32.11	104.67 6.62 0.00
CRICKET__VALLEY_CC3 323758	67.78 2.72 0.00	69.85 2.33 0.00	66.43 2.26 0.00	58.52 2.01 0.00	57.68 2.11 0.00	63.93 2.10 0.00	58.93 1.88 0.00	58.72 2.53 0.00	55.85 2.63 0.00	68.57 3.49 0.00	65.09 3.84 0.00	70.35 4.64 0.00	89.90 6.34 0.00	190.44 14.11 0.00	620.20 47.16 0.00	1139.93 63.76 -352.58	832.20 55.99 -123.18	1910.37 124.85 -434.37	2141.08 128.73 -621.39	1556.01 82.90 -538.28	606.60 43.90 -23.84	286.44 20.22 -8.85	203.49 11.50 -32.11	104.67 6.62 0.00
CRUCIBLE_METL_DRP 24180	65.09 0.03 0.00	67.26 -0.25 0.00	63.67 -0.50 0.00	56.09 -0.43 0.00	55.15 -0.42 0.00	61.54 -0.29 0.00	56.68 -0.37 0.00	55.89 -0.30 0.00	53.06 -0.15 0.00	65.25 0.17 0.00	61.78 0.54 0.00	66.49 0.79 0.00	83.73 1.28 1.10	182.56 2.51 -3.72	579.61 7.42 0.85	730.76 7.17 0.00	657.32 4.30 0.00	1355.00 3.85 0.00	1385.75 -3.69 1.53	928.60 -0.89 5.34	539.89 1.28 0.23	258.42 1.05 0.00	160.47 0.59 0.00	99.01 0.97 0.00
DAHOWA__HYDRO 323763	68.81 3.75 0.00	70.97 3.45 0.00	67.44 3.27 0.00	59.44 2.93 0.00	58.82 3.26 0.00	65.42 3.58 0.00	60.28 3.23 0.00	59.64 3.45 0.00	56.25 3.04 0.00	68.65 3.57 0.00	64.92 3.68 0.00	69.97 4.27 0.00	89.31 5.76 0.00	188.55 12.22 0.00	611.44 38.41 0.00	774.36 50.76 0.00	699.91 46.89 0.00	1473.77 117.27 -5.35	2401.87 131.74 -879.17	1850.74 87.84 -828.07	673.88 48.49 -86.55	312.65 23.14 -32.14	289.53 13.72 -115.93	105.66 7.61 0.00
DANC__LFGE 323619	63.63 -1.43 0.00	65.66 -1.86 0.00	62.23 -1.94 0.00	54.74 -1.77 0.00	53.69 -1.88 0.00	59.95 -1.89 0.00	55.61 -1.44 0.00	54.94 -1.26 0.00	52.18 -1.04 0.00	63.80 -1.28 0.00	59.76 -1.48 0.00	64.26 -1.44 0.00	62.52 -2.51 18.53	114.48 -6.95 54.90	273.16 -19.48 280.40	320.41 -27.81 375.37	425.40 -28.19 199.43	906.97 -54.38 389.80	977.87 -48.95 364.15	607.76 -15.25 311.82	463.22 -1.79 73.83	248.06 0.05 9.36	161.51 1.64 0.00	98.79 0.74 0.00
DANSKAMMER__1 23586	69.12 4.06 0.00	71.26 3.74 0.00	67.72 3.55 0.00	59.57 3.06 0.00	58.66 3.10 0.00	65.04 3.21 0.00	59.99 2.94 0.00	59.80 3.61 0.00	56.97 3.76 0.00	69.95 4.87 0.00	66.53 5.29 0.00	71.95 6.24 0.00	92.03 8.47 0.00	195.34 19.01 0.00	637.68 64.65 0.00	1088.71 87.12 -278.00	826.46 76.32 -97.12	1857.97 164.13 -342.68	2067.99 167.63 -509.40	1497.78 109.90 -453.05	619.75 59.05 -21.85	292.92 27.44 -8.11	203.42 15.02 -28.53	106.87 8.82 0.00
DANSKAMMER__2 23589	69.12 4.06 0.00	71.26 3.74 0.00	67.72 3.55 0.00	59.57 3.06 0.00	58.66 3.10 0.00	65.04 3.21 0.00	59.99 2.94 0.00	59.80 3.61 0.00	56.97 3.76 0.00	69.95 4.87 0.00	66.53 5.29 0.00	71.95 6.24 0.00	92.03 8.47 0.00	195.34 19.01 0.00	637.68 64.65 0.00	1088.71 87.12 -278.00	826.46 76.32 -97.12	1857.97 164.13 -342.68	2067.99 167.63 -509.40	1497.78 109.90 -453.05	619.75 59.05 -21.85	292.92 27.44 -8.11	203.42 15.02 -28.53	106.87 8.82 0.00
DANSKAMMER__3 23590	69.12 4.06 0.00	71.26 3.74 0.00	67.72 3.55 0.00	59.57 3.06 0.00	58.66 3.10 0.00	65.04 3.21 0.00	59.99 2.94 0.00	59.80 3.61 0.00	56.97 3.76 0.00	69.95 4.87 0.00	66.53 5.29 0.00	71.95 6.24 0.00	92.03 8.47 0.00	195.34 19.01 0.00	637.68 64.65 0.00	1088.71 87.12 -278.00	826.46 76.32 -97.12	1857.97 164.13 -342.68	2067.99 167.63 -509.40	1497.78 109.90 -453.05	619.75 59.05 -21.85	292.92 27.44 -8.11	203.42 15.02 -28.53	106.87 8.82 0.00



DANSKAMMER___4 23591	69.12 4.06 0.00	71.26 3.74 0.00	67.72 3.55 0.00	59.57 3.06 0.00	58.66 3.10 0.00	65.04 3.21 0.00	59.99 2.94 0.00	59.80 3.61 0.00	56.97 3.76 0.00	69.95 4.87 0.00	66.53 5.29 0.00	71.95 6.24 0.00	92.03 8.47 0.00	195.34 19.01 0.00	637.68 64.65 0.00	1088.71 87.12 -278.00	826.46 76.32 -97.12	1857.97 164.13 -342.68	2067.99 167.63 -509.40	1497.78 109.90 -453.05	619.75 59.05 -21.85	292.92 27.44 -8.11	203.42 15.02 -28.53	106.87 8.82 0.00
DANSKAMMER___DIESEL 23592	69.12 4.06 0.00	71.27 3.76 0.00	67.74 3.57 0.00	59.57 3.06 0.00	58.67 3.10 0.00	65.04 3.21 0.00	59.99 2.94 0.00	59.79 3.61 0.00	56.97 3.76 0.00	69.95 4.87 0.00	66.53 5.28 0.00	71.95 6.24 0.00	92.03 8.47 0.00	195.36 19.03 0.00	637.90 64.87 0.00	1088.85 87.26 -278.00	826.59 76.45 -97.12	1858.49 164.66 -342.68	2068.06 167.70 -509.40	1497.83 109.95 -453.05	619.83 59.13 -21.85	292.91 27.42 -8.11	203.43 15.02 -28.53	106.87 8.82 0.00
DARBY___SOLAR 323810	68.52 3.47 0.00	70.66 3.14 0.00	67.19 3.02 0.00	59.20 2.69 0.00	58.55 2.99 0.00	65.09 3.25 0.00	59.97 2.91 0.00	59.31 3.12 0.00	55.98 2.77 0.00	68.31 3.24 0.00	64.60 3.36 0.00	69.59 3.88 0.00	88.76 5.21 0.00	187.43 11.10 0.00	607.96 34.92 0.00	784.86 46.26 -15.01	701.10 42.84 -5.24	1482.31 107.45 -23.70	2403.11 120.82 -891.33	1844.99 80.37 -829.79	668.53 44.35 -85.34	310.29 21.23 -31.69	287.54 12.65 -115.01	105.05 7.01 0.00
DASHVILLE___HYD 23610	68.37 3.31 0.00	70.60 3.09 0.00	67.16 2.98 0.00	59.05 2.54 0.00	58.15 2.59 0.00	64.49 2.66 0.00	59.48 2.42 0.00	59.23 3.04 0.00	56.34 3.13 0.00	69.14 4.06 0.00	59.50 4.55 6.29	71.03 5.32 0.00	90.84 7.29 0.00	193.44 17.11 0.00	632.19 59.15 0.00	964.21 79.39 -161.22	778.06 68.71 -56.32	1698.41 147.69 -199.57	1910.46 149.91 -369.59	1422.10 95.65 -391.62	616.27 51.16 -26.26	291.35 24.22 -9.75	202.63 13.20 -29.56	105.74 7.69 0.00
DELAWARE___LFGE 323621	67.10 2.04 0.00	69.62 2.11 0.00	66.21 2.04 0.00	58.29 1.78 0.00	57.32 1.76 0.00	63.76 1.93 0.00	58.82 1.77 0.00	58.02 1.83 0.00	54.98 1.76 0.00	67.49 2.41 0.00	63.96 2.72 0.00	68.91 3.21 0.00	88.23 4.30 -0.37	186.36 9.22 -0.81	603.82 30.78 0.00	778.80 40.59 -14.61	692.53 34.41 -5.11	1442.49 72.26 -19.07	1639.49 71.25 -177.28	1169.51 48.36 -186.32	584.25 27.14 -18.26	277.47 13.32 -6.78	189.79 7.25 -22.66	102.61 4.56 0.00
DERFIELD_115KV_TB7 355931	65.39 0.33 0.00	67.80 0.29 0.00	64.47 0.30 0.00	56.77 0.25 0.00	55.84 0.28 0.00	62.08 0.25 0.00	57.29 0.23 0.00	56.52 0.33 0.00	53.52 0.31 0.00	65.48 0.40 0.00	61.74 0.50 0.00	66.36 0.66 0.00	83.61 0.96 0.90	205.18 1.98 -26.87	685.61 6.83 -105.75	873.21 9.04 -140.57	759.16 7.23 -98.91	1560.73 16.84 -192.73	1512.65 17.92 -103.77	995.29 12.01 -48.44	559.04 6.53 -13.66	262.46 3.29 -1.80	161.80 1.92 0.00	99.17 1.12 0.00
DOGLEVILLE___HYD 23807	67.13 2.07 0.00	69.26 1.74 0.00	65.97 1.80 0.00	58.16 1.64 0.00	57.31 1.75 0.00	63.60 1.77 0.00	58.47 1.42 0.00	57.40 1.21 0.00	53.87 0.65 0.00	65.67 0.59 0.00	62.21 0.97 0.00	67.26 1.56 0.00	85.15 2.50 0.90	209.09 5.89 -26.87	696.81 18.03 -105.75	891.65 27.48 -140.57	772.94 21.01 -98.91	1617.32 73.43 -192.73	1590.49 95.76 -103.77	1053.56 70.29 -48.44	589.26 36.75 -13.66	277.55 18.39 -1.80	170.60 10.72 0.00	103.92 5.88 0.00
DUNKIRK___115KV_TB_200 55889	64.45 -0.61 0.00	66.43 -1.08 0.00	62.00 -2.18 0.00	54.93 -1.59 0.00	53.78 -1.79 0.00	60.23 -1.61 0.00	55.87 -1.18 0.00	54.99 -1.20 0.00	52.82 -0.40 0.00	66.25 1.18 0.00	63.38 2.14 0.00	68.53 2.83 0.00	88.59 5.04 0.00	184.60 8.60 0.34	591.52 25.15 6.67	682.13 23.83 65.29	608.39 10.19 54.82	1195.44 3.63 159.35	1257.70 -29.99 103.28	940.47 -6.66 -12.30	544.72 1.98 -3.89	264.41 5.60 -1.44	165.55 0.85 -4.82	102.61 4.57 0.00
DUNKIRK___1 23563	64.45 -0.61 0.00	66.43 -1.08 0.00	62.00 -2.18 0.00	54.93 -1.59 0.00	53.78 -1.79 0.00	60.23 -1.61 0.00	55.87 -1.18 0.00	54.99 -1.20 0.00	52.82 -0.40 0.00	66.25 1.18 0.00	63.38 2.14 0.00	68.53 2.83 0.00	88.59 5.04 0.00	184.60 8.60 0.34	591.52 25.15 6.67	682.13 23.83 65.29	608.39 10.19 54.82	1195.44 3.63 159.35	1257.70 -29.99 103.28	940.47 -6.66 -12.30	544.72 1.98 -3.89	264.41 5.60 -1.44	165.55 0.85 -4.82	102.61 4.57 0.00
DUNKIRK___2 23564	64.45 -0.61 0.00	66.43 -1.08 0.00	62.00 -2.18 0.00	54.93 -1.59 0.00	53.78 -1.79 0.00	60.23 -1.61 0.00	55.87 -1.18 0.00	54.99 -1.20 0.00	52.82 -0.40 0.00	66.25 1.18 0.00	63.38 2.14 0.00	68.53 2.83 0.00	88.59 5.04 0.00	184.60 8.60 0.34	591.52 25.15 6.67	682.13 23.83 65.29	608.39 10.19 54.82	1195.44 3.63 159.35	1257.70 -29.99 103.28	940.47 -6.66 -12.30	544.72 1.98 -3.89	264.41 5.60 -1.44	165.55 0.85 -4.82	102.61 4.57 0.00
DUNKIRK___3 23565	64.38 -0.68 0.00	66.34 -1.18 0.00	62.00 -2.17 0.00	54.92 -1.60 0.00	53.73 -1.83 0.00	60.20 -1.64 0.00	55.78 -1.28 0.00	54.84 -1.35 0.00	52.59 -0.63 0.00	65.88 0.80 0.00	63.08 1.83 0.00	68.17 2.46 0.00	88.06 4.51 0.00	183.54 7.56 0.35	587.90 21.81 6.94	674.71 19.07 67.95	602.70 6.74 57.05	1181.37 -3.94 165.85	1243.32 -38.57 109.08	932.29 -13.61 -11.07	541.04 -1.67 -3.86	262.43 3.63 -1.43	164.31 -0.36 -4.79	101.92 3.88 0.00
DUNKIRK___4 23566	64.38 -0.68 0.00	66.34 -1.18 0.00	62.00 -2.17 0.00	54.92 -1.60 0.00	53.73 -1.83 0.00	60.20 -1.64 0.00	55.78 -1.28 0.00	54.84 -1.35 0.00	52.59 -0.63 0.00	65.88 0.80 0.00	63.08 1.83 0.00	68.17 2.46 0.00	88.06 4.51 0.00	183.54 7.56 0.35	587.90 21.81 6.94	674.71 19.07 67.95	602.70 6.74 57.05	1181.37 -3.94 165.85	1243.32 -38.57 109.08	932.29 -13.61 -11.07	541.04 -1.67 -3.86	262.43 3.63 -1.43	164.31 -0.36 -4.79	101.92 3.88 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	69.04 3.99 0.00	71.28 3.77 0.00	67.84 3.68 0.00	59.70 3.19 0.00	58.86 3.29 0.00	65.25 3.42 0.00	60.14 3.09 0.00	60.00 3.82 0.00	57.25 4.03 0.00	70.19 5.12 0.00	66.66 5.42 0.00	72.12 6.42 0.00	92.34 8.78 0.00	196.04 19.71 0.00	640.30 67.27 0.00	1132.13 90.55 -317.98	842.03 77.92 -111.09	1908.82 165.88 -391.79	2115.75 169.04 -555.75	1532.63 111.49 -486.32	620.34 59.88 -21.62	293.21 27.82 -8.03	203.56 15.02 -28.66	106.75 8.70 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	68.65 3.59 0.00	70.85 3.33 0.00	67.34 3.17 0.00	59.24 2.73 0.00	58.32 2.76 0.00	64.67 2.84 0.00	59.64 2.59 0.00	59.39 3.20 0.00	56.56 3.34 0.00	69.39 4.31 0.00	65.98 4.74 0.00	71.32 5.62 0.00	91.26 7.71 0.00	193.67 17.34 0.00	632.27 59.23 0.00	1059.05 80.07 -255.39	812.10 69.85 -89.22	1815.97 149.93 -314.87	2020.55 152.52 -477.07	1462.24 100.66 -426.75	614.37 54.33 -21.19	290.55 25.31 -7.87	201.21 13.79 -27.54	106.09 8.05 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	69.05 3.99 0.00	71.28 3.76 0.00	68.00 3.83 0.00	59.81 3.29 0.00	59.00 3.44 0.00	65.42 3.59 0.00	60.35 3.31 0.00	60.07 3.88 0.00	57.45 4.24 0.00	70.50 5.42 0.00	66.89 5.61 -0.03	73.42 6.64 -1.08	92.87 9.08 -0.24	196.78 20.41 -0.04	643.53 70.14 -0.35	1134.95 92.96 -318.39	843.45 79.33 -111.10	1910.36 167.36 -391.84	2119.76 173.04 -555.77	1536.08 114.92 -486.33	622.21 61.74 -21.62	294.40 29.00 -8.03	203.85 15.31 -28.66	106.92 8.87 0.00



E179THST_13_KV_LOAD 356214	69.57 4.51 0.00	71.78 4.26 0.00	68.48 4.31 0.00	60.22 3.71 0.00	59.39 3.83 0.00	65.85 4.02 0.00	60.76 3.71 0.00	60.50 4.31 0.00	57.87 4.65 0.00	71.03 5.95 0.00	67.40 6.13 -0.03	74.00 7.22 -1.08	93.66 9.87 -0.24	198.46 22.09 -0.04	648.93 75.55 -0.35	1141.60 99.62 -318.39	849.42 85.30 -111.10	1923.40 180.40 -391.84	2132.50 185.77 -555.77	1544.80 123.64 -486.33	627.01 66.54 -21.62	296.64 31.24 -8.03	205.19 16.64 -28.66	107.76 9.71 0.00
EAST HAMPTON___GT 23717	68.66 4.24 0.64	70.97 4.80 1.34	69.58 5.41 0.00	62.57 6.06 0.00	61.96 6.40 0.00	68.31 6.48 0.00	63.02 5.97 0.00	63.24 6.86 -0.19	59.65 6.43 0.00	70.59 7.00 1.48	70.20 7.95 -1.01	94.11 10.82 -17.58	158.51 13.02 -61.93	290.43 29.03 -85.06	678.74 97.56 -8.14	1201.45 111.02 -366.83	1011.50 88.10 -270.38	3541.24 178.35 -2011.74	4174.83 177.52 -2606.35	1739.79 112.52 -692.44	627.62 51.25 -37.52	282.85 20.89 -4.60	208.20 11.88 -36.45	114.10 10.55 -5.50
EAST RIVER___6 23660	69.23 4.17 0.00	71.45 3.93 0.00	68.01 3.84 0.00	59.82 3.31 0.00	58.98 3.42 0.00	65.35 3.52 0.00	60.24 3.19 0.00	60.19 4.00 0.00	57.61 4.40 0.00	70.66 5.58 0.00	67.05 5.81 0.00	72.50 6.79 0.00	92.82 9.26 0.00	197.18 20.85 0.00	644.51 71.47 0.00	1137.64 96.07 -317.97	845.80 81.69 -111.09	1915.33 172.43 -391.74	2122.84 176.15 -555.73	1537.77 116.65 -486.29	623.21 62.75 -21.62	294.54 29.14 -8.03	203.90 15.36 -28.66	106.86 8.82 0.00
EAST RIVER___7 23524	69.23 4.17 0.00	71.45 3.93 0.00	68.01 3.84 0.00	59.82 3.31 0.00	58.98 3.42 0.00	65.35 3.52 0.00	60.24 3.19 0.00	60.19 4.00 0.00	57.61 4.40 0.00	70.66 5.58 0.00	67.05 5.81 0.00	72.50 6.79 0.00	92.82 9.26 0.00	197.18 20.85 0.00	644.51 71.47 0.00	1137.64 96.07 -317.97	845.80 81.69 -111.09	1915.33 172.43 -391.74	2122.84 176.15 -555.73	1537.77 116.65 -486.29	623.21 62.75 -21.62	294.54 29.14 -8.03	203.90 15.36 -28.66	106.86 8.82 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	68.88 3.82 0.00	71.10 3.59 0.00	67.65 3.48 0.00	59.54 3.02 0.00	58.67 3.11 0.00	65.04 3.21 0.00	59.95 2.90 0.00	59.80 3.61 0.00	57.05 3.83 0.00	69.95 4.87 0.00	66.46 5.22 0.00	71.89 6.18 0.00	92.03 8.48 0.00	195.39 19.06 0.00	638.01 64.98 0.00	1128.30 87.38 -317.32	839.19 75.30 -110.86	1902.66 160.56 -390.94	2109.11 163.57 -554.59	1527.96 107.82 -485.32	618.19 57.76 -21.57	292.25 26.87 -8.01	202.99 14.51 -28.60	106.46 8.41 0.00
EAST_HAMPTON___DIESEL 23722	68.44 4.03 0.64	70.85 4.67 1.34	69.51 5.34 0.00	62.55 6.04 0.00	61.95 6.39 0.00	68.29 6.46 0.00	63.00 5.95 0.00	63.20 6.82 -0.19	59.58 6.36 0.00	70.50 6.91 1.48	70.14 7.88 -1.01	94.09 10.80 -17.58	158.49 13.00 -61.93	290.48 29.10 -85.05	678.92 97.74 -8.14	1200.54 110.12 -366.83	1010.35 86.95 -270.38	3538.42 175.53 -2011.73	4171.93 174.62 -2606.35	1737.76 110.49 -692.44	626.41 50.05 -37.52	282.33 20.36 -4.60	207.90 11.57 -36.45	113.98 10.43 -5.50
EAST_POINT___SOLAR 323840	69.76 4.70 0.00	72.26 4.75 0.00	68.72 4.55 0.00	60.37 3.85 0.00	59.33 3.77 0.00	66.27 4.44 0.00	60.37 3.32 0.00	57.82 1.63 0.00	54.01 0.80 0.00	65.95 0.87 0.00	62.22 0.98 0.00	66.69 0.99 0.00	84.64 1.09 0.00	179.49 3.16 0.00	582.08 9.05 0.00	740.85 17.26 0.00	663.76 10.74 0.00	1391.81 35.38 -5.27	2260.64 57.83 -811.85	1817.75 66.36 -816.56	673.95 49.78 -85.32	312.89 23.84 -31.68	283.67 14.16 -109.63	106.58 8.54 0.00
EAST_PULASKI___ESR 323781	63.88 -1.18 0.00	65.99 -1.52 0.00	62.55 -1.62 0.00	55.06 -1.45 0.00	54.07 -1.50 0.00	60.25 -1.58 0.00	55.73 -1.33 0.00	54.93 -1.26 0.00	52.10 -1.12 0.00	63.86 -1.22 0.00	60.15 -1.09 0.00	64.71 -0.99 0.00	74.52 -1.31 7.72	151.11 -3.57 21.65	429.47 -11.14 132.43	529.62 -17.03 176.94	541.89 -17.14 93.99	1130.16 -37.28 183.72	1180.41 -38.42 172.12	767.23 -18.88 148.71	496.99 -6.98 34.88	250.07 -2.89 4.41	158.87 -1.01 0.00	97.67 -0.37 0.00
EAST_RIVER___1 323558	69.26 4.20 0.00	71.52 4.01 0.00	68.10 3.93 0.00	59.89 3.38 0.00	59.05 3.49 0.00	65.42 3.60 0.00	60.31 3.25 0.00	60.25 4.06 0.00	57.64 4.43 0.00	70.70 5.62 0.00	67.09 5.84 0.00	72.56 6.85 0.00	92.90 9.34 0.00	197.37 21.04 0.00	645.14 72.11 0.00	1138.53 96.97 -317.97	846.60 82.50 -111.09	1917.44 174.55 -391.74	2124.81 178.13 -555.72	1538.87 117.75 -486.29	623.91 63.44 -21.62	294.81 29.42 -8.03	204.07 15.53 -28.66	106.97 8.92 0.00
EAST_RIVER___2 323559	69.23 4.17 0.00	71.45 3.93 0.00	68.01 3.84 0.00	59.82 3.31 0.00	58.98 3.42 0.00	65.35 3.52 0.00	60.24 3.19 0.00	60.19 4.00 0.00	57.61 4.40 0.00	70.66 5.58 0.00	67.05 5.81 0.00	72.50 6.79 0.00	92.82 9.26 0.00	197.18 20.85 0.00	644.51 71.47 0.00	1137.64 96.07 -317.97	845.80 81.69 -111.09	1915.33 172.43 -391.74	2122.84 176.15 -555.73	1537.77 116.65 -486.29	623.21 62.75 -21.62	294.54 29.14 -8.03	203.90 15.36 -28.66	106.86 8.82 0.00
EAST___DELAWARE_HYD 23607	67.15 2.10 0.00	69.31 1.79 0.00	65.86 1.69 0.00	57.92 1.40 0.00	56.99 1.43 0.00	63.22 1.39 0.00	58.33 1.28 0.00	58.05 1.86 0.00	55.23 2.01 0.00	67.69 2.61 0.00	61.98 2.77 2.03	67.67 1.97 0.00	86.54 2.98 0.00	183.86 7.54 0.00	600.26 27.22 0.00	959.46 40.09 -195.78	760.62 39.20 -68.40	1709.01 116.18 -241.67	1906.40 120.40 -395.04	1386.51 80.74 -370.94	602.37 42.65 -20.87	284.71 19.59 -7.75	195.95 10.18 -25.90	103.73 5.68 0.00
EIGHT_POINT___WT_PWR 323820	63.92 -1.14 0.00	66.00 -1.52 0.00	61.46 -2.71 0.00	53.85 -2.66 0.00	52.66 -2.90 0.00	58.81 -3.02 0.00	54.56 -2.50 0.00	54.12 -2.07 0.00	51.99 -1.23 0.00	65.08 0.00 0.00	61.61 0.36 0.00	66.60 0.89 0.00	85.92 1.92 -0.45	180.23 1.46 -2.44	604.59 2.54 -29.02	1005.78 -1.04 -283.23	882.37 -8.31 -237.66	2022.18 -21.83 -692.85	1986.64 -39.03 -634.72	1075.21 -9.35 -149.73	548.38 4.72 -4.81	264.97 5.81 -1.79	166.26 0.41 -5.97	101.05 3.00 0.00
ELBRIDGE_115KV_TB2 80188	65.01 -0.05 0.00	67.15 -0.37 0.00	63.56 -0.62 0.00	55.98 -0.53 0.00	55.09 -0.47 0.00	61.56 -0.27 0.00	56.58 -0.47 0.00	55.80 -0.39 0.00	52.97 -0.25 0.00	65.13 0.05 0.00	61.68 0.43 0.00	66.36 0.65 0.00	84.00 1.13 0.68	182.47 2.13 -4.01	578.22 5.94 0.76	728.26 4.66 0.00	654.71 1.68 0.00	1349.09 -2.07 0.00	1378.86 -10.73 1.37	925.20 -4.84 4.79	538.05 -0.59 0.21	257.74 0.37 0.00	160.07 0.19 0.00	98.90 0.85 0.00
ELEC_TRO_TEK 24086	104.23 4.38 -34.79	77.10 3.74 -5.84	67.72 3.54 0.00	59.98 3.47 0.00	59.26 3.69 0.00	65.63 3.80 0.00	60.48 3.43 0.00	61.97 4.30 -1.47	57.44 4.22 0.00	76.59 5.13 -6.39	75.43 5.86 -8.32	98.89 7.04 -26.14	141.50 9.42 -48.53	255.23 21.35 -57.55	810.07 73.26 -163.77	1781.83 97.51 -960.72	1667.54 83.50 -931.02	4317.35 179.42 -2786.77	4960.89 181.91 -3388.02	2416.61 119.90 -1361.88	860.78 64.82 -257.11	320.46 28.34 -34.75	206.42 15.59 -30.95	107.08 9.03 0.00
ELLENBURG_WT_PWR 323604	63.12 -1.94 0.00	66.14 -1.38 0.00	63.02 -1.15 0.00	55.45 -1.07 0.00	54.28 -1.29 0.00	60.50 -1.33 0.00	56.03 -1.02 0.00	55.28 -0.90 0.00	52.14 -1.08 0.00	63.36 -1.72 0.00	59.20 -2.05 0.00	63.08 -2.63 0.00	73.21 -4.22 6.12	92.52 -8.77 75.04	278.86 -28.66 265.51	330.75 -33.31 359.54	353.77 -25.81 273.44	766.10 -52.86 532.20	1111.05 -57.59 222.33	825.98 -43.50 65.34	502.31 -19.45 17.09	244.67 -10.49 2.21	154.61 -5.27 0.00	94.13 -3.92 0.00



ELM_ST_23_KV_LD_REV_LBMP_A 345012	64.21 -0.85 0.00	66.08 -1.43 0.00	61.99 -2.18 0.00	54.97 -1.55 0.00	53.72 -1.84 0.00	60.33 -1.50 0.00	55.73 -1.32 0.00	54.61 -1.58 0.00	52.34 -0.88 0.00	65.40 0.32 0.00	62.71 1.47 0.00	67.69 1.98 0.00	87.25 3.69 0.00	181.41 5.45 0.38	579.68 14.11 7.46	656.04 5.57 73.13	588.58 -2.93 61.51	1144.44 -28.22 178.50	1203.91 -65.05 122.01	910.28 -31.66 -7.11	531.81 -10.68 -3.64	256.97 -1.76 -1.35	161.19 -3.21 -4.51	100.84 2.80 0.00
EMPIRE_CC_1 323656	66.50 1.44 0.00	68.55 1.04 0.00	65.28 1.11 0.00	57.67 1.15 0.00	56.81 1.25 0.00	62.97 1.14 0.00	58.01 0.96 0.00	57.46 1.27 0.00	54.38 1.17 0.00	66.35 1.28 0.00	62.78 1.54 0.00	67.59 1.88 0.00	86.16 2.61 0.00	181.90 5.57 0.00	590.48 17.45 0.00	812.03 22.78 -65.65	696.71 20.75 -22.94	1488.56 54.56 -82.85	1969.40 63.61 -514.82	1375.44 38.88 -401.73	594.77 19.73 -36.19	280.46 9.65 -13.44	221.23 6.03 -55.32	101.24 3.19 0.00
EMPIRE_CC_2 323658	66.50 1.44 0.00	68.55 1.04 0.00	65.28 1.11 0.00	57.67 1.15 0.00	56.81 1.25 0.00	62.97 1.14 0.00	58.01 0.96 0.00	57.46 1.27 0.00	54.38 1.17 0.00	66.35 1.28 0.00	62.78 1.54 0.00	67.59 1.88 0.00	86.16 2.61 0.00	181.90 5.57 0.00	590.48 17.45 0.00	812.03 22.78 -65.65	696.71 20.75 -22.94	1488.56 54.56 -82.85	1969.40 63.61 -514.82	1375.44 38.88 -401.73	594.77 19.73 -36.19	280.46 9.65 -13.44	221.23 6.03 -55.32	101.24 3.19 0.00
ENORWICH_115KV_TB1 80156	69.13 4.07 0.00	71.53 4.01 0.00	67.73 3.56 0.00	59.67 3.16 0.00	58.52 2.96 0.00	65.46 3.63 0.00	60.78 3.73 0.00	59.85 3.66 0.00	56.65 3.43 0.00	69.71 4.63 0.00	66.02 4.78 0.00	71.02 5.31 0.00	91.25 6.90 -0.80	192.70 14.54 -1.83	618.94 44.39 -1.52	802.35 64.00 -14.76	725.91 60.49 -12.40	1514.93 127.06 -36.72	1632.12 124.59 -116.57	1130.55 98.08 -97.64	607.60 59.03 -9.73	287.77 26.78 -3.61	186.09 14.13 -12.08	107.37 9.32 0.00
ERIE_ST__34_KV_TB1-2 80199	64.77 -0.29 0.00	66.55 -0.97 0.00	62.33 -1.84 0.00	55.21 -1.30 0.00	53.98 -1.58 0.00	60.61 -1.23 0.00	56.03 -1.02 0.00	55.07 -1.12 0.00	52.81 -0.40 0.00	66.06 0.98 0.00	63.38 2.14 0.00	68.50 2.80 0.00	88.39 4.84 0.00	184.12 8.17 0.38	589.85 24.34 7.53	669.93 20.08 73.75	601.45 10.34 61.92	1175.60 4.47 180.02	1238.54 -31.25 121.17	932.85 -10.55 -8.57	541.38 -1.29 -3.82	261.37 2.59 -1.42	163.61 -1.01 -4.74	101.72 3.67 0.00
ERIE_WT_PWR 323693	64.52 -0.54 0.00	66.39 -1.12 0.00	62.30 -1.87 0.00	55.18 -1.33 0.00	53.92 -1.65 0.00	60.54 -1.30 0.00	55.92 -1.13 0.00	54.82 -1.37 0.00	52.49 -0.72 0.00	65.61 0.53 0.00	62.87 1.63 0.00	67.92 2.22 0.00	87.59 4.04 0.00	182.11 6.21 0.43	580.65 16.11 8.49	650.99 10.53 83.14	585.08 1.87 69.80	1131.58 -16.60 202.97	1194.28 -55.32 141.37	914.11 -25.33 -4.62	536.12 -6.49 -3.77	259.06 0.29 -1.40	162.54 -2.01 -4.67	101.43 3.39 0.00
ESPRGFLD_115KV_TB1 80157	68.02 2.96 0.00	70.69 3.18 0.00	67.25 3.08 0.00	59.04 2.53 0.00	57.97 2.40 0.00	64.76 2.93 0.00	59.67 2.62 0.00	58.53 2.34 0.00	55.46 2.25 0.00	68.10 3.02 0.00	64.37 3.13 0.00	69.08 3.38 0.00	87.80 4.24 0.00	185.25 8.92 0.00	602.64 29.61 0.00	761.27 37.67 0.00	683.94 30.92 0.00	1414.63 59.57 -3.91	2049.44 58.97 -599.50	1587.01 47.78 -604.40	634.43 32.38 -63.20	296.34 15.51 -23.47	249.82 8.81 -81.13	103.68 5.63 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	66.81 1.75 0.00	69.06 1.54 0.00	65.27 1.11 0.00	57.46 0.95 0.00	56.48 0.91 0.00	63.02 1.19 0.00	58.18 1.13 0.00	57.30 1.11 0.00	54.24 1.02 0.00	66.66 1.58 0.00	63.11 1.86 0.00	67.93 2.23 0.00	87.95 3.31 -1.09	185.48 6.64 -2.52	597.13 21.54 -2.55	775.91 27.78 -24.53	696.20 22.54 -20.64	1456.59 45.00 -60.44	1531.97 41.53 -99.47	1030.73 35.11 -60.79	567.32 23.01 -5.46	271.35 11.95 -2.03	172.77 6.11 -6.78	102.37 4.33 0.00
ETNA____115KV_TB2 80207	66.81 1.75 0.00	69.06 1.54 0.00	65.27 1.11 0.00	57.46 0.95 0.00	56.48 0.91 0.00	63.02 1.19 0.00	58.18 1.13 0.00	57.30 1.11 0.00	54.24 1.02 0.00	66.66 1.58 0.00	63.11 1.86 0.00	67.93 2.23 0.00	87.95 3.31 -1.09	185.48 6.64 -2.52	597.13 21.54 -2.55	775.91 27.78 -24.53	696.20 22.54 -20.64	1456.59 45.00 -60.44	1531.97 41.53 -99.47	1030.73 35.11 -60.79	567.32 23.01 -5.46	271.35 11.95 -2.03	172.77 6.11 -6.78	102.37 4.33 0.00
EUCLID___115KV_TB2 356179	64.63 -0.42 0.00	66.82 -0.69 0.00	63.29 -0.88 0.00	55.77 -0.75 0.00	54.80 -0.77 0.00	61.06 -0.77 0.00	56.34 -0.71 0.00	55.55 -0.64 0.00	52.74 -0.48 0.00	64.84 -0.24 0.00	61.38 0.14 0.00	66.10 0.39 0.00	81.65 0.80 2.70	179.13 1.42 -1.38	575.91 3.88 1.00	725.88 2.28 0.00	653.22 0.20 0.00	1346.37 -4.79 0.00	1376.94 -12.20 1.81	921.67 -6.82 6.34	536.47 -2.10 0.28	256.62 -0.75 0.00	159.30 -0.58 0.00	98.32 0.27 0.00
E_CANADA_CAP_HY 24051	68.47 3.41 0.00	71.10 3.58 0.00	67.71 3.54 0.00	59.46 2.95 0.00	58.40 2.83 0.00	65.28 3.45 0.00	59.96 2.90 0.00	58.47 2.28 0.00	55.13 1.91 0.00	67.40 2.32 0.00	63.50 2.26 0.00	67.97 2.27 0.00	86.15 2.59 0.00	181.69 5.36 0.00	591.31 18.27 0.00	746.00 22.40 0.00	668.20 15.18 0.00	1388.08 31.99 -4.93	2191.66 41.70 -758.99	1740.26 41.68 -763.75	650.04 31.38 -79.81	301.93 14.92 -29.63	271.88 9.46 -102.54	104.06 6.02 0.00
E_CANADA_MHWK_HY 24050	67.12 2.07 0.00	69.26 1.74 0.00	65.97 1.80 0.00	58.15 1.64 0.00	57.31 1.75 0.00	63.60 1.77 0.00	58.47 1.42 0.00	57.40 1.21 0.00	53.87 0.65 0.00	65.66 0.58 0.00	62.21 0.96 0.00	67.26 1.56 0.00	85.16 2.50 0.90	209.09 5.89 -26.87	696.81 18.03 -105.75	891.76 27.59 -140.57	772.94 21.01 -98.91	1617.30 73.42 -192.73	1590.48 95.76 -103.77	1053.56 70.29 -48.44	589.26 36.75 -13.66	277.55 18.39 -1.80	170.60 10.72 0.00	103.92 5.88 0.00
E_FISHKILL___LBMP 23776	68.25 3.20 0.00	70.46 2.94 0.00	67.05 2.88 0.00	59.02 2.51 0.00	58.16 2.60 0.00	64.48 2.65 0.00	59.44 2.39 0.00	59.19 3.00 0.00	56.35 3.14 0.00	69.08 4.00 0.00	65.61 4.37 0.00	70.93 5.23 0.00	90.68 7.12 0.00	192.29 15.96 0.00	627.39 54.35 0.00	1121.04 73.01 -324.44	829.54 63.17 -113.35	1887.37 136.51 -399.70	2097.71 139.71 -567.03	1522.15 91.31 -496.01	609.83 48.94 -22.04	288.41 22.86 -8.18	201.67 12.56 -29.23	105.31 7.26 0.00
FALCON___SEABRD_CC1 323796	63.78 -1.28 0.00	66.92 -0.60 0.00	63.75 -0.43 0.00	56.09 -0.43 0.00	54.92 -0.64 0.00	61.20 -0.63 0.00	56.66 -0.40 0.00	56.04 -0.15 0.00	52.78 -0.43 0.00	64.12 -0.96 0.00	60.04 -1.21 0.00	64.00 -1.70 0.00	74.41 -3.04 6.11	94.32 -6.70 75.30	283.42 -22.53 267.09	338.31 -23.60 361.69	361.92 -16.75 274.36	785.28 -31.88 534.00	1126.95 -39.33 224.68	834.01 -33.33 67.48	508.24 -12.96 17.64	247.52 -7.57 2.28	156.15 -3.72 0.00	94.61 -3.44 0.00
FALCON___SEABRD_CC2 323797	63.78 -1.28 0.00	66.92 -0.60 0.00	63.75 -0.43 0.00	56.09 -0.43 0.00	54.92 -0.64 0.00	61.20 -0.63 0.00	56.66 -0.40 0.00	56.04 -0.15 0.00	52.78 -0.43 0.00	64.12 -0.96 0.00	60.04 -1.21 0.00	64.00 -1.70 0.00	74.41 -3.04 6.11	94.32 -6.70 75.30	283.42 -22.53 267.09	338.31 -23.60 361.69	361.92 -16.75 274.36	785.28 -31.88 534.00	1126.95 -39.33 224.68	834.01 -33.33 67.48	508.24 -12.96 17.64	247.52 -7.57 2.28	156.15 -3.72 0.00	94.61 -3.44 0.00



FAR ROCKAWAY___4 23548	156.21 5.42 -85.73	88.69 5.00 -16.17	68.98 4.81 0.00	61.08 4.56 0.00	60.33 4.77 0.00	66.83 5.00 0.00	61.65 4.60 0.00	65.03 5.51 -3.32	58.53 5.31 0.00	89.88 6.57 -18.24	87.08 7.00 -18.84	134.38 8.37 -60.30	196.12 11.48 -101.08	340.24 26.33 -137.57	1050.61 90.94 -386.64	2655.40 122.96 -1808.84	2558.30 106.57 -1798.70	5321.91 228.22 -3742.53	5983.86 229.54 -4363.36	3402.85 150.74 -2317.28	1208.44 82.46 -587.13	369.73 34.98 -77.38	211.00 20.16 -30.96	109.61 11.56 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	69.26 4.21 0.00	71.53 4.02 0.00	68.13 3.95 0.00	59.91 3.39 0.00	59.07 3.50 0.00	65.46 3.63 0.00	60.31 3.26 0.00	60.24 4.06 0.00	57.63 4.42 0.00	70.68 5.60 0.00	67.06 5.82 0.00	72.55 6.84 0.00	92.90 9.35 0.00	197.38 21.05 0.00	645.37 72.33 0.00	1136.83 95.26 -317.97	846.41 82.30 -111.09	1917.57 174.67 -391.75	2124.87 178.18 -555.73	1538.88 117.75 -486.30	624.05 63.58 -21.62	294.97 29.57 -8.03	204.15 15.61 -28.66	107.03 8.98 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	69.33 4.27 0.00	71.60 4.09 0.00	68.19 4.02 0.00	59.95 3.44 0.00	59.11 3.55 0.00	65.52 3.69 0.00	60.36 3.31 0.00	60.30 4.11 0.00	57.68 4.46 0.00	70.74 5.66 0.00	67.11 5.87 0.00	72.61 6.91 0.00	92.98 9.43 0.00	197.53 21.20 0.00	645.92 72.89 0.00	1139.35 97.79 -317.97	847.26 83.14 -111.09	1918.92 176.02 -391.75	2126.18 179.49 -555.73	1539.81 118.69 -486.30	624.63 64.17 -21.62	295.26 29.86 -8.03	204.38 15.83 -28.66	107.16 9.11 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	69.21 4.15 0.00	71.48 3.97 0.00	68.08 3.91 0.00	59.86 3.35 0.00	59.04 3.47 0.00	65.42 3.59 0.00	60.28 3.23 0.00	60.20 4.01 0.00	57.59 4.38 0.00	70.63 5.55 0.00	67.02 5.78 0.00	72.48 6.78 0.00	92.82 9.26 0.00	197.18 20.85 0.00	644.78 71.74 0.00	1137.80 96.23 -317.97	845.85 81.74 -111.09	1916.06 173.16 -391.75	2123.00 176.31 -555.73	1537.71 116.58 -486.30	623.33 62.87 -21.62	294.57 29.17 -8.03	203.93 15.39 -28.66	106.91 8.86 0.00
FARRAGUT___LBMP 323566	69.12 4.06 0.00	71.41 3.90 0.00	68.00 3.83 0.00	59.80 3.28 0.00	58.97 3.40 0.00	65.34 3.51 0.00	60.19 3.14 0.00	60.13 3.94 0.00	57.49 4.28 0.00	70.52 5.44 0.00	66.91 5.67 0.00	72.37 6.67 0.00	92.67 9.12 0.00	196.93 20.60 0.00	643.70 70.66 0.00	1136.51 94.94 -317.97	844.78 80.67 -111.09	1913.60 170.70 -391.75	2120.87 174.17 -555.73	1536.50 115.37 -486.30	622.60 62.14 -21.62	294.30 28.90 -8.03	203.77 15.23 -28.66	106.79 8.74 0.00
FENNER___WINDPWR 24204	66.39 1.33 0.00	68.68 1.16 0.00	65.05 0.88 0.00	57.25 0.74 0.00	56.25 0.68 0.00	62.71 0.88 0.00	57.97 0.92 0.00	57.17 0.98 0.00	54.18 0.96 0.00	66.49 1.41 0.00	62.79 1.55 0.00	67.59 1.89 0.00	82.69 2.75 3.62	199.68 5.93 -17.42	663.52 18.97 -71.51	845.96 24.71 -97.65	732.63 20.71 -58.90	1507.86 41.75 -114.95	1512.50 39.00 -82.53	1017.18 32.78 -49.57	574.69 20.96 -14.88	269.58 10.24 -1.98	165.41 5.53 0.00	101.53 3.49 0.00
FIBERTEK___ENERGY 23856	65.09 0.03 0.00	67.26 -0.25 0.00	63.67 -0.50 0.00	56.09 -0.43 0.00	55.15 -0.42 0.00	61.54 -0.29 0.00	56.68 -0.37 0.00	55.89 -0.30 0.00	53.06 -0.15 0.00	65.25 0.17 0.00	61.78 0.54 0.00	66.49 0.79 0.00	83.73 1.28 1.10	182.56 2.51 -3.72	579.61 7.42 0.85	730.76 7.17 0.00	657.32 4.30 0.00	1355.00 3.85 0.00	1385.75 -3.69 1.53	928.60 -0.89 5.34	539.89 1.28 0.23	258.42 1.05 0.00	160.47 0.59 0.00	99.01 0.97 0.00
FITZPATRICK___ 23598	63.45 -1.61 0.00	65.65 -1.87 0.00	62.25 -1.92 0.00	54.82 -1.69 0.00	53.89 -1.67 0.00	59.99 -1.84 0.00	55.35 -1.70 0.00	54.54 -1.65 0.00	51.76 -1.45 0.00	63.52 -1.55 0.00	60.00 -1.25 0.00	64.52 -1.18 0.00	71.41 -1.34 10.81	149.59 -3.04 23.70	562.42 -10.61 0.00	707.23 -16.36 0.00	636.92 -16.10 0.00	1312.72 -38.44 0.00	1345.58 -45.38 0.00	905.33 -29.50 0.00	523.65 -15.20 0.00	250.21 -7.15 0.00	155.71 -4.17 0.00	96.02 -2.03 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	69.38 4.32 0.00	71.53 4.01 0.00	67.98 3.81 0.00	59.79 3.27 0.00	58.88 3.31 0.00	65.28 3.45 0.00	60.22 3.17 0.00	60.02 3.84 0.00	57.20 3.99 0.00	70.25 5.17 0.00	66.82 5.58 0.00	72.30 6.60 0.00	92.53 8.97 0.00	196.42 20.09 0.00	641.39 68.35 0.00	1101.86 91.63 -286.63	833.53 80.37 -100.14	1877.58 173.14 -353.29	2087.61 176.09 -520.55	1511.83 115.49 -461.51	622.77 61.98 -21.94	294.33 28.81 -8.15	204.38 15.78 -28.72	107.27 9.23 0.00
FORT ORANGE___ 23900	66.13 1.07 0.00	68.17 0.65 0.00	64.86 0.69 0.00	57.26 0.74 0.00	56.37 0.81 0.00	62.47 0.63 0.00	57.68 0.63 0.00	57.01 0.82 0.00	53.87 0.66 0.00	65.74 0.66 0.00	57.93 0.88 4.19	66.83 1.12 0.00	85.20 1.65 0.00	180.06 3.73 0.00	585.48 12.44 0.00	741.67 18.07 0.00	669.07 16.05 0.00	1399.60 45.08 -3.36	1562.51 53.86 -117.69	1487.64 34.02 -518.79	610.74 17.48 -54.42	286.04 8.47 -20.21	201.29 4.79 -36.61	100.73 2.69 0.00
FORT_DRUM_COGEN 23780	64.41 -0.65 0.00	66.35 -1.16 0.00	62.82 -1.35 0.00	55.25 -1.27 0.00	54.13 -1.43 0.00	60.54 -1.29 0.00	56.35 -0.70 0.00	55.65 -0.54 0.00	52.78 -0.43 0.00	64.28 -0.80 0.00	59.88 -1.36 0.00	64.25 -1.46 0.00	46.66 -3.03 33.86	59.13 -8.78 108.42	32.13 -23.79 517.12	1.35 -31.33 690.92	242.87 -31.70 378.45	557.55 -54.17 739.44	691.25 -43.44 656.27	386.49 -3.09 545.25	417.33 8.11 129.63	246.34 5.41 16.44	165.77 5.89 0.00	100.87 2.82 0.00
FOX_HILLS___ESR 323835	65.34 3.68 3.39	56.48 3.44 14.47	56.70 3.56 11.03	57.68 3.05 1.89	56.63 3.17 2.10	57.15 3.24 7.92	59.12 2.94 0.87	59.93 3.74 0.00	57.35 4.13 0.00	70.35 5.27 0.00	66.83 5.56 -0.03	72.96 6.48 -0.78	92.69 8.89 -0.25	196.65 20.23 -0.09	640.97 67.68 -0.26	1131.83 89.92 -318.31	841.46 77.34 -111.10	1899.25 157.06 -391.03	2105.85 159.12 -555.77	1530.91 109.76 -486.33	619.94 59.47 -21.62	294.14 28.75 -8.03	203.41 14.87 -28.66	112.83 8.86 -5.92
FPL_FAR_ROCK_GT1 24212	156.09 5.31 -85.73	88.61 4.92 -16.17	68.92 4.75 0.00	61.07 4.56 0.00	60.34 4.78 0.00	66.82 4.98 0.00	61.66 4.60 0.00	64.99 5.47 -3.32	58.53 5.31 0.00	89.89 6.57 -18.24	87.06 6.97 -18.84	134.38 8.37 -60.30	196.04 11.40 -101.08	339.92 26.02 -137.57	1050.43 90.75 -386.64	2655.05 122.61 -1808.84	2557.93 106.20 -1798.70	5321.14 227.45 -3742.53	5983.74 229.43 -4363.36	3402.76 150.66 -2317.28	1208.42 82.44 -587.13	369.76 35.01 -77.38	210.97 20.13 -30.96	109.60 11.56 0.00
FPL_FAR_ROCK_GT2 23815	156.09 5.31 -85.73	88.61 4.92 -16.17	68.92 4.75 0.00	61.07 4.56 0.00	60.34 4.78 0.00	66.82 4.98 0.00	61.66 4.60 0.00	64.99 5.47 -3.32	58.53 5.31 0.00	89.89 6.57 -18.24	87.06 6.97 -18.84	134.38 8.37 -60.30	196.04 11.40 -101.08	339.92 26.02 -137.57	1050.43 90.75 -386.64	2655.05 122.61 -1808.84	2557.93 106.20 -1798.70	5321.14 227.45 -3742.53	5983.74 229.43 -4363.36	3402.76 150.66 -2317.28	1208.42 82.44 -587.13	369.76 35.01 -77.38	210.97 20.13 -30.96	109.60 11.56 0.00
FRANKLIN_FALL_HYD 24054	64.07 -0.99 0.00	66.90 -0.61 0.00	63.60 -0.57 0.00	55.92 -0.60 0.00	54.78 -0.79 0.00	61.15 -0.68 0.00	56.69 -0.36 0.00	55.76 -0.43 0.00	52.64 -0.58 0.00	63.78 -1.30 0.00	59.50 -1.74 0.00	63.28 -2.42 0.00	33.06 -4.16 46.34	78.18 -9.24 88.91	223.98 -29.41 319.65	272.10 -33.56 417.93	330.63 -23.96 298.44	722.12 -47.81 581.23	1035.13 -48.90 306.93	701.59 -38.13 195.11	487.04 -16.35 35.46	244.47 -8.72 4.18	155.97 -3.91 0.00	94.81 -3.23 0.00



FREEPORT_EQUS_GT1 23764	100.11 4.73 -30.32	76.49 4.04 -4.94	67.98 3.81 0.00	60.29 3.78 0.00	59.63 4.07 0.00	66.02 4.19 0.00	60.85 3.80 0.00	62.21 4.71 -1.31	57.85 4.63 0.00	75.68 5.63 -4.97	74.87 6.22 -7.40	95.59 7.48 -22.41	135.66 10.05 -42.06	246.13 22.10 -47.70	784.63 76.56 -135.04	1673.70 102.54 -847.56	1530.11 88.13 -788.96	4118.34 190.48 -2576.70	4802.48 193.26 -3218.26	2310.82 127.09 -1248.91	826.14 67.85 -219.44	315.91 29.26 -29.28	207.12 16.29 -30.95	107.74 9.70 0.00
FREEPORT___CT2 23818	100.11 4.73 -30.32	76.49 4.04 -4.94	67.98 3.81 0.00	60.29 3.78 0.00	59.63 4.07 0.00	66.02 4.19 0.00	60.85 3.80 0.00	62.21 4.71 -1.31	57.85 4.63 0.00	75.68 5.63 -4.97	74.87 6.22 -7.40	95.59 7.48 -22.41	135.66 10.05 -42.06	246.13 22.10 -47.70	784.63 76.56 -135.04	1673.70 102.54 -847.56	1530.11 88.13 -788.96	4118.34 190.48 -2576.70	4802.48 193.26 -3218.26	2310.82 127.09 -1248.91	826.14 67.85 -219.44	315.91 29.26 -29.28	207.12 16.29 -30.95	107.74 9.70 0.00
FRESHKLS_33_KV_LOAD 356253	65.32 3.66 3.39	56.44 3.40 14.47	56.66 3.52 11.03	57.63 3.01 1.89	56.52 3.06 2.10	57.03 3.11 7.92	59.01 2.82 0.87	59.85 3.66 0.00	57.29 4.07 0.00	70.25 5.17 0.00	66.79 5.55 0.00	72.11 6.43 0.02	92.58 8.95 -0.07	196.94 20.55 -0.06	640.57 67.54 0.00	1132.02 90.41 -318.02	843.06 78.94 -111.10	1902.39 160.15 -391.09	2108.81 162.08 -555.77	1534.97 113.81 -486.33	622.28 61.82 -21.62	295.44 30.04 -8.03	204.08 15.54 -28.66	113.26 9.30 -5.92
FULTON COGEN____ 23766	64.17 -0.88 0.00	66.34 -1.17 0.00	62.86 -1.31 0.00	55.36 -1.15 0.00	54.39 -1.17 0.00	60.55 -1.28 0.00	55.90 -1.15 0.00	55.10 -1.09 0.00	52.26 -0.95 0.00	64.21 -0.87 0.00	60.73 -0.51 0.00	65.38 -0.33 0.00	82.72 -0.14 0.70	175.74 -0.64 -0.04	534.50 -3.24 35.30	670.09 -7.12 46.39	620.30 -7.95 24.78	1279.86 -22.87 48.43	1315.68 -29.21 46.07	874.91 -18.27 41.65	520.92 -8.63 9.30	252.38 -3.82 1.16	157.68 -2.20 0.00	97.29 -0.76 0.00
FULTON___LFGE 323630	69.25 4.19 0.00	71.75 4.24 0.00	68.24 4.07 0.00	59.98 3.46 0.00	58.99 3.43 0.00	65.82 3.98 0.00	60.35 3.30 0.00	58.65 2.46 0.00	54.86 1.65 0.00	66.83 1.75 0.00	62.93 1.69 0.00	67.47 1.77 0.00	85.73 2.18 0.00	181.32 4.99 0.00	591.41 18.38 0.00	747.14 23.54 0.00	672.20 19.18 0.00	1407.16 50.65 -5.36	2287.99 71.87 -825.15	1830.32 65.64 -829.86	670.81 45.27 -86.70	311.12 21.56 -32.19	284.13 12.84 -111.42	105.77 7.72 0.00
G.F.CEMENT___DRP 24184	69.05 3.99 0.00	71.18 3.67 0.00	67.62 3.45 0.00	59.61 3.09 0.00	59.23 3.67 0.00	65.91 4.08 0.00	60.70 3.65 0.00	60.10 3.91 0.00	56.69 3.47 0.00	69.25 4.17 0.00	65.51 4.26 0.00	70.67 4.96 0.00	90.16 6.61 0.00	190.39 14.06 0.00	616.89 43.86 0.00	781.73 58.14 0.00	706.40 53.38 0.00	1489.57 132.94 -5.48	2424.51 147.30 -886.24	1880.31 97.59 -847.89	681.48 54.03 -88.60	315.97 25.70 -32.90	292.54 15.16 -117.51	106.41 8.36 0.00
GARDENVILLE___LBMP 24039	64.14 -0.92 0.00	66.01 -1.50 0.00	61.86 -2.31 0.00	54.80 -1.72 0.00	53.54 -2.02 0.00	60.12 -1.71 0.00	55.54 -1.51 0.00	54.47 -1.72 0.00	52.19 -1.03 0.00	65.21 0.13 0.00	62.49 1.25 0.00	67.42 1.72 0.00	86.83 3.27 0.00	179.87 4.41 0.87	566.90 11.12 17.26	556.99 2.53 169.14	505.11 -5.28 142.63	906.78 -31.32 413.06	1005.27 -65.47 320.22	877.93 -31.19 25.70	532.78 -9.96 -3.89	257.62 -1.20 -1.45	161.78 -2.93 -4.83	100.91 2.87 0.00
GARDNVLA_35_KV_LD 355827	64.64 -0.42 0.00	66.51 -1.01 0.00	62.35 -1.82 0.00	55.26 -1.26 0.00	53.99 -1.58 0.00	60.62 -1.21 0.00	56.03 -1.02 0.00	54.95 -1.24 0.00	52.65 -0.56 0.00	65.84 0.77 0.00	63.15 1.91 0.00	68.21 2.51 0.00	87.97 4.41 0.00	182.98 7.06 0.40	584.48 19.49 8.04	658.14 13.27 78.73	590.96 4.04 66.10	1147.45 -11.51 192.19	1210.97 -48.01 131.98	920.42 -20.72 -6.31	537.75 -4.87 -3.77	259.88 1.11 -1.40	162.97 -1.59 -4.68	101.68 3.63 0.00
GELCKHM___115KV_LOAD 80723	64.79 -0.27 0.00	66.96 -0.55 0.00	63.42 -0.75 0.00	55.87 -0.64 0.00	54.91 -0.66 0.00	61.23 -0.60 0.00	56.45 -0.60 0.00	55.66 -0.53 0.00	52.84 -0.38 0.00	64.97 -0.11 0.00	61.51 0.27 0.00	66.22 0.51 0.00	82.41 0.94 2.09	180.32 1.78 -2.22	577.08 4.98 0.94	727.32 3.73 0.00	654.53 1.51 0.00	1348.89 -2.27 0.00	1379.46 -9.81 1.69	924.06 -4.85 5.92	537.57 -1.02 0.26	257.21 -0.16 0.00	159.70 -0.18 0.00	98.54 0.49 0.00
GENERAL___MILLS 23808	64.47 -0.59 0.00	66.32 -1.19 0.00	62.19 -1.98 0.00	55.13 -1.39 0.00	53.88 -1.69 0.00	60.48 -1.35 0.00	55.90 -1.16 0.00	54.81 -1.38 0.00	52.51 -0.70 0.00	65.64 0.55 0.00	62.95 1.70 0.00	67.96 2.25 0.00	87.62 4.07 0.00	182.21 6.30 0.43	581.54 17.00 8.49	650.43 9.97 83.14	584.14 0.92 69.80	1129.91 -18.27 202.97	1195.44 -54.15 141.37	914.78 -24.67 -4.62	535.59 -7.03 -3.77	258.92 0.16 -1.40	162.40 -2.15 -4.67	101.35 3.30 0.00
GE_PLASTICS___DRP 24183	65.77 0.71 0.00	67.96 0.44 0.00	64.73 0.56 0.00	57.11 0.59 0.00	56.22 0.66 0.00	62.36 0.52 0.00	57.48 0.43 0.00	56.77 0.58 0.00	53.71 0.49 0.00	65.61 0.53 0.00	-12.19 0.79 74.23	66.79 1.09 0.00	85.09 1.53 0.00	179.71 3.38 0.00	584.32 11.28 0.00	739.39 15.80 0.00	666.40 13.38 0.00	1390.48 36.36 -2.96	1633.45 42.23 -200.26	1416.87 25.53 -456.51	599.43 12.63 -47.95	281.40 6.23 -17.81	203.97 3.61 -40.49	100.02 1.97 0.00
GILBOA___1 23756	66.76 1.70 0.00	69.50 1.98 0.00	66.51 2.34 0.00	58.58 2.06 0.00	57.67 2.11 0.00	64.04 2.21 0.00	59.02 1.96 0.00	58.03 1.84 0.00	54.70 1.49 0.00	67.00 1.92 0.00	63.45 2.21 0.00	68.35 2.65 0.00	86.90 3.34 0.00	183.16 6.83 0.00	596.36 23.33 0.00	693.68 30.08 60.01	657.44 25.39 20.96	1336.83 58.19 72.52	1548.40 61.37 -96.07	1093.56 37.07 -121.66	577.33 19.87 -18.61	274.72 10.44 -6.91	189.42 6.45 -23.09	101.96 3.91 0.00
GILBOA___2 23757	66.76 1.70 0.00	69.50 1.98 0.00	66.51 2.34 0.00	58.58 2.06 0.00	57.67 2.11 0.00	64.04 2.21 0.00	59.02 1.96 0.00	58.03 1.84 0.00	54.70 1.49 0.00	67.00 1.92 0.00	63.45 2.21 0.00	68.35 2.65 0.00	86.90 3.34 0.00	183.16 6.83 0.00	596.36 23.33 0.00	693.68 30.08 60.01	657.44 25.39 20.96	1336.83 58.19 72.52	1548.40 61.37 -96.07	1093.56 37.07 -121.66	577.33 19.87 -18.61	274.72 10.44 -6.91	189.42 6.45 -23.09	101.96 3.91 0.00
GILBOA___3 23758	66.76 1.70 0.00	69.50 1.98 0.00	66.51 2.34 0.00	58.58 2.06 0.00	57.67 2.11 0.00	64.04 2.21 0.00	59.02 1.96 0.00	58.03 1.84 0.00	54.70 1.49 0.00	67.00 1.92 0.00	63.45 2.21 0.00	68.35 2.65 0.00	86.90 3.34 0.00	183.16 6.83 0.00	596.36 23.33 0.00	693.68 30.08 60.01	657.44 25.39 20.96	1336.83 58.19 72.52	1548.40 61.37 -96.07	1093.56 37.07 -121.66	577.33 19.87 -18.61	274.72 10.44 -6.91	189.42 6.45 -23.09	101.96 3.91 0.00
GILBOA___4 23759	66.76 1.70 0.00	69.50 1.98 0.00	66.51 2.34 0.00	58.58 2.06 0.00	57.67 2.11 0.00	64.04 2.21 0.00	59.02 1.96 0.00	58.03 1.84 0.00	54.70 1.49 0.00	67.00 1.92 0.00	63.45 2.21 0.00	68.35 2.65 0.00	86.90 3.34 0.00	183.16 6.83 0.00	596.36 23.33 0.00	693.68 30.08 60.01	657.44 25.39 20.96	1336.83 58.19 72.52	1548.40 61.37 -96.07	1093.56 37.07 -121.66	577.33 19.87 -18.61	274.72 10.44 -6.91	189.42 6.45 -23.09	101.96 3.91 0.00



GILBOA____ 23599	66.76 1.70 0.00	69.50 1.99 0.00	66.51 2.34 0.00	58.58 2.06 0.00	57.67 2.11 0.00	64.04 2.21 0.00	59.02 1.97 0.00	58.03 1.84 0.00	54.71 1.49 0.00	67.00 1.92 0.00	63.45 2.21 0.00	68.35 2.64 0.00	86.88 3.33 0.00	183.16 6.83 0.00	596.38 23.35 0.00	693.70 30.11 60.01	657.46 25.40 20.96	1336.83 58.19 72.52	1548.41 61.38 -96.07	1093.64 37.14 -121.66	577.34 19.88 -18.61	274.71 10.43 -6.91	189.43 6.45 -23.09	101.96 3.91 0.00
GINNA____ 23603	63.30 -1.76 0.00	65.14 -2.38 0.00	61.44 -2.74 0.00	54.22 -2.29 0.00	53.15 -2.42 0.00	59.51 -2.32 0.00	54.96 -2.09 0.00	54.12 -2.07 0.00	51.68 -1.54 0.00	64.07 -1.01 0.00	61.13 -0.11 0.00	66.04 0.33 0.00	84.72 1.16 0.00	177.64 1.31 0.00	574.79 1.75 0.00	719.46 -4.15 -0.02	644.71 -8.43 -0.12	1320.17 -31.01 -0.03	1341.26 -49.73 -0.04	908.59 -26.23 0.00	527.96 -10.89 0.00	252.88 -4.49 0.00	155.72 -4.16 0.00	97.64 -0.41 0.00
GLEN PARK____ 23778	64.78 -0.27 0.00	66.63 -0.89 0.00	63.05 -1.12 0.00	55.44 -1.08 0.00	54.33 -1.23 0.00	60.77 -1.06 0.00	56.55 -0.50 0.00	55.80 -0.39 0.00	52.86 -0.35 0.00	64.37 -0.71 0.00	59.94 -1.30 0.00	64.26 -1.45 0.00	48.71 -2.97 31.88	66.05 -8.45 101.82	62.68 -22.97 487.38	41.47 -30.96 651.16	264.84 -31.63 356.55	602.62 -51.89 696.65	733.07 -39.19 618.71	421.06 0.59 514.36	428.16 11.56 122.24	249.19 7.32 15.50	166.76 6.87 0.00	101.37 3.32 0.00
GLENDALE_27_KV_LOAD 356172	69.39 4.33 0.00	71.72 4.21 0.00	68.40 4.23 0.00	60.16 3.65 0.00	59.33 3.76 0.00	65.75 3.92 0.00	60.64 3.59 0.00	60.53 4.34 0.00	57.88 4.66 0.00	70.93 5.85 0.00	67.44 5.98 -0.21	79.72 7.01 -7.00	94.64 9.55 -1.54	198.10 21.54 -0.23	648.90 73.58 -2.28	1141.80 97.70 -320.50	847.77 83.65 -111.10	1919.12 175.77 -392.19	2127.45 180.72 -555.77	1541.13 119.97 -486.33	625.03 64.56 -21.62	295.85 30.45 -8.03	204.65 16.11 -28.66	107.37 9.33 0.00
GLENWOOD_IC_1_G5 23712	88.26 4.70 -18.51	74.29 4.23 -2.54	68.20 4.03 0.00	60.22 3.71 0.00	59.45 3.89 0.00	65.87 4.04 0.00	60.73 3.67 0.00	61.58 4.51 -0.88	57.78 4.56 0.00	73.14 5.52 -2.55	72.31 6.11 -4.96	88.17 7.31 -15.15	125.24 9.93 -31.76	231.73 22.12 -33.29	743.17 74.62 -95.52	1518.68 99.63 -695.46	1393.93 85.87 -655.04	4043.07 183.51 -2508.41	4686.25 186.01 -3109.28	2145.54 122.33 -1088.38	759.96 65.61 -155.50	308.32 29.18 -21.76	206.67 15.84 -30.95	107.21 9.16 0.00
GLENWOOD_IC_2_G1 23688	75.26 4.23 -5.98	71.37 3.85 0.00	67.87 3.70 0.00	59.90 3.39 0.00	59.11 3.54 0.00	65.48 3.65 0.00	60.37 3.32 0.00	60.70 4.09 -0.43	57.42 4.20 0.00	70.35 5.24 -0.04	69.34 5.72 -2.38	80.09 6.81 -7.58	113.72 9.22 -20.95	210.89 20.66 -13.90	680.39 70.65 -36.70	1278.78 94.57 -460.61	1043.94 81.42 -309.50	3545.85 174.30 -2020.39	4257.10 177.50 -2688.65	1913.34 116.85 -861.67	691.19 62.97 -89.38	299.85 28.33 -14.15	206.30 15.47 -30.95	107.04 9.00 0.00
GLENWOOD_IC_3_G1 23689	75.26 4.23 -5.98	71.37 3.85 0.00	67.87 3.70 0.00	59.90 3.39 0.00	59.11 3.54 0.00	65.48 3.65 0.00	60.37 3.32 0.00	60.70 4.09 -0.43	57.42 4.20 0.00	70.35 5.24 -0.04	69.34 5.72 -2.38	80.09 6.81 -7.58	113.72 9.22 -20.95	210.89 20.66 -13.90	680.39 70.65 -36.70	1278.78 94.57 -460.61	1043.94 81.42 -309.50	3545.85 174.30 -2020.39	4257.10 177.50 -2688.65	1913.34 116.85 -861.67	691.19 62.97 -89.38	299.85 28.33 -14.15	206.30 15.47 -30.95	107.04 9.00 0.00
GLENWOOD____4 23550	88.26 4.70 -18.51	74.29 4.23 -2.54	68.20 4.03 0.00	60.22 3.71 0.00	59.45 3.89 0.00	65.87 4.04 0.00	60.73 3.67 0.00	61.58 4.51 -0.88	57.78 4.57 0.00	73.21 5.59 -2.55	72.41 6.20 -4.96	88.25 7.39 -15.15	125.34 10.02 -31.76	232.06 22.45 -33.29	744.49 75.94 -95.52	1520.65 101.60 -695.46	1395.68 87.62 -655.04	4046.37 186.81 -2508.41	4689.50 189.26 -3109.28	2147.48 124.27 -1088.38	761.16 66.82 -155.50	308.87 29.73 -21.76	207.09 16.26 -30.95	107.43 9.38 0.00
GLENWOOD____5 23614	88.26 4.70 -18.51	74.29 4.23 -2.54	68.20 4.03 0.00	60.22 3.71 0.00	59.45 3.89 0.00	65.87 4.04 0.00	60.73 3.67 0.00	61.58 4.51 -0.88	57.78 4.57 0.00	73.21 5.59 -2.55	72.41 6.20 -4.96	88.25 7.39 -15.15	125.34 10.02 -31.76	232.06 22.45 -33.29	744.49 75.94 -95.52	1520.65 101.60 -695.46	1395.68 87.62 -655.04	4046.37 186.81 -2508.41	4689.50 189.26 -3109.28	2147.48 124.27 -1088.38	761.16 66.82 -155.50	308.87 29.73 -21.76	207.09 16.26 -30.95	107.43 9.38 0.00
GLOBAL GREEN_PORT_GT1 23814	69.37 4.95 0.64	71.32 5.15 1.34	69.66 5.49 0.00	62.46 5.95 0.00	61.88 6.31 0.00	68.28 6.45 0.00	63.00 5.94 0.00	63.27 6.89 -0.19	59.76 6.54 0.00	70.78 7.18 1.48	70.53 8.28 -1.01	94.22 10.92 -17.60	158.32 12.74 -62.02	289.12 27.53 -85.27	673.92 92.73 -8.15	1200.33 109.87 -366.86	1011.48 88.04 -270.41	3542.42 179.49 -2011.77	4174.79 177.44 -2606.39	1739.80 112.50 -692.47	627.71 51.33 -37.53	282.18 20.22 -4.60	207.98 11.65 -36.45	113.61 10.05 -5.50
GLOBE____DSASP 323697	62.49 -2.57 0.00	64.49 -3.02 0.00	60.62 -3.56 0.00	53.85 -2.67 0.00	52.60 -2.97 0.00	59.14 -2.70 0.00	54.49 -2.56 0.00	53.20 -2.99 0.00	50.95 -2.27 0.00	63.57 -1.51 0.00	61.04 -0.20 0.00	65.80 0.10 0.00	84.58 1.03 0.00	174.80 -1.19 0.34	556.36 -9.96 6.71	630.89 -26.95 65.75	569.10 -28.72 55.21	1098.09 -92.56 160.50	1152.23 -130.39 108.34	866.50 -76.22 -7.90	508.08 -34.20 -3.43	245.31 -13.33 -1.27	154.23 -9.91 -4.26	97.72 -0.32 0.00
GOETHSLN____LBMP 323567	64.18 3.61 4.49	56.46 3.42 14.48	56.54 3.39 11.02	57.52 2.90 1.89	56.49 3.03 2.11	56.99 3.08 7.93	58.94 2.76 0.87	59.74 3.55 0.00	57.15 3.93 0.00	70.05 4.98 0.11	66.42 5.28 3.57	68.42 6.28 0.78	91.35 8.57 0.12	195.60 19.39 0.12	638.91 67.04 1.16	1130.21 89.95 -316.66	839.87 75.76 -111.09	1895.14 160.90 -383.09	2102.35 164.61 -546.78	1529.97 108.90 -486.24	619.08 58.62 -21.61	292.40 27.00 -8.02	202.63 14.09 -28.66	106.16 8.11 0.00
GOLAH____69_KV_TB 1_2 80279	66.45 1.39 0.00	68.30 0.78 0.00	64.28 0.11 0.00	56.85 0.34 0.00	55.67 0.10 0.00	62.41 0.58 0.00	57.64 0.59 0.00	56.62 0.43 0.00	54.03 0.82 0.00	67.07 1.99 0.00	64.08 2.84 0.00	69.05 3.35 0.00	88.63 5.07 0.00	185.62 9.29 0.00	600.12 27.09 0.00	747.59 23.95 -0.05	669.37 16.01 -0.33	1367.22 15.82 -0.24	1411.81 -2.86 -23.71	970.36 10.27 -25.27	554.09 12.53 -2.71	296.83 7.48 -31.98	253.32 3.34 -90.10	103.26 5.22 0.00
GOODYEAR_LAKE_HYD 323669	67.68 2.62 0.00	70.26 2.74 0.00	66.79 2.62 0.00	58.73 2.22 0.00	57.71 2.15 0.00	64.31 2.48 0.00	59.33 2.28 0.00	58.46 2.27 0.00	55.43 2.21 0.00	68.12 3.05 0.00	64.54 3.30 0.00	69.50 3.79 0.00	88.59 5.04 0.00	187.11 10.78 0.00	608.67 35.63 0.00	770.20 46.60 0.00	692.93 39.91 0.00	1434.16 81.04 -1.96	1767.53 79.11 -297.46	1293.73 56.29 -302.61	604.04 33.45 -31.74	285.23 16.08 -11.79	209.27 8.80 -40.59	103.55 5.50 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	65.80 0.74 0.00	68.20 0.69 0.00	64.42 0.24 0.00	56.68 0.16 0.00	55.72 0.15 0.00	62.02 0.19 0.00	57.27 0.22 0.00	56.48 0.29 0.00	53.63 0.42 0.00	66.24 1.16 0.00	62.87 1.63 0.00	67.87 2.16 0.00	87.80 3.49 -0.76	185.32 7.31 -1.67	597.38 24.35 0.00	754.69 31.10 0.00	675.02 22.00 0.00	1395.14 43.50 -0.49	1491.60 31.35 -69.28	1032.77 23.13 -74.81	561.28 14.52 -7.92	269.47 9.16 -2.94	173.32 3.61 -9.83	101.08 3.03 0.00



GOUDEY___7 23579	65.80 0.74 0.00	68.20 0.69 0.00	64.42 0.24 0.00	56.68 0.16 0.00	55.72 0.15 0.00	62.02 0.19 0.00	57.27 0.22 0.00	56.48 0.29 0.00	53.63 0.42 0.00	66.24 1.16 0.00	62.87 1.63 0.00	67.87 2.16 0.00	87.80 3.49 -0.76	185.32 7.31 -1.67	597.38 24.35 0.00	754.69 31.10 0.00	675.02 22.00 0.00	1395.14 43.50 -0.49	1491.60 31.35 -69.28	1032.77 23.13 -74.81	561.28 14.52 -7.92	269.47 9.16 -2.94	173.32 3.61 -9.83	101.08 3.03 0.00
GOUDEY___8 23580	65.80 0.74 0.00	68.20 0.69 0.00	64.42 0.24 0.00	56.68 0.16 0.00	55.72 0.15 0.00	62.02 0.19 0.00	57.27 0.22 0.00	56.48 0.29 0.00	53.63 0.42 0.00	66.24 1.16 0.00	62.87 1.63 0.00	67.87 2.16 0.00	87.80 3.49 -0.76	185.32 7.31 -1.67	597.38 24.35 0.00	754.69 31.10 0.00	675.02 22.00 0.00	1395.14 43.50 -0.49	1491.60 31.35 -69.28	1032.77 23.13 -74.81	561.28 14.52 -7.92	269.47 9.16 -2.94	173.32 3.61 -9.83	101.08 3.03 0.00
GOWANUS_GT1_1 24077	69.03 3.97 0.00	71.33 3.82 0.00	68.07 3.90 0.00	59.88 3.37 0.00	59.02 3.46 0.00	65.39 3.57 0.00	60.30 3.25 0.00	60.21 4.02 0.00	57.62 4.40 0.00	70.70 5.61 0.00	68.04 5.86 -0.94	102.70 6.83 -30.16	99.43 9.25 -6.62	198.16 20.83 -0.99	653.22 70.37 -9.82	1145.38 92.74 -329.05	842.86 78.74 -111.10	1906.46 161.73 -393.57	2110.80 164.06 -555.77	1532.09 110.93 -486.33	620.18 59.71 -21.62	293.80 28.40 -8.03	203.24 14.70 -28.66	112.76 8.79 -5.92
GOWANUS_GT1_2 24078	69.03 3.97 0.00	71.33 3.82 0.00	68.07 3.90 0.00	59.88 3.37 0.00	59.02 3.46 0.00	65.39 3.57 0.00	60.30 3.25 0.00	60.21 4.02 0.00	57.62 4.40 0.00	70.70 5.61 0.00	68.04 5.86 -0.94	102.70 6.83 -30.16	99.43 9.25 -6.62	198.16 20.83 -0.99	653.22 70.37 -9.82	1145.38 92.74 -329.05	842.86 78.74 -111.10	1906.46 161.73 -393.57	2110.80 164.06 -555.77	1532.09 110.93 -486.33	620.18 59.71 -21.62	293.80 28.40 -8.03	203.24 14.70 -28.66	112.76 8.79 -5.92
GOWANUS_GT1_3 24079	69.03 3.97 0.00	71.33 3.82 0.00	68.07 3.90 0.00	59.88 3.37 0.00	59.02 3.46 0.00	65.39 3.57 0.00	60.30 3.25 0.00	60.21 4.02 0.00	57.62 4.40 0.00	70.70 5.61 0.00	68.04 5.86 -0.94	102.70 6.83 -30.16	99.43 9.25 -6.62	198.16 20.83 -0.99	653.22 70.37 -9.82	1145.38 92.74 -329.05	842.86 78.74 -111.10	1906.46 161.73 -393.57	2110.80 164.06 -555.77	1532.09 110.93 -486.33	620.18 59.71 -21.62	293.80 28.40 -8.03	203.24 14.70 -28.66	112.76 8.79 -5.92
GOWANUS_GT1_4 24080	69.03 3.97 0.00	71.33 3.82 0.00	68.07 3.90 0.00	59.88 3.37 0.00	59.02 3.46 0.00	65.39 3.57 0.00	60.30 3.25 0.00	60.21 4.02 0.00	57.62 4.40 0.00	70.70 5.61 0.00	68.04 5.86 -0.94	102.70 6.83 -30.16	99.43 9.25 -6.62	198.16 20.83 -0.99	653.22 70.37 -9.82	1145.38 92.74 -329.05	842.86 78.74 -111.10	1906.46 161.73 -393.57	2110.80 164.06 -555.77	1532.09 110.93 -486.33	620.18 59.71 -21.62	293.80 28.40 -8.03	203.24 14.70 -28.66	112.76 8.79 -5.92
GOWANUS_GT1_5 24084	69.03 3.97 0.00	71.33 3.82 0.00	68.07 3.90 0.00	59.88 3.37 0.00	59.02 3.46 0.00	65.39 3.57 0.00	60.30 3.25 0.00	60.21 4.02 0.00	57.62 4.40 0.00	70.70 5.61 0.00	68.04 5.86 -0.94	102.70 6.83 -30.16	99.43 9.25 -6.62	198.16 20.83 -0.99	653.22 70.37 -9.82	1145.38 92.74 -329.05	842.86 78.74 -111.10	1906.46 161.73 -393.57	2110.80 164.06 -555.77	1532.09 110.93 -486.33	620.18 59.71 -21.62	293.80 28.40 -8.03	203.24 14.70 -28.66	112.76 8.79 -5.92
GOWANUS_GT1_6 24111	69.03 3.97 0.00	71.33 3.82 0.00	68.07 3.90 0.00	59.88 3.37 0.00	59.02 3.46 0.00	65.39 3.57 0.00	60.30 3.25 0.00	60.21 4.02 0.00	57.62 4.40 0.00	70.70 5.61 0.00	68.04 5.86 -0.94	102.70 6.83 -30.16	99.43 9.25 -6.62	198.16 20.83 -0.99	653.22 70.37 -9.82	1145.38 92.74 -329.05	842.86 78.74 -111.10	1906.46 161.73 -393.57	2110.80 164.06 -555.77	1532.09 110.93 -486.33	620.18 59.71 -21.62	293.80 28.40 -8.03	203.24 14.70 -28.66	112.76 8.79 -5.92
GOWANUS_GT1_7 24112	69.03 3.97 0.00	71.33 3.82 0.00	68.07 3.90 0.00	59.88 3.37 0.00	59.02 3.46 0.00	65.39 3.57 0.00	60.30 3.25 0.00	60.21 4.02 0.00	57.62 4.40 0.00	70.70 5.61 0.00	68.04 5.86 -0.94	102.70 6.83 -30.16	99.43 9.25 -6.62	198.16 20.83 -0.99	653.22 70.37 -9.82	1145.38 92.74 -329.05	842.86 78.74 -111.10	1906.46 161.73 -393.57	2110.80 164.06 -555.77	1532.09 110.93 -486.33	620.18 59.71 -21.62	293.80 28.40 -8.03	203.24 14.70 -28.66	112.76 8.79 -5.92
GOWANUS_GT1_8 24113	69.03 3.97 0.00	71.33 3.82 0.00	68.07 3.90 0.00	59.88 3.37 0.00	59.02 3.46 0.00	65.39 3.57 0.00	60.30 3.25 0.00	60.21 4.02 0.00	57.62 4.40 0.00	70.70 5.61 0.00	68.04 5.86 -0.94	102.70 6.83 -30.16	99.43 9.25 -6.62	198.16 20.83 -0.99	653.22 70.37 -9.82	1145.38 92.74 -329.05	842.86 78.74 -111.10	1906.46 161.73 -393.57	2110.80 164.06 -555.77	1532.09 110.93 -486.33	620.18 59.71 -21.62	293.80 28.40 -8.03	203.24 14.70 -28.66	112.76 8.79 -5.92
GOWANUS_GT2_1 24114	69.04 3.98 0.00	71.33 3.81 0.00	68.06 3.89 0.00	59.88 3.37 0.00	59.02 3.45 0.00	65.39 3.56 0.00	60.31 3.25 0.00	60.21 4.02 0.00	57.62 4.41 0.00	70.69 5.61 0.00	67.26 5.88 -0.14	76.98 6.81 -4.46	93.77 9.24 -0.98	197.27 20.79 -0.15	644.35 69.86 -1.45	1136.03 92.87 -319.56	842.84 78.72 -111.10	1903.04 160.53 -391.36	2110.89 164.17 -555.77	1531.92 110.76 -486.33	620.17 59.71 -21.62	293.77 28.38 -8.03	203.19 14.65 -28.66	112.76 8.78 -5.92
GOWANUS_GT2_2 24115	69.04 3.98 0.00	71.33 3.81 0.00	68.06 3.89 0.00	59.88 3.37 0.00	59.02 3.45 0.00	65.39 3.56 0.00	60.31 3.25 0.00	60.21 4.02 0.00	57.62 4.41 0.00	70.69 5.61 0.00	67.26 5.88 -0.14	76.98 6.81 -4.46	93.77 9.24 -0.98	197.27 20.79 -0.15	644.35 69.86 -1.45	1136.03 92.87 -319.56	842.84 78.72 -111.10	1903.04 160.53 -391.36	2110.89 164.17 -555.77	1531.92 110.76 -486.33	620.17 59.71 -21.62	293.77 28.38 -8.03	203.19 14.65 -28.66	112.76 8.78 -5.92
GOWANUS_GT2_3 24116	69.04 3.98 0.00	71.33 3.81 0.00	68.06 3.89 0.00	59.88 3.37 0.00	59.02 3.45 0.00	65.39 3.56 0.00	60.31 3.25 0.00	60.21 4.02 0.00	57.62 4.41 0.00	70.69 5.61 0.00	67.26 5.88 -0.14	76.98 6.81 -4.46	93.77 9.24 -0.98	197.27 20.79 -0.15	644.35 69.86 -1.45	1136.03 92.87 -319.56	842.84 78.72 -111.10	1903.04 160.53 -391.36	2110.89 164.17 -555.77	1531.92 110.76 -486.33	620.17 59.71 -21.62	293.77 28.38 -8.03	203.19 14.65 -28.66	112.76 8.78 -5.92
GOWANUS_GT2_4 24117	69.04 3.98 0.00	71.33 3.81 0.00	68.06 3.89 0.00	59.88 3.37 0.00	59.02 3.45 0.00	65.39 3.56 0.00	60.31 3.25 0.00	60.21 4.02 0.00	57.62 4.41 0.00	70.69 5.61 0.00	67.26 5.88 -0.14	76.98 6.81 -4.46	93.77 9.24 -0.98	197.27 20.79 -0.15	644.35 69.86 -1.45	1136.03 92.87 -319.56	842.84 78.72 -111.10	1903.04 160.53 -391.36	2110.89 164.17 -555.77	1531.92 110.76 -486.33	620.17 59.71 -21.62	293.77 28.38 -8.03	203.19 14.65 -28.66	112.76 8.78 -5.92
GOWANUS_GT2_5 24118	69.04 3.98 0.00	71.33 3.81 0.00	68.06 3.89 0.00	59.88 3.37 0.00	59.02 3.45 0.00	65.39 3.56 0.00	60.31 3.25 0.00	60.21 4.02 0.00	57.62 4.41 0.00	70.69 5.61 0.00	67.26 5.88 -0.14	76.98 6.81 -4.46	93.77 9.24 -0.98	197.27 20.79 -0.15	644.35 69.86 -1.45	1136.03 92.87 -319.56	842.84 78.72 -111.10	1903.04 160.53 -391.36	2110.89 164.17 -555.77	1531.92 110.76 -486.33	620.17 59.71 -21.62	293.77 28.38 -8.03	203.19 14.65 -28.66	112.76 8.78 -5.92



GOWANUS_GT2_6 24119	69.04	71.33	68.06	59.88	59.02	65.39	60.31	60.21	57.62	70.69	67.26	76.98	93.77	197.27	644.35	1136.03	842.84	1903.04	2110.89	1531.92	620.17	293.77	203.19	112.76
	3.98	3.81	3.89	3.37	3.45	3.56	3.25	4.02	4.41	5.61	5.88	6.81	9.24	20.79	69.86	92.87	78.72	160.53	164.17	110.76	59.71	28.38	14.65	8.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.14	-4.46	-0.98	-0.15	-1.45	-319.56	-111.10	-391.36	-555.77	-486.33	-21.62	-8.03	-28.66	-5.92
GOWANUS_GT2_7 24120	69.04	71.33	68.06	59.88	59.02	65.39	60.31	60.21	57.62	70.69	67.26	76.98	93.77	197.27	644.35	1136.03	842.84	1903.04	2110.89	1531.92	620.17	293.77	203.19	112.76
	3.98	3.81	3.89	3.37	3.45	3.56	3.25	4.02	4.41	5.61	5.88	6.81	9.24	20.79	69.86	92.87	78.72	160.53	164.17	110.76	59.71	28.38	14.65	8.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.14	-4.46	-0.98	-0.15	-1.45	-319.56	-111.10	-391.36	-555.77	-486.33	-21.62	-8.03	-28.66	-5.92
GOWANUS_GT2_8 24121	69.04	71.33	68.06	59.88	59.02	65.39	60.31	60.21	57.62	70.69	67.26	76.98	93.77	197.27	644.35	1136.03	842.84	1903.04	2110.89	1531.92	620.17	293.77	203.19	112.76
	3.98	3.81	3.89	3.37	3.45	3.56	3.25	4.02	4.41	5.61	5.88	6.81	9.24	20.79	69.86	92.87	78.72	160.53	164.17	110.76	59.71	28.38	14.65	8.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.14	-4.46	-0.98	-0.15	-1.45	-319.56	-111.10	-391.36	-555.77	-486.33	-21.62	-8.03	-28.66	-5.92
GOWANUS_GT3_1 24122	69.04	71.33	68.06	59.88	59.02	65.39	60.31	60.21	57.62	70.69	68.05	102.68	99.41	198.12	652.72	1145.51	842.84	1905.64	2110.98	1532.04	620.24	293.83	203.23	112.76
	3.98	3.81	3.89	3.37	3.45	3.56	3.25	4.02	4.41	5.61	5.88	6.81	9.24	20.79	69.86	92.87	78.72	160.92	164.25	110.88	59.77	28.43	14.69	8.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.94	-30.16	-6.62	-0.99	-9.82	-329.05	-111.10	-393.57	-555.77	-486.33	-21.62	-8.03	-28.66	-5.92
GOWANUS_GT3_2 24123	69.04	71.33	68.06	59.88	59.02	65.39	60.31	60.21	57.62	70.69	68.05	102.68	99.41	198.12	652.72	1145.51	842.84	1905.64	2110.98	1532.04	620.24	293.83	203.23	112.76
	3.98	3.81	3.89	3.37	3.45	3.56	3.25	4.02	4.41	5.61	5.88	6.81	9.24	20.79	69.86	92.87	78.72	160.92	164.25	110.88	59.77	28.43	14.69	8.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.94	-30.16	-6.62	-0.99	-9.82	-329.05	-111.10	-393.57	-555.77	-486.33	-21.62	-8.03	-28.66	-5.92
GOWANUS_GT3_3 24124	69.04	71.33	68.06	59.88	59.02	65.39	60.31	60.21	57.62	70.69	68.05	102.68	99.41	198.12	652.72	1145.51	842.84	1905.64	2110.98	1532.04	620.24	293.83	203.23	112.76
	3.98	3.81	3.89	3.37	3.45	3.56	3.25	4.02	4.41	5.61	5.88	6.81	9.24	20.79	69.86	92.87	78.72	160.92	164.25	110.88	59.77	28.43	14.69	8.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.94	-30.16	-6.62	-0.99	-9.82	-329.05	-111.10	-393.57	-555.77	-486.33	-21.62	-8.03	-28.66	-5.92
GOWANUS_GT3_4 24125	69.04	71.33	68.06	59.88	59.02	65.39	60.31	60.21	57.62	70.69	68.05	102.68	99.41	198.12	652.72	1145.51	842.84	1905.64	2110.98	1532.04	620.24	293.83	203.23	112.76
	3.98	3.81	3.89	3.37	3.45	3.56	3.25	4.02	4.41	5.61	5.88	6.81	9.24	20.79	69.86	92.87	78.72	160.92	164.25	110.88	59.77	28.43	14.69	8.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.94	-30.16	-6.62	-0.99	-9.82	-329.05	-111.10	-393.57	-555.77	-486.33	-21.62	-8.03	-28.66	-5.92
GOWANUS_GT3_5 24126	69.04	71.33	68.06	59.88	59.02	65.39	60.31	60.21	57.62	70.69	68.05	102.68	99.41	198.12	652.72	1145.51	842.84	1905.64	2110.98	1532.04	620.24	293.83	203.23	112.76
	3.98	3.81	3.89	3.37	3.45	3.56	3.25	4.02	4.41	5.61	5.88	6.81	9.24	20.79	69.86	92.87	78.72	160.92	164.25	110.88	59.77	28.43	14.69	8.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.94	-30.16	-6.62	-0.99	-9.82	-329.05	-111.10	-393.57	-555.77	-486.33	-21.62	-8.03	-28.66	-5.92
GOWANUS_GT3_6 24127	69.04	71.33	68.06	59.88	59.02	65.39	60.31	60.21	57.62	70.69	68.05	102.68	99.41	198.12	652.72	1145.51	842.84	1905.64	2110.98	1532.04	620.24	293.83	203.23	112.76
	3.98	3.81	3.89	3.37	3.45	3.56	3.25	4.02	4.41	5.61	5.88	6.81	9.24	20.79	69.86	92.87	78.72	160.92	164.25	110.88	59.77	28.43	14.69	8.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.94	-30.16	-6.62	-0.99	-9.82	-329.05	-111.10	-393.57	-555.77	-486.33	-21.62	-8.03	-28.66	-5.92
GOWANUS_GT3_7 24128	69.04	71.33	68.06	59.88	59.02	65.39	60.31	60.21	57.62	70.69	68.05	102.68	99.41	198.12	652.72	1145.51	842.84	1905.64	2110.98	1532.04	620.24	293.83	203.23	112.76
	3.98	3.81	3.89	3.37	3.45	3.56	3.25	4.02	4.41	5.61	5.88	6.81	9.24	20.79	69.86	92.87	78.72	160.92	164.25	110.88	59.77	28.43	14.69	8.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.94	-30.16	-6.62	-0.99	-9.82	-329.05	-111.10	-393.57	-555.77	-486.33	-21.62	-8.03	-28.66	-5.92
GOWANUS_GT3_8 24129	69.04	71.33	68.06	59.88	59.02	65.39	60.31	60.21	57.62	70.69	68.05	102.68	99.41	198.12	652.72	1145.51	842.84	1905.64	2110.98	1532.04	620.24	293.83	203.23	112.76
	3.98	3.81	3.89	3.37	3.45	3.56	3.25	4.02	4.41	5.61	5.88	6.81	9.24	20.79	69.86	92.87	78.72	160.92	164.25	110.88	59.77	28.43	14.69	8.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.94	-30.16	-6.62	-0.99	-9.82	-329.05	-111.10	-393.57	-555.77	-486.33	-21.62	-8.03	-28.66	-5.92
GOWANUS_GT4_1 24130	69.03	71.33	68.07	59.88	59.02	65.39	60.30	60.21	57.62	70.69	67.24	76.99	93.79	197.31	644.85	1135.90	842.81	1904.24	2110.73	1531.97	620.07	293.78	203.21	112.76
	3.97	3.82	3.90	3.37	3.46	3.57	3.25	4.02	4.40	5.61	5.86	6.83	9.25	20.83	70.37	92.74	78.70	161.73	164.00	110.81	59.60	28.38	14.67	8.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.14	-4.46	-0.98	-0.15	-1.45	-319.56	-111.10	-391.36	-555.77	-486.33	-21.62	-8.03	-28.66	-5.92
GOWANUS_GT4_2 24131	69.03	71.33	68.07	59.88	59.02	65.39	60.30	60.21	57.62	70.69	67.24	76.99	93.79	197.31	644.85	1135.90	842.81	1904.24	2110.73	1531.97	620.07	293.78	203.21	112.76
	3.97	3.82	3.90	3.37	3.46	3.57	3.25	4.02	4.40	5.61	5.86	6.83	9.25	20.83	70.37	92.74	78.70	161.73	164.00	110.81	59.60	28.38	14.67	8.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.14	-4.46	-0.98	-0.15	-1.45	-319.56	-111.10	-391.36	-555.77	-486.33	-21.62	-8.03	-28.66	-5.92
GOWANUS_GT4_3 24132	69.03	71.33	68.07	59.88	59.02	65.39	60.30	60.21	57.62	70.69	67.24	76.99	93.79	197.31	644.85	1135.90	842.81	1904.24	2110.73	1531.97	620.07	293.78	203.21	112.76
	3.97	3.82	3.90	3.37	3.46	3.57	3.25	4.02	4.40	5.61	5.86	6.83	9.25	20.83	70.37	92.74	78.70	161.73	164.00	110.81	59.60	28.38	14.67	8.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.14	-4.46	-0.98	-0.15	-1.45	-319.56	-111.10	-391.36	-555.77	-486.33	-21.62	-8.03	-28.66	-5.92
GOWANUS_GT4_4 24133	69.03	71.33	68.07	59.88	59.02	65.39	60.30	60.21	57.62	70.69	67.24	76.99	93.79	197.31	644.85	1135.90	842.81	1904.24	2110.73	1531.97	620.07	293.78	203.21	112.76
	3.97	3.82	3.90	3.37	3.46	3.57	3.25	4.02	4.40	5.61	5.86	6.83	9.25	20.83	70.37	92.74	78.70	161.73	164.00	110.81	59.60	28.38	14.67	8.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.14	-4.46	-0.98	-0.15	-1.45	-319.56	-111.10	-391.36	-555.77	-486.33	-21.62	-8.03	-28.66	-5.92



GOWANUS_GT4_5 24134	69.03 3.97 0.00	71.33 3.82 0.00	68.07 3.90 0.00	59.88 3.37 0.00	59.02 3.46 0.00	65.39 3.57 0.00	60.30 3.25 0.00	60.21 4.02 0.00	57.62 4.40 0.00	70.69 5.61 0.00	67.24 5.86 -0.14	76.99 6.83 -4.46	93.79 9.25 -0.98	197.31 20.83 -0.15	644.85 70.37 -1.45	1135.90 92.74 -319.56	842.81 78.70 -111.10	1904.24 161.73 -391.36	2110.73 164.00 -555.77	1531.97 110.81 -486.33	620.07 59.60 -21.62	293.78 28.38 -8.03	203.21 14.67 -28.66	112.76 8.79 -5.92
GOWANUS_GT4_6 24135	69.03 3.97 0.00	71.33 3.82 0.00	68.07 3.90 0.00	59.88 3.37 0.00	59.02 3.46 0.00	65.39 3.57 0.00	60.30 3.25 0.00	60.21 4.02 0.00	57.62 4.40 0.00	70.69 5.61 0.00	67.24 5.86 -0.14	76.99 6.83 -4.46	93.79 9.25 -0.98	197.31 20.83 -0.15	644.85 70.37 -1.45	1135.90 92.74 -319.56	842.81 78.70 -111.10	1904.24 161.73 -391.36	2110.73 164.00 -555.77	1531.97 110.81 -486.33	620.07 59.60 -21.62	293.78 28.38 -8.03	203.21 14.67 -28.66	112.76 8.79 -5.92
GOWANUS_GT4_7 24136	69.03 3.97 0.00	71.33 3.82 0.00	68.07 3.90 0.00	59.88 3.37 0.00	59.02 3.46 0.00	65.39 3.57 0.00	60.30 3.25 0.00	60.21 4.02 0.00	57.62 4.40 0.00	70.69 5.61 0.00	67.24 5.86 -0.14	76.99 6.83 -4.46	93.79 9.25 -0.98	197.31 20.83 -0.15	644.85 70.37 -1.45	1135.90 92.74 -319.56	842.81 78.70 -111.10	1904.24 161.73 -391.36	2110.73 164.00 -555.77	1531.97 110.81 -486.33	620.07 59.60 -21.62	293.78 28.38 -8.03	203.21 14.67 -28.66	112.76 8.79 -5.92
GOWANUS_GT4_8 24137	69.03 3.97 0.00	71.33 3.82 0.00	68.07 3.90 0.00	59.88 3.37 0.00	59.02 3.46 0.00	65.39 3.57 0.00	60.30 3.25 0.00	60.21 4.02 0.00	57.62 4.40 0.00	70.69 5.61 0.00	67.24 5.86 -0.14	76.99 6.83 -4.46	93.79 9.25 -0.98	197.31 20.83 -0.15	644.85 70.37 -1.45	1135.90 92.74 -319.56	842.81 78.70 -111.10	1904.24 161.73 -391.36	2110.73 164.00 -555.77	1531.97 110.81 -486.33	620.07 59.60 -21.62	293.78 28.38 -8.03	203.21 14.67 -28.66	112.76 8.79 -5.92
GREATVRV_69_KV_BK1 356245	71.76 5.55 -1.15	71.24 4.70 0.98	68.61 4.44 0.00	60.95 4.44 0.00	60.40 4.84 0.00	66.86 5.04 0.00	61.65 4.59 0.00	62.02 5.58 -0.25	58.60 5.38 0.00	70.30 6.31 1.09	70.03 7.40 -1.39	88.33 8.98 -13.65	146.59 11.83 -51.21	265.83 26.03 -63.47	675.23 86.91 -15.28	1233.00 115.41 -393.99	1051.37 98.25 -300.09	3613.27 215.21 -2046.90	4254.02 221.25 -2641.80	1801.59 143.47 -723.29	660.40 73.97 -47.59	294.47 31.15 -5.96	212.21 17.85 -34.48	112.70 11.12 -3.53
GREENBSH_115KV_TB3 55895	66.02 0.97 0.00	68.09 0.58 0.00	64.82 0.65 0.00	57.24 0.73 0.00	56.36 0.79 0.00	62.44 0.61 0.00	57.66 0.60 0.00	57.00 0.81 0.00	53.92 0.71 0.00	65.86 0.79 0.00	62.29 1.05 0.00	67.09 1.39 0.00	85.52 1.97 0.00	180.58 4.25 0.00	587.05 14.02 0.00	743.05 19.45 0.00	670.16 17.14 0.00	1400.13 45.52 -3.45	1550.90 52.49 -107.45	1499.25 32.14 -532.28	610.59 15.92 -55.82	285.83 7.73 -20.73	200.81 4.51 -36.42	100.51 2.46 0.00
GREENDGE_115KV_TB5 80291	65.52 0.47 0.00	67.65 0.13 0.00	63.60 -0.57 0.00	55.96 -0.56 0.00	54.93 -0.64 0.00	61.36 -0.47 0.00	56.80 -0.25 0.00	56.02 -0.17 0.00	53.30 0.08 0.00	66.00 0.92 0.00	62.72 1.48 0.00	67.34 1.63 0.00	86.21 2.01 -0.65	181.88 3.50 -2.05	597.59 11.97 -12.59	857.24 11.55 -122.10	760.11 4.48 -102.61	1654.22 3.99 -299.07	1678.64 -8.59 -296.27	1027.79 4.38 -88.59	550.39 6.96 -4.59	264.51 5.44 -1.70	166.50 0.93 -5.69	100.12 2.07 0.00
GREENIDGE___3 23582	65.52 0.47 0.00	67.65 0.13 0.00	63.60 -0.57 0.00	55.96 -0.56 0.00	54.93 -0.64 0.00	61.36 -0.47 0.00	56.80 -0.25 0.00	56.02 -0.17 0.00	53.30 0.08 0.00	66.00 0.92 0.00	62.72 1.48 0.00	67.34 1.63 0.00	86.21 2.01 -0.65	181.88 3.50 -2.05	597.59 11.97 -12.59	857.24 11.55 -122.10	760.11 4.48 -102.61	1654.22 3.99 -299.07	1678.64 -8.59 -296.27	1027.79 4.38 -88.59	550.39 6.96 -4.59	264.51 5.44 -1.70	166.50 0.93 -5.69	100.12 2.07 0.00
GREENIDGE___4 23583	65.52 0.47 0.00	67.65 0.13 0.00	63.63 -0.54 0.00	55.96 -0.56 0.00	54.93 -0.64 0.00	61.36 -0.47 0.00	56.82 -0.24 0.00	56.02 -0.17 0.00	53.30 0.09 0.00	66.00 0.92 0.00	62.70 1.46 0.00	67.34 1.63 0.00	86.22 2.02 -0.65	181.94 3.56 -2.05	597.21 11.59 -12.59	857.30 11.61 -122.10	760.20 4.57 -102.61	1653.92 3.69 -299.07	1678.14 -9.09 -296.27	1027.73 4.31 -88.59	550.52 7.08 -4.59	264.54 5.47 -1.70	166.49 0.92 -5.69	100.11 2.07 0.00
GREENLWN_69_KV_BK 3 55738	69.00 3.57 -0.37	69.18 2.80 1.14	66.88 2.71 0.00	59.58 3.06 0.00	59.19 3.63 0.00	65.45 3.62 0.00	60.25 3.20 0.00	60.39 3.98 -0.23	56.85 3.63 0.00	67.51 3.92 1.49	67.50 5.04 -1.22	68.41 6.29 3.59	71.42 8.49 20.62	110.60 19.39 85.12	652.36 66.82 -12.50	1197.34 90.38 -383.36	1021.41 76.73 -291.66	3551.85 167.92 -2032.77	4188.17 170.72 -2626.49	1759.05 110.72 -713.51	638.84 57.72 -42.27	286.37 23.95 -5.05	201.44 13.16 -28.41	103.32 7.80 2.54
GREENWD_138_KV_38B11_REV_LBMP_J 345004	69.03 3.97 0.00	71.33 3.82 0.00	68.07 3.90 0.00	59.88 3.37 0.00	59.02 3.46 0.00	65.39 3.57 0.00	60.30 3.25 0.00	60.21 4.02 0.00	57.62 4.40 0.00	70.69 5.61 0.00	67.24 5.86 -0.14	76.99 6.83 -4.46	93.79 9.25 -0.98	197.31 20.83 -0.15	644.85 70.37 -1.45	1135.90 92.74 -319.56	842.86 78.74 -111.10	1904.51 162.00 -391.35	2111.22 164.50 -555.77	1532.09 110.93 -486.33	620.53 60.06 -21.62	293.87 28.48 -8.03	203.27 14.73 -28.66	112.78 8.81 -5.92
GRISSOM___SOLAR 323813	69.17 4.11 0.00	71.64 4.13 0.00	68.14 3.97 0.00	59.89 3.37 0.00	58.94 3.37 0.00	65.71 3.88 0.00	60.22 3.17 0.00	58.46 2.27 0.00	54.55 1.34 0.00	66.38 1.30 0.00	62.51 1.27 0.00	67.04 1.34 0.00	85.23 1.67 0.00	180.30 3.97 0.00	588.33 15.29 0.00	743.12 19.53 0.00	669.28 16.26 0.00	1403.21 46.61 -5.44	2299.15 70.87 -837.32	1842.47 65.63 -842.00	672.13 45.31 -87.97	311.75 21.71 -32.66	285.81 12.88 -113.05	105.73 7.68 0.00
GROVEVILLE___HYD 323602	69.38 4.32 0.00	71.53 4.01 0.00	67.98 3.81 0.00	59.79 3.27 0.00	58.88 3.31 0.00	65.28 3.45 0.00	60.22 3.17 0.00	60.02 3.84 0.00	57.20 3.99 0.00	70.25 5.17 0.00	66.82 5.58 0.00	72.30 6.60 0.00	92.53 8.97 0.00	196.42 20.09 0.00	641.39 68.35 0.00	1101.86 91.63 -286.63	833.53 80.37 -100.14	1877.58 173.14 -353.29	2087.61 176.09 -520.55	1511.83 115.49 -461.51	622.77 61.98 -21.94	294.33 28.81 -8.15	204.38 15.78 -28.72	107.27 9.23 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	65.09 0.03 0.00	67.26 -0.25 0.00	63.67 -0.50 0.00	56.09 -0.43 0.00	55.15 -0.42 0.00	61.54 -0.29 0.00	56.68 -0.37 0.00	55.89 -0.30 0.00	53.06 -0.15 0.00	65.25 0.17 0.00	61.78 0.54 0.00	66.49 0.79 0.00	83.73 1.28 1.10	182.56 2.51 -3.72	579.61 7.42 0.85	730.76 7.17 0.00	657.32 4.30 0.00	1355.00 3.85 0.00	1385.75 -3.69 1.53	928.60 -0.89 5.34	539.89 1.28 0.23	258.42 1.05 0.00	160.47 0.59 0.00	99.01 0.97 0.00
HAMLTNNY_34_KV_TB 80303	65.77 0.71 0.00	67.91 0.39 0.00	64.19 0.02 0.00	56.55 0.04 0.00	55.59 0.03 0.00	62.18 0.35 0.00	57.21 0.16 0.00	56.38 0.19 0.00	53.52 0.30 0.00	65.90 0.82 0.00	62.54 1.30 0.00	67.37 1.66 0.00	85.30 2.54 0.79	184.90 4.97 -3.60	587.62 15.32 0.73	738.69 15.09 0.00	662.99 9.97 0.00	1365.26 14.10 0.00	1392.38 2.75 1.33	936.60 6.41 4.64	545.91 7.26 0.20	261.70 4.33 0.00	162.22 2.34 0.00	100.38 2.33 0.00



HAMPSHIRE___PAPER_HYD 323593	63.84 -1.22 0.00	66.22 -1.29 0.00	62.85 -1.32 0.00	55.28 -1.24 0.00	54.22 -1.35 0.00	60.58 -1.25 0.00	56.23 -0.81 0.00	55.30 -0.89 0.00	52.24 -0.98 0.00	63.46 -1.62 0.00	59.06 -2.18 0.00	62.70 -3.01 0.00	-10.23 -5.09 88.70	25.51 -12.37 138.45	-57.04 -37.83 592.25	-93.23 -44.17 772.65	163.70 -39.05 450.28	398.70 -73.41 879.05	597.33 -74.31 719.31	269.11 -37.40 628.31	390.61 -16.81 131.42	234.71 -6.51 16.15	158.72 -1.16 0.00	96.38 -1.66 0.00
HARDSCRABBLE_WT_PWR 323673	66.58 1.52 0.00	68.79 1.28 0.00	65.65 1.48 0.00	57.86 1.35 0.00	56.98 1.41 0.00	63.30 1.47 0.00	58.19 1.14 0.00	57.21 1.02 0.00	53.84 0.62 0.00	65.71 0.63 0.00	62.19 0.95 0.00	67.13 1.42 0.00	84.82 2.16 0.90	208.10 4.90 -26.87	693.37 14.59 -105.75	886.25 22.09 -140.57	768.57 16.63 -98.91	1603.89 60.01 -192.73	1574.02 79.30 -103.77	1041.23 57.96 -48.44	582.35 29.83 -13.66	274.12 14.95 -1.80	168.65 8.77 0.00	102.87 4.82 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	69.13 4.07 0.00	71.27 3.76 0.00	67.72 3.55 0.00	59.56 3.05 0.00	58.62 3.06 0.00	65.00 3.17 0.00	59.93 2.88 0.00	59.73 3.54 0.00	56.98 3.76 0.00	69.95 4.87 0.00	66.62 5.38 0.00	72.07 6.36 0.00	92.39 8.83 0.00	196.14 19.81 0.00	640.76 67.72 0.00	1082.27 91.05 -267.63	826.04 79.51 -93.50	1849.64 168.64 -329.85	2048.09 170.78 -486.35	1476.64 112.46 -429.35	619.58 60.41 -20.32	292.96 28.04 -7.55	201.95 15.31 -26.77	106.88 8.83 0.00
HARSNRAD_115KV_TB1 81005	63.28 -1.78 0.00	65.06 -2.46 0.00	61.05 -3.12 0.00	54.19 -2.33 0.00	52.95 -2.62 0.00	59.53 -2.30 0.00	54.89 -2.17 0.00	53.65 -2.54 0.00	51.36 -1.86 0.00	64.08 -1.00 0.00	61.53 0.29 0.00	66.23 0.53 0.00	85.14 1.59 0.00	176.81 0.85 0.37	566.29 0.59 7.33	636.07 -14.55 72.98	565.09 -19.67 68.27	1105.85 -68.09 177.22	1146.99 -104.19 139.78	883.55 -56.52 -5.24	518.90 -23.33 -3.38	250.35 -8.27 -1.26	157.37 -6.71 -4.20	99.28 1.24 0.00
HARZA MOOSE___RIVER 24016	65.14 0.08 0.00	67.38 -0.14 0.00	63.92 -0.25 0.00	56.22 -0.30 0.00	55.18 -0.39 0.00	61.57 -0.26 0.00	57.15 0.10 0.00	56.53 0.34 0.00	53.62 0.40 0.00	65.48 0.40 0.00	61.41 0.17 0.00	65.98 0.27 0.00	60.36 -0.02 23.18	172.82 -0.71 2.80	567.01 0.59 6.62	786.38 5.77 -57.01	655.70 2.68 0.00	1357.93 6.77 0.00	1376.10 -2.91 11.95	910.03 16.99 41.79	549.69 12.68 1.84	264.31 6.94 0.00	164.68 4.80 0.00	100.62 2.58 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	65.02 -0.04 0.00	67.21 -0.30 0.00	63.65 -0.52 0.00	56.07 -0.45 0.00	55.09 -0.47 0.00	61.40 -0.43 0.00	56.65 -0.41 0.00	55.86 -0.33 0.00	53.05 -0.17 0.00	65.27 0.19 0.00	61.81 0.57 0.00	66.59 0.89 0.00	82.69 1.48 2.35	181.00 2.92 -1.75	580.72 8.63 0.95	731.99 8.40 0.00	658.45 5.43 0.00	1356.91 5.75 0.00	1387.61 -1.64 1.72	929.18 0.36 6.01	540.53 1.95 0.26	258.62 1.25 0.00	160.36 0.48 0.00	99.00 0.96 0.00
HELLGATE_13_KV_LD 55870	69.65 4.59 0.00	71.98 4.47 0.00	68.65 4.48 0.00	60.39 3.87 0.00	59.55 3.99 0.00	65.99 4.16 0.00	60.89 3.84 0.00	60.74 4.55 0.00	58.08 4.86 0.00	71.19 6.11 0.00	67.63 6.23 -0.16	78.07 7.31 -5.05	94.63 9.96 -1.11	198.82 22.33 -0.17	650.77 76.09 -1.65	1144.02 100.62 -319.81	849.98 85.86 -111.10	1924.26 181.02 -392.08	2133.35 186.63 -555.77	1545.21 124.06 -486.33	627.46 66.99 -21.62	296.92 31.52 -8.03	205.32 16.78 -28.66	107.82 9.77 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	69.65 4.59 0.00	71.98 4.47 0.00	68.65 4.48 0.00	60.39 3.87 0.00	59.55 3.99 0.00	65.99 4.16 0.00	60.89 3.84 0.00	60.74 4.55 0.00	58.08 4.86 0.00	71.19 6.11 0.00	67.63 6.23 -0.16	78.07 7.31 -5.05	94.63 9.96 -1.11	198.82 22.33 -0.17	650.77 76.09 -1.65	1144.02 100.62 -319.81	849.98 85.86 -111.10	1924.26 181.02 -392.08	2133.35 186.63 -555.77	1545.21 124.06 -486.33	627.46 66.99 -21.62	296.92 31.52 -8.03	205.32 16.78 -28.66	107.82 9.77 0.00
HEMPSTEAD____ 23647	91.75 4.22 -22.47	74.48 3.62 -3.34	67.61 3.44 0.00	59.91 3.39 0.00	59.23 3.67 0.00	65.56 3.73 0.00	60.44 3.39 0.00	61.47 4.25 -1.03	57.46 4.25 0.00	73.36 5.14 -3.15	72.85 5.83 -5.78	89.93 7.06 -17.17	127.35 9.49 -34.31	234.16 21.27 -36.56	750.38 73.23 -104.12	1549.73 98.17 -727.97	1411.74 84.31 -674.41	4030.07 181.06 -2497.86	4690.97 184.03 -3115.98	2179.67 120.74 -1124.11	774.60 64.41 -171.34	308.76 27.99 -23.40	206.16 15.33 -30.95	106.98 8.93 0.00
HICKLING___1 23621	65.41 0.35 0.00	67.84 0.33 0.00	63.53 -0.64 0.00	55.83 -0.69 0.00	54.79 -0.77 0.00	61.09 -0.74 0.00	56.55 -0.50 0.00	55.78 -0.41 0.00	53.12 -0.10 0.00	66.17 1.09 0.00	63.05 1.81 0.00	68.17 2.46 0.00	88.37 4.18 -0.64	186.27 8.34 -1.60	604.67 26.87 -4.76	796.38 34.19 -38.59	706.71 20.81 -32.88	1486.92 38.70 -97.06	1547.91 17.83 -139.12	1027.48 19.28 -73.37	559.70 14.90 -5.96	270.52 10.94 -2.21	170.36 3.09 -7.39	101.59 3.54 0.00
HICKLING___2 23622	65.41 0.35 0.00	67.84 0.33 0.00	63.53 -0.64 0.00	55.83 -0.69 0.00	54.79 -0.77 0.00	61.09 -0.74 0.00	56.55 -0.50 0.00	55.78 -0.41 0.00	53.12 -0.10 0.00	66.17 1.09 0.00	63.05 1.81 0.00	68.17 2.46 0.00	88.37 4.18 -0.64	186.27 8.34 -1.60	604.67 26.87 -4.76	796.38 34.19 -38.59	706.71 20.81 -32.88	1486.92 38.70 -97.06	1547.91 17.83 -139.12	1027.48 19.28 -73.37	559.70 14.90 -5.96	270.52 10.94 -2.21	170.36 3.09 -7.39	101.59 3.54 0.00
HIGH FALLS___HY 23754	69.46 4.40 0.00	71.70 4.19 0.00	68.09 3.92 0.00	59.84 3.33 0.00	58.90 3.33 0.00	65.32 3.49 0.00	60.28 3.23 0.00	60.12 3.93 0.00	57.30 4.08 0.00	70.33 5.25 0.00	62.10 5.58 4.73	71.96 6.25 0.00	92.13 8.57 0.00	195.97 19.64 0.00	639.70 66.67 0.00	989.37 90.56 -175.22	795.92 81.68 -61.22	1748.80 180.99 -216.66	1959.23 185.21 -383.06	1446.24 123.69 -387.72	630.22 66.82 -24.55	297.45 30.96 -9.11	205.27 16.82 -28.58	107.76 9.71 0.00
HIGH_RIVER___SOLAR 323847	68.01 2.95 0.00	70.38 2.86 0.00	66.95 2.78 0.00	58.93 2.41 0.00	58.00 2.44 0.00	64.54 2.71 0.00	59.40 2.34 0.00	58.20 2.01 0.00	54.59 1.37 0.00	66.31 1.23 0.00	62.52 1.28 0.00	67.23 1.53 0.00	85.53 1.98 0.00	180.66 4.33 0.00	587.92 14.88 0.00	743.25 19.66 0.00	671.20 18.18 0.00	1409.77 52.89 -5.72	2343.11 71.11 -881.04	1875.93 55.41 -885.69	665.80 34.43 -92.52	308.34 16.62 -34.36	288.53 9.73 -118.92	103.76 5.71 0.00
HILLBURN___GT 23639	68.77 3.72 0.00	70.91 3.39 0.00	67.40 3.23 0.00	59.31 2.80 0.00	58.40 2.83 0.00	64.73 2.90 0.00	59.66 2.60 0.00	59.49 3.30 0.00	56.78 3.56 0.00	69.62 4.54 0.00	66.28 5.04 0.00	71.70 6.00 0.00	91.87 8.31 0.00	195.06 18.73 0.00	636.98 63.94 0.00	1088.22 86.31 -278.31	824.68 74.43 -97.23	1851.49 157.34 -342.99	2051.75 159.59 -501.19	1481.98 105.63 -441.52	616.24 56.79 -20.61	291.50 26.48 -7.65	201.48 14.42 -27.18	106.38 8.33 0.00
HILLSIDE_115KV_TB1 80332	64.62 -0.44 0.00	67.10 -0.41 0.00	62.92 -1.25 0.00	55.31 -1.21 0.00	54.37 -1.20 0.00	60.51 -1.32 0.00	55.96 -1.09 0.00	55.22 -0.97 0.00	52.54 -0.68 0.00	65.37 0.29 0.00	62.20 0.96 0.00	67.30 1.59 0.00	87.36 3.14 -0.66	184.50 6.54 -1.63	598.72 21.99 -3.70	787.43 29.16 -34.68	697.65 15.52 -29.11	1465.34 28.58 -85.60	1524.14 5.36 -127.81	1014.01 7.43 -71.75	551.89 6.85 -6.19	267.37 7.70 -2.30	168.53 0.97 -7.68	100.03 1.98 0.00



HISHELDN_WT_PWR 323625	63.58 -1.47 0.00	65.60 -1.92 0.00	61.48 -2.69 0.00	54.24 -2.27 0.00	53.01 -2.56 0.00	59.46 -2.37 0.00	54.99 -2.07 0.00	53.93 -2.26 0.00	51.65 -1.57 0.00	64.47 -0.61 0.00	61.64 0.39 0.00	66.44 0.73 0.00	85.35 1.79 0.00	175.72 0.84 1.45	542.97 -1.22 28.84	431.87 -9.09 282.64	399.90 -15.05 238.06	612.83 -47.90 690.42	757.90 -77.98 555.09	831.95 -38.06 64.81	531.33 -11.68 -4.16	257.13 -1.78 -1.55	161.76 -3.29 -5.16	100.25 2.20 0.00
HOLTSVILLE_IC_1 23690	68.35 4.03 0.73	69.41 3.26 1.36	67.34 3.16 0.00	60.01 3.50 0.00	59.50 3.94 0.00	65.79 3.96 0.00	60.62 3.57 0.00	60.79 4.41 -0.19	57.41 4.19 0.00	68.07 4.49 1.50	67.87 5.64 -0.99	89.26 7.04 -16.52	149.82 9.23 -57.04	269.53 20.36 -72.83	648.18 67.36 -7.78	1177.85 88.80 -365.46	995.13 73.17 -268.94	3522.34 161.22 -2009.96	4162.29 166.76 -2604.57	1734.98 109.18 -690.97	630.20 54.30 -37.05	283.73 21.81 -4.55	208.84 12.86 -36.10	111.97 8.76 -5.16
HOLTSVILLE_IC_10 23699	69.34 4.58 0.30	70.02 3.78 1.27	67.79 3.62 0.00	60.40 3.89 0.00	59.87 4.31 0.00	66.21 4.38 0.00	61.04 3.99 0.00	61.27 4.88 -0.20	57.89 4.68 0.00	68.73 5.09 1.43	68.62 6.30 -1.08	94.48 7.80 -20.97	171.14 10.26 -77.32	321.46 22.02 -123.11	653.56 71.02 -9.50	1187.78 92.21 -371.98	1005.30 76.47 -275.81	3541.99 172.39 -2018.45	4182.64 178.55 -2613.13	1745.68 112.78 -698.07	634.04 55.89 -39.30	284.51 22.33 -4.81	210.91 13.50 -37.53	114.38 9.75 -6.58
HOLTSVILLE_IC_2 23691	68.35 4.03 0.73	69.41 3.26 1.36	67.34 3.16 0.00	60.01 3.50 0.00	59.50 3.94 0.00	65.79 3.96 0.00	60.62 3.57 0.00	60.79 4.41 -0.19	57.41 4.19 0.00	68.07 4.49 1.50	67.87 5.64 -0.99	89.26 7.04 -16.52	149.82 9.23 -57.04	269.53 20.36 -72.83	648.18 67.36 -7.78	1177.85 88.80 -365.46	995.13 73.17 -268.94	3522.34 161.22 -2009.96	4162.29 166.76 -2604.57	1734.98 109.18 -690.97	630.20 54.30 -37.05	283.73 21.81 -4.55	208.84 12.86 -36.10	111.97 8.76 -5.16
HOLTSVILLE_IC_3 23692	68.35 4.03 0.73	69.41 3.26 1.36	67.34 3.16 0.00	60.01 3.50 0.00	59.50 3.94 0.00	65.79 3.96 0.00	60.62 3.57 0.00	60.79 4.41 -0.19	57.41 4.19 0.00	68.07 4.49 1.50	67.87 5.64 -0.99	89.26 7.04 -16.52	149.82 9.23 -57.04	269.53 20.36 -72.83	648.18 67.36 -7.78	1177.85 88.80 -365.46	995.13 73.17 -268.94	3522.34 161.22 -2009.96	4162.29 166.76 -2604.57	1734.98 109.18 -690.97	630.20 54.30 -37.05	283.73 21.81 -4.55	208.84 12.86 -36.10	111.97 8.76 -5.16
HOLTSVILLE_IC_4 23693	68.35 4.03 0.73	69.41 3.26 1.36	67.34 3.16 0.00	60.01 3.50 0.00	59.50 3.94 0.00	65.79 3.96 0.00	60.62 3.57 0.00	60.79 4.41 -0.19	57.41 4.19 0.00	68.07 4.49 1.50	67.87 5.64 -0.99	89.26 7.04 -16.52	149.82 9.23 -57.04	269.53 20.36 -72.83	648.18 67.36 -7.78	1177.85 88.80 -365.46	995.13 73.17 -268.94	3522.34 161.22 -2009.96	4162.29 166.76 -2604.57	1734.98 109.18 -690.97	630.20 54.30 -37.05	283.73 21.81 -4.55	208.84 12.86 -36.10	111.97 8.76 -5.16
HOLTSVILLE_IC_5 23694	68.35 4.03 0.73	69.41 3.26 1.36	67.34 3.16 0.00	60.01 3.50 0.00	59.50 3.94 0.00	65.79 3.96 0.00	60.62 3.57 0.00	60.79 4.41 -0.19	57.41 4.19 0.00	68.07 4.49 1.50	67.87 5.64 -0.99	89.26 7.04 -16.52	149.82 9.23 -57.04	269.53 20.36 -72.83	648.18 67.36 -7.78	1177.85 88.80 -365.46	995.13 73.17 -268.94	3522.34 161.22 -2009.96	4162.29 166.76 -2604.57	1734.98 109.18 -690.97	630.20 54.30 -37.05	283.73 21.81 -4.55	208.84 12.86 -36.10	111.97 8.76 -5.16
HOLTSVILLE_IC_6 23695	69.34 4.58 0.30	70.02 3.78 1.27	67.79 3.62 0.00	60.40 3.89 0.00	59.87 4.31 0.00	66.21 4.38 0.00	61.04 3.99 0.00	61.27 4.88 -0.20	57.89 4.68 0.00	68.73 5.09 1.43	68.62 6.30 -1.08	94.48 7.80 -20.97	171.14 10.26 -77.32	321.46 22.02 -123.11	653.56 71.02 -9.50	1187.78 92.21 -371.98	1005.30 76.47 -275.81	3541.99 172.39 -2018.45	4182.64 178.55 -2613.13	1745.68 112.78 -698.07	634.04 55.89 -39.30	284.51 22.33 -4.81	210.91 13.50 -37.53	114.38 9.75 -6.58
HOLTSVILLE_IC_7 23696	69.34 4.58 0.30	70.02 3.78 1.27	67.79 3.62 0.00	60.40 3.89 0.00	59.87 4.31 0.00	66.21 4.38 0.00	61.04 3.99 0.00	61.27 4.88 -0.20	57.89 4.68 0.00	68.73 5.09 1.43	68.62 6.30 -1.08	94.48 7.80 -20.97	171.14 10.26 -77.32	321.46 22.02 -123.11	653.56 71.02 -9.50	1187.78 92.21 -371.98	1005.30 76.47 -275.81	3541.99 172.39 -2018.45	4182.64 178.55 -2613.13	1745.68 112.78 -698.07	634.04 55.89 -39.30	284.51 22.33 -4.81	210.91 13.50 -37.53	114.38 9.75 -6.58
HOLTSVILLE_IC_8 23697	69.34 4.58 0.30	70.02 3.78 1.27	67.79 3.62 0.00	60.40 3.89 0.00	59.87 4.31 0.00	66.21 4.38 0.00	61.04 3.99 0.00	61.27 4.88 -0.20	57.89 4.68 0.00	68.73 5.09 1.43	68.62 6.30 -1.08	94.48 7.80 -20.97	171.14 10.26 -77.32	321.46 22.02 -123.11	653.56 71.02 -9.50	1187.78 92.21 -371.98	1005.30 76.47 -275.81	3541.99 172.39 -2018.45	4182.64 178.55 -2613.13	1745.68 112.78 -698.07	634.04 55.89 -39.30	284.51 22.33 -4.81	210.91 13.50 -37.53	114.38 9.75 -6.58
HOLTSVILLE_IC_9 23698	69.34 4.58 0.30	70.02 3.78 1.27	67.79 3.62 0.00	60.40 3.89 0.00	59.87 4.31 0.00	66.21 4.38 0.00	61.04 3.99 0.00	61.27 4.88 -0.20	57.89 4.68 0.00	68.73 5.09 1.43	68.62 6.30 -1.08	94.48 7.80 -20.97	171.14 10.26 -77.32	321.46 22.02 -123.11	653.56 71.02 -9.50	1187.78 92.21 -371.98	1005.30 76.47 -275.81	3541.99 172.39 -2018.45	4182.64 178.55 -2613.13	1745.68 112.78 -698.07	634.04 55.89 -39.30	284.51 22.33 -4.81	210.91 13.50 -37.53	114.38 9.75 -6.58
HOMER_HL_115KV_TB2 355744	64.07 -0.98 0.00	65.87 -1.65 0.00	61.49 -2.68 0.00	54.43 -2.09 0.00	53.31 -2.26 0.00	59.59 -2.25 0.00	55.13 -1.92 0.00	54.38 -1.81 0.00	52.07 -1.14 0.00	65.00 -0.07 0.00	61.97 0.73 0.00	67.00 1.29 0.00	86.62 3.06 0.00	181.39 5.14 0.08	586.48 15.01 1.57	721.21 12.99 15.37	638.89 -1.23 12.90	1302.07 -11.79 37.30	1353.23 -42.24 -4.51	952.95 -16.27 -34.40	537.54 -5.60 -4.29	261.51 2.55 -1.59	163.62 -1.59 -5.32	100.24 2.20 0.00
HOWARD_WT_PWR 323690	63.96 -1.10 0.00	66.05 -1.47 0.00	61.46 -2.71 0.00	53.85 -2.66 0.00	52.66 -2.90 0.00	58.85 -2.98 0.00	54.61 -2.44 0.00	54.20 -1.99 0.00	52.09 -1.12 0.00	65.26 0.18 0.00	61.75 0.50 0.00	66.76 1.05 0.00	86.09 2.06 -0.48	180.49 1.77 -2.39	603.31 3.64 -26.63	983.35 0.00 -259.76	863.51 -7.48 -217.97	1967.90 -18.77 -635.52	1942.07 -35.34 -586.45	1069.57 -7.17 -141.91	549.70 5.96 -4.89	265.61 6.43 -1.82	166.70 0.75 -6.07	101.27 3.22 0.00
HQ_GEN_CEDARS 23644	64.49 -0.57 0.00	67.24 -0.27 0.00	63.87 -0.30 0.00	56.23 -0.29 0.00	55.19 -0.38 0.00	61.61 -0.22 0.00	56.94 -0.11 0.00	55.73 -0.46 0.00	52.52 -0.69 0.00	63.81 -1.27 0.00	59.23 -2.01 0.00	62.60 -3.11 0.00	-105.45 -5.25 183.75	54.10 -11.16 111.07	182.39 -36.51 354.14	266.56 -44.37 412.66	321.32 -35.52 296.18	703.68 -70.68 576.80	951.89 -68.64 370.44	454.08 -48.62 432.13	467.49 -26.61 44.74	240.96 -12.41 4.00	154.98 -4.91 0.00	93.60 -4.45 0.00
HQ_GEN_CEDARS_PROXY 323590	64.49 -0.56 0.00	67.24 -0.27 0.00	63.87 -0.30 0.00	56.23 -0.29 0.00	55.19 -0.38 0.00	61.61 -0.22 0.00	56.94 -0.11 0.00	54.87 -0.46 0.86	52.52 -0.69 0.00	63.81 -1.27 0.00	59.23 -2.01 0.00	62.60 -3.11 0.00	-105.45 -5.25 183.75	54.10 -11.16 111.07	182.47 -36.43 354.14	266.49 -44.45 412.66	274.45 -35.57 343.00	422.98 -70.76 857.42	744.78 -68.45 577.73	227.89 -48.62 658.32	355.53 -26.60 156.72	206.77 -12.40 38.19	146.40 -4.90 8.58	67.13 -4.45 26.47



HQ_GEN_IMPORT 323601	64.32 -0.74 0.00	67.06 -0.45 0.00	63.77 -0.40 0.00	56.13 -0.38 0.00	55.13 -0.44 0.00	61.46 -0.38 0.00	56.73 -0.32 0.00	55.66 -0.54 0.00	52.60 -0.62 0.00	64.08 -1.00 0.00	59.80 -1.44 0.00	63.76 -1.95 0.00	82.87 -2.91 -2.22	128.16 -6.14 42.03	241.38 -20.13 311.52	237.93 -25.08 460.59	476.36 -19.83 156.83	1003.75 -42.22 305.19	1231.75 -40.45 118.76	829.16 -27.06 78.61	214.79 -15.08 308.97	372.57 -7.76 -122.96	155.60 -4.28 0.00	95.14 -2.91 0.00
HQ_GEN_WHEEL 23651	64.32 -0.74 0.00	67.06 -0.45 0.00	63.77 -0.40 0.00	56.13 -0.38 0.00	55.13 -0.44 0.00	61.46 -0.38 0.00	56.73 -0.32 0.00	55.66 -0.54 0.00	52.60 -0.62 0.00	64.08 -1.00 0.00	59.80 -1.44 0.00	63.76 -1.95 0.00	82.87 -2.91 -2.22	128.16 -6.14 42.03	241.38 -20.13 311.52	237.93 -25.08 460.59	476.36 -19.83 156.83	1003.75 -42.22 305.19	1231.75 -40.45 118.76	829.16 -27.06 78.61	214.79 -15.08 308.97	372.57 -7.76 -122.96	155.60 -4.28 0.00	95.14 -2.91 0.00
HUDSON AVE_GT_3 23810	69.31 4.25 0.00	71.57 4.06 0.00	68.16 3.99 0.00	59.93 3.41 0.00	59.09 3.53 0.00	65.49 3.66 0.00	60.35 3.30 0.00	60.28 4.09 0.00	57.65 4.44 0.00	70.73 5.66 0.00	67.10 5.86 0.00	72.60 6.89 0.00	92.98 9.43 0.00	197.53 21.20 0.00	645.92 72.89 0.00	1139.43 97.86 -317.97	847.45 83.34 -111.09	1918.92 176.02 -391.75	2126.18 179.49 -555.73	1539.81 118.69 -486.30	624.51 64.04 -21.62	295.19 29.79 -8.03	204.26 15.72 -28.66	107.09 9.05 0.00
HUDSON AVE_GT_4 23540	69.31 4.25 0.00	71.57 4.06 0.00	68.16 3.99 0.00	59.93 3.41 0.00	59.09 3.53 0.00	65.49 3.66 0.00	60.35 3.30 0.00	60.28 4.09 0.00	57.65 4.44 0.00	70.73 5.66 0.00	67.10 5.86 0.00	72.60 6.89 0.00	92.98 9.43 0.00	197.53 21.20 0.00	645.92 72.89 0.00	1139.43 97.86 -317.97	847.45 83.34 -111.09	1918.92 176.02 -391.75	2126.18 179.49 -555.73	1539.81 118.69 -486.30	624.51 64.04 -21.62	295.19 29.79 -8.03	204.26 15.72 -28.66	107.09 9.05 0.00
HUDSON AVE_GT_5 23657	69.31 4.25 0.00	71.57 4.06 0.00	68.16 3.99 0.00	59.93 3.41 0.00	59.09 3.53 0.00	65.49 3.66 0.00	60.35 3.30 0.00	60.28 4.09 0.00	57.65 4.44 0.00	70.73 5.66 0.00	67.10 5.86 0.00	72.60 6.89 0.00	92.98 9.43 0.00	197.53 21.20 0.00	645.92 72.89 0.00	1139.43 97.86 -317.97	847.45 83.34 -111.09	1918.92 176.02 -391.75	2126.18 179.49 -555.73	1539.81 118.69 -486.30	624.51 64.04 -21.62	295.19 29.79 -8.03	204.26 15.72 -28.66	107.09 9.05 0.00
HUDSON_AVE_10 24168	69.05 3.99 0.00	71.35 3.84 0.00	67.95 3.77 0.00	59.73 3.22 0.00	58.89 3.32 0.00	65.29 3.46 0.00	60.16 3.11 0.00	60.10 3.91 0.00	57.48 4.27 0.00	70.49 5.41 0.00	66.86 5.62 0.00	72.40 6.64 -0.05	93.12 9.14 -0.42	199.60 20.63 -2.64	650.97 71.23 -6.70	1156.49 96.63 -336.26	865.63 82.20 -130.41	1969.24 173.41 -444.68	2193.72 176.79 -625.98	1592.15 116.50 -540.82	631.21 63.06 -29.30	296.02 29.15 -9.50	203.80 15.26 -28.66	106.77 8.72 0.00
HUDSON___115KV_TB 4 355613	67.43 2.37 0.00	69.48 1.97 0.00	66.07 1.89 0.00	58.27 1.76 0.00	57.34 1.78 0.00	63.59 1.76 0.00	58.73 1.68 0.00	57.95 1.76 0.00	54.63 1.41 0.00	66.52 1.44 17.93	44.86 1.55 0.00	67.56 1.86 0.00	86.12 2.56 0.00	182.43 6.10 0.00	593.48 20.45 0.00	775.93 28.18 -24.15	687.06 25.60 -8.44	1451.42 67.60 -32.66	1659.14 81.74 -186.44	1474.74 55.63 -484.29	618.43 30.98 -48.60	290.39 14.97 -18.05	205.78 8.49 -37.41	102.87 4.82 0.00
HUNTER MOUNT___DRP 323613	67.62 2.57 0.00	69.65 2.14 0.00	66.20 2.03 0.00	58.39 1.87 0.00	57.45 1.89 0.00	63.74 1.91 0.00	58.89 1.83 0.00	58.10 1.91 0.00	54.72 1.51 0.00	66.61 1.53 26.09	36.84 1.69 0.00	67.71 2.00 0.00	86.32 2.76 0.00	182.92 6.59 0.00	595.66 22.63 0.00	799.22 30.64 -44.98	696.24 27.51 -15.72	1480.93 71.84 -57.93	1706.20 86.82 -228.42	1448.78 57.65 -456.29	614.73 32.12 -43.76	289.22 15.61 -16.25	205.51 8.91 -36.72	103.11 5.07 0.00
HUNTINGTON_RES_REC 323705	68.82 4.05 0.30	69.48 3.23 1.27	67.26 3.09 0.00	59.97 3.46 0.00	59.54 3.98 0.00	65.83 3.99 0.00	60.67 3.62 0.00	60.81 4.42 -0.20	57.38 4.16 0.00	67.92 4.56 1.71	68.07 5.75 -1.08	136.58 7.14 -63.73	362.08 9.49 -269.03	807.71 21.26 -610.12	654.23 72.43 -8.77	1190.25 96.66 -370.00	1006.30 81.74 -271.53	3549.04 179.38 -2018.50	4188.68 184.20 -2613.52	1746.91 119.07 -693.02	636.93 60.83 -37.25	286.43 24.91 -4.15	226.16 14.07 -52.21	128.27 8.97 -21.25
HUNTLEY___63 23557	63.99 -1.07 0.00	65.83 -1.68 0.00	61.77 -2.41 0.00	54.79 -1.73 0.00	53.53 -2.03 0.00	60.16 -1.67 0.00	55.52 -1.53 0.00	54.38 -1.81 0.00	52.12 -1.10 0.00	65.11 0.03 0.00	62.53 1.28 0.00	67.34 1.63 0.00	86.65 3.10 0.00	179.85 3.88 0.36	574.70 8.91 7.25	649.92 -2.79 70.88	585.64 -8.43 58.95	1134.47 -43.58 173.10	1193.15 -81.05 116.76	899.31 -42.26 -6.74	526.04 -16.32 -3.52	253.83 -4.85 -1.31	159.32 -4.92 -4.36	100.31 2.26 0.00
HUNTLEY___64 23558	63.99 -1.07 0.00	65.83 -1.68 0.00	61.77 -2.41 0.00	54.79 -1.73 0.00	53.53 -2.03 0.00	60.16 -1.67 0.00	55.52 -1.53 0.00	54.38 -1.81 0.00	52.12 -1.10 0.00	65.11 0.03 0.00	62.53 1.28 0.00	67.34 1.63 0.00	86.65 3.10 0.00	179.85 3.88 0.36	574.70 8.91 7.25	649.92 -2.79 70.88	585.64 -8.43 58.95	1134.47 -43.58 173.10	1193.15 -81.05 116.76	899.31 -42.26 -6.74	526.04 -16.32 -3.52	253.83 -4.85 -1.31	159.32 -4.92 -4.36	100.31 2.26 0.00
HUNTLEY___65 23559	63.99 -1.07 0.00	65.83 -1.68 0.00	61.77 -2.41 0.00	54.79 -1.73 0.00	53.53 -2.03 0.00	60.16 -1.67 0.00	55.52 -1.53 0.00	54.38 -1.81 0.00	52.12 -1.10 0.00	65.11 0.03 0.00	62.53 1.28 0.00	67.34 1.63 0.00	86.65 3.10 0.00	179.85 3.88 0.36	574.70 8.91 7.25	649.92 -2.79 70.88	585.64 -8.43 58.95	1134.47 -43.58 173.10	1193.15 -81.05 116.76	899.31 -42.26 -6.74	526.04 -16.32 -3.52	253.83 -4.85 -1.31	159.32 -4.92 -4.36	100.31 2.26 0.00
HUNTLEY___66 23560	63.99 -1.07 0.00	65.83 -1.68 0.00	61.77 -2.41 0.00	54.79 -1.73 0.00	53.53 -2.03 0.00	60.16 -1.67 0.00	55.52 -1.53 0.00	54.38 -1.81 0.00	52.12 -1.10 0.00	65.11 0.03 0.00	62.53 1.28 0.00	67.34 1.63 0.00	86.65 3.10 0.00	179.85 3.88 0.36	574.70 8.91 7.25	649.92 -2.79 70.88	585.64 -8.43 58.95	1134.47 -43.58 173.10	1193.15 -81.05 116.76	899.31 -42.26 -6.74	526.04 -16.32 -3.52	253.83 -4.85 -1.31	159.32 -4.92 -4.36	100.31 2.26 0.00
HUNTLEY___67 23561	63.83 -1.23 0.00	65.68 -1.83 0.00	61.65 -2.52 0.00	54.70 -1.81 0.00	53.46 -2.11 0.00	60.05 -1.78 0.00	55.44 -1.62 0.00	54.26 -1.93 0.00	51.96 -1.26 0.00	64.90 -0.18 0.00	62.24 1.00 0.00	67.19 1.48 0.00	86.55 2.99 0.00	179.90 3.93 0.36	574.86 8.99 7.17	651.77 -1.62 70.20	584.45 -9.48 59.09	1136.66 -43.15 171.34	1194.64 -79.64 116.68	900.74 -41.62 -7.54	526.59 -15.83 -3.57	254.39 -4.31 -1.33	159.63 -4.67 -4.43	100.11 2.06 0.00
HUNTLEY___68 23562	63.83 -1.23 0.00	65.68 -1.83 0.00	61.65 -2.52 0.00	54.70 -1.81 0.00	53.46 -2.11 0.00	60.05 -1.78 0.00	55.44 -1.62 0.00	54.26 -1.93 0.00	51.96 -1.26 0.00	64.90 -0.18 0.00	62.24 1.00 0.00	67.19 1.48 0.00	86.55 2.99 0.00	179.90 3.93 0.36	574.86 8.99 7.17	651.77 -1.62 70.20	584.45 -9.48 59.09	1136.66 -43.15 171.34	1194.64 -79.64 116.68	900.74 -41.62 -7.54	526.59 -15.83 -3.57	254.39 -4.31 -1.33	159.63 -4.67 -4.43	100.11 2.06 0.00



HYLAND___LFGE 323620	67.27 2.21 0.00	68.94 1.43 0.00	64.60 0.44 0.00	56.96 0.44 0.00	55.70 0.14 0.00	62.45 0.62 0.00	58.01 0.96 0.00	56.59 0.40 0.00	53.13 -0.08 0.00	65.52 0.44 0.00	62.52 1.28 0.00	67.52 1.82 0.00	82.97 -0.59 0.00	168.71 -9.10 -1.48	574.07 -28.55 -29.58	960.00 -52.77 -289.17	842.32 -53.41 -242.71	1929.51 -128.83 -707.18	1884.91 -144.54 -638.49	1019.29 -58.79 -143.25	535.63 -7.17 -3.96	252.11 -6.73 -1.47	162.47 -2.32 -4.91	107.16 9.11 0.00
INDECK___CORINTH 23802	68.25 3.19 0.00	70.36 2.85 0.00	66.85 2.68 0.00	58.91 2.40 0.00	58.45 2.89 0.00	65.04 3.21 0.00	59.95 2.89 0.00	59.36 3.18 0.00	56.04 2.82 0.00	68.46 3.38 0.00	64.64 3.40 0.00	69.76 4.05 0.00	88.96 5.40 0.00	187.82 11.49 0.00	608.88 35.84 0.00	771.81 48.21 0.00	697.45 44.43 0.00	1470.88 114.18 -5.54	2410.47 129.58 -889.92	1878.64 85.63 -858.19	676.07 47.55 -89.68	313.10 22.43 -33.30	291.28 13.07 -118.33	105.14 7.09 0.00
INDECK___ILION 23567	66.17 1.12 0.00	68.46 0.94 0.00	65.16 0.99 0.00	57.41 0.90 0.00	56.51 0.95 0.00	62.80 0.97 0.00	57.84 0.79 0.00	56.97 0.78 0.00	53.76 0.54 0.00	65.70 0.62 0.00	62.09 0.84 0.00	66.88 1.18 0.00	84.40 1.75 0.90	207.18 3.97 -26.87	691.35 12.57 -105.75	882.14 17.98 -140.57	766.18 14.25 -98.91	1586.84 42.95 -192.73	1548.03 53.31 -103.77	1021.37 38.10 -48.44	572.52 20.01 -13.66	269.14 9.97 -1.80	165.67 5.79 0.00	101.28 3.23 0.00
INDECK___OLEAN 23982	64.07 -0.99 0.00	65.88 -1.63 0.00	61.56 -2.62 0.00	54.43 -2.08 0.00	53.30 -2.27 0.00	59.60 -2.23 0.00	55.13 -1.92 0.00	54.38 -1.81 0.00	52.08 -1.14 0.00	65.00 -0.08 0.00	61.95 0.71 0.00	67.00 1.29 0.00	86.63 3.07 0.00	181.37 5.12 0.08	585.92 14.45 1.57	722.13 13.91 15.37	639.87 -0.25 12.90	1303.67 -10.18 37.30	1353.14 -42.34 -4.51	952.85 -16.37 -34.40	537.81 -5.33 -4.29	261.47 2.51 -1.59	163.67 -1.53 -5.32	100.23 2.19 0.00
INDECK___OSWEGO 23783	63.26 -1.80 0.00	65.44 -2.08 0.00	62.08 -2.09 0.00	54.67 -1.85 0.00	53.73 -1.84 0.00	59.78 -2.05 0.00	55.16 -1.89 0.00	54.32 -1.87 0.00	51.53 -1.68 0.00	63.22 -1.86 0.00	59.71 -1.53 0.00	64.24 -1.47 0.00	81.06 -1.70 0.79	170.51 -3.99 1.83	503.38 -13.94 55.71	628.49 -21.42 73.69	592.80 -20.87 39.36	1224.22 -50.01 76.93	1261.75 -56.68 72.54	834.16 -36.76 63.91	505.19 -18.98 14.67	246.97 -8.56 1.85	155.25 -4.63 0.00	95.80 -2.25 0.00
INDECK___YERKES 23781	63.98 -1.08 0.00	65.84 -1.67 0.00	61.82 -2.35 0.00	54.78 -1.74 0.00	53.52 -2.05 0.00	60.18 -1.65 0.00	55.51 -1.54 0.00	54.38 -1.81 0.00	52.11 -1.11 0.00	65.10 0.02 0.00	62.50 1.25 0.00	67.33 1.62 0.00	86.64 3.09 0.00	179.77 3.80 0.36	574.17 8.38 7.25	651.00 -1.71 70.88	586.91 -7.16 58.95	1136.92 -41.13 173.10	1192.59 -81.61 116.76	899.06 -42.51 -6.74	526.16 -16.20 -3.52	253.81 -4.87 -1.31	159.31 -4.93 -4.36	100.28 2.23 0.00
INDIAN POINT_GT_1 24139	68.70 3.65 0.00	70.91 3.39 0.00	67.45 3.28 0.00	59.36 2.84 0.00	58.48 2.92 0.00	64.83 3.00 0.00	59.76 2.71 0.00	59.58 3.39 0.00	56.82 3.60 0.00	69.64 4.56 0.00	66.21 4.97 0.00	71.61 5.91 0.00	91.69 8.14 0.00	194.68 18.35 0.00	635.62 62.58 0.00	1118.84 84.40 -310.85	834.25 72.62 -108.60	1889.21 155.07 -382.98	2094.50 157.95 -545.58	1517.03 104.30 -477.90	616.19 55.95 -21.40	291.33 26.02 -7.95	202.36 14.13 -28.35	106.20 8.15 0.00
INDIAN POINT_GT_2 23659	68.70 3.65 0.00	70.91 3.39 0.00	67.45 3.28 0.00	59.36 2.84 0.00	58.48 2.92 0.00	64.83 3.00 0.00	59.76 2.71 0.00	59.58 3.39 0.00	56.82 3.60 0.00	69.64 4.56 0.00	66.21 4.97 0.00	71.61 5.91 0.00	91.69 8.14 0.00	194.68 18.35 0.00	635.62 62.58 0.00	1118.84 84.40 -310.85	834.25 72.62 -108.60	1889.21 155.07 -382.98	2094.50 157.95 -545.58	1517.03 104.30 -477.90	616.19 55.95 -21.40	291.33 26.02 -7.95	202.36 14.13 -28.35	106.20 8.15 0.00
INDIAN POINT_GT_3 24019	68.70 3.65 0.00	70.91 3.39 0.00	67.45 3.28 0.00	59.36 2.84 0.00	58.48 2.92 0.00	64.83 3.00 0.00	59.76 2.71 0.00	59.58 3.39 0.00	56.82 3.60 0.00	69.64 4.56 0.00	66.21 4.97 0.00	71.61 5.91 0.00	91.69 8.14 0.00	194.68 18.35 0.00	635.62 62.58 0.00	1118.84 84.40 -310.85	834.25 72.62 -108.60	1889.21 155.07 -382.98	2094.50 157.95 -545.58	1517.03 104.30 -477.90	616.19 55.95 -21.40	291.33 26.02 -7.95	202.36 14.13 -28.35	106.20 8.15 0.00
INDIAN POINT___2 23530	68.60 3.54 0.00	70.79 3.27 0.00	67.33 3.16 0.00	59.26 2.74 0.00	58.38 2.82 0.00	64.71 2.88 0.00	59.64 2.59 0.00	59.47 3.29 0.00	56.71 3.50 0.00	69.50 4.42 0.00	66.10 4.85 0.00	71.48 5.77 0.00	91.51 7.95 0.00	194.26 17.92 0.00	634.40 61.37 0.00	1104.17 82.70 -297.88	828.27 71.18 -104.07	1869.68 151.49 -367.04	2073.22 154.16 -528.10	1500.59 102.18 -463.58	614.72 54.76 -21.10	290.74 25.54 -7.84	201.62 13.83 -27.91	106.04 7.99 0.00
INDIAN POINT___3 23531	68.57 3.51 0.00	70.77 3.25 0.00	67.32 3.15 0.00	59.25 2.73 0.00	58.38 2.81 0.00	64.71 2.88 0.00	59.63 2.58 0.00	59.45 3.26 0.00	56.69 3.47 0.00	69.50 4.42 0.00	66.06 4.81 0.00	71.44 5.73 0.00	91.45 7.90 0.00	194.11 17.78 0.00	633.88 60.84 0.00	1117.23 82.09 -311.54	832.43 70.57 -108.84	1885.50 150.51 -383.83	2091.02 153.61 -546.45	1514.76 101.34 -478.59	614.54 54.28 -21.41	290.60 25.28 -7.95	201.92 13.68 -28.36	105.98 7.93 0.00
INGHAM_C_115KV_TB7 356103	67.13 2.07 0.00	69.26 1.74 0.00	65.97 1.80 0.00	58.16 1.64 0.00	57.31 1.75 0.00	63.60 1.77 0.00	58.47 1.42 0.00	57.40 1.21 0.00	53.87 0.65 0.00	65.67 0.59 0.00	62.21 0.97 0.00	67.26 1.56 0.00	85.15 2.50 0.90	209.09 5.89 -26.87	696.81 18.03 -105.75	891.65 27.48 -140.57	772.94 21.01 -98.91	1617.32 73.43 -192.73	1590.49 95.76 -103.77	1053.56 70.29 -48.44	589.26 36.75 -13.66	277.55 18.39 -1.80	170.60 10.72 0.00	103.92 5.88 0.00
IP CORINTH___1 23988	68.63 3.58 0.00	70.76 3.24 0.00	67.23 3.06 0.00	59.23 2.72 0.00	58.77 3.21 0.00	65.40 3.57 0.00	60.28 3.23 0.00	59.69 3.50 0.00	56.35 3.14 0.00	68.84 3.76 0.00	65.01 3.77 0.00	70.15 4.45 0.00	89.45 5.89 0.00	188.87 12.54 0.00	612.31 39.27 0.00	775.99 52.39 0.00	701.28 48.26 0.00	1478.66 121.96 -5.54	2418.36 137.47 -889.92	1883.78 90.76 -858.19	679.11 50.59 -89.68	314.64 23.98 -33.30	292.17 13.97 -118.33	105.71 7.66 0.00
IP___TICONDEROGA 23804	71.02 5.96 0.00	73.19 5.67 0.00	69.51 5.33 0.00	61.35 4.83 0.00	62.12 6.56 0.00	69.50 7.67 0.00	63.54 6.49 0.00	62.60 6.41 0.00	58.81 5.59 0.00	72.01 6.93 0.00	68.71 7.47 0.00	74.22 8.52 0.00	94.95 11.40 0.00	201.55 25.21 0.00	646.87 73.84 0.00	823.23 99.63 0.00	736.65 83.63 0.00	1563.51 206.85 -5.50	2486.64 208.08 -887.60	1929.85 143.33 -851.69	705.80 77.95 -89.00	328.93 38.51 -33.05	301.05 23.36 -117.81	111.08 13.03 0.00
ISLIP_RES_REC 323679	70.09 5.03 0.00	70.51 4.21 1.21	68.18 4.01 0.00	60.71 4.19 0.00	60.19 4.62 0.00	66.57 4.74 0.00	61.40 4.34 0.00	61.67 5.27 -0.21	58.35 5.13 0.00	69.43 5.71 1.36	69.36 6.97 -1.15	93.74 8.56 -19.48	166.90 11.32 -72.02	311.62 24.27 -111.02	662.84 79.09 -10.72	1203.10 102.92 -376.59	1019.81 85.90 -280.90	3566.72 191.15 -2024.41	4207.04 196.94 -2619.14	1763.71 125.53 -703.35	642.57 62.68 -41.04	287.85 25.43 -5.05	212.03 15.24 -36.91	114.70 10.69 -5.96



JAMAICA__27_KV_LOAD 355505	69.58 4.53 0.00	72.02 4.51 0.00	68.48 4.31 0.00	60.17 3.65 0.00	59.27 3.70 0.00	65.74 3.91 0.00	60.62 3.56 0.00	60.59 4.40 0.00	58.01 4.79 0.00	71.09 6.01 0.00	67.40 6.16 0.00	73.02 7.25 -0.06	94.10 10.02 -0.53	202.28 22.64 -3.31	659.72 78.30 -8.38	1170.91 106.48 -340.83	881.14 92.84 -135.28	2003.46 194.31 -457.99	2232.61 198.00 -643.65	1619.04 129.67 -554.54	641.30 71.22 -31.23	300.09 32.85 -9.87	205.74 17.21 -28.66	107.83 9.78 0.00
JANIS__SOLAR 323808	68.17 3.11 0.00	70.46 2.94 0.00	66.62 2.45 0.00	58.64 2.12 0.00	57.56 2.00 0.00	64.34 2.51 0.00	59.55 2.49 0.00	58.50 2.31 0.00	55.06 1.84 0.00	67.54 2.47 0.00	63.86 2.62 0.00	68.68 2.97 0.00	88.55 4.07 -0.93	186.77 8.30 -2.14	600.55 25.53 -1.99	779.57 36.81 -19.16	703.37 34.24 -16.11	1470.32 71.76 -47.40	1573.69 73.86 -108.87	1081.35 65.47 -81.05	588.70 42.04 -7.81	280.43 20.16 -2.90	180.17 10.59 -9.69	105.15 7.10 0.00
JARVIS____ 23743	65.39 0.33 0.00	67.80 0.29 0.00	64.47 0.30 0.00	56.77 0.25 0.00	55.84 0.28 0.00	62.08 0.25 0.00	57.29 0.23 0.00	56.52 0.34 0.00	53.53 0.31 0.00	65.48 0.40 0.00	61.74 0.50 0.00	66.36 0.66 0.00	83.61 0.96 0.90	205.18 1.98 -26.87	685.64 6.86 -105.75	873.21 9.04 -140.57	759.18 7.24 -98.91	1560.90 17.01 -192.73	1512.63 17.90 -103.77	995.22 11.95 -48.44	559.06 6.55 -13.66	262.45 3.29 -1.80	161.81 1.93 0.00	99.17 1.12 0.00
JENNISON____1 23625	67.29 2.24 0.00	69.86 2.35 0.00	66.19 2.02 0.00	58.45 1.94 0.00	57.35 1.78 0.00	63.92 2.08 0.00	59.28 2.23 0.00	58.39 2.20 0.00	55.55 2.34 0.00	68.51 3.43 0.00	65.09 3.85 0.00	70.05 4.35 0.00	89.92 5.69 -0.67	190.03 12.24 -1.47	609.84 36.81 0.00	777.26 53.67 0.00	701.13 48.10 0.00	1450.15 98.27 -0.72	1587.81 94.37 -102.49	1116.97 71.86 -110.28	590.91 40.42 -11.64	279.49 17.80 -4.32	182.79 8.47 -14.44	104.03 5.98 0.00
JENNISON____2 23626	67.29 2.24 0.00	69.86 2.35 0.00	66.19 2.02 0.00	58.45 1.94 0.00	57.35 1.78 0.00	63.92 2.08 0.00	59.28 2.23 0.00	58.39 2.20 0.00	55.55 2.34 0.00	68.51 3.43 0.00	65.09 3.85 0.00	70.05 4.35 0.00	89.92 5.69 -0.67	190.03 12.24 -1.47	609.84 36.81 0.00	777.26 53.67 0.00	701.13 48.10 0.00	1450.15 98.27 -0.72	1587.81 94.37 -102.49	1116.97 71.86 -110.28	590.91 40.42 -11.64	279.49 17.80 -4.32	182.79 8.47 -14.44	104.03 5.98 0.00
JERICOHO_RISE_WT_PWR 323719	62.99 -2.07 0.00	65.97 -1.54 0.00	62.86 -1.31 0.00	55.27 -1.24 0.00	54.14 -1.43 0.00	60.35 -1.48 0.00	55.92 -1.13 0.00	55.14 -1.05 0.00	52.00 -1.22 0.00	63.14 -1.94 0.00	58.94 -2.30 0.00	62.79 -2.92 0.00	61.19 -4.62 17.75	87.60 -9.59 79.14	260.32 -31.05 281.66	310.16 -36.33 377.11	343.51 -28.56 280.96	745.20 -59.01 546.95	1080.44 -62.99 247.54	784.61 -46.67 103.54	494.97 -21.30 22.57	242.85 -11.71 2.80	153.94 -5.94 0.00	93.76 -4.28 0.00
KATONAH__115KV_46KV_TB4 355592	69.49 4.44 0.00	71.65 4.14 0.00	68.11 3.94 0.00	59.89 3.38 0.00	59.01 3.44 0.00	65.42 3.59 0.00	60.35 3.30 0.00	60.19 4.01 0.00	57.43 4.21 0.00	70.54 5.46 0.00	67.12 5.88 0.00	72.67 6.96 0.00	93.14 9.59 0.00	197.85 21.52 0.00	646.12 73.08 0.00	1147.66 98.46 -325.60	851.97 85.19 -113.76	1933.69 181.40 -401.13	2141.85 183.88 -567.00	1551.62 120.74 -496.06	625.44 64.66 -21.93	295.43 29.92 -8.14	205.23 16.28 -29.07	107.41 9.36 0.00
KCE_NY_1 323755	68.75 3.69 0.00	70.87 3.36 0.00	67.37 3.20 0.00	59.36 2.84 0.00	58.57 3.01 0.00	65.11 3.27 0.00	60.09 3.04 0.00	59.46 3.27 0.00	56.20 2.99 0.00	68.68 3.60 0.00	64.99 3.75 0.00	69.97 4.27 0.00	89.39 5.83 0.00	188.70 12.37 0.00	612.54 39.51 0.00	775.36 51.76 0.00	700.36 47.34 0.00	1470.70 114.10 -5.44	2400.81 125.52 -884.33	1860.88 83.51 -842.54	673.02 46.12 -88.05	312.04 21.98 -32.69	289.85 12.88 -117.08	105.21 7.16 0.00
KCE_NY_6_ESR 323823	64.52 -0.54 0.00	66.39 -1.12 0.00	62.30 -1.87 0.00	55.18 -1.33 0.00	53.92 -1.65 0.00	60.54 -1.30 0.00	55.92 -1.13 0.00	54.82 -1.37 0.00	52.49 -0.72 0.00	65.61 0.53 0.00	62.87 1.63 0.00	67.92 2.22 0.00	87.59 4.04 0.00	182.11 6.21 0.43	580.65 16.11 8.49	650.99 10.53 83.14	585.08 1.87 69.80	1131.58 -16.60 202.97	1194.28 -55.32 141.37	914.11 -25.33 -4.62	536.12 -6.49 -3.77	259.06 0.29 -1.40	162.54 -2.01 -4.67	101.43 3.39 0.00
KEDC_PORT_JEFF_GT2 24210	68.96 4.37 0.47	69.78 3.57 1.31	67.60 3.43 0.00	60.22 3.71 0.00	59.71 4.14 0.00	66.04 4.21 0.00	60.88 3.83 0.00	61.05 4.67 -0.20	57.62 4.41 0.00	68.27 4.68 1.49	68.22 5.93 -1.05	96.66 7.18 -23.77	182.59 9.26 -89.77	352.13 20.40 -155.40	649.22 67.36 -8.83	1182.08 89.11 -369.37	999.49 73.66 -272.81	3530.41 164.15 -2015.10	4170.87 170.13 -2609.77	1739.16 109.38 -694.95	631.15 54.05 -38.25	283.55 21.53 -4.65	211.06 12.65 -38.53	114.86 9.23 -7.58
KEDC_PORT_JEFF_GT3 24211	68.96 4.37 0.47	69.78 3.57 1.31	67.60 3.43 0.00	60.22 3.71 0.00	59.71 4.14 0.00	66.04 4.21 0.00	60.88 3.83 0.00	61.05 4.67 -0.20	57.62 4.41 0.00	68.27 4.68 1.49	68.22 5.93 -1.05	96.66 7.18 -23.77	182.59 9.26 -89.77	352.13 20.40 -155.40	649.22 67.36 -8.83	1182.08 89.11 -369.37	999.49 73.66 -272.81	3530.41 164.15 -2015.10	4170.87 170.13 -2609.77	1739.16 109.38 -694.95	631.15 54.05 -38.25	283.55 21.53 -4.65	211.06 12.65 -38.53	114.86 9.23 -7.58
KEDC_GLWD_GT4 24219	88.22 4.65 -18.51	74.25 4.19 -2.54	68.16 3.99 0.00	60.22 3.71 0.00	59.45 3.89 0.00	65.86 4.03 0.00	60.73 3.68 0.00	61.57 4.49 -0.88	57.78 4.56 0.00	73.14 5.52 -2.55	72.31 6.10 -4.96	88.17 7.31 -15.15	125.21 9.89 -31.76	231.66 22.04 -33.29	743.07 74.51 -95.52	1518.63 99.58 -695.46	1393.81 85.75 -655.04	4042.60 183.03 -2508.41	4686.28 186.04 -3109.28	2145.52 122.31 -1088.38	759.94 65.59 -155.50	308.37 29.24 -21.76	206.66 15.83 -30.95	107.20 9.15 0.00
KEDC_GLWD_GT5 24220	88.22 4.65 -18.51	74.25 4.19 -2.54	68.16 3.99 0.00	60.22 3.71 0.00	59.45 3.89 0.00	65.86 4.03 0.00	60.73 3.68 0.00	61.57 4.49 -0.88	57.78 4.56 0.00	73.14 5.52 -2.55	72.31 6.10 -4.96	88.17 7.31 -15.15	125.21 9.89 -31.76	231.66 22.04 -33.29	743.07 74.51 -95.52	1518.63 99.58 -695.46	1393.81 85.75 -655.04	4042.60 183.03 -2508.41	4686.28 186.04 -3109.28	2145.52 122.31 -1088.38	759.94 65.59 -155.50	308.37 29.24 -21.76	206.66 15.83 -30.95	107.20 9.15 0.00
KENSICO____ 23655	68.88 3.82 0.00	71.10 3.59 0.00	67.65 3.48 0.00	59.54 3.02 0.00	58.67 3.11 0.00	65.04 3.21 0.00	59.95 2.90 0.00	59.80 3.61 0.00	57.05 3.83 0.00	69.95 4.87 0.00	66.46 5.22 0.00	71.89 6.18 0.00	92.03 8.48 0.00	195.39 19.06 0.00	638.01 64.98 0.00	1128.30 87.38 -317.32	839.19 75.30 -110.86	1902.66 160.56 -390.94	2109.11 163.57 -554.59	1527.96 107.82 -485.32	618.19 57.76 -21.57	292.25 26.87 -8.01	202.99 14.51 -28.60	106.46 8.41 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	69.19 4.13 0.00	71.40 3.89 0.00	67.82 3.65 0.00	59.61 3.10 0.00	58.66 3.10 0.00	65.08 3.25 0.00	60.05 2.99 0.00	59.83 3.64 0.00	56.96 3.74 0.00	69.89 4.81 0.00	63.24 5.10 3.10	71.30 5.59 0.00	91.24 7.69 0.00	193.93 17.60 0.00	633.07 60.04 0.00	998.19 82.01 -192.59	794.69 74.38 -67.29	1757.49 168.47 -237.86	1971.12 173.45 -406.71	1435.20 116.06 -384.31	623.95 62.52 -22.58	294.86 29.11 -8.38	203.69 15.80 -28.01	107.15 9.11 0.00



KIAC_JFK_GT1 23816	68.82 3.77 0.00	71.25 3.73 0.00	67.80 3.62 0.00	59.56 3.05 0.00	58.67 3.11 0.00	65.07 3.24 0.00	59.99 2.94 0.00	59.96 3.77 0.00	57.40 4.18 0.00	70.34 5.27 0.00	66.68 5.44 0.00	72.22 6.45 -0.06	93.05 8.97 -0.53	200.02 20.39 -3.31	652.17 70.75 -8.38	1162.94 98.51 -340.83	874.85 86.55 -135.28	1987.85 178.70 -457.99	2213.80 179.19 -643.65	1606.45 117.09 -554.54	635.32 65.24 -31.23	297.28 30.05 -9.87	203.83 15.29 -28.66	106.50 8.46 0.00
KIAC_JFK_GT2 23817	68.82 3.77 0.00	71.25 3.73 0.00	67.80 3.62 0.00	59.56 3.05 0.00	58.67 3.11 0.00	65.07 3.24 0.00	59.99 2.94 0.00	59.96 3.77 0.00	57.40 4.18 0.00	70.34 5.27 0.00	66.68 5.44 0.00	72.22 6.45 -0.06	93.05 8.97 -0.53	200.02 20.39 -3.31	652.17 70.75 -8.38	1162.94 98.51 -340.83	874.85 86.55 -135.28	1987.85 178.70 -457.99	2213.80 179.19 -643.65	1606.45 117.09 -554.54	635.32 65.24 -31.23	297.28 30.05 -9.87	203.83 15.29 -28.66	106.50 8.46 0.00
KIAC_JFK____ 323774	68.83 3.78 0.00	71.24 3.73 0.00	67.77 3.60 0.00	59.56 3.05 0.00	58.67 3.11 0.00	65.07 3.24 0.00	59.98 2.93 0.00	59.96 3.77 0.00	57.40 4.18 0.00	70.34 5.27 0.00	66.68 5.44 0.00	72.21 6.44 -0.06	93.06 8.97 -0.53	199.97 20.34 -3.31	651.86 70.44 -8.38	1162.76 98.33 -340.83	874.76 86.47 -135.28	1987.89 178.74 -457.99	2213.75 179.14 -643.65	1606.36 116.99 -554.54	635.30 65.22 -31.23	297.33 30.09 -9.87	203.82 15.28 -28.66	106.50 8.46 0.00
KINTIGH__24_KV_GSU 356498	64.34 -0.72 0.00	66.25 -1.27 0.00	62.35 -1.82 0.00	55.22 -1.30 0.00	54.02 -1.54 0.00	60.64 -1.20 0.00	55.91 -1.14 0.00	54.79 -1.40 0.00	52.38 -0.83 0.00	65.21 0.14 0.00	62.38 1.14 0.00	67.27 1.57 0.00	86.49 2.93 0.00	180.00 3.89 0.22	577.23 8.54 4.34	681.58 0.55 42.57	609.25 -7.91 35.86	1207.47 -39.87 103.83	1254.01 -73.36 63.59	910.27 -37.28 -12.72	529.36 -12.52 -3.04	254.98 -3.52 -1.13	159.79 -3.85 -3.77	100.02 1.97 0.00
KINTIGH____ 23543	64.30 -0.76 0.00	66.16 -1.36 0.00	62.24 -1.93 0.00	55.17 -1.35 0.00	53.97 -1.60 0.00	60.56 -1.27 0.00	55.87 -1.18 0.00	54.74 -1.45 0.00	52.34 -0.88 0.00	65.17 0.09 0.00	62.37 1.12 0.00	67.25 1.54 0.00	86.45 2.89 0.00	180.03 3.92 0.22	577.60 8.90 4.34	680.62 -0.41 42.57	608.27 -8.89 35.86	1206.07 -41.26 103.83	1255.12 -72.25 63.59	910.80 -36.75 -12.72	529.18 -12.71 -3.04	254.98 -3.52 -1.13	159.73 -3.92 -3.77	99.99 1.95 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	64.20 -0.86 0.00	67.25 -0.27 0.00	64.01 -0.16 0.00	56.31 -0.20 0.00	55.12 -0.44 0.00	61.46 -0.37 0.00	56.92 -0.14 0.00	56.20 0.01 0.00	52.89 -0.32 0.00	64.17 -0.90 0.00	60.09 -1.16 0.00	64.08 -1.62 0.00	71.98 -2.95 8.63	93.84 -6.48 76.02	282.05 -21.43 269.55	337.24 -22.28 364.08	364.07 -13.57 275.38	790.32 -24.83 536.01	1132.72 -29.65 228.59	833.62 -26.87 74.33	510.74 -9.65 18.47	249.07 -5.93 2.37	157.20 -2.68 0.00	95.42 -2.63 0.00
LACHUTE____HYDRO 323717	71.02 5.96 0.00	73.19 5.67 0.00	69.50 5.33 0.00	61.35 4.83 0.00	62.12 6.56 0.00	69.50 7.67 0.00	63.54 6.49 0.00	62.60 6.41 0.00	58.81 5.59 0.00	72.01 6.93 0.00	68.71 7.46 0.00	74.22 8.52 0.00	94.95 11.40 0.00	201.54 25.20 0.00	646.85 73.81 0.00	823.36 99.76 0.00	736.74 83.71 0.00	1563.68 207.02 -5.50	2486.66 208.09 -887.60	1929.83 143.31 -851.69	705.84 77.99 -89.00	328.93 38.51 -33.05	301.05 23.36 -117.81	111.08 13.03 0.00
LAWRNCV_115KV_TB1 80681	64.09 -0.97 0.00	66.80 -0.72 0.00	63.45 -0.72 0.00	55.82 -0.70 0.00	54.77 -0.79 0.00	61.17 -0.66 0.00	56.61 -0.44 0.00	55.35 -0.84 0.00	52.11 -1.11 0.00	63.15 -1.93 0.00	58.62 -2.62 0.00	61.65 -4.06 0.00	-67.31 -6.69 144.18	44.90 -15.05 116.38	110.23 -48.91 413.89	155.41 -59.15 509.04	267.50 -48.09 337.43	602.03 -91.41 657.71	843.33 -91.01 456.63	413.90 -61.47 459.45	439.65 -32.36 66.84	236.01 -14.10 7.26	154.23 -5.65 0.00	93.15 -4.90 0.00
LEDERLE____ 23769	69.04 3.98 0.00	71.18 3.67 0.00	67.66 3.49 0.00	59.53 3.02 0.00	58.62 3.05 0.00	64.98 3.15 0.00	59.89 2.84 0.00	59.75 3.56 0.00	57.01 3.80 0.00	69.94 4.86 0.00	66.59 5.35 0.00	72.05 6.35 0.00	92.32 8.76 0.00	196.03 19.70 0.00	640.26 67.22 0.00	1103.44 90.58 -289.26	832.39 78.31 -101.06	1872.84 165.24 -356.44	2074.49 167.35 -516.17	1499.45 110.83 -453.79	619.35 59.62 -20.88	292.90 27.78 -7.75	202.59 15.13 -27.58	106.81 8.77 0.00
LIGHTHSE_115KV_TB6 355974	63.89 -1.17 0.00	65.99 -1.53 0.00	62.52 -1.65 0.00	55.03 -1.48 0.00	54.03 -1.54 0.00	60.24 -1.60 0.00	55.74 -1.31 0.00	54.97 -1.22 0.00	52.16 -1.05 0.00	63.90 -1.18 0.00	60.15 -1.10 0.00	64.68 -1.03 0.00	71.71 -1.49 10.35	143.07 -4.08 29.17	399.17 -12.32 161.54	489.39 -18.25 215.96	519.60 -18.69 114.73	1088.34 -38.58 224.24	1142.36 -38.69 209.91	736.97 -16.97 180.89	490.99 -5.31 42.54	250.08 -1.91 5.38	159.61 -0.28 0.00	98.02 -0.03 0.00
LINDEN COGEN____ 23786	64.15 3.58 4.49	56.40 3.37 14.48	56.50 3.35 11.02	57.50 2.87 1.89	56.45 2.99 2.11	56.94 3.03 7.93	58.92 2.73 0.87	59.70 3.52 0.00	57.13 3.91 0.00	70.02 4.94 0.00	66.40 5.27 0.11	68.38 6.25 3.57	91.28 8.51 0.78	195.42 19.21 0.12	638.39 66.51 1.16	1129.80 89.55 -316.66	839.43 75.33 -111.09	1894.08 159.84 -383.09	2101.77 164.02 -546.78	1529.50 108.43 -486.24	618.75 58.29 -21.61	292.27 26.88 -8.02	202.58 14.04 -28.66	106.09 8.04 0.00
LINDHRST_69_KV_BK1 356055	76.11 5.08 -5.98	71.81 4.29 0.00	68.19 4.02 0.00	60.52 4.01 0.00	59.92 4.36 0.00	66.35 4.52 0.00	61.16 4.11 0.00	61.72 5.10 -0.43	58.14 4.92 0.00	70.93 5.84 -0.01	70.37 6.75 -2.38	82.48 8.18 -8.59	118.47 10.90 -24.01	213.39 24.43 -12.63	692.89 82.95 -36.90	1311.81 111.96 -476.26	1140.41 95.67 -391.72	3704.79 208.16 -2145.47	4352.23 212.94 -2748.32	1891.91 138.71 -818.37	689.94 72.63 -78.46	298.64 31.01 -10.27	208.41 17.12 -31.41	108.68 10.17 -0.46
LIPA_MISC_IPP 23656	68.75 4.36 0.67	69.76 3.60 1.35	67.69 3.52 0.00	60.29 3.78 0.00	59.76 4.19 0.00	66.10 4.27 0.00	60.86 3.81 0.00	61.14 4.76 -0.19	57.71 4.49 0.00	68.11 4.52 1.49	67.99 5.74 -1.01	90.22 7.23 -17.28	153.67 9.56 -60.56	279.14 21.17 -81.64	649.73 68.65 -8.05	1180.23 90.17 -366.46	995.41 72.40 -269.99	3520.03 157.62 -2011.25	4160.72 163.90 -2605.86	1734.10 107.23 -692.04	628.29 52.04 -37.39	282.56 20.60 -4.59	208.62 12.39 -36.35	112.29 8.84 -5.40
LISF____SOLAR 323691	68.92 4.45 0.59	69.90 3.72 1.33	67.78 3.60 0.00	60.44 3.92 0.00	59.91 4.34 0.00	66.25 4.41 0.00	61.03 3.98 0.00	61.26 4.88 -0.19	57.87 4.65 0.00	68.29 4.69 1.47	68.16 5.90 -1.02	91.24 7.44 -18.10	157.61 9.77 -64.28	288.76 21.58 -90.85	652.62 71.22 -8.36	1184.12 92.87 -367.65	999.26 75.00 -271.24	3527.68 163.72 -2012.80	4168.56 170.17 -2607.43	1739.95 111.79 -693.34	631.27 54.62 -37.80	283.88 21.88 -4.63	209.54 13.05 -36.61	112.94 9.23 -5.66
LITTLE FALLS____HYD 24013	67.13 2.07 0.00	69.26 1.74 0.00	65.97 1.80 0.00	58.16 1.64 0.00	57.31 1.75 0.00	63.60 1.77 0.00	58.47 1.42 0.00	57.40 1.21 0.00	53.87 0.65 0.00	65.67 0.59 0.00	62.21 0.97 0.00	67.26 1.56 0.00	85.15 2.50 0.90	209.09 5.89 -26.87	696.81 18.03 -105.75	891.65 27.48 -140.57	772.94 21.01 -98.91	1617.32 73.43 -192.73	1590.49 95.76 -103.77	1053.56 70.29 -48.44	589.26 36.75 -13.66	277.55 18.39 -1.80	170.60 10.72 0.00	103.92 5.88 0.00



LITTLRIV_115KV_TB1 356100	65.40 0.34 0.00	68.09 0.58 0.00	64.63 0.46 0.00	56.86 0.35 0.00	55.80 0.23 0.00	62.36 0.53 0.00	57.66 0.60 0.00	56.08 -0.11 0.00	52.51 -0.71 0.00	63.46 -1.61 0.00	58.85 -2.40 0.00	61.84 -3.87 0.00	-60.61 -6.48 137.69	44.66 -14.42 117.25	102.43 -46.92 423.69	142.45 -56.31 524.83	265.05 -43.78 344.20	613.88 -66.30 670.98	849.40 -70.80 470.76	424.77 -46.13 463.94	447.20 -21.19 70.47	240.41 -9.17 7.79	156.94 -2.94 0.00	94.84 -3.21 0.00
LI_NEWBRDGE___DRP 323616	64.07 3.95 4.93	68.54 3.23 2.21	67.28 3.11 0.00	59.68 3.17 0.00	59.03 3.46 0.00	65.34 3.51 0.00	60.20 3.15 0.00	60.23 4.01 -0.03	57.06 3.85 0.00	67.39 4.56 2.26	66.79 5.42 -0.12	72.95 6.59 -0.66	102.44 8.81 -10.08	192.13 20.07 4.27	631.38 68.78 10.43	1113.45 92.01 -297.85	927.20 78.38 -195.80	3436.89 169.93 -1915.80	4069.73 172.80 -2505.97	1655.33 112.81 -607.69	611.45 60.35 -12.25	284.35 25.77 -1.21	205.08 14.26 -30.94	106.34 8.30 0.00
LOCKPORT_115KV_TB60_63_64 80432	63.57 -1.49 0.00	65.32 -2.19 0.00	61.30 -2.87 0.00	54.40 -2.11 0.00	53.16 -2.40 0.00	59.79 -2.05 0.00	55.12 -1.93 0.00	53.88 -2.31 0.00	51.57 -1.65 0.00	64.34 -0.74 0.00	61.81 0.56 0.00	66.52 0.82 0.00	85.52 1.96 0.00	177.70 1.70 0.33	570.22 3.79 6.60	648.60 -10.57 64.42	584.98 -15.70 52.33	1132.67 -61.01 157.47	1191.35 -97.26 102.36	890.47 -51.91 -7.55	521.47 -20.73 -3.35	251.54 -7.07 -1.25	158.10 -5.94 -4.16	99.76 1.71 0.00
LOCKPORT___CC1 323769	63.27 -1.79 0.00	65.08 -2.43 0.00	61.13 -3.04 0.00	54.18 -2.33 0.00	52.95 -2.62 0.00	59.55 -2.28 0.00	54.89 -2.17 0.00	53.64 -2.55 0.00	51.36 -1.86 0.00	64.07 -1.01 0.00	61.49 0.25 0.00	66.22 0.52 0.00	85.16 1.61 0.00	176.78 0.82 0.37	565.75 0.04 7.33	637.29 -13.32 72.98	566.55 -18.20 68.27	1108.61 -65.33 177.22	1146.72 -104.46 139.78	883.28 -56.78 -5.24	519.18 -23.06 -3.38	250.37 -8.25 -1.26	157.44 -6.64 -4.20	99.28 1.24 0.00
LOCKPORT___CC2 323770	63.27 -1.79 0.00	65.08 -2.43 0.00	61.13 -3.04 0.00	54.18 -2.33 0.00	52.95 -2.62 0.00	59.55 -2.28 0.00	54.89 -2.17 0.00	53.64 -2.55 0.00	51.36 -1.86 0.00	64.07 -1.01 0.00	61.49 0.25 0.00	66.22 0.52 0.00	85.16 1.61 0.00	176.78 0.82 0.37	565.75 0.04 7.33	637.29 -13.32 72.98	566.55 -18.20 68.27	1108.61 -65.33 177.22	1146.72 -104.46 139.78	883.28 -56.78 -5.24	519.18 -23.06 -3.38	250.37 -8.25 -1.26	157.44 -6.64 -4.20	99.28 1.24 0.00
LOCKPORT___CC3 323771	63.27 -1.79 0.00	65.08 -2.43 0.00	61.13 -3.04 0.00	54.18 -2.33 0.00	52.95 -2.62 0.00	59.55 -2.28 0.00	54.89 -2.17 0.00	53.64 -2.55 0.00	51.36 -1.86 0.00	64.07 -1.01 0.00	61.49 0.25 0.00	66.22 0.52 0.00	85.16 1.61 0.00	176.78 0.82 0.37	565.75 0.04 7.33	637.29 -13.32 72.98	566.55 -18.20 68.27	1108.61 -65.33 177.22	1146.72 -104.46 139.78	883.28 -56.78 -5.24	519.18 -23.06 -3.38	250.37 -8.25 -1.26	157.44 -6.64 -4.20	99.28 1.24 0.00
LOCUSVLY_69_KV_BK2 55797	84.12 4.89 -14.17	73.45 4.28 -1.66	68.25 4.08 0.00	60.39 3.88 0.00	59.68 4.12 0.00	66.08 4.25 0.00	60.89 3.84 0.00	61.64 4.73 -0.73	57.90 4.68 0.00	72.41 5.69 -1.64	71.84 6.53 -4.06	85.97 7.84 -12.42	121.72 10.59 -27.57	225.65 23.83 -25.48	727.52 80.91 -73.58	1446.36 108.22 -614.54	1305.83 93.30 -559.51	3926.07 199.07 -2375.84	4565.33 202.02 -2972.35	2050.05 131.69 -983.53	736.47 70.95 -126.67	306.06 31.22 -17.47	207.92 17.09 -30.95	107.97 9.92 0.00
LONG_LAKE_PHOENIX 24014	64.17 -0.88 0.00	66.34 -1.17 0.00	62.86 -1.31 0.00	55.36 -1.15 0.00	54.39 -1.17 0.00	60.55 -1.28 0.00	55.90 -1.15 0.00	55.10 -1.09 0.00	52.26 -0.95 0.00	64.21 -0.87 0.00	60.73 -0.51 0.00	65.38 -0.33 0.00	82.72 -0.14 0.70	175.74 -0.64 -0.04	534.50 -3.24 35.30	670.09 -7.12 46.39	620.30 -7.95 24.78	1279.86 -22.87 48.43	1315.68 -29.21 46.07	874.91 -18.27 41.65	520.92 -8.63 9.30	252.38 -3.82 1.16	157.68 -2.20 0.00	97.29 -0.76 0.00
LOVETT___3 23632	68.46 3.40 0.00	70.65 3.13 0.00	67.20 3.03 0.00	59.14 2.63 0.00	58.25 2.69 0.00	64.57 2.74 0.00	59.49 2.44 0.00	59.31 3.12 0.00	56.57 3.36 0.00	69.36 4.28 0.00	65.95 4.71 0.00	71.32 5.61 0.00	91.33 7.77 0.00	193.91 17.58 0.00	633.26 60.23 0.00	1099.91 81.24 -295.08	825.94 69.82 -103.09	1863.31 148.55 -363.60	2066.06 151.00 -524.11	1495.01 99.89 -460.28	613.38 53.52 -21.01	290.10 24.93 -7.80	201.18 13.52 -27.79	105.84 7.79 0.00
LOVETT___4 23642	68.46 3.40 0.00	70.65 3.13 0.00	67.20 3.03 0.00	59.14 2.63 0.00	58.25 2.69 0.00	64.57 2.74 0.00	59.49 2.44 0.00	59.31 3.12 0.00	56.57 3.36 0.00	69.36 4.28 0.00	65.95 4.71 0.00	71.32 5.61 0.00	91.33 7.77 0.00	193.91 17.58 0.00	633.26 60.23 0.00	1099.91 81.24 -295.08	825.94 69.82 -103.09	1863.31 148.55 -363.60	2066.06 151.00 -524.11	1495.01 99.89 -460.28	613.38 53.52 -21.01	290.10 24.93 -7.80	201.18 13.52 -27.79	105.84 7.79 0.00
LOVETT___5 23593	68.46 3.40 0.00	70.65 3.13 0.00	67.20 3.03 0.00	59.14 2.63 0.00	58.25 2.69 0.00	64.57 2.74 0.00	59.49 2.44 0.00	59.31 3.12 0.00	56.57 3.36 0.00	69.36 4.28 0.00	65.95 4.71 0.00	71.32 5.61 0.00	91.33 7.77 0.00	193.91 17.58 0.00	633.26 60.23 0.00	1099.91 81.24 -295.08	825.94 69.82 -103.09	1863.31 148.55 -363.60	2066.06 151.00 -524.11	1495.01 99.89 -460.28	613.38 53.52 -21.01	290.10 24.93 -7.80	201.18 13.52 -27.79	105.84 7.79 0.00
LOWER RAQUET___HYD 24057	63.97 -1.09 0.00	66.66 -0.86 0.00	63.29 -0.88 0.00	55.69 -0.83 0.00	54.63 -0.94 0.00	61.05 -0.79 0.00	56.50 -0.55 0.00	55.23 -0.95 0.00	51.96 -1.26 0.00	62.93 -2.15 0.00	58.43 -2.82 0.00	61.34 -4.36 0.00	-54.88 -7.14 131.29	42.64 -16.27 117.42	87.45 -52.68 432.90	120.09 -63.82 539.69	250.40 -52.06 350.55	569.57 -98.14 683.45	809.01 -97.91 484.04	401.31 -65.37 468.15	430.73 -34.25 73.87	234.17 -14.91 8.29	153.88 -6.01 0.00	93.00 -5.05 0.00
LOWER___HUDSON 24059	67.58 2.52 0.00	69.66 2.14 0.00	66.26 2.09 0.00	58.41 1.90 0.00	57.58 2.01 0.00	63.94 2.11 0.00	58.91 1.86 0.00	58.35 2.16 0.00	55.19 1.97 0.00	67.35 2.27 0.00	63.76 2.52 0.00	68.66 2.95 0.00	87.58 4.03 0.00	184.81 8.48 0.00	599.71 26.67 0.00	781.45 34.53 -23.32	692.92 31.75 -8.15	1463.97 79.45 -33.37	2347.81 89.40 -867.44	1744.83 57.19 -752.81	646.02 30.60 -76.57	300.58 14.77 -28.43	277.06 9.12 -108.07	103.05 5.00 0.00
LOWVILLE_115KV_TB2 356335	64.09 -0.97 0.00	66.31 -1.20 0.00	62.90 -1.27 0.00	55.32 -1.19 0.00	54.23 -1.33 0.00	60.60 -1.23 0.00	56.40 -0.65 0.00	55.87 -0.32 0.00	53.02 -0.19 0.00	64.61 -0.47 0.00	60.31 -0.93 0.00	64.71 -0.99 0.00	47.55 -2.05 33.95	368.12 -5.73 -197.51	1549.53 -13.67 -990.16	2028.01 -10.05 -1314.47	1359.94 -12.36 -719.28	2732.37 -24.86 -1406.08	2633.42 -37.77 -1280.22	1895.54 1.36 -959.35	808.09 4.64 -264.59	295.53 3.55 -34.61	163.54 3.66 0.00	99.81 1.76 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	68.70 3.64 0.00	70.88 3.36 0.00	67.38 3.21 0.00	59.36 2.85 0.00	58.57 3.01 0.00	65.13 3.30 0.00	60.07 3.01 0.00	59.42 3.23 0.00	56.14 2.92 0.00	68.59 3.51 0.00	64.89 3.65 0.00	69.93 4.22 0.00	89.23 5.67 0.00	188.45 12.11 0.00	611.59 38.56 0.00	774.12 50.53 0.00	699.16 46.14 0.00	1467.90 111.30 -5.44	2398.47 123.18 -884.33	1859.00 81.63 -842.54	672.05 45.16 -88.05	311.58 21.51 -32.69	289.70 12.74 -117.08	105.20 7.15 0.00



LUTHERNY_35_KV_BK2 355980	68.74 3.69 0.00	70.88 3.36 0.00	67.37 3.20 0.00	59.36 2.85 0.00	58.57 3.01 0.00	65.10 3.27 0.00	60.09 3.04 0.00	59.46 3.27 0.00	56.21 2.99 0.00	68.68 3.60 0.00	64.99 3.75 0.00	69.97 4.27 0.00	89.40 5.85 0.00	188.74 12.40 0.00	612.54 39.51 0.00	775.30 51.70 0.00	700.41 47.39 0.00	1470.51 113.92 -5.44	2400.77 125.47 -884.33	1860.87 83.50 -842.54	672.94 46.05 -88.05	312.05 21.98 -32.69	289.85 12.88 -117.08	105.21 7.16 0.00
LWR___OSWEGATCHIE_HYD 23850	63.84 -1.22 0.00	66.22 -1.29 0.00	62.85 -1.32 0.00	55.28 -1.24 0.00	54.21 -1.35 0.00	60.58 -1.25 0.00	56.24 -0.82 0.00	55.30 -0.89 0.00	52.24 -0.98 0.00	63.46 -1.62 0.00	59.06 -2.18 0.00	62.70 -3.01 0.00	-10.23 -5.08 88.70	25.49 -12.39 138.45	-57.05 -37.84 592.25	-93.29 -44.23 772.65	163.69 -39.05 450.28	399.05 -73.07 879.05	596.84 -74.81 719.31	269.11 -37.40 628.31	390.61 -16.81 131.42	234.71 -6.51 16.15	158.70 -1.18 0.00	96.38 -1.67 0.00
LYONS_FALL_HYD 23570	65.14 0.08 0.00	67.38 -0.14 0.00	63.92 -0.25 0.00	56.22 -0.29 0.00	55.18 -0.39 0.00	61.58 -0.26 0.00	57.15 0.10 0.00	56.53 0.34 0.00	53.62 0.40 0.00	65.49 0.41 0.00	61.41 0.17 0.00	65.98 0.27 0.00	60.36 -0.02 23.18	172.84 -0.69 2.80	566.94 0.52 6.62	786.38 5.77 -57.01	655.67 2.65 0.00	1357.12 5.97 0.00	1376.63 -2.38 11.95	910.09 17.06 41.79	549.68 12.67 1.84	264.31 6.94 0.00	164.69 4.81 0.00	100.62 2.58 0.00
MADISON___COUNTY_LFGE 323628	66.74 1.68 0.00	68.98 1.47 0.00	65.33 1.16 0.00	57.50 0.99 0.00	56.51 0.95 0.00	62.97 1.14 0.00	58.25 1.20 0.00	57.45 1.26 0.00	54.46 1.25 0.00	66.80 1.72 0.00	63.06 1.81 0.00	67.89 2.18 0.00	80.97 3.13 5.71	211.98 6.76 -28.88	722.60 21.86 -127.71	926.62 28.95 -174.07	780.86 24.50 -103.34	1603.87 50.99 -201.72	1589.45 48.64 -149.85	1070.35 40.65 -94.87	591.85 25.45 -27.55	273.64 12.63 -3.64	166.70 6.82 0.00	102.21 4.16 0.00
MALONE___115KV_TB1 356076	64.07 -0.99 0.00	66.90 -0.61 0.00	63.60 -0.57 0.00	55.92 -0.60 0.00	54.78 -0.79 0.00	61.15 -0.68 0.00	56.69 -0.36 0.00	55.76 -0.43 0.00	52.64 -0.58 0.00	63.78 -1.30 0.00	59.50 -1.74 0.00	63.28 -2.42 0.00	33.06 -4.16 46.34	78.18 -9.24 88.91	223.98 -29.41 319.65	272.10 -33.56 417.93	330.63 -23.96 298.44	722.12 -47.81 581.23	1035.13 -48.90 306.93	701.59 -38.13 195.11	487.04 -16.35 35.46	244.47 -8.72 4.18	155.97 -3.91 0.00	94.81 -3.23 0.00
MAPLEWOD_115KV_TB3 80458	67.35 2.29 0.00	69.43 1.92 0.00	66.03 1.87 0.00	58.26 1.75 0.00	57.35 1.79 0.00	63.61 1.78 0.00	58.71 1.65 0.00	58.12 1.93 0.00	55.03 1.82 0.00	67.25 2.18 0.00	63.64 2.40 0.00	68.60 2.90 0.00	87.54 3.99 0.00	184.90 8.57 0.00	600.80 33.02 0.00	775.35 79.23 -15.25	691.37 88.13 -5.33	1453.14 56.23 -22.76	2246.87 56.23 -767.78	1626.52 56.23 -635.45	633.55 29.57 -65.13	295.75 14.19 -24.19	263.24 8.38 -94.98	102.76 4.71 0.00
MAPLE_RIDGE_WT_1 323574	63.62 -1.44 0.00	66.33 -1.18 0.00	63.20 -0.97 0.00	55.58 -0.94 0.00	54.53 -1.04 0.00	60.80 -1.03 0.00	56.30 -0.76 0.00	55.54 -0.64 0.00	52.66 -0.56 0.00	64.28 -0.80 0.00	60.29 -0.95 0.00	64.59 -1.12 0.00	67.08 -1.91 14.56	-9.93 -4.37 181.89	-30.00 -12.09 590.94	-30.00 -14.18 739.42	-30.00 -15.22 667.80	20.11 -32.45 1298.60	954.34 -29.12 407.50	922.31 -18.15 -5.64	528.33 -10.77 -0.25	252.93 -4.43 0.00	157.15 -2.73 0.00	96.06 -1.99 0.00
MAPLE_RIDGE_WT_2 323611	63.62 -1.44 0.00	66.33 -1.18 0.00	63.20 -0.97 0.00	55.58 -0.94 0.00	54.53 -1.04 0.00	60.80 -1.03 0.00	56.30 -0.76 0.00	55.54 -0.64 0.00	52.66 -0.56 0.00	64.28 -0.80 0.00	60.29 -0.95 0.00	64.59 -1.12 0.00	67.08 -1.91 14.56	-9.93 -4.37 181.89	-30.00 -12.09 590.94	-30.00 -14.18 739.42	-30.00 -15.22 667.80	20.11 -32.45 1298.60	954.34 -29.12 407.50	922.31 -18.15 -5.64	528.33 -10.77 -0.25	252.93 -4.43 0.00	157.15 -2.73 0.00	96.06 -1.99 0.00
MARBLE_RIVER_WT_PWR 323696	63.03 -2.02 0.00	66.07 -1.45 0.00	62.96 -1.21 0.00	55.38 -1.14 0.00	54.22 -1.35 0.00	60.43 -1.40 0.00	55.98 -1.07 0.00	55.25 -0.94 0.00	52.13 -1.09 0.00	63.34 -1.74 0.00	59.19 -2.05 0.00	63.07 -2.63 0.00	73.20 -4.23 6.12	92.49 -8.79 75.05	278.76 -28.72 265.55	330.84 -33.16 359.60	353.70 -25.86 273.46	766.23 -52.68 532.24	1110.11 -58.47 222.39	824.91 -44.52 65.40	502.09 -19.65 17.10	244.56 -10.59 2.21	154.55 -5.33 0.00	94.10 -3.94 0.00
MARSHVLE_115KV_TB1 80742	68.74 3.68 0.00	71.35 3.84 0.00	67.93 3.76 0.00	59.66 3.15 0.00	58.61 3.04 0.00	65.48 3.65 0.00	60.10 3.05 0.00	58.50 2.31 0.00	55.06 1.85 0.00	67.28 2.20 0.00	63.40 2.16 0.00	67.90 2.19 0.00	86.10 2.54 0.00	181.74 5.41 0.00	591.45 18.42 0.00	746.97 23.37 0.00	669.78 16.76 0.00	1394.13 37.93 -5.04	2216.14 50.11 -775.06	1763.27 48.63 -779.81	656.08 35.75 -81.48	304.70 17.07 -30.26	275.09 10.52 -104.69	104.61 6.56 0.00
MARSH_HILL_WT_PWR 323713	63.92 -1.14 0.00	66.00 -1.52 0.00	61.46 -2.71 0.00	53.85 -2.66 0.00	52.66 -2.90 0.00	58.81 -3.03 0.00	54.56 -2.50 0.00	54.12 -2.07 0.00	51.99 -1.23 0.00	65.08 0.00 0.00	61.61 0.36 0.00	66.60 0.89 0.00	85.92 1.92 -0.45	180.23 1.46 -2.45	604.60 2.54 -29.02	1005.86 -1.04 -283.31	882.43 -8.31 -237.73	2022.37 -21.83 -693.05	1986.82 -39.03 -634.89	1075.24 -9.35 -149.76	548.38 4.72 -4.81	264.97 5.81 -1.79	166.26 0.41 -5.97	101.05 3.00 0.00
MCINTYRE_115KV_TB2 80467	66.09 1.03 0.00	68.83 1.31 0.00	65.33 1.16 0.00	57.46 0.94 0.00	56.40 0.83 0.00	63.02 1.19 0.00	58.22 1.17 0.00	56.43 0.24 0.00	52.70 -0.52 0.00	63.70 -1.38 0.00	59.00 -2.25 0.00	62.13 -3.58 0.00	-69.99 -6.05 147.50	47.27 -13.12 115.94	121.13 -43.02 408.88	171.41 -51.23 500.96	279.14 -39.91 333.98	649.20 -51.02 650.93	884.68 -56.88 449.40	442.34 -35.32 457.17	458.82 -15.04 64.99	243.75 -6.64 6.98	158.13 -1.75 0.00	95.55 -2.49 0.00
MECO_____69_KV_BK1 80468	70.15 5.09 0.00	72.56 5.05 0.00	68.99 4.82 0.00	60.62 4.10 0.00	59.64 4.08 0.00	66.56 4.73 0.00	61.16 4.11 0.00	59.53 3.34 0.00	55.61 2.39 0.00	67.56 2.48 0.00	63.61 2.37 0.00	68.21 2.51 0.00	86.72 3.17 0.00	183.46 7.13 0.00	599.84 26.80 0.00	756.90 33.31 0.00	682.57 29.54 0.00	1433.16 76.63 -5.37	2318.86 100.63 -827.27	1851.73 84.93 -831.98	681.38 55.61 -86.92	316.11 26.46 -32.28	287.00 15.41 -111.70	107.23 9.18 0.00
MENANDS___115KV_TB5 355628	66.78 1.72 0.00	68.83 1.32 0.00	65.52 1.35 0.00	57.82 1.30 0.00	56.95 1.39 0.00	63.12 1.29 0.00	58.25 1.20 0.00	57.67 1.48 0.00	54.60 1.38 0.00	66.69 1.61 0.00	63.13 1.89 0.00	68.03 2.33 0.00	86.77 3.21 0.00	183.23 6.90 0.00	595.23 22.20 0.00	768.26 29.50 -15.16	684.69 26.38 -5.30	1438.91 65.23 -22.52	2189.09 72.96 -725.16	1596.81 45.47 -616.51	625.44 23.42 -63.17	292.03 11.21 -23.46	257.03 6.68 -90.47	101.75 3.70 0.00
MG INDUSTRY___DRP 24185	65.29 0.23 0.00	67.52 0.00 0.00	64.34 0.17 0.00	56.76 0.24 0.00	55.89 0.33 0.00	62.00 0.17 0.00	57.11 0.06 0.00	56.19 0.00 0.00	53.01 -0.21 0.00	64.66 -0.42 0.00	40.58 -0.16 20.50	65.69 -0.01 0.00	83.66 0.10 0.00	176.61 0.28 0.00	573.95 0.92 0.00	725.73 2.13 0.00	654.91 1.89 0.00	1367.83 13.85 -2.83	1624.49 22.35 -211.18	1384.56 14.65 -435.08	591.78 7.21 -45.72	278.08 3.73 -16.98	202.59 2.38 -40.33	99.25 1.20 0.00



MID___OSWEGATCHIE_HYD 23849	63.84 -1.22 0.00	66.22 -1.29 0.00	62.85 -1.32 0.00	55.28 -1.24 0.00	54.21 -1.35 0.00	60.58 -1.25 0.00	56.24 -0.82 0.00	55.30 -0.89 0.00	52.24 -0.98 0.00	63.46 -1.62 0.00	59.06 -2.18 0.00	62.70 -3.01 0.00	-10.23 -5.08 88.70	25.49 -12.39 138.45	-57.05 -37.84 592.25	-93.29 -44.23 772.65	163.69 -39.05 450.28	399.05 -73.07 879.05	596.84 -74.81 719.31	269.11 -37.40 628.31	390.61 -16.81 131.42	234.71 -6.51 16.15	158.70 -1.18 0.00	96.38 -1.67 0.00
MID___RAQUETTE_HYD 23851	63.97 -1.09 0.00	66.66 -0.86 0.00	63.29 -0.88 0.00	55.69 -0.83 0.00	54.63 -0.94 0.00	61.05 -0.79 0.00	56.50 -0.55 0.00	55.23 -0.95 0.00	51.96 -1.26 0.00	62.93 -2.15 0.00	58.43 -2.82 0.00	61.34 -4.36 0.00	-54.88 -7.14 131.29	42.59 -16.32 117.42	87.33 -52.81 432.90	120.15 -63.75 539.69	250.46 -52.01 350.55	569.81 -97.89 683.45	809.02 -97.90 484.04	401.21 -65.47 468.15	430.78 -34.20 73.87	234.17 -14.91 8.29	153.87 -6.01 0.00	93.00 -5.05 0.00
MILLIKEN___1 23584	66.91 1.86 0.00	69.10 1.59 0.00	65.33 1.16 0.00	57.49 0.98 0.00	56.56 1.00 0.00	63.14 1.30 0.00	58.22 1.17 0.00	57.35 1.16 0.00	54.34 1.12 0.00	66.75 1.67 0.00	63.20 1.96 0.00	68.02 2.32 0.00	86.01 3.39 0.93	185.62 6.85 -2.44	596.64 22.06 -1.55	771.84 27.62 -20.63	692.70 22.33 -17.35	1446.06 44.07 -50.84	1516.07 40.14 -84.97	1018.43 33.68 -49.92	566.08 22.53 -4.70	270.87 11.70 -1.81	172.13 6.20 -6.04	102.47 4.42 0.00
MILLIKEN___2 23585	66.91 1.86 0.00	69.10 1.59 0.00	65.33 1.16 0.00	57.49 0.98 0.00	56.56 1.00 0.00	63.14 1.30 0.00	58.22 1.17 0.00	57.35 1.16 0.00	54.34 1.12 0.00	66.75 1.67 0.00	63.20 1.96 0.00	68.02 2.32 0.00	86.01 3.39 0.93	185.62 6.85 -2.44	596.64 22.06 -1.55	771.84 27.62 -20.63	692.70 22.33 -17.35	1446.06 44.07 -50.84	1516.07 40.14 -84.97	1018.43 33.68 -49.92	566.08 22.53 -4.70	270.87 11.70 -1.81	172.13 6.20 -6.04	102.47 4.42 0.00
MILLIKEN___DIESEL 23629	66.91 1.86 0.00	69.10 1.59 0.00	65.33 1.16 0.00	57.49 0.98 0.00	56.56 1.00 0.00	63.14 1.30 0.00	58.22 1.17 0.00	57.35 1.16 0.00	54.34 1.12 0.00	66.75 1.67 0.00	63.20 1.96 0.00	68.02 2.32 0.00	86.01 3.39 0.93	185.62 6.85 -2.44	596.64 22.06 -1.55	771.84 27.62 -20.63	692.70 22.33 -17.35	1446.06 44.07 -50.84	1516.07 40.14 -84.97	1018.43 33.68 -49.92	566.08 22.53 -4.70	270.87 11.70 -1.81	172.13 6.20 -6.04	102.47 4.42 0.00
MILLSEAT___LFGE 323607	65.66 0.61 0.00	67.45 -0.06 0.00	63.35 -0.82 0.00	56.09 -0.43 0.00	54.86 -0.71 0.00	61.69 -0.14 0.00	56.97 -0.09 0.00	55.76 -0.43 0.00	53.25 0.04 0.00	66.24 1.16 0.00	63.46 2.22 0.00	68.02 2.31 0.00	87.21 3.66 0.00	181.70 5.65 0.28	583.11 15.56 5.48	677.64 7.53 53.49	610.96 1.40 43.45	1198.02 -22.42 130.72	1257.09 -52.61 81.26	926.62 -18.57 -10.36	540.70 -1.37 -3.22	260.37 1.80 -1.20	164.51 0.63 -4.00	103.08 5.03 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	68.74 3.68 0.00	70.93 3.41 0.00	67.49 3.32 0.00	59.39 2.88 0.00	58.53 2.97 0.00	64.88 3.05 0.00	59.80 2.75 0.00	59.62 3.43 0.00	56.86 3.65 0.00	69.70 4.63 0.00	66.25 5.00 0.00	71.64 5.93 0.00	91.71 8.16 0.00	194.70 18.37 0.00	635.66 62.63 0.00	1123.09 84.48 -315.01	835.77 72.69 -110.05	1894.47 155.21 -388.10	2100.42 158.26 -551.20	1521.71 104.39 -482.49	616.33 55.99 -21.49	291.37 26.02 -7.98	202.51 14.14 -28.48	106.21 8.16 0.00
MILLWOOD_13_KV_LOAD 356217	68.88 3.82 0.00	71.10 3.59 0.00	67.63 3.47 0.00	59.51 3.00 0.00	58.64 3.08 0.00	65.00 3.17 0.00	59.92 2.87 0.00	59.75 3.56 0.00	57.00 3.78 0.00	69.87 4.79 0.00	66.41 5.17 0.00	71.84 6.14 0.00	92.03 8.47 0.00	195.28 18.95 0.00	637.89 64.86 0.00	1125.90 87.30 -315.01	838.26 75.19 -110.05	1899.82 160.56 -388.10	2105.68 163.52 -551.20	1525.22 107.90 -482.49	618.21 57.88 -21.49	292.24 26.89 -7.98	202.99 14.62 -28.48	106.48 8.44 0.00
MODEL_CITY_ENERGY 24167	63.01 -2.05 0.00	64.82 -2.69 0.00	60.88 -3.29 0.00	54.00 -2.51 0.00	52.77 -2.79 0.00	59.38 -2.45 0.00	54.67 -2.38 0.00	53.38 -2.81 0.00	51.12 -2.10 0.00	63.77 -1.31 0.00	61.24 0.00 0.00	65.99 0.29 0.00	84.87 1.32 0.00	176.20 0.21 0.34	565.38 -0.89 6.77	642.64 -14.86 66.10	579.20 -19.39 54.42	1118.87 -70.81 161.48	1171.76 -112.39 106.82	879.76 -62.63 -7.56	515.87 -26.39 -3.41	248.71 -9.93 -1.27	156.44 -7.67 -4.24	98.83 0.79 0.00
MODERN_LFGE___ 323580	63.01 -2.05 0.00	64.82 -2.69 0.00	60.88 -3.29 0.00	54.00 -2.51 0.00	52.77 -2.79 0.00	59.38 -2.45 0.00	54.67 -2.38 0.00	53.38 -2.81 0.00	51.12 -2.10 0.00	63.77 -1.31 0.00	61.24 0.00 0.00	65.99 0.29 0.00	84.87 1.32 0.00	176.20 0.21 0.34	565.38 -0.89 6.77	642.64 -14.86 66.10	579.20 -19.39 54.42	1118.87 -70.81 161.48	1171.76 -112.39 106.82	879.76 -62.63 -7.56	515.87 -26.39 -3.41	248.71 -9.93 -1.27	156.44 -7.67 -4.24	98.83 0.79 0.00
MOHAWK_PAPER___DRP 24187	67.35 2.29 0.00	69.43 1.92 0.00	66.03 1.87 0.00	58.26 1.75 0.00	57.35 1.79 0.00	63.61 1.78 0.00	58.71 1.65 0.00	58.12 1.93 0.00	55.03 1.82 0.00	67.25 2.18 0.00	63.64 2.40 0.00	68.60 2.90 0.00	87.54 3.99 0.00	184.90 8.57 0.00	600.80 27.76 0.00	775.35 36.50 -15.25	691.37 33.02 -5.33	1453.14 79.23 -22.76	2246.87 88.13 -767.78	1626.52 56.23 -635.45	633.55 29.57 -65.13	295.75 14.19 -24.19	263.24 8.38 -94.98	102.76 4.71 0.00
MOHICAN___35_KV_115KV_LD 80490	69.05 3.99 0.00	71.18 3.67 0.00	67.62 3.45 0.00	59.61 3.09 0.00	59.23 3.67 0.00	65.91 4.08 0.00	60.70 3.65 0.00	60.10 3.91 0.00	56.69 3.47 0.00	69.25 4.17 0.00	65.51 4.26 0.00	70.67 4.96 0.00	90.16 6.61 0.00	190.39 14.06 0.00	616.89 43.86 0.00	781.73 58.14 0.00	706.40 53.38 0.00	1489.57 132.94 -5.48	2424.51 147.30 -886.24	1880.31 97.59 -847.89	681.48 54.03 -88.60	315.97 25.70 -32.90	292.54 15.16 -117.51	106.41 8.36 0.00
MONGAUP___HYD 23641	69.44 4.38 0.00	71.60 4.09 0.00	67.94 3.77 0.00	59.75 3.24 0.00	58.78 3.21 0.00	65.21 3.38 0.00	60.17 3.12 0.00	59.72 3.53 0.00	56.56 3.34 0.00	69.09 4.01 0.00	65.47 4.23 0.00	70.60 4.90 0.00	89.71 6.16 0.00	190.30 13.97 0.00	621.74 48.71 0.00	1040.89 67.07 -250.22	801.08 60.64 -87.42	1796.02 136.41 -308.45	2001.29 149.02 -461.30	1446.88 103.61 -408.45	615.46 56.87 -19.74	290.64 25.94 -7.33	200.00 14.16 -25.96	107.09 9.04 0.00
MONTAUK___DIESEL 23721	68.79 4.37 0.64	71.06 4.89 1.34	69.67 5.50 0.00	62.57 6.05 0.00	61.96 6.40 0.00	68.33 6.50 0.00	63.02 5.97 0.00	63.28 6.91 -0.19	59.65 6.43 0.00	70.59 6.99 1.48	70.22 7.97 -1.01	94.10 10.81 -17.58	158.57 13.08 -61.93	290.61 29.22 -85.06	678.30 97.12 -8.14	1201.52 111.09 -366.83	1011.46 88.06 -270.38	3541.12 178.23 -2011.74	4174.97 177.66 -2606.35	1740.03 112.76 -692.44	627.79 51.42 -37.52	282.82 20.85 -4.60	208.26 11.93 -36.44	114.09 10.55 -5.50
MOONROAD_115KV_HARTFLD_TB1-2 355988	64.05 -1.01 0.00	65.80 -1.72 0.00	61.23 -2.95 0.00	54.30 -2.21 0.00	53.18 -2.38 0.00	59.54 -2.29 0.00	55.60 -1.45 0.00	54.97 -1.22 0.00	53.19 -0.03 0.00	66.91 1.83 0.00	63.84 2.59 0.00	68.98 3.28 0.00	89.05 5.49 0.00	185.01 8.94 0.27	593.85 26.10 5.29	696.47 24.65 51.78	619.95 10.40 43.47	1230.60 5.74 126.30	1292.51 -24.37 74.09	955.60 2.49 -18.28	549.62 6.78 -4.00	265.82 6.97 -1.48	167.55 2.72 -4.96	103.62 5.57 0.00



MORRIS_RIDGE___SOLAR 323848	63.73 -1.33 0.00	65.89 -1.62 0.00	61.64 -2.53 0.00	54.22 -2.30 0.00	53.02 -2.55 0.00	59.34 -2.49 0.00	54.88 -2.17 0.00	53.83 -2.36 0.00	51.35 -1.87 0.00	64.05 -1.03 0.00	61.06 -0.18 0.00	65.82 0.11 0.00	84.86 0.96 -0.35	174.22 -0.52 1.60	521.27 -4.81 46.96	253.12 -10.34 460.13	249.40 -16.80 386.83	181.19 -45.74 1124.23	404.48 -65.74 920.74	782.86 -27.20 124.77	538.33 -5.18 -4.66	260.42 1.33 -1.73	163.85 -1.81 -5.78	100.29 2.24 0.00
MORTIMER_115KV_TB3 55949	65.92 0.86 0.00	67.81 0.30 0.00	63.89 -0.28 0.00	56.49 -0.03 0.00	55.33 -0.23 0.00	61.99 0.16 0.00	57.25 0.19 0.00	56.28 0.09 0.00	53.73 0.51 0.00	66.71 1.63 0.00	63.72 2.47 0.00	68.77 3.06 0.00	88.27 4.72 0.00	184.85 8.52 0.00	597.75 24.72 0.00	745.57 21.94 -0.04	667.12 13.84 -0.26	1363.67 12.45 -0.06	1383.90 -7.51 -0.45	939.27 4.44 0.00	547.26 8.41 0.00	262.52 5.15 0.00	161.69 1.81 0.00	102.05 4.00 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	69.06 4.00 0.00	71.33 3.82 0.00	67.94 3.77 0.00	59.77 3.26 0.00	58.93 3.37 0.00	65.32 3.49 0.00	60.19 3.14 0.00	60.08 3.89 0.00	57.42 4.20 0.00	70.38 5.30 0.00	66.78 5.54 0.00	72.22 6.52 0.00	92.48 8.93 0.00	196.47 20.14 0.00	642.48 69.45 0.00	1134.62 93.01 -318.01	843.49 79.36 -111.10	1910.86 167.91 -391.79	2117.90 171.14 -555.80	1534.26 113.08 -486.36	621.29 60.83 -21.62	293.73 28.33 -8.03	203.62 15.08 -28.66	106.75 8.70 0.00
MUNSVILLE_WIND_PWR 323609	69.48 4.42 0.00	71.89 4.37 0.00	68.10 3.93 0.00	59.95 3.44 0.00	58.80 3.24 0.00	65.83 4.00 0.00	61.16 4.11 0.00	60.26 4.07 0.00	57.03 3.81 0.00	70.20 5.12 0.00	66.48 5.23 0.00	71.47 5.77 0.00	91.77 7.42 -0.80	193.82 15.66 -1.83	622.39 47.83 -1.52	807.49 69.14 -14.76	731.48 66.06 -12.40	1526.99 139.11 -36.72	1643.40 135.87 -116.57	1139.19 106.72 -97.64	612.87 64.29 -9.73	290.06 29.07 -3.61	187.45 15.49 -12.08	108.17 10.12 0.00
N SALMON___HYD 24042	64.08 -0.98 0.00	66.90 -0.61 0.00	63.60 -0.57 0.00	55.92 -0.59 0.00	54.78 -0.79 0.00	61.15 -0.69 0.00	56.69 -0.36 0.00	55.76 -0.43 0.00	52.64 -0.58 0.00	63.78 -1.30 0.00	59.50 -1.74 0.00	63.29 -2.42 0.00	33.06 -4.15 46.34	78.18 -9.24 88.91	224.11 -29.28 319.65	272.11 -33.55 417.93	330.58 -24.01 298.44	721.95 -47.98 581.23	1035.31 -48.72 306.93	701.60 -38.11 195.11	487.03 -16.35 35.46	244.47 -8.72 4.18	155.97 -3.91 0.00	94.81 -3.23 0.00
N.AKRON___115KV_KNAPP 355671	65.03 -0.03 0.00	66.79 -0.73 0.00	62.67 -1.50 0.00	55.58 -0.93 0.00	54.35 -1.22 0.00	61.10 -0.73 0.00	56.40 -0.65 0.00	55.18 -1.00 0.00	52.79 -0.43 0.00	65.74 0.66 0.00	63.06 1.82 0.00	67.73 2.02 0.00	86.93 3.38 0.30	180.96 4.93 5.92	581.28 14.17 57.82	669.03 3.25 46.97	603.04 -3.01 141.31	1176.86 -32.99 89.61	1237.73 -63.62 89.61	916.96 -27.12 -9.25	535.39 -6.73 -3.27	258.06 -0.52 -1.22	162.51 -1.44 -4.06	102.12 4.07 0.00
N.E_GEN_SANDY PD 24062	68.23 2.64 -0.53	69.73 2.21 0.00	66.36 2.19 0.00	58.49 1.98 0.00	57.65 2.09 0.00	63.95 2.12 0.00	58.89 1.83 0.00	58.55 2.36 0.00	55.53 2.32 0.00	60.98 2.81 6.91	66.28 3.14 -1.91	69.43 3.73 0.00	88.64 5.09 0.00	188.15 10.93 -0.88	444.86 35.15 163.32	702.67 45.71 66.63	763.09 41.27 -68.80	1692.27 97.16 -243.95	1859.32 105.70 -362.66	1507.40 66.60 -505.97	608.89 35.16 -34.88	403.27 16.74 -129.17	277.17 10.15 -107.14	107.89 5.65 -4.19
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	68.77 3.72 0.00	70.93 3.41 0.00	67.45 3.28 0.00	59.34 2.83 0.00	58.44 2.87 0.00	64.78 2.95 0.00	59.68 2.63 0.00	59.51 3.32 0.00	56.79 3.57 0.00	69.64 4.56 0.00	66.28 5.04 0.00	71.71 6.00 0.00	91.87 8.32 0.00	195.07 18.74 0.00	637.32 64.28 0.00	1101.51 86.42 -291.49	829.50 74.64 -101.84	1868.60 158.25 -359.19	2070.58 160.39 -519.23	1497.19 106.08 -456.29	616.71 56.93 -20.93	291.64 26.49 -7.77	201.91 14.37 -27.66	106.37 8.32 0.00
N.QUEENS_27_KV_LOAD 356247	69.25 4.20 0.00	71.46 3.95 0.00	68.19 4.02 0.00	60.01 3.49 0.00	59.22 3.66 0.00	65.72 3.89 0.00	60.65 3.59 0.00	60.27 4.08 0.00	57.65 4.43 0.00	70.83 5.75 0.00	67.10 5.86 0.00	72.66 6.92 -0.03	93.29 9.45 -0.28	199.44 21.35 -1.76	651.09 73.60 -4.45	1151.95 98.22 -330.14	861.15 84.19 -123.94	1954.29 176.14 -427.00	2175.66 182.23 -602.47	1578.66 121.25 -522.58	631.17 65.59 -26.73	297.24 30.86 -9.01	204.82 16.28 -28.66	107.49 9.44 0.00
N.TROY___115KV_TB1 355778	67.58 2.52 0.00	69.66 2.14 0.00	66.27 2.10 0.00	58.41 1.90 0.00	57.58 2.02 0.00	63.94 2.11 0.00	58.91 1.86 0.00	58.35 2.16 0.00	55.19 1.97 0.00	67.36 2.28 0.00	63.76 2.52 0.00	68.65 2.95 0.00	87.58 4.03 0.00	184.82 8.49 0.00	599.73 26.69 0.00	781.38 34.46 -23.32	692.97 31.81 -8.15	1463.80 79.27 -33.37	2347.81 89.41 -867.44	1744.74 57.10 -752.81	646.04 30.62 -76.57	300.57 14.77 -28.43	277.07 9.12 -108.07	103.05 5.01 0.00
NARROWS_GT1_1 24228	69.04 3.98 0.00	71.33 3.81 0.00	68.06 3.89 0.00	59.88 3.37 0.00	59.02 3.45 0.00	65.39 3.56 0.00	60.31 3.25 0.00	60.21 4.02 0.00	57.62 4.41 0.00	70.69 5.61 0.00	67.26 5.88 -0.14	76.98 6.81 -4.46	93.77 9.24 -0.98	197.27 20.79 -0.15	644.35 69.86 -1.45	1136.03 92.87 -319.56	842.98 78.86 -111.10	1903.89 161.38 -391.35	2111.32 164.59 -555.77	1532.12 110.96 -486.33	620.47 60.00 -21.62	293.91 28.51 -8.03	203.28 14.74 -28.66	112.78 8.81 -5.92
NARROWS_GT1_2 24229	69.04 3.98 0.00	71.33 3.81 0.00	68.06 3.89 0.00	59.88 3.37 0.00	59.02 3.45 0.00	65.39 3.56 0.00	60.31 3.25 0.00	60.21 4.02 0.00	57.62 4.41 0.00	70.69 5.61 0.00	67.26 5.88 -0.14	76.98 6.81 -4.46	93.77 9.24 -0.98	197.27 20.79 -0.15	644.35 69.86 -1.45	1136.03 92.87 -319.56	842.98 78.86 -111.10	1903.89 161.38 -391.35	2111.32 164.59 -555.77	1532.12 110.96 -486.33	620.47 60.00 -21.62	293.91 28.51 -8.03	203.28 14.74 -28.66	112.78 8.81 -5.92
NARROWS_GT1_3 24230	69.04 3.98 0.00	71.33 3.81 0.00	68.06 3.89 0.00	59.88 3.37 0.00	59.02 3.45 0.00	65.39 3.56 0.00	60.31 3.25 0.00	60.21 4.02 0.00	57.62 4.41 0.00	70.69 5.61 0.00	67.26 5.88 -0.14	76.98 6.81 -4.46	93.77 9.24 -0.98	197.27 20.79 -0.15	644.35 69.86 -1.45	1136.03 92.87 -319.56	842.98 78.86 -111.10	1903.89 161.38 -391.35	2111.32 164.59 -555.77	1532.12 110.96 -486.33	620.47 60.00 -21.62	293.91 28.51 -8.03	203.28 14.74 -28.66	112.78 8.81 -5.92
NARROWS_GT1_4 24231	69.04 3.98 0.00	71.33 3.81 0.00	68.06 3.89 0.00	59.88 3.37 0.00	59.02 3.45 0.00	65.39 3.56 0.00	60.31 3.25 0.00	60.21 4.02 0.00	57.62 4.41 0.00	70.69 5.61 0.00	67.26 5.88 -0.14	76.98 6.81 -4.46	93.77 9.24 -0.98	197.27 20.79 -0.15	644.35 69.86 -1.45	1136.03 92.87 -319.56	842.98 78.86 -111.10	1903.89 161.38 -391.35	2111.32 164.59 -555.77	1532.12 110.96 -486.33	620.47 60.00 -21.62	293.91 28.51 -8.03	203.28 14.74 -28.66	112.78 8.81 -5.92
NARROWS_GT1_5 24232	69.04 3.98 0.00	71.33 3.81 0.00	68.06 3.89 0.00	59.88 3.37 0.00	59.02 3.45 0.00	65.39 3.56 0.00	60.31 3.25 0.00	60.21 4.02 0.00	57.62 4.41 0.00	70.69 5.61 0.00	67.26 5.88 -0.14	76.98 6.81 -4.46	93.77 9.24 -0.98	197.27 20.79 -0.15	644.35 69.86 -1.45	1136.03 92.87 -319.56	842.98 78.86 -111.10	1903.89 161.38 -391.35	2111.32 164.59 -555.77	1532.12 110.96 -486.33	620.47 60.00 -21.62	293.91 28.51 -8.03	203.28 14.74 -28.66	112.78 8.81 -5.92



NARROWS_GT1_6 24233	69.04 3.98 0.00	71.33 3.81 0.00	68.06 3.89 0.00	59.88 3.37 0.00	59.02 3.45 0.00	65.39 3.56 0.00	60.31 3.25 0.00	60.21 4.02 0.00	57.62 4.41 0.00	70.69 5.61 0.00	67.26 5.88 -0.14	76.98 6.81 -4.46	93.77 9.24 -0.98	197.27 20.79 -0.15	644.35 69.86 -1.45	1136.03 92.87 -319.56	842.98 78.86 -111.10	1903.89 161.38 -391.35	2111.32 164.59 -555.77	1532.12 110.96 -486.33	620.47 60.00 -21.62	293.91 28.51 -8.03	203.28 14.74 -28.66	112.78 8.81 -5.92
NARROWS_GT1_7 24234	69.04 3.98 0.00	71.33 3.81 0.00	68.06 3.89 0.00	59.88 3.37 0.00	59.02 3.45 0.00	65.39 3.56 0.00	60.31 3.25 0.00	60.21 4.02 0.00	57.62 4.41 0.00	70.69 5.61 0.00	67.26 5.88 -0.14	76.98 6.81 -4.46	93.77 9.24 -0.98	197.27 20.79 -0.15	644.35 69.86 -1.45	1136.03 92.87 -319.56	842.98 78.86 -111.10	1903.89 161.38 -391.35	2111.32 164.59 -555.77	1532.12 110.96 -486.33	620.47 60.00 -21.62	293.91 28.51 -8.03	203.28 14.74 -28.66	112.78 8.81 -5.92
NARROWS_GT1_8 24235	69.04 3.98 0.00	71.33 3.81 0.00	68.06 3.89 0.00	59.88 3.37 0.00	59.02 3.45 0.00	65.39 3.56 0.00	60.31 3.25 0.00	60.21 4.02 0.00	57.62 4.41 0.00	70.69 5.61 0.00	67.26 5.88 -0.14	76.98 6.81 -4.46	93.77 9.24 -0.98	197.27 20.79 -0.15	644.35 69.86 -1.45	1136.03 92.87 -319.56	842.98 78.86 -111.10	1903.89 161.38 -391.35	2111.32 164.59 -555.77	1532.12 110.96 -486.33	620.47 60.00 -21.62	293.91 28.51 -8.03	203.28 14.74 -28.66	112.78 8.81 -5.92
NARROWS_GT2_1 24236	69.04 3.98 0.00	71.33 3.81 0.00	68.06 3.89 0.00	59.88 3.37 0.00	59.02 3.45 0.00	65.39 3.56 0.00	60.31 3.25 0.00	60.21 4.02 0.00	57.62 4.41 0.00	70.69 5.61 0.00	68.05 5.88 -0.94	102.68 6.81 -30.16	99.41 9.24 -6.62	198.12 20.79 -0.99	652.72 69.86 -9.82	1145.51 92.87 -329.05	842.98 78.86 -111.10	1906.10 161.38 -393.57	2111.32 164.59 -555.77	1532.12 110.96 -486.33	620.47 60.00 -21.62	293.91 28.51 -8.03	203.28 14.74 -28.66	112.78 8.81 -5.92
NARROWS_GT2_2 24237	69.04 3.98 0.00	71.33 3.81 0.00	68.06 3.89 0.00	59.88 3.37 0.00	59.02 3.45 0.00	65.39 3.56 0.00	60.31 3.25 0.00	60.21 4.02 0.00	57.62 4.41 0.00	70.69 5.61 0.00	68.05 5.88 -0.94	102.68 6.81 -30.16	99.41 9.24 -6.62	198.12 20.79 -0.99	652.72 69.86 -9.82	1145.51 92.87 -329.05	842.98 78.86 -111.10	1906.10 161.38 -393.57	2111.32 164.59 -555.77	1532.12 110.96 -486.33	620.47 60.00 -21.62	293.91 28.51 -8.03	203.28 14.74 -28.66	112.78 8.81 -5.92
NARROWS_GT2_3 24238	69.04 3.98 0.00	71.33 3.81 0.00	68.06 3.89 0.00	59.88 3.37 0.00	59.02 3.45 0.00	65.39 3.56 0.00	60.31 3.25 0.00	60.21 4.02 0.00	57.62 4.41 0.00	70.69 5.61 0.00	68.05 5.88 -0.94	102.68 6.81 -30.16	99.41 9.24 -6.62	198.12 20.79 -0.99	652.72 69.86 -9.82	1145.51 92.87 -329.05	842.98 78.86 -111.10	1906.10 161.38 -393.57	2111.32 164.59 -555.77	1532.12 110.96 -486.33	620.47 60.00 -21.62	293.91 28.51 -8.03	203.28 14.74 -28.66	112.78 8.81 -5.92
NARROWS_GT2_4 24239	69.04 3.98 0.00	71.33 3.81 0.00	68.06 3.89 0.00	59.88 3.37 0.00	59.02 3.45 0.00	65.39 3.56 0.00	60.31 3.25 0.00	60.21 4.02 0.00	57.62 4.41 0.00	70.69 5.61 0.00	68.05 5.88 -0.94	102.68 6.81 -30.16	99.41 9.24 -6.62	198.12 20.79 -0.99	652.72 69.86 -9.82	1145.51 92.87 -329.05	842.98 78.86 -111.10	1906.10 161.38 -393.57	2111.32 164.59 -555.77	1532.12 110.96 -486.33	620.47 60.00 -21.62	293.91 28.51 -8.03	203.28 14.74 -28.66	112.78 8.81 -5.92
NARROWS_GT2_5 24240	69.04 3.98 0.00	71.33 3.81 0.00	68.06 3.89 0.00	59.88 3.37 0.00	59.02 3.45 0.00	65.39 3.56 0.00	60.31 3.25 0.00	60.21 4.02 0.00	57.62 4.41 0.00	70.69 5.61 0.00	68.05 5.88 -0.94	102.68 6.81 -30.16	99.41 9.24 -6.62	198.12 20.79 -0.99	652.72 69.86 -9.82	1145.51 92.87 -329.05	842.98 78.86 -111.10	1906.10 161.38 -393.57	2111.32 164.59 -555.77	1532.12 110.96 -486.33	620.47 60.00 -21.62	293.91 28.51 -8.03	203.28 14.74 -28.66	112.78 8.81 -5.92
NARROWS_GT2_6 24241	69.04 3.98 0.00	71.33 3.81 0.00	68.06 3.89 0.00	59.88 3.37 0.00	59.02 3.45 0.00	65.39 3.56 0.00	60.31 3.25 0.00	60.21 4.02 0.00	57.62 4.41 0.00	70.69 5.61 0.00	68.05 5.88 -0.94	102.68 6.81 -30.16	99.41 9.24 -6.62	198.12 20.79 -0.99	652.72 69.86 -9.82	1145.51 92.87 -329.05	842.98 78.86 -111.10	1906.10 161.38 -393.57	2111.32 164.59 -555.77	1532.12 110.96 -486.33	620.47 60.00 -21.62	293.91 28.51 -8.03	203.28 14.74 -28.66	112.78 8.81 -5.92
NARROWS_GT2_7 24242	69.04 3.98 0.00	71.33 3.81 0.00	68.06 3.89 0.00	59.88 3.37 0.00	59.02 3.45 0.00	65.39 3.56 0.00	60.31 3.25 0.00	60.21 4.02 0.00	57.62 4.41 0.00	70.69 5.61 0.00	68.05 5.88 -0.94	102.68 6.81 -30.16	99.41 9.24 -6.62	198.12 20.79 -0.99	652.72 69.86 -9.82	1145.51 92.87 -329.05	842.98 78.86 -111.10	1906.10 161.38 -393.57	2111.32 164.59 -555.77	1532.12 110.96 -486.33	620.47 60.00 -21.62	293.91 28.51 -8.03	203.28 14.74 -28.66	112.78 8.81 -5.92
NARROWS_GT2_8 24243	69.04 3.98 0.00	71.33 3.81 0.00	68.06 3.89 0.00	59.88 3.37 0.00	59.02 3.45 0.00	65.39 3.56 0.00	60.31 3.25 0.00	60.21 4.02 0.00	57.62 4.41 0.00	70.69 5.61 0.00	68.05 5.88 -0.94	102.68 6.81 -30.16	99.41 9.24 -6.62	198.12 20.79 -0.99	652.72 69.86 -9.82	1145.51 92.87 -329.05	842.98 78.86 -111.10	1906.10 161.38 -393.57	2111.32 164.59 -555.77	1532.12 110.96 -486.33	620.47 60.00 -21.62	293.91 28.51 -8.03	203.28 14.74 -28.66	112.78 8.81 -5.92
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	67.62 2.57 0.00	69.65 2.14 0.00	66.20 2.03 0.00	58.39 1.87 0.00	57.45 1.89 0.00	63.74 1.91 0.00	58.89 1.83 0.00	58.10 1.91 0.00	54.72 1.51 0.00	66.61 1.53 0.00	36.84 1.69 26.09	67.71 2.00 0.00	86.32 2.76 0.00	182.92 6.59 0.00	595.66 22.63 0.00	799.22 30.64 -44.98	696.24 27.51 -15.72	1480.93 71.84 -57.93	1706.20 86.82 -228.42	1448.78 57.65 -456.29	614.73 32.12 -43.76	289.22 15.61 -16.25	205.51 8.91 -36.72	103.11 5.07 0.00
NCHELSEA_115KV_TR2 355582	69.22 4.17 0.00	71.39 3.87 0.00	67.85 3.68 0.00	59.67 3.16 0.00	58.76 3.20 0.00	65.15 3.32 0.00	60.10 3.05 0.00	59.90 3.71 0.00	57.08 3.86 0.00	70.09 5.01 0.00	66.67 5.43 0.00	72.10 6.40 0.00	92.26 8.70 0.00	195.79 19.46 0.00	639.36 66.33 0.00	1094.79 89.10 -282.09	829.69 78.11 -98.56	1866.84 167.97 -347.71	2076.79 171.03 -514.80	1504.51 112.49 -457.19	621.10 60.35 -21.91	293.54 28.04 -8.13	203.86 15.35 -28.63	107.05 9.00 0.00
NEG CAPITAL___MECHNVIL 23645	68.90 3.84 0.00	71.03 3.52 0.00	67.51 3.34 0.00	59.46 2.95 0.00	58.67 3.11 0.00	65.20 3.37 0.00	60.14 3.09 0.00	59.53 3.34 0.00	56.30 3.08 0.00	68.79 3.71 0.00	65.16 3.91 0.00	70.22 4.51 0.00	89.64 6.09 0.00	189.33 13.00 0.00	614.49 41.45 0.00	793.22 54.15 -15.48	708.18 49.75 -5.41	1493.95 118.53 -24.26	2411.30 129.71 -890.63	1847.64 86.00 -826.81	671.25 47.41 -84.99	311.45 22.52 -31.56	287.90 13.28 -114.74	105.48 7.43 0.00
NEG CENTRAL_HIGH_ACRES 23767	64.92 -0.14 0.00	66.85 -0.66 0.00	63.07 -1.10 0.00	55.66 -0.85 0.00	54.57 -0.99 0.00	61.10 -0.73 0.00	56.44 -0.61 0.00	55.55 -0.64 0.00	53.01 -0.20 0.00	65.69 0.61 0.00	62.67 1.42 0.00	67.64 1.94 0.00	86.73 3.17 0.00	182.02 5.69 0.00	588.40 15.36 0.00	736.49 12.88 -0.02	660.06 6.93 -0.11	1352.12 0.94 -0.03	1373.83 -17.17 -0.03	931.14 -3.69 0.00	541.25 2.40 0.00	259.32 1.95 0.00	159.76 -0.12 0.00	100.19 2.14 0.00



NEG CENTRAL___DRP 24199	65.92 0.87 0.00	68.04 0.53 0.00	64.14 -0.03 0.00	56.48 -0.03 0.00	55.50 -0.07 0.00	62.04 0.21 0.00	57.28 0.22 0.00	56.49 0.30 0.00	53.70 0.48 0.00	66.31 1.23 0.00	63.01 1.77 0.00	67.86 2.15 0.00	85.52 3.06 1.09	184.78 6.00 -2.45	593.87 18.72 -2.11	770.56 20.32 -26.65	689.13 13.71 -22.40	1439.20 22.63 -65.41	1481.57 11.15 -79.46	981.82 14.20 -32.79	553.46 11.91 -2.71	265.49 7.04 -1.07	166.41 2.95 -3.59	100.96 2.91 0.00
NEG CENTRAL___INDECK 23768	65.93 0.87 0.00	67.70 0.19 0.00	63.51 -0.66 0.00	56.00 -0.51 0.00	54.79 -0.78 0.00	61.37 -0.46 0.00	56.96 -0.09 0.00	55.76 -0.43 0.00	52.86 -0.36 0.00	65.49 0.41 0.00	62.52 1.28 0.00	67.54 1.83 0.00	84.73 1.17 0.00	175.34 -2.49 -1.49	593.92 -8.84 -29.72	990.20 -23.91 -290.51	869.72 -27.14 -243.85	1989.65 -71.98 -710.48	1942.82 -89.51 -641.36	1043.99 -34.64 -143.80	540.47 -2.34 -3.96	257.09 -1.75 -1.47	163.57 -1.23 -4.92	103.96 5.91 0.00
NEG CENTRAL___SENECA 23627	66.09 1.03 0.00	68.20 0.68 0.00	64.17 0.00 0.00	56.50 -0.01 0.00	55.47 -0.09 0.00	62.00 0.17 0.00	57.37 0.32 0.00	56.56 0.37 0.00	53.83 0.61 0.00	66.62 1.55 0.00	63.37 2.12 0.00	68.22 2.52 0.00	87.79 3.55 -0.68	184.92 6.87 -1.72	599.02 21.58 -4.41	789.80 23.56 -42.64	704.53 15.67 -35.84	1482.04 26.31 -104.57	1521.58 13.36 -117.25	998.87 17.87 -46.17	556.52 14.42 -3.25	267.27 8.69 -1.21	167.09 3.17 -4.03	101.48 3.43 0.00
NEG CENTRAL___STATE_STREET 24147	66.16 1.10 0.00	68.16 0.65 0.00	64.44 0.27 0.00	56.76 0.25 0.00	55.97 0.40 0.00	62.58 0.75 0.00	57.46 0.41 0.00	56.69 0.50 0.00	53.82 0.61 0.00	66.22 1.14 0.00	62.79 1.54 0.00	67.41 1.70 0.00	85.17 2.49 0.88	184.41 4.94 -3.14	588.60 16.27 0.70	740.86 17.27 0.00	665.58 12.56 0.00	1372.86 21.53 -0.18	1427.30 13.37 -22.97	971.62 14.69 -22.10	553.33 11.83 -2.65	264.88 6.46 -1.06	167.21 3.81 -3.52	101.11 3.06 0.00
NEG MILLWOOD___DRP 24198	69.65 4.59 0.00	71.81 4.29 0.00	68.24 4.07 0.00	60.00 3.49 0.00	59.09 3.53 0.00	65.53 3.69 0.00	60.45 3.40 0.00	60.31 4.12 0.00	57.50 4.28 0.00	70.64 5.56 0.00	67.24 5.99 0.00	72.79 7.09 0.00	93.24 9.68 0.00	198.03 21.70 0.00	646.79 73.75 0.00	1128.57 99.03 -305.95	846.06 86.15 -106.89	1913.03 184.87 -377.00	2122.84 187.72 -544.16	1537.03 123.01 -479.19	627.02 66.18 -21.99	296.06 30.53 -8.17	205.53 16.67 -28.97	107.70 9.65 0.00
NEG NORTH_FLCN_SEA 23793	63.78 -1.28 0.00	66.92 -0.59 0.00	63.74 -0.43 0.00	56.09 -0.43 0.00	54.92 -0.64 0.00	61.20 -0.63 0.00	56.65 -0.40 0.00	56.04 -0.15 0.00	52.78 -0.43 0.00	64.12 -0.96 0.00	60.03 -1.21 0.00	64.00 -1.70 0.00	74.41 -3.04 6.11	94.32 -6.70 75.30	283.42 -22.52 267.09	338.30 -23.60 361.69	361.92 -16.75 274.36	785.27 -31.88 534.00	1126.94 -39.33 224.68	834.03 -33.32 67.48	508.23 -12.97 17.64	247.51 -7.57 2.28	156.14 -3.74 0.00	94.61 -3.44 0.00
NEG NORTH_KES_CHATEGAY 23792	63.21 -1.85 0.00	66.21 -1.31 0.00	63.05 -1.13 0.00	55.47 -1.05 0.00	54.29 -1.27 0.00	60.54 -1.30 0.00	56.08 -0.98 0.00	55.24 -0.95 0.00	52.02 -1.19 0.00	63.15 -1.93 0.00	58.95 -2.29 0.00	62.81 -2.89 0.00	61.46 -4.58 17.51	87.69 -9.58 79.05	260.87 -30.82 281.35	310.59 -36.24 376.77	345.93 -26.28 280.81	749.82 -54.67 546.66	1085.24 -58.67 247.05	788.38 -43.66 102.79	496.82 -19.56 22.47	243.93 -10.64 2.79	154.53 -5.35 0.00	94.12 -3.93 0.00
NEG NORTH___ALICE_FALLS 23915	64.20 -0.86 0.00	67.25 -0.27 0.00	64.01 -0.16 0.00	56.31 -0.20 0.00	55.12 -0.44 0.00	61.46 -0.37 0.00	56.92 -0.14 0.00	56.20 0.01 0.00	52.89 -0.32 0.00	64.17 -0.90 0.00	60.09 -1.16 0.00	64.08 -1.62 0.00	71.98 -2.95 8.63	93.84 -6.48 76.02	282.05 -21.43 269.55	337.24 -22.28 364.08	364.07 -13.57 275.38	790.32 -24.83 536.01	1132.72 -29.65 228.59	833.62 -26.87 74.33	510.74 -9.65 18.47	249.07 -5.93 2.37	157.20 -2.68 0.00	95.42 -2.63 0.00
NEG NORTH___LWR_SARANAC 23913	64.20 -0.86 0.00	67.25 -0.27 0.00	64.01 -0.16 0.00	56.31 -0.20 0.00	55.12 -0.44 0.00	61.46 -0.37 0.00	56.92 -0.14 0.00	56.20 0.01 0.00	52.89 -0.32 0.00	64.17 -0.90 0.00	60.09 -1.16 0.00	64.08 -1.62 0.00	71.98 -2.95 8.63	93.84 -6.48 76.02	282.05 -21.43 269.55	337.24 -22.28 364.08	364.07 -13.57 275.38	790.32 -24.83 536.01	1132.72 -29.65 228.59	833.62 -26.87 74.33	510.74 -9.65 18.47	249.07 -5.93 2.37	157.20 -2.68 0.00	95.42 -2.63 0.00
NEG NORTH___PLATTSBURG 23628	64.20 -0.86 0.00	67.25 -0.27 0.00	64.01 -0.16 0.00	56.31 -0.20 0.00	55.12 -0.44 0.00	61.47 -0.37 0.00	56.92 -0.14 0.00	56.20 0.01 0.00	52.89 -0.32 0.00	64.17 -0.90 0.00	60.09 -1.15 0.00	64.08 -1.63 0.00	71.98 -2.95 8.63	93.84 -6.48 76.02	282.05 -21.43 269.55	337.25 -22.27 364.08	364.06 -13.58 275.38	790.49 -24.66 536.01	1132.74 -29.64 228.59	833.63 -26.86 74.33	510.72 -9.66 18.47	249.08 -5.93 2.37	157.21 -2.68 0.00	95.42 -2.63 0.00
NEG WEST_LEA_LOCKPORT 23791	63.28 -1.78 0.00	65.06 -2.46 0.00	61.05 -3.12 0.00	54.19 -2.33 0.00	52.95 -2.62 0.00	59.53 -2.30 0.00	54.89 -2.17 0.00	53.65 -2.54 0.00	51.36 -1.86 0.00	64.08 -1.00 0.00	61.53 0.29 0.00	66.23 0.53 0.00	85.14 1.59 0.00	176.81 0.85 0.37	566.29 0.59 7.33	636.07 -14.55 72.98	565.09 -19.67 68.27	1105.85 -68.09 177.22	1146.99 -104.19 139.78	883.55 -56.52 -5.24	518.90 -23.33 -3.38	250.35 -8.27 -1.26	157.37 -6.71 -4.20	99.28 1.24 0.00
NEG WEST___LANCASTR 23811	63.83 -1.23 0.00	65.70 -1.81 0.00	61.60 -2.57 0.00	54.56 -1.96 0.00	53.36 -2.21 0.00	59.83 -2.00 0.00	55.33 -1.72 0.00	54.34 -1.85 0.00	52.00 -1.22 0.00	64.97 -0.10 0.00	62.19 0.94 0.00	67.18 1.48 0.00	86.70 3.14 0.00	180.77 4.77 0.33	579.33 12.91 6.61	665.37 6.48 64.71	595.69 -3.00 54.33	1172.08 -21.15 157.93	1232.90 -57.00 101.06	920.25 -28.20 -13.63	531.63 -11.22 -4.01	257.33 -1.53 -1.49	161.37 -3.48 -4.97	99.90 1.86 0.00
NEG_PENN_ALLEGHNY 23528	65.85 0.79 0.00	68.23 0.72 0.00	64.46 0.29 0.00	56.72 0.21 0.00	55.73 0.16 0.00	62.05 0.22 0.00	57.31 0.26 0.00	56.54 0.35 0.00	53.70 0.48 0.00	66.33 1.25 0.00	62.98 1.74 0.00	68.00 2.29 0.00	88.00 3.68 -0.77	185.73 7.71 -1.68	598.14 25.10 0.00	756.03 32.43 0.00	676.89 23.87 0.00	1398.42 46.77 -0.49	1496.25 35.57 -69.72	1036.29 26.19 -75.27	562.66 15.85 -7.97	269.77 9.44 -2.96	173.61 3.84 -9.89	101.20 3.15 0.00
NEG___GEN_MONROE 24207	66.45 1.39 0.00	68.30 0.78 0.00	64.28 0.11 0.00	56.85 0.34 0.00	55.67 0.10 0.00	62.41 0.58 0.00	57.64 0.59 0.00	56.62 0.43 0.00	54.03 0.82 0.00	67.07 1.99 0.00	64.08 2.84 0.00	69.05 3.35 0.00	88.63 5.07 0.00	185.62 9.29 0.00	600.12 27.09 0.00	747.59 23.95 -0.05	669.37 16.01 -0.33	1367.22 15.82 -0.24	1411.81 -2.86 -23.71	970.36 10.27 -25.27	554.09 12.53 -2.71	296.83 7.48 -31.98	253.32 3.34 -90.10	103.26 5.22 0.00
NEPA___ENERGY 23901	64.36 -0.70 0.00	66.56 -0.96 0.00	62.08 -2.09 0.00	54.89 -1.62 0.00	53.80 -1.77 0.00	60.10 -1.73 0.00	55.63 -1.42 0.00	54.75 -1.44 0.00	52.40 -0.82 0.00	65.70 0.62 0.00	62.89 1.65 0.00	68.11 2.40 0.00	88.22 4.67 0.00	184.72 8.71 0.31	593.74 26.94 6.23	691.80 29.17 60.97	615.04 13.21 51.19	1214.88 12.50 148.78	1271.72 -26.16 93.08	942.01 -8.01 -15.19	543.28 0.40 -4.03	264.91 6.04 -1.50	164.82 -0.06 -5.00	101.54 3.50 0.00



NEVERSINK___HYD 23608	67.61 2.55 0.00	69.79 2.27 0.00	66.31 2.14 0.00	58.31 1.80 0.00	57.38 1.82 0.00	63.66 1.83 0.00	58.74 1.68 0.00	58.44 2.25 0.00	55.59 2.37 0.00	68.14 3.06 0.00	62.41 3.15 1.98	67.89 2.19 0.00	86.81 3.26 0.00	184.42 8.09 0.00	602.00 28.97 0.00	960.66 42.27 -194.80	762.62 41.55 -68.06	1716.12 124.51 -240.46	1912.72 129.03 -392.73	1390.03 86.49 -368.72	605.64 46.06 -20.73	286.35 21.28 -7.70	196.84 11.24 -25.72	104.41 6.36 0.00
NEWKRMKL_115KV_TB1 55635	66.51 1.45 0.00	68.57 1.05 0.00	65.25 1.08 0.00	57.63 1.11 0.00	56.71 1.15 0.00	62.84 1.01 0.00	58.06 1.01 0.00	57.40 1.21 0.00	54.35 1.13 0.00	66.43 1.36 0.00	62.85 1.61 0.00	67.73 2.03 0.00	86.37 2.81 0.00	182.33 6.00 0.00	592.83 19.79 0.00	750.62 27.02 0.00	676.74 23.72 0.00	1414.63 59.67 -3.80	1944.03 66.05 -487.01	1562.69 41.16 -586.70	621.27 20.95 -61.48	290.31 10.11 -22.83	236.75 5.84 -71.03	101.34 3.29 0.00
NEWTON___FALLS_HYD 23847	63.84 -1.22 0.00	66.22 -1.29 0.00	62.85 -1.32 0.00	55.28 -1.24 0.00	54.21 -1.35 0.00	60.58 -1.25 0.00	56.24 -0.82 0.00	55.30 -0.89 0.00	52.24 -0.98 0.00	63.46 -1.62 0.00	59.06 -2.18 0.00	62.70 -3.01 0.00	-10.23 -5.08 88.70	25.49 -12.39 138.45	-57.05 -37.84 592.25	-93.29 -44.23 772.65	163.69 -39.05 450.28	399.05 -73.07 879.05	596.84 -74.81 719.31	269.11 -37.40 628.31	390.61 -16.81 131.42	234.71 -6.51 16.15	158.70 -1.18 0.00	96.38 -1.67 0.00
NGRID_A1_DSASP 323792	62.59 -2.46 0.00	64.61 -2.90 0.00	60.79 -3.39 0.00	53.94 -2.57 0.00	52.68 -2.88 0.00	59.26 -2.57 0.00	54.59 -2.46 0.00	53.31 -2.88 0.00	51.04 -2.17 0.00	63.70 -1.37 0.00	61.14 -0.10 0.00	65.93 0.22 0.00	84.79 1.23 0.00	175.17 -0.82 0.34	557.49 -8.80 6.75	633.44 -24.07 66.09	571.69 -25.85 55.49	1103.86 -85.97 161.32	1154.43 -127.52 109.01	868.89 -73.77 -7.83	509.73 -32.55 -3.44	245.91 -12.73 -1.28	154.63 -9.52 -4.27	97.91 -0.14 0.00
NGRID_A2_DSASP 323793	62.59 -2.46 0.00	64.61 -2.90 0.00	60.79 -3.39 0.00	53.94 -2.57 0.00	52.68 -2.88 0.00	59.26 -2.57 0.00	54.59 -2.46 0.00	53.31 -2.88 0.00	51.04 -2.17 0.00	63.70 -1.37 0.00	61.14 -0.10 0.00	65.93 0.22 0.00	84.79 1.23 0.00	175.17 -0.82 0.34	557.49 -8.80 6.75	633.44 -24.07 66.09	571.69 -25.85 55.49	1103.86 -85.97 161.32	1154.43 -127.52 109.01	868.89 -73.77 -7.83	509.73 -32.55 -3.44	245.91 -12.73 -1.28	154.63 -9.52 -4.27	97.91 -0.14 0.00
NGRID_A4_DSASP 323807	62.59 -2.46 0.00	64.61 -2.90 0.00	60.79 -3.39 0.00	53.94 -2.57 0.00	52.68 -2.88 0.00	59.26 -2.57 0.00	54.59 -2.46 0.00	53.31 -2.88 0.00	51.04 -2.17 0.00	63.70 -1.37 0.00	61.14 -0.10 0.00	65.93 0.22 0.00	84.79 1.23 0.00	175.17 -0.82 0.34	557.49 -8.80 6.75	633.44 -24.07 66.09	571.69 -25.85 55.49	1103.86 -85.97 161.32	1154.43 -127.52 109.01	868.89 -73.77 -7.83	509.73 -32.55 -3.44	245.91 -12.73 -1.28	154.63 -9.52 -4.27	97.91 -0.14 0.00
NIAGARA_115E_LBMP 323715	62.71 -2.34 0.00	64.53 -2.99 0.00	60.62 -3.55 0.00	53.77 -2.74 0.00	52.55 -3.01 0.00	59.16 -2.67 0.00	54.44 -2.62 0.00	53.12 -3.07 0.00	50.88 -2.34 0.00	63.45 -1.63 0.00	60.97 -0.27 0.00	65.70 -0.01 0.00	84.49 0.94 0.00	175.38 -0.61 0.34	563.01 -3.18 6.84	638.60 -18.08 66.92	575.35 -22.23 55.45	1109.74 -77.98 163.44	1161.13 -120.84 108.99	873.38 -69.01 -7.55	512.41 -29.89 -3.45	247.11 -11.54 -1.28	155.51 -8.65 -4.28	98.34 0.29 0.00
NIAGARA_115W_LBMP 323714	62.47 -2.59 0.00	64.51 -3.01 0.00	60.69 -3.48 0.00	53.85 -2.66 0.00	52.60 -2.97 0.00	59.16 -2.67 0.00	54.50 -2.55 0.00	53.21 -2.99 0.00	50.95 -2.27 0.00	63.57 -1.51 0.00	61.02 -0.23 0.00	65.80 0.09 0.00	84.60 1.05 0.00	174.76 -1.23 0.34	556.07 -10.25 6.71	632.01 -25.83 65.75	570.75 -27.06 55.21	1100.97 -89.69 160.50	1151.68 -130.95 108.34	866.36 -76.36 -7.90	508.40 -33.88 -3.43	245.30 -13.35 -1.27	154.25 -9.89 -4.26	97.72 -0.32 0.00
NIAGARA_230_LBMP 323716	63.19 -1.87 0.00	65.09 -2.43 0.00	61.23 -2.94 0.00	54.31 -2.20 0.00	53.06 -2.50 0.00	59.66 -2.17 0.00	54.96 -2.09 0.00	53.70 -2.49 0.00	51.40 -1.81 0.00	64.11 -0.97 0.00	61.46 0.22 0.00	66.35 0.64 0.00	85.42 1.86 0.00	177.42 1.41 0.32	566.67 0.05 6.42	648.32 -12.34 62.94	581.34 -18.57 53.11	1133.15 -64.43 153.58	1182.51 -104.79 103.67	885.04 -58.25 -8.47	518.21 -24.02 -3.38	249.93 -8.69 -1.26	156.99 -7.09 -4.20	98.83 0.79 0.00
NIAGARA___115KV_198_GIBSON 55903	62.49 -2.57 0.00	64.49 -3.02 0.00	60.62 -3.56 0.00	53.85 -2.67 0.00	52.60 -2.97 0.00	59.14 -2.70 0.00	54.49 -2.56 0.00	53.20 -2.99 0.00	50.95 -2.27 0.00	63.57 -1.51 0.00	61.04 -0.20 0.00	65.80 0.10 0.00	84.58 1.03 0.00	174.80 -1.19 0.34	556.36 -9.96 6.71	630.89 -26.95 65.75	569.10 -28.72 55.21	1098.09 -92.56 160.50	1152.23 -130.39 108.34	866.50 -76.22 -7.90	508.08 -34.20 -3.43	245.31 -13.33 -1.27	154.23 -9.91 -4.26	97.72 -0.32 0.00
NIAGARA____ 23760	63.19 -1.87 0.00	65.09 -2.43 0.00	61.23 -2.94 0.00	54.31 -2.20 0.00	53.06 -2.50 0.00	59.66 -2.17 0.00	54.96 -2.09 0.00	53.70 -2.49 0.00	51.40 -1.81 0.00	64.11 -0.97 0.00	61.46 0.22 0.00	66.35 0.64 0.00	85.42 1.86 0.00	177.41 1.41 0.33	566.52 0.05 6.57	646.86 -12.34 64.40	580.47 -18.57 53.98	1129.25 -64.43 157.48	1180.12 -104.79 106.05	884.69 -58.25 -8.11	518.24 -24.02 -3.41	249.95 -8.69 -1.27	157.03 -7.09 -4.23	98.83 0.79 0.00
NINE_MILE_1 23575	63.45 -1.61 0.00	65.65 -1.87 0.00	62.25 -1.92 0.00	54.82 -1.69 0.00	53.89 -1.67 0.00	59.99 -1.84 0.00	55.35 -1.70 0.00	54.54 -1.65 0.00	51.76 -1.45 0.00	63.52 -1.55 0.00	60.00 -1.24 0.00	64.53 -1.18 0.00	71.29 -1.32 10.94	149.34 -2.99 23.99	562.47 -10.57 0.00	707.37 -16.23 0.00	636.92 -16.10 0.00	1312.72 -38.44 0.00	1345.58 -45.38 0.00	905.33 -29.50 0.00	523.70 -15.15 0.00	250.23 -7.14 0.00	155.72 -4.16 0.00	96.04 -2.01 0.00
NINE_MILE_2 23744	63.45 -1.61 0.00	65.65 -1.86 0.00	62.25 -1.92 0.00	54.83 -1.68 0.00	53.89 -1.67 0.00	60.00 -1.83 0.00	55.35 -1.70 0.00	54.54 -1.65 0.00	51.76 -1.45 0.00	63.52 -1.55 0.00	60.00 -1.24 0.00	64.53 -1.18 0.00	71.12 -1.32 11.11	148.95 -3.02 24.36	562.42 -10.61 0.00	707.37 -16.23 0.00	636.92 -16.10 0.00	1312.72 -38.44 0.00	1345.41 -45.55 0.00	905.33 -29.50 0.00	523.65 -15.20 0.00	250.21 -7.15 0.00	155.71 -4.17 0.00	96.02 -2.02 0.00
NM_CAPITAL___DRP 24208	66.58 1.53 0.00	68.64 1.13 0.00	65.34 1.16 0.00	57.69 1.17 0.00	56.79 1.23 0.00	62.95 1.12 0.00	58.11 1.06 0.00	57.51 1.32 0.00	54.44 1.22 0.00	66.50 1.42 0.00	62.93 1.69 0.00	67.80 2.10 0.00	86.47 2.92 0.00	182.55 6.22 0.00	593.18 20.14 0.00	765.43 27.03 -14.80	682.20 24.01 -5.17	1433.57 60.49 -21.93	2120.87 67.70 -662.20	1568.76 41.94 -592.00	620.90 21.39 -60.66	290.25 10.35 -22.52	250.07 6.17 -84.02	101.45 3.40 0.00
NM_CENTRAL___DRP 24181	65.10 0.04 0.00	67.28 -0.24 0.00	63.73 -0.44 0.00	56.13 -0.38 0.00	55.16 -0.40 0.00	61.47 -0.36 0.00	56.73 -0.32 0.00	55.94 -0.24 0.00	53.15 -0.07 0.00	65.37 0.29 0.00	61.93 0.68 0.00	66.71 1.00 0.00	82.60 1.64 2.59	181.32 3.26 -1.72	581.58 9.56 1.02	733.25 9.66 0.00	659.62 6.59 0.00	1359.61 8.46 0.00	1389.94 0.82 1.85	930.61 2.23 6.45	541.59 3.03 0.28	259.10 1.73 0.00	160.68 0.80 0.00	99.16 1.12 0.00



NM_FRONTIER___DRP 24179	62.49 -2.57 0.00	64.49 -3.02 0.00	60.62 -3.56 0.00	53.85 -2.67 0.00	52.60 -2.97 0.00	59.14 -2.70 0.00	54.49 -2.56 0.00	53.20 -2.99 0.00	50.95 -2.27 0.00	63.57 -1.51 0.00	61.04 -0.20 0.00	65.80 0.10 0.00	84.58 1.03 0.00	174.80 -1.19 0.34	556.36 -9.96 6.71	630.89 -26.95 65.75	569.10 -28.72 55.21	1098.09 -92.56 160.50	1152.23 -130.39 108.34	866.50 -76.22 -7.90	508.08 -34.20 -3.43	245.31 -13.33 -1.27	154.23 -9.91 -4.26	97.72 -0.32 0.00
NM_ST_REGIS___HYD 24053	64.00 -1.06 0.00	66.75 -0.77 0.00	63.41 -0.76 0.00	55.76 -0.75 0.00	54.69 -0.88 0.00	61.08 -0.75 0.00	56.56 -0.49 0.00	55.36 -0.83 0.00	52.13 -1.08 0.00	63.10 -1.98 0.00	58.69 -2.55 0.00	61.82 -3.89 0.00	-36.93 -6.45 114.04	49.67 -14.60 112.07	116.01 -47.44 409.59	152.04 -56.93 514.63	268.21 -44.98 339.83	603.45 -85.30 662.41	857.53 -85.84 447.59	463.56 -59.33 411.95	443.22 -29.66 65.96	236.54 -13.39 7.45	154.39 -5.50 0.00	93.44 -4.61 0.00
NORTHPORT___1 23551	66.55 2.99 1.50	68.25 2.25 1.52	66.48 2.31 0.00	59.27 2.76 0.00	58.90 3.34 0.00	65.12 3.29 0.00	59.97 2.92 0.00	59.91 3.56 -0.15	56.47 3.25 0.00	65.62 3.56 3.02	66.68 4.61 -0.82	71.06 5.85 0.49	90.39 7.71 0.87	107.34 17.52 86.52	610.98 59.40 21.46	1092.42 79.76 -289.06	883.23 66.30 -163.91	3480.56 146.72 -1982.69	4130.78 153.05 -2586.77	1599.14 97.48 -566.83	593.22 49.18 -5.19	273.31 19.87 3.94	201.45 11.63 -29.94	104.02 6.98 1.01
NORTHPORT___2 23552	66.55 2.99 1.50	68.25 2.25 1.52	66.48 2.31 0.00	59.27 2.76 0.00	58.90 3.34 0.00	65.12 3.29 0.00	59.97 2.92 0.00	59.91 3.56 -0.15	56.47 3.25 0.00	65.62 3.56 3.02	66.68 4.61 -0.82	71.06 5.85 0.49	90.39 7.71 0.87	107.34 17.52 86.52	610.98 59.40 21.46	1092.42 79.76 -289.06	883.23 66.30 -163.91	3480.56 146.72 -1982.69	4130.78 153.05 -2586.77	1599.14 97.48 -566.83	593.22 49.18 -5.19	273.31 19.87 3.94	201.45 11.63 -29.94	104.02 6.98 1.01
NORTHPORT___3 23553	66.41 3.01 1.66	68.29 2.32 1.55	66.44 2.27 0.00	59.36 2.85 0.00	59.04 3.47 0.00	65.23 3.40 0.00	60.03 2.98 0.00	60.01 3.67 -0.15	56.50 3.28 0.00	65.41 3.36 3.04	66.49 4.45 -0.80	70.75 5.63 0.58	90.28 7.49 0.77	106.29 17.13 87.17	610.25 59.86 22.65	1089.99 81.05 -285.35	882.24 68.64 -160.59	3478.71 150.09 -1977.47	4124.57 153.93 -2579.67	1593.96 99.42 -559.71	593.87 51.41 -3.60	274.42 21.24 4.19	201.38 11.56 -29.93	103.97 6.93 1.01
NORTHPORT___4 23650	66.41 3.01 1.66	68.29 2.32 1.55	66.44 2.27 0.00	59.36 2.85 0.00	59.04 3.47 0.00	65.23 3.40 0.00	60.03 2.98 0.00	60.01 3.67 -0.15	56.50 3.28 0.00	65.41 3.36 3.04	66.49 4.45 -0.80	70.75 5.63 0.58	90.28 7.49 0.77	106.29 17.13 87.17	610.25 59.86 22.65	1089.99 81.05 -285.35	882.24 68.64 -160.59	3478.71 150.09 -1977.47	4124.57 153.93 -2579.67	1593.96 99.42 -559.71	593.87 51.41 -3.60	274.42 21.24 4.19	201.38 11.56 -29.93	103.97 6.93 1.01
NORTHPORT___IC 23718	66.68 3.13 1.50	68.34 2.34 1.52	66.58 2.42 0.00	59.28 2.76 0.00	58.90 3.33 0.00	65.14 3.31 0.00	59.97 2.92 0.00	59.96 3.62 -0.15	56.47 3.25 0.00	65.61 3.55 3.01	66.69 4.62 -0.82	71.06 5.84 0.49	90.47 7.79 0.87	107.53 17.72 86.52	610.65 59.07 21.46	1092.50 79.84 -289.06	883.09 66.16 -163.91	3481.01 147.16 -1982.69	4130.94 153.20 -2586.77	1599.31 97.65 -566.83	593.37 49.33 -5.19	273.29 19.86 3.94	201.48 11.67 -29.94	104.02 6.98 1.01
NORTH___COUNTRY_ESR 323785	62.99 -2.07 0.00	65.97 -1.54 0.00	62.86 -1.31 0.00	55.27 -1.24 0.00	54.14 -1.43 0.00	60.35 -1.48 0.00	55.92 -1.13 0.00	55.14 -1.05 0.00	52.00 -1.22 0.00	63.14 -1.94 0.00	58.94 -2.30 0.00	62.79 -2.92 0.00	61.19 -4.62 17.75	87.60 -9.59 79.14	260.32 -31.05 281.66	310.16 -36.33 377.11	343.51 -28.56 280.96	745.20 -59.01 546.95	1080.44 -62.99 247.54	784.61 -46.67 103.54	494.97 -21.30 22.57	242.85 -11.71 2.80	153.94 -5.94 0.00	93.76 -4.28 0.00
NPX_GEN_1385_PROXY 323591	66.76 3.20 1.50	68.15 2.16 1.52	66.12 1.95 0.00	58.99 2.47 0.00	58.61 3.05 0.00	64.82 2.99 0.00	59.95 2.91 0.00	58.76 3.28 0.71	56.15 2.93 0.00	65.38 3.31 3.02	67.05 4.98 -0.82	70.76 5.55 0.49	89.83 7.15 0.87	106.95 17.14 86.52	616.01 64.43 21.46	1097.33 84.67 -289.06	965.84 69.23 -243.59	3490.33 156.49 -1982.69	3920.19 172.37 -2356.86	1593.78 92.13 -566.83	586.07 42.03 -5.19	387.67 18.02 -112.28	194.79 13.55 -21.36	104.66 7.62 1.01
NPX_GEN_CSC 323557	68.77 4.38 0.66	69.85 3.68 1.34	67.74 3.57 0.00	60.43 3.91 0.00	59.90 4.33 0.00	66.21 4.38 0.00	61.02 3.96 0.00	60.40 4.88 0.67	57.88 4.66 0.00	67.94 4.35 1.49	67.84 5.59 -1.01	89.25 7.16 -16.38	138.58 9.42 -45.60	219.91 20.74 -22.84	648.96 67.86 -8.06	1177.70 87.58 -366.52	1070.79 68.04 -349.73	3507.77 145.29 -2011.33	3917.86 150.88 -2376.02	1726.39 99.47 -692.09	622.92 46.67 -37.41	396.31 18.14 -120.80	198.90 11.21 -27.81	112.05 8.56 -5.44
NSINS_S_GLNS_FALLS 23858	68.93 3.87 0.00	71.06 3.55 0.00	67.53 3.36 0.00	59.49 2.98 0.00	59.10 3.53 0.00	65.76 3.93 0.00	60.60 3.55 0.00	60.02 3.83 0.00	56.64 3.42 0.00	69.19 4.11 0.00	65.43 4.19 0.00	70.59 4.88 0.00	90.03 6.47 0.00	190.14 13.81 0.00	616.00 42.96 0.00	780.55 56.96 0.00	705.29 52.27 0.00	1487.40 130.74 -5.50	2423.38 144.77 -887.65	1882.58 95.93 -851.82	681.29 53.43 -89.01	315.85 25.42 -33.05	292.61 14.91 -117.82	106.27 8.22 0.00
NUCOR_STEEL___DRP 24197	66.09 1.03 0.00	68.08 0.56 0.00	64.39 0.22 0.00	56.71 0.20 0.00	55.95 0.39 0.00	62.56 0.73 0.00	57.40 0.35 0.00	56.63 0.44 0.00	53.78 0.56 0.00	66.13 1.06 0.00	62.71 1.47 0.00	67.30 1.60 0.00	85.07 2.34 0.83	184.28 4.59 -3.36	586.65 14.33 0.71	738.62 15.03 0.00	663.85 10.83 0.00	1368.84 17.51 -0.17	1422.25 9.53 -21.76	966.64 11.10 -20.71	550.80 9.45 -2.50	263.60 5.23 -1.00	166.58 3.35 -3.35	100.85 2.81 0.00
NUMBER_THREE_WT_PWR 323818	63.89 -1.16 0.00	66.12 -1.40 0.00	62.71 -1.47 0.00	55.15 -1.36 0.00	54.06 -1.50 0.00	60.42 -1.42 0.00	56.24 -0.81 0.00	55.73 -0.46 0.00	52.91 -0.30 0.00	64.47 -0.60 0.00	60.17 -1.07 0.00	64.56 -1.15 0.00	42.90 -2.30 38.35	-22.27 -6.31 192.30	-365.12 -15.38 922.78	-320.35 -11.89 1032.05	-30.97 -14.27 669.72	12.23 -30.13 1308.80	167.52 -40.41 1183.03	-30.97 -1.44 964.36	303.88 2.99 237.96	229.71 2.78 30.43	163.19 3.31 0.00	99.57 1.52 0.00
NYISO_LBMP_REFERENCE 24008	65.06 0.00 0.00	67.52 0.00 0.00	64.17 0.00 0.00	56.51 0.00 0.00	55.56 0.00 0.00	61.83 0.00 0.00	57.05 0.00 0.00	56.19 0.00 0.00	53.22 0.00 0.00	65.08 0.00 0.00	61.24 0.00 0.00	65.71 0.00 0.00	83.55 0.00 0.00	176.33 0.00 0.00	573.04 0.00 0.00	723.60 0.00 0.00	653.02 0.00 0.00	1351.16 0.00 0.00	1390.96 0.00 0.00	934.83 0.00 0.00	538.85 0.00 0.00	257.37 0.00 0.00	159.88 0.00 0.00	98.05 0.00 0.00
NYPA_BRENTWD____GT 24164	69.99 4.55 -0.39	70.12 3.74 1.13	67.75 3.58 0.00	60.34 3.83 0.00	59.83 4.27 0.00	66.19 4.36 0.00	61.04 3.99 0.00	61.22 4.81 -0.23	57.82 4.60 -0.01	69.15 5.24 1.17	68.62 6.14 -1.24	79.45 7.56 -6.18	122.23 9.56 -29.12	201.41 21.16 -3.92	657.58 72.19 -12.35	1202.85 96.56 -382.69	1021.74 81.22 -287.50	3562.95 179.00 -2032.79	4204.31 185.47 -2627.88	1765.37 119.78 -710.76	643.28 61.15 -43.28	287.86 25.14 -5.35	206.13 14.34 -31.92	107.80 8.78 -0.97



NYPA_GOWANUS____GT5 24156	69.02 3.96 0.00	71.31 3.79 0.00	68.04 3.87 0.00	59.87 3.36 0.00	59.01 3.45 0.00	65.38 3.55 0.00	60.30 3.24 0.00	60.21 4.02 0.00	57.62 4.40 0.00	70.69 5.61 0.00	67.26 5.88 -0.14	76.98 6.81 -4.46	93.74 9.21 -0.98	197.23 20.75 -0.15	644.18 69.70 -1.45	1135.79 92.63 -319.56	842.84 78.72 -111.10	1903.43 160.92 -391.35	2110.98 164.25 -555.77	1532.04 110.88 -486.33	620.24 59.77 -21.62	293.83 28.43 -8.03	203.23 14.69 -28.66	112.75 8.78 -5.92
NYPA_GOWANUS____GT6 24157	69.02 3.96 0.00	71.31 3.79 0.00	68.04 3.87 0.00	59.87 3.36 0.00	59.01 3.45 0.00	65.38 3.55 0.00	60.30 3.24 0.00	60.21 4.02 0.00	57.62 4.40 0.00	70.69 5.61 0.00	67.26 5.88 -0.14	76.98 6.81 -4.46	93.74 9.21 -0.98	197.23 20.75 -0.15	644.18 69.70 -1.45	1135.79 92.63 -319.56	842.84 78.72 -111.10	1903.43 160.92 -391.35	2110.98 164.25 -555.77	1532.04 110.88 -486.33	620.24 59.77 -21.62	293.83 28.43 -8.03	203.23 14.69 -28.66	112.75 8.78 -5.92
NYPA_HARLEM__RVR__GT1 24160	69.03 3.97 0.00	71.21 3.69 0.00	67.97 3.79 0.00	59.81 3.30 0.00	59.05 3.48 0.00	65.50 3.67 0.00	60.43 3.38 0.00	60.10 3.91 0.00	57.47 4.26 0.00	70.57 5.50 0.00	66.83 5.59 0.00	72.34 6.63 0.00	92.62 9.06 -0.01	196.80 20.46 0.00	643.39 70.35 -0.01	1135.92 94.32 -318.00	844.49 80.36 -111.11	1911.48 168.50 -391.82	2122.01 175.28 -555.77	1537.58 116.41 -486.34	623.18 62.71 -21.62	294.88 29.49 -8.03	204.05 15.50 -28.67	107.02 8.97 -0.01
NYPA_HARLEM__RVR__GT2 24161	69.03 3.97 0.00	71.21 3.69 0.00	67.97 3.79 0.00	59.81 3.30 0.00	59.05 3.48 0.00	65.50 3.67 0.00	60.43 3.38 0.00	60.10 3.91 0.00	57.47 4.26 0.00	70.57 5.50 0.00	66.83 5.59 0.00	72.34 6.63 0.00	92.62 9.06 -0.01	196.80 20.46 0.00	643.39 70.35 -0.01	1135.92 94.32 -318.00	844.49 80.36 -111.11	1911.48 168.50 -391.82	2122.01 175.28 -555.77	1537.58 116.41 -486.34	623.18 62.71 -21.62	294.88 29.49 -8.03	204.05 15.50 -28.67	107.02 8.97 -0.01
NYPA_KENT____GT 24152	68.97 3.92 0.00	71.28 3.77 0.00	68.02 3.85 0.00	59.84 3.32 0.00	58.99 3.43 0.00	65.38 3.55 0.00	60.29 3.24 0.00	60.17 3.98 0.00	57.59 4.37 0.00	70.60 5.52 0.00	67.57 5.72 -0.61	92.07 6.67 -19.70	96.91 9.04 -4.32	197.38 20.40 -0.65	648.48 69.03 -6.41	1140.70 91.91 -325.19	842.39 78.27 -111.10	1906.29 162.18 -392.95	2113.37 166.63 -555.77	1532.49 111.33 -486.33	620.33 59.87 -21.62	293.73 28.33 -8.03	203.24 14.70 -28.66	110.10 8.65 -3.41
NYPA_POUCH1____GT 24155	65.34 3.68 3.39	56.48 3.44 14.47	56.68 3.54 11.03	57.67 3.05 1.89	56.62 3.17 2.10	57.14 3.23 7.92	59.11 2.94 0.87	59.92 3.74 0.00	57.35 4.13 0.00	70.34 5.27 0.00	66.85 5.58 -0.03	72.93 6.45 -0.78	92.67 8.87 -0.25	196.65 20.23 -0.09	640.29 67.00 -0.26	1131.67 89.76 -318.31	841.48 77.36 -111.10	1898.60 156.41 -391.03	2105.94 159.22 -555.77	1530.86 109.71 -486.33	619.95 59.48 -21.62	294.18 28.78 -8.03	203.39 14.85 -28.66	112.83 8.86 -5.92
NYPA_VERNON____GT2 24162	68.98 3.92 0.00	71.32 3.80 0.00	68.02 3.85 0.00	59.85 3.33 0.00	59.04 3.48 0.00	65.42 3.59 0.00	60.31 3.26 0.00	60.20 4.01 0.00	57.55 4.33 0.00	70.49 5.41 0.00	67.08 5.55 -0.29	81.48 6.53 -9.24	94.49 8.91 -2.03	196.74 20.10 -0.30	644.78 68.74 -3.01	1136.87 91.94 -321.34	842.57 78.46 -111.10	1908.01 164.53 -392.33	2116.60 169.88 -555.77	1533.60 112.44 -486.33	620.88 60.42 -21.62	293.79 28.39 -8.03	203.39 14.85 -28.66	107.53 8.58 -0.89
NYPA_VERNON____GT3 24163	68.98 3.92 0.00	71.32 3.80 0.00	68.02 3.85 0.00	59.85 3.33 0.00	59.04 3.48 0.00	65.42 3.59 0.00	60.31 3.26 0.00	60.20 4.01 0.00	57.55 4.33 0.00	70.49 5.41 0.00	67.08 5.55 -0.29	81.48 6.53 -9.24	94.49 8.91 -2.03	196.74 20.10 -0.30	644.78 68.74 -3.01	1136.87 91.94 -321.34	842.57 78.46 -111.10	1908.01 164.53 -392.33	2116.60 169.88 -555.77	1533.60 112.44 -486.33	620.88 60.42 -21.62	293.79 28.39 -8.03	203.39 14.85 -28.66	107.53 8.58 -0.89
NYPA____ASTORIA_CC1 323568	68.89 3.83 0.00	71.23 3.71 0.00	67.95 3.77 0.00	59.78 3.26 0.00	58.96 3.40 0.00	65.30 3.47 0.00	60.22 3.17 0.00	60.07 3.88 0.00	57.39 4.17 0.00	70.31 5.23 0.00	66.79 5.39 -0.16	77.15 6.36 -5.09	93.37 8.70 -1.12	196.22 19.72 -0.17	642.13 67.44 -1.66	1133.43 90.03 -319.80	840.85 76.73 -111.10	1905.28 162.04 -392.08	2114.73 168.01 -555.77	1532.46 111.30 -486.33	620.13 59.66 -21.62	293.43 28.03 -8.03	203.19 14.65 -28.66	106.52 8.47 0.00
NYPA____ASTORIA_CC2 323569	68.89 3.83 0.00	71.23 3.71 0.00	67.95 3.77 0.00	59.78 3.26 0.00	58.96 3.40 0.00	65.30 3.47 0.00	60.22 3.17 0.00	60.07 3.88 0.00	57.39 4.17 0.00	70.31 5.23 0.00	66.79 5.39 -0.16	77.15 6.36 -5.09	93.37 8.70 -1.12	196.22 19.72 -0.17	642.13 67.44 -1.66	1133.43 90.03 -319.80	840.85 76.73 -111.10	1905.28 162.04 -392.08	2114.73 168.01 -555.77	1532.46 111.30 -486.33	620.13 59.66 -21.62	293.43 28.03 -8.03	203.19 14.65 -28.66	106.52 8.47 0.00
NYPA____HOLTSVILL 23794	68.32 3.99 0.73	69.38 3.23 1.36	67.31 3.13 0.00	59.99 3.47 0.00	59.48 3.92 0.00	65.78 3.95 0.00	60.61 3.56 0.00	60.76 4.39 -0.19	57.39 4.18 0.00	68.03 4.45 1.50	67.85 5.62 -0.99	89.25 7.02 -16.52	149.79 9.20 -57.04	269.49 20.32 -72.83	648.09 67.27 -7.78	1177.69 88.64 -365.46	995.03 73.07 -268.94	3522.05 160.93 -2009.96	4162.20 166.67 -2604.57	1735.05 109.25 -690.97	630.34 54.45 -37.05	283.80 21.88 -4.55	208.87 12.89 -36.10	111.97 8.76 -5.16
NYPA____HELLGATE_GT1 24158	69.03 3.97 0.00	71.21 3.69 0.00	67.97 3.79 0.00	59.81 3.30 0.00	59.05 3.48 0.00	65.50 3.67 0.00	60.43 3.38 0.00	60.10 3.91 0.00	57.47 4.26 0.00	70.57 5.50 0.00	66.85 5.61 0.00	72.33 6.63 0.00	92.62 9.06 -0.01	196.80 20.46 0.00	643.39 70.35 -0.01	1135.92 94.32 -318.00	844.49 80.36 -111.11	1911.48 168.50 -391.82	2122.01 175.28 -555.77	1537.58 116.41 -486.34	623.18 62.71 -21.62	294.88 29.49 -8.03	204.05 15.50 -28.67	107.02 8.97 -0.01
NYPA____HELLGATE_GT2 24159	69.03 3.97 0.00	71.21 3.69 0.00	67.97 3.79 0.00	59.81 3.30 0.00	59.05 3.48 0.00	65.50 3.67 0.00	60.43 3.38 0.00	60.10 3.91 0.00	57.47 4.26 0.00	70.57 5.50 0.00	66.85 5.61 0.00	72.33 6.63 0.00	92.62 9.06 -0.01	196.80 20.46 0.00	643.39 70.35 -0.01	1135.92 94.32 -318.00	844.49 80.36 -111.11	1911.48 168.50 -391.82	2122.01 175.28 -555.77	1537.58 116.41 -486.34	623.18 62.71 -21.62	294.88 29.49 -8.03	204.05 15.50 -28.67	107.02 8.97 -0.01
NYS_BARGE____HYD 23848	63.56 -1.50 0.00	65.36 -2.16 0.00	61.38 -2.79 0.00	54.40 -2.11 0.00	53.17 -2.40 0.00	59.81 -2.02 0.00	55.13 -1.93 0.00	53.87 -2.32 0.00	51.57 -1.64 0.00	64.34 -0.74 0.00	61.78 0.53 0.00	66.53 0.82 0.00	85.55 2.00 0.00	177.65 1.65 0.33	569.63 3.20 6.60	650.11 -9.07 64.42	586.41 -14.27 52.33	1135.58 -58.10 157.47	1191.07 -97.53 102.36	890.29 -52.10 -7.55	521.80 -20.41 -3.35	251.52 -7.10 -1.25	158.11 -5.93 -4.16	99.75 1.70 0.00
OAK ORCHARD____HYD 24046	65.92 0.86 0.00	67.83 0.32 0.00	63.94 -0.23 0.00	56.49 -0.03 0.00	55.33 -0.23 0.00	62.00 0.17 0.00	57.24 0.19 0.00	56.28 0.09 0.00	53.73 0.51 0.00	66.71 1.63 0.00	63.70 2.45 0.00	68.77 3.07 0.00	88.28 4.72 0.00	184.84 8.51 0.00	597.55 24.51 0.00	746.25 22.62 -0.04	668.06 14.79 -0.26	1365.37 14.16 -0.06	1383.56 -7.85 -0.45	939.24 4.41 0.00	547.40 8.55 0.00	262.52 5.15 0.00	161.69 1.81 0.00	102.05 4.00 0.00



OAKDALE___35_KV_LOAD 356122	65.67 0.61 0.00	68.06 0.55 0.00	64.30 0.13 0.00	56.62 0.10 0.00	55.64 0.08 0.00	61.95 0.12 0.00	57.19 0.14 0.00	56.40 0.21 0.00	53.55 0.33 0.00	66.12 1.04 0.00	62.76 1.51 0.00	67.73 2.02 0.00	87.55 3.25 -0.75	184.75 6.78 -1.64	595.53 22.50 0.00	752.43 28.84 0.00	673.28 20.26 0.00	1391.18 39.53 -0.50	1489.53 27.81 -70.76	1032.12 20.92 -76.38	559.90 12.97 -8.08	268.62 8.25 -3.00	173.13 3.22 -10.03	100.83 2.79 0.00
OCC_CHEM___DRP 24175	62.61 -2.45 0.00	64.58 -2.93 0.00	60.73 -3.44 0.00	53.94 -2.57 0.00	52.68 -2.88 0.00	59.24 -2.59 0.00	54.60 -2.46 0.00	53.31 -2.88 0.00	51.04 -2.18 0.00	63.70 -1.38 0.00	61.17 -0.08 0.00	65.94 0.23 0.00	84.75 1.19 0.00	175.21 -0.78 0.34	557.88 -8.41 6.75	632.29 -25.22 66.09	569.98 -27.55 55.49	1100.94 -88.90 161.32	1154.59 -127.36 109.01	868.90 -73.76 -7.83	509.41 -32.87 -3.44	245.94 -12.70 -1.28	154.57 -9.57 -4.27	97.91 -0.14 0.00
OH_GEN_PROXY 24063	63.27 -1.79 0.00	65.16 -2.35 0.00	61.29 -2.88 0.00	54.35 -2.17 0.00	53.11 -2.45 0.00	59.70 -2.13 0.00	55.03 -2.02 0.00	52.96 -2.37 0.86	51.49 -1.72 0.00	64.25 -0.83 0.00	61.58 0.34 0.00	66.49 0.78 0.00	85.63 2.08 0.00	177.99 1.95 0.29	569.13 1.88 5.78	1028.44 -9.60 -314.44	780.17 -16.51 -143.65	1444.53 -58.90 -152.28	971.53 -99.19 320.24	891.22 -54.49 -10.88	90.14 -22.14 426.57	-938.75 -7.69 1188.43	148.92 -6.59 4.37	98.92 0.87 0.00
OLIN_CORP_DRP 24177	62.85 -2.21 0.00	64.64 -2.88 0.00	60.68 -3.49 0.00	53.89 -2.62 0.00	52.66 -2.90 0.00	59.24 -2.59 0.00	54.56 -2.49 0.00	53.25 -2.94 0.00	51.00 -2.22 0.00	63.61 -1.47 0.00	61.13 -0.11 0.00	65.87 0.16 0.00	84.70 1.15 0.00	175.87 -0.11 0.35	564.78 -1.34 6.92	637.97 -17.98 67.65	574.27 -22.54 56.21	1108.63 -77.32 165.21	1163.26 -117.11 110.60	876.11 -66.27 -7.55	513.52 -28.80 -3.48	247.73 -10.94 -1.29	155.85 -8.34 -4.31	98.50 0.45 0.00
OLIN_CORP_DSASP 323712	62.59 -2.46 0.00	64.61 -2.90 0.00	60.79 -3.39 0.00	53.94 -2.57 0.00	52.68 -2.88 0.00	59.26 -2.57 0.00	54.59 -2.46 0.00	53.31 -2.88 0.00	51.04 -2.17 0.00	63.70 -1.37 0.00	61.14 -0.10 0.00	65.93 0.22 0.00	84.79 1.23 0.00	175.17 -0.82 0.34	557.49 -8.80 6.75	633.44 -24.07 66.09	571.69 -25.85 55.49	1103.86 -85.97 161.32	1154.43 -127.52 109.01	868.89 -73.77 -7.83	509.73 -32.55 -3.44	245.91 -12.73 -1.28	154.63 -9.52 -4.27	97.91 -0.14 0.00
ONEIDA_HERK_LFGE 323681	65.77 0.71 0.00	68.01 0.50 0.00	64.51 0.34 0.00	56.76 0.25 0.00	55.75 0.19 0.00	62.16 0.33 0.00	57.61 0.56 0.00	56.93 0.74 0.00	53.99 0.77 0.00	66.01 0.93 0.00	62.02 0.78 0.00	66.67 0.96 0.00	69.19 1.10 15.47	247.26 1.95 -68.98	915.13 8.14 -333.95	1195.26 14.22 -457.45	916.86 10.51 -253.33	1869.23 23.14 -494.93	1823.38 15.80 -416.61	1252.46 25.65 -291.98	638.80 17.10 -82.85	277.05 8.78 -10.90	165.37 5.49 0.00	101.11 3.06 0.00
ONEIDA___115KV_TB4 55905	66.74 1.68 0.00	68.98 1.47 0.00	65.33 1.16 0.00	57.50 0.99 0.00	56.51 0.95 0.00	62.97 1.14 0.00	58.25 1.20 0.00	57.45 1.26 0.00	54.46 1.25 0.00	66.80 1.72 0.00	63.06 1.81 0.00	67.89 2.18 0.00	80.97 3.13 5.71	211.98 6.76 -28.88	722.60 21.86 -127.71	926.62 28.95 -174.07	780.86 24.50 -103.34	1603.87 50.99 -201.72	1589.45 48.64 -149.85	1070.35 40.65 -94.87	591.85 25.45 -27.55	273.64 12.63 -3.64	166.70 6.82 0.00	102.21 4.16 0.00
ONONDAGA_REF_OCCRA 23987	65.53 0.48 0.00	67.74 0.23 0.00	64.14 -0.03 0.00	56.48 -0.04 0.00	55.49 -0.07 0.00	61.86 0.02 0.00	57.08 0.03 0.00	56.29 0.10 0.00	53.44 0.22 0.00	65.74 0.66 0.00	62.26 1.02 0.00	67.08 1.38 0.00	83.76 2.13 1.92	182.94 4.35 -2.26	585.58 13.43 0.89	738.75 15.16 0.00	664.45 11.43 0.00	1370.15 19.00 0.00	1401.88 12.52 1.61	939.61 10.40 5.63	546.29 7.69 0.25	261.43 4.06 0.00	162.00 2.12 0.00	99.90 1.85 0.00
ONONDAGA___COGEN 23986	65.09 0.03 0.00	67.26 -0.25 0.00	63.67 -0.50 0.00	56.09 -0.43 0.00	55.15 -0.42 0.00	61.54 -0.29 0.00	56.68 -0.37 0.00	55.89 -0.30 0.00	53.06 -0.15 0.00	65.25 0.17 0.00	61.78 0.54 0.00	66.49 0.79 0.00	83.73 1.28 1.10	182.56 2.51 -3.72	579.61 7.42 0.85	730.76 7.17 0.00	657.32 4.30 0.00	1355.00 3.85 0.00	1385.75 -3.69 1.53	928.60 -0.89 5.34	539.89 1.28 0.23	258.42 1.05 0.00	160.47 0.59 0.00	99.01 0.97 0.00
ONTARIO___LFGE 23819	66.08 1.02 0.00	68.20 0.69 0.00	64.19 0.02 0.00	56.50 -0.01 0.00	55.47 -0.09 0.00	62.01 0.18 0.00	57.37 0.32 0.00	56.56 0.37 0.00	53.83 0.61 0.00	66.62 1.54 0.00	63.36 2.12 0.00	68.22 2.52 0.00	87.80 3.56 -0.68	184.92 6.87 -1.72	598.74 21.29 -4.41	789.92 23.69 -42.64	704.80 15.94 -35.84	1482.02 26.29 -104.57	1521.40 13.19 -117.25	998.76 17.76 -46.17	556.61 14.51 -3.25	267.26 8.69 -1.21	167.09 3.18 -4.03	101.48 3.44 0.00
ORANGEVILLE_WT_PWR 323706	63.51 -1.54 0.00	65.57 -1.95 0.00	61.39 -2.77 0.00	54.11 -2.41 0.00	52.86 -2.70 0.00	59.29 -2.54 0.00	54.84 -2.21 0.00	53.82 -2.37 0.00	51.51 -1.70 0.00	64.29 -0.79 0.00	61.41 0.17 0.00	66.17 0.46 0.00	84.94 1.39 0.00	174.58 -0.04 1.71	535.24 -3.76 34.04	378.57 -11.47 333.56	355.20 -17.08 280.74	486.43 -49.85 814.87	653.38 -77.32 660.27	815.79 -36.88 82.16	532.50 -10.65 -4.31	257.88 -1.09 -1.60	162.13 -3.09 -5.34	100.16 2.12 0.00
ORANGEVILLE___ESR 323794	63.51 -1.54 0.00	65.57 -1.95 0.00	61.39 -2.77 0.00	54.11 -2.41 0.00	52.86 -2.70 0.00	59.29 -2.54 0.00	54.84 -2.21 0.00	53.82 -2.37 0.00	51.51 -1.70 0.00	64.29 -0.79 0.00	61.41 0.17 0.00	66.17 0.46 0.00	84.94 1.39 0.00	174.58 -0.04 1.71	535.24 -3.76 34.04	378.57 -11.47 333.56	355.20 -17.08 280.74	486.43 -49.85 814.87	653.38 -77.32 660.27	815.79 -36.88 82.16	532.50 -10.65 -4.31	257.88 -1.09 -1.60	162.13 -3.09 -5.34	100.16 2.12 0.00
OSWEGATCHIE___HYD 24044	63.84 -1.22 0.00	66.22 -1.29 0.00	62.85 -1.32 0.00	55.28 -1.24 0.00	54.22 -1.35 0.00	60.58 -1.25 0.00	56.23 -0.81 0.00	55.30 -0.89 0.00	52.24 -0.98 0.00	63.46 -1.62 0.00	59.06 -2.18 0.00	62.70 -3.01 0.00	-10.23 -5.09 88.70	25.51 -12.37 138.45	-57.04 -37.83 592.25	-93.23 -44.17 772.65	163.70 -39.05 450.28	398.70 -73.41 879.05	597.33 -74.31 719.31	269.11 -37.40 628.31	390.61 -16.81 131.42	234.71 -6.51 16.15	158.72 -1.16 0.00	96.38 -1.66 0.00
OSWEGO___5 23606	63.95 -1.10 0.00	66.16 -1.36 0.00	62.72 -1.45 0.00	55.24 -1.27 0.00	54.30 -1.27 0.00	60.42 -1.41 0.00	55.76 -1.30 0.00	54.93 -1.26 0.00	52.12 -1.10 0.00	63.99 -1.09 0.00	60.46 -0.78 0.00	65.04 -0.67 0.00	91.09 -0.63 -8.16	192.54 -1.67 -17.88	566.35 -6.69 0.00	711.62 -11.97 0.00	640.51 -12.52 0.00	1318.51 -32.65 0.00	1350.45 -40.51 0.00	908.05 -26.78 0.00	525.38 -13.47 0.00	251.32 -6.05 0.00	156.66 -3.22 0.00	96.76 -1.29 0.00
OSWEGO___6 23613	63.95 -1.10 0.00	66.16 -1.36 0.00	62.72 -1.45 0.00	55.24 -1.27 0.00	54.30 -1.27 0.00	60.42 -1.41 0.00	55.76 -1.30 0.00	54.93 -1.26 0.00	52.12 -1.10 0.00	63.99 -1.09 0.00	60.46 -0.78 0.00	65.04 -0.67 0.00	91.09 -0.63 -8.16	192.54 -1.67 -17.88	566.35 -6.69 0.00	711.62 -11.97 0.00	640.51 -12.52 0.00	1318.51 -32.65 0.00	1350.45 -40.51 0.00	908.05 -26.78 0.00	525.38 -13.47 0.00	251.32 -6.05 0.00	156.66 -3.22 0.00	96.76 -1.29 0.00



OUTOKUMPU-AB___DRP 24206	63.99 -1.07 0.00	65.83 -1.68 0.00	61.77 -2.41 0.00	54.79 -1.73 0.00	53.53 -2.03 0.00	60.16 -1.67 0.00	55.52 -1.53 0.00	54.38 -1.81 0.00	52.12 -1.10 0.00	65.11 0.03 0.00	62.53 1.28 0.00	67.34 1.63 0.00	86.65 3.10 0.00	179.85 3.88 0.36	574.70 8.91 7.25	649.92 -2.79 70.88	585.64 -8.43 58.95	1134.47 -43.58 173.10	1193.15 -81.05 116.76	899.31 -42.26 -6.74	526.04 -16.32 -3.52	253.83 -4.85 -1.31	159.32 -4.92 -4.36	100.31 2.26 0.00
OXBOW___BTM 323836	63.27 -1.78 0.00	65.29 -2.23 0.00	61.35 -2.83 0.00	54.40 -2.12 0.00	53.12 -2.44 0.00	59.74 -2.09 0.00	55.09 -1.96 0.00	53.88 -2.30 0.00	51.64 -1.58 0.00	64.47 -0.61 0.00	61.90 0.66 0.00	66.54 0.83 0.00	85.61 2.06 0.00	177.26 1.28 0.35	565.01 -1.02 7.00	641.29 -13.80 68.51	578.61 -17.21 57.21	1118.64 -65.25 167.27	1172.06 -106.16 112.75	882.75 -59.36 -7.28	517.21 -25.11 -3.48	249.46 -9.20 -1.29	156.73 -7.46 -4.31	98.90 0.85 0.00
OXBOW___ 24026	63.29 -1.77 0.00	65.27 -2.25 0.00	61.29 -2.88 0.00	54.40 -2.12 0.00	53.13 -2.44 0.00	59.72 -2.11 0.00	55.10 -1.96 0.00	53.87 -2.32 0.00	51.63 -1.59 0.00	64.48 -0.60 0.00	61.93 0.69 0.00	66.55 0.84 0.00	85.59 2.04 0.00	177.30 1.32 0.35	565.42 -0.62 7.00	640.05 -15.04 68.51	577.01 -18.80 57.21	1115.80 -68.09 167.27	1171.96 -106.26 112.75	882.77 -59.34 -7.28	516.94 -25.39 -3.48	249.49 -9.17 -1.29	156.69 -7.51 -4.31	98.90 0.85 0.00
OXY_CHEM_DSASP 323612	62.61 -2.45 0.00	64.58 -2.93 0.00	60.73 -3.44 0.00	53.94 -2.57 0.00	52.68 -2.88 0.00	59.24 -2.59 0.00	54.60 -2.46 0.00	53.31 -2.88 0.00	51.04 -2.18 0.00	63.70 -1.38 0.00	61.17 -0.08 0.00	65.94 0.23 0.00	84.75 1.19 0.00	175.21 -0.78 0.34	557.88 -8.41 6.75	632.29 -25.22 66.09	569.98 -27.55 55.49	1100.94 -88.90 161.32	1154.59 -127.36 109.01	868.90 -73.76 -7.83	509.41 -32.87 -3.44	245.94 -12.70 -1.28	154.57 -9.57 -4.27	97.91 -0.14 0.00
OZONE_PARK_ESR 323760	70.26 5.20 0.00	72.53 5.01 0.00	69.02 4.85 0.00	60.68 4.17 0.00	59.82 4.25 0.00	66.30 4.47 0.00	61.14 4.09 0.00	61.09 4.91 0.00	58.45 5.23 0.00	71.72 6.64 0.00	68.08 6.84 0.00	73.68 7.97 0.00	94.40 10.84 0.00	200.53 24.20 0.00	655.68 82.65 0.00	1152.68 111.12 -317.97	858.72 94.61 -111.09	1943.33 200.43 -391.75	2151.38 204.68 -555.73	1556.80 135.67 -486.30	634.41 73.95 -21.62	300.05 34.66 -8.03	207.24 18.70 -28.66	108.90 10.85 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	62.61 -2.45 0.00	64.58 -2.93 0.00	60.73 -3.44 0.00	53.94 -2.57 0.00	52.68 -2.88 0.00	59.24 -2.59 0.00	54.60 -2.46 0.00	53.31 -2.88 0.00	51.04 -2.18 0.00	63.70 -1.38 0.00	61.17 -0.08 0.00	65.94 0.23 0.00	84.75 1.19 0.00	175.21 -0.78 0.34	557.88 -8.41 6.75	632.29 -25.22 66.09	569.98 -27.55 55.49	1100.94 -88.90 161.32	1154.59 -127.36 109.01	868.90 -73.76 -7.83	509.41 -32.87 -3.44	245.94 -12.70 -1.28	154.57 -9.57 -4.27	97.91 -0.14 0.00
PACKARD__115KV_DUPONT_184 80571	62.61 -2.45 0.00	64.58 -2.93 0.00	60.73 -3.44 0.00	53.94 -2.57 0.00	52.68 -2.88 0.00	59.24 -2.59 0.00	54.60 -2.46 0.00	53.31 -2.88 0.00	51.04 -2.18 0.00	63.70 -1.38 0.00	61.17 -0.08 0.00	65.94 0.23 0.00	84.75 1.19 0.00	175.21 -0.78 0.34	557.88 -8.41 6.75	632.29 -25.22 66.09	569.98 -27.55 55.49	1100.94 -88.90 161.32	1154.59 -127.36 109.01	868.90 -73.76 -7.83	509.41 -32.87 -3.44	245.94 -12.70 -1.28	154.57 -9.57 -4.27	97.91 -0.14 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	69.08 4.03 0.00	71.29 3.78 0.00	68.02 3.85 0.00	59.82 3.31 0.00	59.02 3.45 0.00	65.42 3.59 0.00	60.35 3.31 0.00	60.08 3.89 0.00	57.45 4.24 0.00	70.50 5.42 0.00	66.89 5.61 -0.03	73.43 6.66 -1.07	92.88 9.09 -0.23	196.80 20.43 -0.04	643.57 70.19 -0.35	1134.95 92.96 -318.39	843.49 79.37 -111.10	1910.51 167.51 -391.84	2119.76 173.04 -555.77	1536.39 115.23 -486.33	622.21 61.74 -21.62	294.38 28.98 -8.03	203.85 15.31 -28.66	106.93 8.88 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	72.60 7.54 0.00	74.85 7.33 0.00	71.42 7.25 0.00	62.58 6.06 0.00	61.76 6.20 0.00	68.37 6.54 0.00	63.08 6.03 0.00	62.83 6.64 0.00	60.08 6.86 0.00	73.72 8.64 0.00	69.96 8.69 -0.03	76.89 10.12 -1.07	97.31 13.52 -0.23	205.07 28.70 -0.04	674.05 100.67 -0.35	1170.33 128.35 -318.39	872.76 108.64 -111.10	1976.39 233.39 -391.84	2188.21 241.48 -555.77	1580.07 158.91 -486.33	644.57 84.11 -21.62	304.58 39.18 -8.03	210.09 21.55 -28.66	110.89 12.84 0.00
PATROON__115KV_TB1 80586	66.78 1.72 0.00	68.84 1.33 0.00	65.51 1.33 0.00	57.83 1.32 0.00	56.93 1.37 0.00	63.09 1.26 0.00	58.29 1.23 0.00	57.65 1.46 0.00	54.59 1.37 0.00	66.73 1.65 0.00	63.15 1.91 0.00	68.08 2.37 0.00	86.82 3.27 0.00	183.35 7.02 0.00	595.93 22.89 0.00	754.60 31.00 0.00	680.32 27.30 0.00	1422.07 66.90 -4.01	2065.30 73.89 -600.44	1601.38 46.25 -620.30	627.76 23.94 -64.96	292.90 11.41 -24.12	248.73 6.62 -82.22	101.79 3.74 0.00
PATTRSNVILLE___SOLAR 323815	67.80 2.74 0.00	70.16 2.64 0.00	66.75 2.58 0.00	58.77 2.25 0.00	57.84 2.27 0.00	64.35 2.52 0.00	59.23 2.18 0.00	58.16 1.97 0.00	54.76 1.54 0.00	66.75 1.68 0.00	63.04 1.80 0.00	67.82 2.11 0.00	86.33 2.78 0.00	182.36 6.03 0.00	593.04 20.01 0.00	749.87 26.28 0.00	676.43 23.41 0.00	1416.78 59.85 -5.77	2353.25 72.90 -889.39	1882.92 54.05 -894.04	664.92 32.68 -93.39	307.79 15.74 -34.68	289.18 9.27 -120.04	103.46 5.41 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	64.40 -0.66 0.00	66.22 -1.30 0.00	62.07 -2.10 0.00	54.98 -1.54 0.00	53.77 -1.80 0.00	60.33 -1.51 0.00	55.78 -1.28 0.00	54.77 -1.42 0.00	52.50 -0.72 0.00	65.62 0.55 0.00	62.91 1.66 0.00	67.98 2.27 0.00	87.69 4.14 0.00	182.70 6.73 0.37	585.17 19.45 7.31	665.95 13.97 71.61	597.30 4.40 60.13	1168.54 -7.82 174.80	1230.92 -43.67 116.37	925.74 -18.85 -9.77	536.94 -5.77 -3.86	259.57 0.76 -1.44	162.68 -2.00 -4.79	101.04 2.99 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	69.65 4.59 0.00	71.81 4.29 0.00	68.24 4.07 0.00	60.00 3.49 0.00	59.09 3.53 0.00	65.53 3.69 0.00	60.45 3.40 0.00	60.31 4.12 0.00	57.50 4.28 0.00	70.64 5.56 0.00	67.24 5.99 0.00	72.79 7.09 0.00	93.24 9.68 0.00	198.03 21.70 0.00	646.79 73.75 0.00	1128.57 99.03 -305.95	846.06 86.15 -106.89	1913.03 184.87 -377.00	2122.84 187.72 -544.16	1537.03 123.01 -479.19	627.02 66.18 -21.99	296.06 30.53 -8.17	205.53 16.67 -28.97	107.70 9.65 0.00
PEEKSKILL___ 23653	68.71 3.65 0.00	70.90 3.38 0.00	67.43 3.26 0.00	59.36 2.84 0.00	58.48 2.92 0.00	64.82 2.99 0.00	59.75 2.70 0.00	59.58 3.39 0.00	56.82 3.60 0.00	69.64 4.56 0.00	66.21 4.97 0.00	71.61 5.91 0.00	91.67 8.11 0.00	194.61 18.28 0.00	635.56 62.52 0.00	1118.73 84.29 -310.85	834.10 72.48 -108.60	1888.78 154.64 -382.98	2094.45 157.90 -545.58	1517.01 104.29 -477.90	616.20 55.95 -21.40	291.32 26.01 -7.95	202.34 14.11 -28.35	106.20 8.15 0.00
PGE MADISON___WINDPWR 24146	69.48 4.42 0.00	71.89 4.37 0.00	68.10 3.93 0.00	59.95 3.44 0.00	58.80 3.24 0.00	65.83 4.00 0.00	61.16 4.11 0.00	60.26 4.07 0.00	57.03 3.81 0.00	70.20 5.12 0.00	66.48 5.23 0.00	71.47 5.77 0.00	91.77 7.42 -0.80	193.82 15.66 -1.83	622.39 47.83 -1.52	807.49 69.14 -14.76	731.48 66.06 -12.40	1526.99 139.11 -36.72	1643.40 135.87 -116.57	1139.19 106.72 -97.64	612.87 64.29 -9.73	290.06 29.07 -3.61	187.45 15.49 -12.08	108.17 10.12 0.00



PIERCEFIELD___HYD 23852	63.97 -1.09 0.00	66.66 -0.86 0.00	63.29 -0.88 0.00	55.69 -0.83 0.00	54.63 -0.94 0.00	61.05 -0.79 0.00	56.50 -0.55 0.00	55.23 -0.95 0.00	51.96 -1.26 0.00	62.93 -2.15 0.00	58.43 -2.82 0.00	61.34 -4.36 0.00	-54.88 -7.14 131.29	42.59 -16.32 117.42	87.33 -52.81 432.90	120.15 -63.75 539.69	250.46 -52.01 350.55	569.81 -97.89 683.45	809.02 -97.90 484.04	401.21 -65.47 468.15	430.78 -34.20 73.87	234.17 -14.91 8.29	153.87 -6.01 0.00	93.00 -5.05 0.00
PINELAWN_CC_1 323563	74.91 3.88 -5.98	70.62 3.10 0.00	67.12 2.95 0.00	59.67 3.16 0.00	59.12 3.56 0.00	65.41 3.58 0.00	60.31 3.26 0.00	60.79 4.17 -0.43	57.21 3.99 0.00	69.63 4.54 0.00	68.91 5.28 -2.38	80.50 6.58 -8.21	115.29 8.76 -22.97	208.49 19.82 -12.33	680.52 71.37 -36.11	1300.25 102.80 -473.85	1129.32 88.21 -388.08	3682.49 191.70 -2139.64	4327.90 197.28 -2739.65	1873.26 125.79 -812.64	678.70 62.14 -77.72	293.34 25.90 -10.07	205.13 14.00 -31.25	106.46 8.11 -0.30
PJM_GEN_HTP_PROXY 323702	69.09 4.03 0.00	71.35 3.83 0.00	67.92 3.75 0.00	59.75 3.23 0.00	58.92 3.35 0.00	65.29 3.45 0.00	60.17 3.12 0.00	60.09 3.90 0.00	57.44 4.23 0.00	70.49 5.41 0.00	66.91 5.67 0.00	72.36 6.65 0.00	92.64 9.08 0.00	196.73 20.40 0.00	479.80 70.09 163.32	872.62 94.63 -54.39	844.52 80.42 -111.08	1913.69 170.82 -391.72	2121.15 174.50 -555.69	1478.06 115.34 -427.89	321.10 62.07 279.82	418.26 28.88 -132.02	203.64 15.10 -28.66	106.74 8.70 0.00
PJM_GEN_KEystone 24065	65.67 1.10 0.49	67.27 0.77 1.01	63.73 0.33 0.77	56.73 0.34 0.13	55.73 0.31 0.15	61.59 0.31 0.55	57.24 0.25 0.06	56.80 0.61 0.00	54.23 1.01 0.00	66.98 1.91 0.00	63.84 2.60 0.00	69.06 3.35 0.00	88.78 5.22 0.00	187.47 11.21 0.07	445.62 37.36 164.78	653.05 48.28 118.82	732.69 36.03 -43.65	1582.10 70.21 -160.74	1717.42 55.87 -270.59	1179.44 40.52 -204.10	274.52 23.69 288.01	399.54 13.20 -128.97	183.12 5.63 -17.61	113.89 4.63 -11.22
PJM_GEN_NEPTUNE_PROXY 323594	63.91 3.78 4.93	68.41 3.11 2.21	67.16 2.99 0.00	59.63 3.12 0.00	58.98 3.42 0.00	65.28 3.45 0.00	60.15 3.10 0.00	60.15 3.93 -0.03	57.03 3.82 0.00	67.34 4.52 2.26	66.71 5.34 -0.12	72.90 6.53 -0.66	102.30 8.67 -10.08	191.77 19.71 4.27	467.81 68.53 173.76	849.32 91.44 -34.28	1006.29 77.78 -275.49	3435.19 168.23 -1915.80	3838.73 171.71 -2276.06	1654.76 112.24 -607.69	610.97 59.87 -12.25	400.34 25.54 -117.42	196.35 14.10 -22.37	106.27 8.22 0.00
PJM_GEN_VFT_PROXY 323633	64.15 3.58 4.49	56.40 3.37 14.48	56.50 3.35 11.02	57.50 2.87 1.89	56.45 2.99 2.11	56.94 3.03 7.93	58.92 2.73 0.87	59.70 3.52 0.00	57.13 3.91 0.00	70.02 4.94 0.00	66.40 5.27 0.11	68.38 6.25 3.57	91.28 8.51 0.78	195.42 19.21 0.12	475.06 66.51 164.49	866.24 89.55 -53.09	839.43 75.33 -111.09	1894.08 159.84 -383.09	2101.77 164.02 -546.78	1471.13 108.43 -427.87	317.31 58.29 279.83	416.26 26.88 -132.01	202.58 14.04 -28.66	106.09 8.04 0.00
PLATSBURG_115KV_PMLD1 355749	63.71 -1.35 0.00	66.86 -0.66 0.00	63.69 -0.48 0.00	56.05 -0.46 0.00	54.87 -0.70 0.00	61.15 -0.68 0.00	56.60 -0.45 0.00	55.99 -0.20 0.00	52.73 -0.48 0.00	64.04 -1.04 0.00	59.97 -1.27 0.00	63.91 -1.79 0.00	74.31 -3.13 6.11	94.15 -6.88 75.30	282.81 -23.17 267.05	337.46 -24.50 361.64	361.11 -17.58 274.34	783.88 -33.32 533.96	1125.20 -41.13 224.63	833.01 -34.38 67.44	507.80 -13.42 17.63	247.46 -7.62 2.28	156.26 -3.62 0.00	94.81 -3.24 0.00
PLEASANTVLY___LBMP 24000	68.19 3.13 0.00	70.38 2.87 0.00	66.97 2.80 0.00	58.96 2.45 0.00	58.10 2.54 0.00	64.42 2.59 0.00	59.38 2.32 0.00	59.13 2.94 0.00	56.28 3.06 0.00	68.99 3.92 0.00	65.53 4.29 0.00	70.81 5.11 0.00	90.55 6.99 0.00	191.91 15.58 0.00	625.96 52.93 0.00	1166.85 71.38 -371.88	844.61 61.67 -129.92	1943.29 134.15 -457.99	2154.35 137.19 -626.19	1568.02 89.64 -543.55	609.38 47.93 -22.61	288.16 22.40 -8.39	202.43 12.40 -30.16	105.19 7.15 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	68.94 3.88 0.00	71.17 3.65 0.00	67.71 3.54 0.00	59.57 3.06 0.00	58.73 3.17 0.00	65.10 3.27 0.00	60.00 2.95 0.00	59.87 3.68 0.00	57.09 3.87 0.00	70.01 4.93 0.00	66.52 5.28 0.00	71.96 6.26 0.00	92.12 8.56 0.00	195.57 19.24 0.00	638.53 65.50 0.00	1132.14 88.17 -320.37	841.29 76.34 -111.93	1908.45 162.59 -394.70	2116.03 165.21 -559.86	1533.60 108.93 -489.84	618.98 58.37 -21.77	292.62 27.16 -8.08	203.40 14.65 -28.86	106.51 8.46 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	68.94 3.88 0.00	71.17 3.65 0.00	67.71 3.54 0.00	59.57 3.06 0.00	58.73 3.17 0.00	65.10 3.27 0.00	60.00 2.95 0.00	59.87 3.68 0.00	57.09 3.87 0.00	70.01 4.93 0.00	66.52 5.28 0.00	71.96 6.26 0.00	92.12 8.56 0.00	195.57 19.24 0.00	638.53 65.50 0.00	1132.14 88.17 -320.37	841.29 76.34 -111.93	1908.45 162.59 -394.70	2116.03 165.21 -559.86	1533.60 108.93 -489.84	618.98 58.37 -21.77	292.62 27.16 -8.08	203.40 14.65 -28.86	106.51 8.46 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	69.06 4.00 0.00	71.23 3.71 0.00	67.69 3.52 0.00	59.56 3.04 0.00	58.66 3.10 0.00	65.03 3.20 0.00	59.99 2.94 0.00	59.78 3.59 0.00	56.91 3.70 0.00	69.91 4.83 0.00	66.44 5.20 0.00	71.86 6.15 0.00	91.98 8.42 0.00	195.09 18.76 0.00	637.15 64.11 0.00	1098.76 85.96 -289.20	829.65 75.59 -101.04	1870.90 163.25 -356.49	2091.31 166.44 -533.91	1516.03 109.28 -471.92	620.64 59.00 -22.79	293.22 27.38 -8.46	205.02 15.12 -30.03	106.81 8.77 0.00
POLETTI____ 23519	69.19 4.14 0.00	71.43 3.92 0.00	68.01 3.84 0.00	59.76 3.24 0.00	58.92 3.36 0.00	65.26 3.44 0.00	60.13 3.07 0.00	60.06 3.87 0.00	57.46 4.25 0.00	70.48 5.40 0.00	66.80 5.55 0.00	72.27 6.56 0.00	92.55 8.99 0.00	196.62 20.29 0.00	642.92 69.88 0.00	1135.24 93.66 -317.97	843.90 79.78 -111.09	1911.43 168.53 -391.75	2118.76 172.07 -555.73	1534.90 113.77 -486.30	621.77 61.30 -21.62	293.81 28.42 -8.03	203.57 15.03 -28.66	106.61 8.57 0.00
POMONA___ESR 323819	68.78 3.73 0.00	70.93 3.42 0.00	67.42 3.25 0.00	59.34 2.83 0.00	58.44 2.87 0.00	64.77 2.94 0.00	59.68 2.63 0.00	59.51 3.32 0.00	56.79 3.57 0.00	69.64 4.57 0.00	66.28 5.04 0.00	71.71 6.00 0.00	91.87 8.31 0.00	195.05 18.72 0.00	636.98 63.94 0.00	1101.40 86.31 -291.49	829.18 74.33 -101.84	1868.49 158.15 -359.19	2070.52 160.33 -519.23	1497.33 106.21 -456.29	616.70 56.92 -20.93	291.64 26.50 -7.77	201.92 14.38 -27.66	106.37 8.32 0.00
PORT_JEFF_3 23555	68.55 4.15 0.66	69.54 3.37 1.35	67.42 3.25 0.00	60.09 3.58 0.00	59.58 4.01 0.00	65.88 4.04 0.00	60.73 3.68 0.00	60.87 4.50 -0.19	57.41 4.19 0.00	67.99 4.40 1.49	67.86 5.62 -1.01	90.81 6.97 -18.13	157.01 9.05 -64.41	287.77 19.97 -91.46	647.25 66.15 -8.06	1177.27 87.18 -366.49	994.87 71.88 -269.98	3521.35 158.90 -2011.29	4161.94 165.08 -2605.90	1733.77 106.93 -692.01	629.14 52.92 -37.37	283.24 21.30 -4.58	209.02 12.50 -36.64	112.48 8.75 -5.69
PORT_JEFF_4 23616	68.55 4.15 0.66	69.54 3.37 1.35	67.42 3.25 0.00	60.09 3.58 0.00	59.58 4.01 0.00	65.88 4.04 0.00	60.73 3.68 0.00	60.87 4.50 -0.19	57.41 4.19 0.00	67.99 4.40 1.49	67.86 5.62 -1.01	90.81 6.97 -18.13	157.01 9.05 -64.41	287.77 19.97 -91.46	647.25 66.15 -8.06	1177.27 87.18 -366.49	994.87 71.88 -269.98	3521.35 158.90 -2011.29	4161.94 165.08 -2605.90	1733.77 106.93 -692.01	629.14 52.92 -37.37	283.24 21.30 -4.58	209.02 12.50 -36.64	112.48 8.75 -5.69



PORT_JEFF_IC 23713	69.07 4.48 0.47	69.87 3.66 1.31	67.69 3.52 0.00	60.22 3.71 0.00	59.71 4.14 0.00	66.06 4.23 0.00	60.88 3.83 0.00	61.10 4.72 -0.20	57.62 4.40 0.00	68.26 4.67 1.49	68.24 5.95 -1.05	96.66 7.18 -23.77	182.64 9.32 -89.77	352.27 20.54 -155.40	648.75 66.89 -8.83	1181.89 88.93 -369.37	999.44 73.61 -272.81	3530.76 164.50 -2015.10	4171.15 170.41 -2609.77	1739.29 109.51 -694.95	631.27 54.17 -38.25	283.43 21.41 -4.65	211.10 12.69 -38.53	114.86 9.23 -7.58
PPL PILGRIM_ST_GT1 24216	69.99 4.55 -0.39	70.12 3.74 1.13	67.75 3.58 0.00	60.34 3.83 0.00	59.83 4.27 0.00	66.19 4.36 0.00	61.04 3.99 0.00	61.22 4.81 -0.23	57.82 4.60 -0.01	69.15 5.24 1.17	68.62 6.14 -1.24	79.45 7.56 -6.18	122.23 9.56 -29.12	201.41 21.16 -3.92	657.58 72.19 -12.35	1202.85 96.56 -382.69	1021.74 81.22 -287.50	3562.95 179.00 -2032.79	4204.31 185.47 -2627.88	1765.37 119.78 -710.76	643.28 61.15 -43.28	287.86 25.14 -5.35	206.13 14.34 -31.92	107.80 8.78 -0.97
PPL PILGRIM_ST_GT2 24217	69.99 4.55 -0.39	70.12 3.74 1.13	67.75 3.58 0.00	60.34 3.83 0.00	59.83 4.27 0.00	66.19 4.36 0.00	61.04 3.99 0.00	61.22 4.81 -0.23	57.82 4.60 -0.01	69.15 5.24 1.17	68.62 6.14 -1.24	79.45 7.56 -6.18	122.23 9.56 -29.12	201.41 21.16 -3.92	657.58 72.19 -12.35	1202.85 96.56 -382.69	1021.74 81.22 -287.50	3562.95 179.00 -2032.79	4204.31 185.47 -2627.88	1765.37 119.78 -710.76	643.28 61.15 -43.28	287.86 25.14 -5.35	206.13 14.34 -31.92	107.80 8.78 -0.97
PPL_SHRM_GT3 24213	68.92 4.43 0.57	69.91 3.72 1.33	67.78 3.61 0.00	60.46 3.95 0.00	59.92 4.36 0.00	66.24 4.41 0.00	61.03 3.98 0.00	61.27 4.89 -0.19	57.88 4.66 0.00	68.00 4.40 1.48	67.88 5.61 -1.03	92.18 7.22 -19.25	162.54 9.52 -69.46	301.39 21.06 -104.00	650.73 69.26 -8.44	1180.91 89.39 -367.92	989.24 64.74 -271.48	3486.89 122.56 -2013.17	4127.18 128.42 -2607.80	1721.47 93.06 -693.57	617.34 40.63 -37.86	278.83 16.82 -4.63	208.02 11.14 -37.00	112.84 8.74 -6.05
PPL_SHRM_GT4 24214	68.92 4.43 0.57	69.91 3.72 1.33	67.78 3.61 0.00	60.46 3.95 0.00	59.92 4.36 0.00	66.24 4.41 0.00	61.03 3.98 0.00	61.27 4.89 -0.19	57.88 4.66 0.00	68.00 4.40 1.48	67.88 5.61 -1.03	92.18 7.22 -19.25	162.54 9.52 -69.46	301.39 21.06 -104.00	650.73 69.26 -8.44	1180.91 89.39 -367.92	989.24 64.74 -271.48	3486.89 122.56 -2013.17	4127.18 128.42 -2607.80	1721.47 93.06 -693.57	617.34 40.63 -37.86	278.83 16.82 -4.63	208.02 11.14 -37.00	112.84 8.74 -6.05
PROJECT___ORANGE 1 24174	65.16 0.10 0.00	67.34 -0.17 0.00	63.78 -0.39 0.00	56.17 -0.35 0.00	55.20 -0.37 0.00	61.52 -0.31 0.00	56.77 -0.28 0.00	55.97 -0.22 0.00	53.18 -0.03 0.00	65.43 0.35 0.00	61.99 0.75 0.00	66.78 1.07 0.00	82.78 1.73 2.51	181.51 3.45 -1.74	582.36 10.32 1.00	734.17 10.57 0.00	660.27 7.25 0.00	1360.97 9.81 0.00	1391.21 2.05 1.80	931.33 2.79 6.29	541.86 3.29 0.28	259.34 1.97 0.00	160.83 0.95 0.00	99.22 1.18 0.00
PROJECT___ORANGE 2 24166	65.16 0.10 0.00	67.34 -0.17 0.00	63.78 -0.39 0.00	56.17 -0.35 0.00	55.20 -0.37 0.00	61.52 -0.31 0.00	56.77 -0.28 0.00	55.97 -0.22 0.00	53.18 -0.03 0.00	65.43 0.35 0.00	61.99 0.75 0.00	66.78 1.07 0.00	82.78 1.73 2.51	181.51 3.45 -1.74	582.36 10.32 1.00	734.17 10.57 0.00	660.27 7.25 0.00	1360.97 9.81 0.00	1391.21 2.05 1.80	931.33 2.79 6.29	541.86 3.29 0.28	259.34 1.97 0.00	160.83 0.95 0.00	99.22 1.18 0.00
PUCKETT___SOLAR 323809	66.45 1.39 0.00	68.89 1.38 0.00	65.15 0.98 0.00	57.41 0.89 0.00	56.38 0.82 0.00	62.81 0.97 0.00	58.07 1.02 0.00	57.20 1.01 0.00	54.20 0.98 0.00	66.73 1.65 0.00	63.21 1.97 0.00	68.11 2.40 0.00	88.00 3.71 -0.74	185.62 7.67 -1.62	597.25 24.21 0.00	756.85 33.25 0.00	679.95 26.93 0.00	1408.43 56.71 -0.56	1523.04 52.11 -79.97	1062.59 41.54 -86.22	573.01 25.04 -9.12	273.57 12.81 -3.39	176.93 5.73 -11.31	102.33 4.29 0.00
PYRITES___HYD 24023	65.82 0.77 0.00	68.54 1.02 0.00	65.06 0.89 0.00	57.22 0.71 0.00	56.17 0.60 0.00	62.76 0.93 0.00	58.02 0.97 0.00	56.31 0.13 0.00	52.63 -0.58 0.00	63.55 -1.53 0.00	58.91 -2.34 0.00	61.92 -3.78 0.00	-62.31 -6.37 139.49	45.26 -14.06 117.01	106.27 -45.79 420.98	148.24 -54.89 520.46	267.82 -42.87 342.32	626.48 -57.37 667.31	862.09 -62.03 466.84	432.22 -39.91 462.70	452.32 -17.07 69.46	242.41 -7.32 7.64	157.94 -1.94 0.00	95.41 -2.64 0.00
QUAKERRD_115KV_BK1 80622	64.50 -0.55 0.00	66.41 -1.11 0.00	62.63 -1.55 0.00	55.32 -1.19 0.00	54.22 -1.34 0.00	60.69 -1.14 0.00	56.05 -1.00 0.00	55.16 -1.03 0.00	52.62 -0.60 0.00	65.20 0.13 0.00	62.18 0.94 0.00	67.09 1.39 0.00	86.01 2.45 0.00	180.36 4.03 0.00	583.64 10.60 0.00	729.68 6.06 -0.02	653.59 0.45 -0.12	1338.30 -12.89 -0.03	1360.81 -30.19 -0.04	921.77 -13.06 0.00	535.92 -2.92 0.00	256.94 -0.43 0.00	158.35 -1.53 0.00	99.42 1.37 0.00
QUENSBRY_115KV_TB8 356137	69.02 3.96 0.00	71.14 3.63 0.00	67.58 3.41 0.00	59.58 3.07 0.00	59.25 3.69 0.00	65.95 4.12 0.00	60.74 3.69 0.00	60.15 3.96 0.00	56.75 3.53 0.00	69.35 4.28 0.00	65.62 4.38 0.00	70.86 5.15 0.00	90.42 6.86 0.00	191.03 14.71 0.00	618.82 45.78 0.00	784.34 60.74 0.00	708.71 55.69 0.00	1495.36 138.68 -5.52	2431.83 152.00 -888.87	1890.42 100.34 -855.25	683.79 55.57 -89.37	316.79 26.24 -33.19	293.38 15.41 -118.09	106.50 8.45 0.00
RAMAPO___LBMP 323565	68.39 3.33 0.00	70.58 3.06 0.00	67.10 2.93 0.00	59.05 2.54 0.00	58.16 2.60 0.00	64.46 2.63 0.00	59.39 2.34 0.00	59.20 3.01 0.00	56.46 3.24 0.00	69.18 4.10 0.00	65.82 4.57 0.00	71.18 5.48 0.00	91.13 7.57 0.00	193.50 17.17 0.00	631.71 58.67 0.00	1087.70 79.37 -284.74	820.84 68.35 -99.48	1847.10 145.06 -350.88	2048.46 147.39 -510.11	1481.44 97.80 -448.81	612.19 52.57 -20.77	289.60 24.52 -7.71	200.66 13.34 -27.43	105.74 7.69 0.00
RANKINE___ 23646	64.47 -0.59 0.00	66.32 -1.19 0.00	62.19 -1.98 0.00	55.13 -1.39 0.00	53.88 -1.69 0.00	60.48 -1.35 0.00	55.90 -1.16 0.00	54.81 -1.38 0.00	52.51 -0.70 0.00	65.64 0.55 0.00	62.95 1.70 0.00	67.96 2.25 0.00	87.62 4.07 0.00	182.21 6.30 0.43	581.54 17.00 8.49	650.43 9.97 83.14	584.14 0.92 69.80	1129.91 -18.27 202.97	1195.44 -54.15 141.37	914.78 -24.67 -4.62	535.59 -7.03 -3.77	258.92 0.16 -1.40	162.40 -2.15 -4.67	101.35 3.30 0.00
RAVENSWOOD_GT2_1 24244	69.02 3.96 0.00	71.30 3.79 0.00	67.94 3.77 0.00	59.76 3.24 0.00	58.93 3.36 0.00	65.30 3.47 0.00	60.18 3.13 0.00	60.08 3.89 0.00	57.44 4.23 0.00	70.41 5.33 0.00	66.77 5.53 0.00	72.22 6.52 0.00	92.48 8.93 0.00	196.46 20.13 0.00	642.55 69.51 0.00	1134.90 93.31 -317.99	843.48 79.36 -111.10	1910.55 167.62 -391.77	2117.78 171.05 -555.77	1534.24 113.08 -486.33	621.29 60.83 -21.62	293.73 28.33 -8.03	203.57 15.03 -28.66	106.69 8.64 0.00
RAVENSWOOD_GT2_2 24245	69.02 3.96 0.00	71.30 3.79 0.00	67.94 3.77 0.00	59.76 3.24 0.00	58.93 3.36 0.00	65.30 3.47 0.00	60.18 3.13 0.00	60.08 3.89 0.00	57.44 4.23 0.00	70.41 5.33 0.00	66.77 5.53 0.00	72.22 6.52 0.00	92.48 8.93 0.00	196.46 20.13 0.00	642.55 69.51 0.00	1134.90 93.31 -317.99	843.48 79.36 -111.10	1910.55 167.62 -391.77	2117.78 171.05 -555.77	1534.24 113.08 -486.33	621.29 60.83 -21.62	293.73 28.33 -8.03	203.57 15.03 -28.66	106.69 8.64 0.00



RAVENSWOOD_GT2_3 24246	69.08 4.02 0.00	71.36 3.84 0.00	68.00 3.83 0.00	59.80 3.28 0.00	58.97 3.40 0.00	65.34 3.51 0.00	60.23 3.18 0.00	60.13 3.94 0.00	57.48 4.27 0.00	70.47 5.39 0.00	66.83 5.59 0.00	72.29 6.58 0.00	92.57 9.01 0.00	196.70 20.37 0.00	643.12 70.09 0.00	1135.62 94.03 -317.99	844.04 79.93 -111.10	1911.54 168.61 -391.77	2118.86 172.14 -555.77	1535.09 113.93 -486.33	621.77 61.30 -21.62	293.99 28.59 -8.03	203.70 15.16 -28.66	106.76 8.71 0.00
RAVENSWOOD_GT2_4 24247	69.08 4.02 0.00	71.36 3.84 0.00	68.00 3.83 0.00	59.80 3.28 0.00	58.97 3.40 0.00	65.34 3.51 0.00	60.23 3.18 0.00	60.13 3.94 0.00	57.48 4.27 0.00	70.47 5.39 0.00	66.83 5.59 0.00	72.29 6.58 0.00	92.57 9.01 0.00	196.70 20.37 0.00	643.12 70.09 0.00	1135.62 94.03 -317.99	844.04 79.93 -111.10	1911.54 168.61 -391.77	2118.86 172.14 -555.77	1535.09 113.93 -486.33	621.77 61.30 -21.62	293.99 28.59 -8.03	203.70 15.16 -28.66	106.76 8.71 0.00
RAVENSWOOD_GT3_1 24248	69.03 3.97 0.00	71.30 3.79 0.00	67.94 3.77 0.00	59.76 3.24 0.00	58.93 3.36 0.00	65.30 3.47 0.00	60.18 3.13 0.00	60.08 3.89 0.00	57.44 4.23 0.00	70.41 5.33 0.00	66.78 5.54 0.00	72.22 6.52 0.00	92.48 8.93 0.00	196.52 20.19 0.00	642.55 69.51 0.00	1134.90 93.31 -317.99	843.54 79.42 -111.10	1910.78 167.86 -391.77	2117.87 171.14 -555.77	1534.24 113.08 -486.33	621.29 60.83 -21.62	293.73 28.33 -8.03	203.57 15.03 -28.66	106.69 8.65 0.00
RAVENSWOOD_GT3_2 24249	69.03 3.97 0.00	71.30 3.79 0.00	67.94 3.77 0.00	59.76 3.24 0.00	58.93 3.36 0.00	65.30 3.47 0.00	60.18 3.13 0.00	60.08 3.89 0.00	57.44 4.23 0.00	70.41 5.33 0.00	66.78 5.54 0.00	72.22 6.52 0.00	92.48 8.93 0.00	196.52 20.19 0.00	642.55 69.51 0.00	1134.90 93.31 -317.99	843.54 79.42 -111.10	1910.78 167.86 -391.77	2117.87 171.14 -555.77	1534.24 113.08 -486.33	621.29 60.83 -21.62	293.73 28.33 -8.03	203.57 15.03 -28.66	106.69 8.65 0.00
RAVENSWOOD_GT3_3 24250	69.18 4.12 0.00	71.48 3.96 0.00	68.10 3.93 0.00	59.89 3.37 0.00	59.05 3.49 0.00	65.45 3.62 0.00	60.32 3.27 0.00	60.24 4.05 0.00	57.60 4.38 0.00	70.61 5.53 0.00	66.98 5.74 0.00	72.44 6.73 0.00	92.76 9.20 0.00	197.11 20.77 0.00	644.64 71.60 0.00	1137.33 95.73 -317.99	845.56 81.44 -111.10	1914.89 171.96 -391.77	2122.12 175.39 -555.77	1537.04 115.88 -486.33	623.05 62.59 -21.62	294.55 29.15 -8.03	204.02 15.48 -28.66	106.96 8.91 0.00
RAVENSWOOD_GT3_4 24251	69.18 4.12 0.00	71.48 3.96 0.00	68.10 3.93 0.00	59.89 3.37 0.00	59.05 3.49 0.00	65.45 3.62 0.00	60.32 3.27 0.00	60.24 4.05 0.00	57.60 4.38 0.00	70.61 5.53 0.00	66.98 5.74 0.00	72.44 6.73 0.00	92.76 9.20 0.00	197.11 20.77 0.00	644.64 71.60 0.00	1137.33 95.73 -317.99	845.56 81.44 -111.10	1914.89 171.96 -391.77	2122.12 175.39 -555.77	1537.04 115.88 -486.33	623.05 62.59 -21.62	294.55 29.15 -8.03	204.02 15.48 -28.66	106.96 8.91 0.00
RAVENSWOOD_GT_1 23729	68.98 3.92 0.00	71.32 3.80 0.00	68.04 3.87 0.00	59.85 3.33 0.00	59.04 3.48 0.00	65.43 3.60 0.00	60.32 3.27 0.00	60.20 4.01 0.00	57.54 4.33 0.00	70.50 5.42 0.00	67.07 5.54 -0.29	81.48 6.54 -9.24	94.51 8.93 -2.03	196.77 20.14 -0.30	645.14 69.10 -3.01	1136.84 91.91 -321.34	842.54 78.43 -111.10	1908.44 164.96 -392.33	2116.49 169.76 -555.77	1533.65 112.49 -486.33	620.89 60.43 -21.62	293.80 28.40 -8.03	203.40 14.86 -28.66	107.54 8.59 -0.89
RAVENSWOOD_GT_10 24258	69.04 3.98 0.00	71.30 3.79 0.00	67.94 3.77 0.00	59.76 3.24 0.00	58.93 3.36 0.00	65.30 3.47 0.00	60.18 3.13 0.00	60.08 3.89 0.00	57.44 4.23 0.00	70.41 5.34 0.00	66.84 5.55 -0.05	73.69 6.53 -1.45	92.81 8.94 -0.32	196.61 20.23 -0.05	643.35 69.84 -0.47	1135.68 93.56 -318.52	843.60 79.48 -111.10	1910.93 167.91 -391.86	2117.95 171.22 -555.77	1534.24 113.08 -486.33	621.48 61.02 -21.62	293.82 28.43 -8.03	203.60 15.05 -28.66	106.69 8.65 0.00
RAVENSWOOD_GT_11 24259	69.04 3.98 0.00	71.30 3.79 0.00	67.94 3.77 0.00	59.76 3.24 0.00	58.93 3.36 0.00	65.30 3.47 0.00	60.18 3.13 0.00	60.08 3.89 0.00	57.44 4.23 0.00	70.41 5.34 0.00	66.84 5.55 -0.05	73.69 6.53 -1.45	92.81 8.94 -0.32	196.61 20.23 -0.05	643.35 69.84 -0.47	1135.68 93.56 -318.52	843.60 79.48 -111.10	1910.93 167.91 -391.86	2117.95 171.22 -555.77	1534.24 113.08 -486.33	621.48 61.02 -21.62	293.82 28.43 -8.03	203.60 15.05 -28.66	106.69 8.65 0.00
RAVENSWOOD_GT_4 24252	69.06 4.00 0.00	71.33 3.82 0.00	67.94 3.77 0.00	59.76 3.24 0.00	58.93 3.36 0.00	65.31 3.48 0.00	60.18 3.13 0.00	60.10 3.91 0.00	57.44 4.23 0.00	70.43 5.35 0.00	66.73 5.58 0.09	69.38 6.57 2.89	91.92 9.00 0.63	196.50 20.26 0.10	642.18 70.09 0.94	1134.76 94.28 -316.88	844.25 80.13 -111.10	1911.86 169.11 -391.60	2119.12 172.40 -555.77	1535.17 114.01 -486.33	621.91 61.45 -21.62	293.95 28.55 -8.03	203.74 15.20 -28.66	107.44 8.71 -0.68
RAVENSWOOD_GT_5 24254	69.06 4.00 0.00	71.33 3.82 0.00	67.94 3.77 0.00	59.76 3.24 0.00	58.93 3.36 0.00	65.31 3.48 0.00	60.18 3.13 0.00	60.10 3.91 0.00	57.44 4.23 0.00	70.43 5.35 0.00	66.73 5.58 0.09	69.38 6.57 2.89	91.92 9.00 0.63	196.50 20.26 0.10	642.18 70.09 0.94	1134.76 94.28 -316.88	844.25 80.13 -111.10	1911.86 169.11 -391.60	2119.12 172.40 -555.77	1535.17 114.01 -486.33	621.91 61.45 -21.62	293.95 28.55 -8.03	203.74 15.20 -28.66	107.44 8.71 -0.68
RAVENSWOOD_GT_6 24253	69.06 4.00 0.00	71.33 3.82 0.00	67.94 3.77 0.00	59.76 3.24 0.00	58.93 3.36 0.00	65.31 3.48 0.00	60.18 3.13 0.00	60.10 3.91 0.00	57.44 4.23 0.00	70.43 5.35 0.00	66.73 5.58 0.09	69.38 6.57 2.89	91.92 9.00 0.63	196.50 20.26 0.10	642.18 70.09 0.94	1134.76 94.28 -316.88	844.25 80.13 -111.10	1911.86 169.11 -391.60	2119.12 172.40 -555.77	1535.17 114.01 -486.33	621.91 61.45 -21.62	293.95 28.55 -8.03	203.74 15.20 -28.66	107.44 8.71 -0.68
RAVENSWOOD_GT_7 24255	69.06 4.00 0.00	71.33 3.82 0.00	67.94 3.77 0.00	59.76 3.24 0.00	58.93 3.36 0.00	65.31 3.48 0.00	60.18 3.13 0.00	60.10 3.91 0.00	57.44 4.23 0.00	70.43 5.35 0.00	66.73 5.58 0.09	69.38 6.57 2.89	91.92 9.00 0.63	196.50 20.26 0.10	642.18 70.09 0.94	1134.76 94.28 -316.88	844.25 80.13 -111.10	1911.86 169.11 -391.60	2119.12 172.40 -555.77	1535.17 114.01 -486.33	621.91 61.45 -21.62	293.95 28.55 -8.03	203.74 15.20 -28.66	107.44 8.71 -0.68
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	69.04 3.98 0.00	71.30 3.79 0.00	67.94 3.77 0.00	59.76 3.24 0.00	58.93 3.36 0.00	65.30 3.47 0.00	60.18 3.13 0.00	60.08 3.89 0.00	57.44 4.23 0.00	70.41 5.34 0.00	66.84 5.55 -0.05	73.69 6.53 -1.45	92.81 8.94 -0.32	196.61 20.23 -0.05	643.35 69.84 -0.47	1135.68 93.56 -318.52	843.60 79.48 -111.10	1910.93 167.91 -391.86	2117.95 171.22 -555.77	1534.24 113.08 -486.33	621.48 61.02 -21.62	293.82 28.43 -8.03	203.60 15.05 -28.66	106.69 8.65 0.00
RAVENSWOOD_GT_9 24257	69.04 3.98 0.00	71.30 3.79 0.00	67.94 3.77 0.00	59.76 3.24 0.00	58.93 3.36 0.00	65.30 3.47 0.00	60.18 3.13 0.00	60.08 3.89 0.00	57.44 4.23 0.00	70.41 5.34 0.00	66.84 5.55 -0.05	73.69 6.53 -1.45	92.81 8.94 -0.32	196.61 20.23 -0.05	643.35 69.84 -0.47	1135.68 93.56 -318.52	843.60 79.48 -111.10	1910.93 167.91 -391.86	2117.95 171.22 -555.77	1534.24 113.08 -486.33	621.48 61.02 -21.62	293.82 28.43 -8.03	203.60 15.05 -28.66	106.69 8.65 0.00



RAVENSWOOD___1 23533	68.94 3.88 0.00	71.28 3.77 0.00	67.98 3.81 0.00	59.82 3.30 0.00	58.99 3.43 0.00	65.37 3.54 0.00	60.26 3.21 0.00	60.14 3.95 0.00	57.49 4.27 0.00	70.42 5.34 0.00	66.95 5.49 -0.22	79.18 6.47 -7.01	93.93 8.83 -1.54	196.56 20.00 -0.23	643.54 68.23 -2.28	1135.36 91.26 -320.50	841.92 77.80 -111.10	1906.60 163.25 -392.19	2115.38 168.66 -555.77	1532.75 111.59 -486.33	620.44 59.98 -21.62	293.54 28.14 -8.03	203.24 14.70 -28.66	106.54 8.50 0.00
RAVENSWOOD___2 23534	68.93 3.87 0.00	71.23 3.72 0.00	67.94 3.76 0.00	59.78 3.26 0.00	58.96 3.39 0.00	65.30 3.47 0.00	60.15 3.10 0.00	60.00 3.81 0.00	57.33 4.11 0.00	70.02 4.94 0.00	66.40 4.94 -0.21	78.51 5.86 -6.95	93.15 8.07 -1.52	194.92 18.36 -0.23	638.33 63.04 -2.26	1128.40 84.32 -320.48	835.96 71.84 -111.10	1894.11 150.77 -392.19	2103.55 156.82 -555.77	1524.68 103.53 -486.33	615.98 55.52 -21.62	291.70 26.30 -8.03	202.09 13.55 -28.66	105.81 7.76 0.00
RAVENSWOOD___3 23535	69.04 3.98 0.00	71.30 3.78 0.00	67.93 3.75 0.00	59.76 3.25 0.00	58.93 3.37 0.00	65.30 3.46 0.00	60.18 3.13 0.00	60.08 3.89 0.00	57.44 4.23 0.00	70.41 5.34 0.00	66.80 5.55 0.00	72.22 6.52 0.00	92.47 8.91 0.00	196.47 20.14 0.00	642.46 69.42 0.00	1134.95 93.36 -317.99	843.37 79.25 -111.10	1910.20 167.27 -391.77	2117.82 171.09 -555.77	1534.19 113.03 -486.33	621.37 60.90 -21.62	293.82 28.42 -8.03	203.56 15.02 -28.66	106.69 8.65 0.00
RAVENSWOOD___4 23820	68.93 3.87 0.00	71.23 3.72 0.00	67.94 3.76 0.00	59.78 3.26 0.00	58.96 3.39 0.00	65.31 3.48 0.00	60.23 3.18 0.00	60.09 3.90 0.00	57.44 4.22 0.00	70.36 5.28 0.00	66.82 5.44 -0.15	76.86 6.41 -4.74	93.36 8.76 -1.04	196.33 19.84 -0.16	642.50 67.92 -1.54	1133.97 90.72 -319.66	841.32 77.20 -111.10	1905.35 162.14 -392.06	2114.16 167.43 -555.77	1531.93 110.77 -486.33	619.91 59.44 -21.62	293.29 27.90 -8.03	203.09 14.55 -28.66	105.58 8.41 0.88
RCPL_TRUST___DRP 24196	69.17 4.12 0.00	71.45 3.93 0.00	68.05 3.88 0.00	59.85 3.34 0.00	59.03 3.46 0.00	65.40 3.57 0.00	60.28 3.23 0.00	60.21 4.02 0.00	57.55 4.34 0.00	70.62 5.54 0.00	67.04 5.79 0.00	72.50 6.79 0.00	92.83 9.28 0.00	197.17 20.84 0.00	644.64 71.60 0.00	1137.85 96.30 -317.95	846.03 81.93 -111.08	1916.94 174.06 -391.72	2123.77 177.12 -555.69	1538.41 117.32 -486.27	623.68 63.22 -21.62	294.79 29.40 -8.03	203.95 15.41 -28.66	106.93 8.89 0.00
RED___ROCHESTER 323720	66.71 1.65 0.00	68.63 1.11 0.00	64.65 0.48 0.00	57.09 0.58 0.00	55.93 0.36 0.00	62.67 0.84 0.00	57.87 0.82 0.00	56.93 0.74 0.00	54.42 1.21 0.00	67.63 2.55 0.00	64.64 3.40 0.00	69.87 4.16 0.00	89.76 6.21 0.00	187.93 11.60 0.00	607.14 34.10 0.00	758.06 34.43 -0.03	678.50 25.26 -0.22	1386.96 35.76 -0.05	1405.77 14.45 -0.35	954.26 19.43 0.00	555.47 16.62 0.00	266.22 8.85 0.00	163.78 3.90 0.00	103.33 5.28 0.00
REGAN___SOLAR 323812	69.78 4.72 0.00	72.21 4.70 0.00	68.64 4.47 0.00	60.33 3.82 0.00	59.36 3.79 0.00	66.20 4.37 0.00	60.75 3.70 0.00	58.86 2.67 0.00	54.71 1.50 0.00	66.42 1.34 0.00	62.51 1.27 0.00	67.07 1.36 0.00	85.26 1.71 0.00	180.47 4.14 0.00	591.08 18.05 0.00	746.37 22.77 0.00	673.10 20.08 0.00	1414.56 57.98 -5.42	2311.87 85.54 -835.36	1851.97 77.09 -840.06	678.44 51.83 -87.76	314.79 24.83 -32.59	287.18 14.51 -112.79	106.66 8.61 0.00
RENSSELAER___COGEN 23796	66.02 0.97 0.00	68.09 0.58 0.00	64.81 0.64 0.00	57.24 0.73 0.00	56.36 0.79 0.00	62.43 0.60 0.00	57.65 0.60 0.00	57.00 0.81 0.00	53.92 0.70 0.00	65.87 0.79 0.00	62.29 1.05 0.00	67.09 1.39 0.00	85.52 1.97 0.00	180.56 4.23 0.00	586.99 13.95 0.00	743.11 19.51 0.00	670.02 17.00 0.00	1400.50 45.90 -3.45	1550.89 52.48 -107.45	1499.26 32.15 -532.28	610.54 15.87 -55.82	285.83 7.73 -20.73	200.78 4.48 -36.42	100.51 2.46 0.00
REPUBLIC_115KV_BARTNBRK 55605	71.82 6.76 0.00	74.02 6.51 0.00	70.25 6.08 0.00	62.01 5.50 0.00	62.78 7.22 0.00	70.25 8.42 0.00	64.28 7.23 0.00	63.32 7.14 0.00	59.51 6.29 0.00	72.94 7.86 0.00	69.61 8.36 0.00	75.22 9.51 0.00	96.26 12.70 0.00	204.32 27.99 0.00	655.96 82.93 0.00	835.17 111.58 0.00	745.02 92.00 0.00	1580.38 223.72 -5.50	2502.99 224.43 -887.60	1940.73 154.21 -851.69	711.68 83.83 -89.00	332.21 41.79 -33.05	303.09 25.39 -117.81	112.37 14.32 0.00
REVERE_CPPR_DRP 24186	67.25 2.19 0.00	69.45 1.94 0.00	65.78 1.61 0.00	57.88 1.37 0.00	56.88 1.31 0.00	63.42 1.59 0.00	58.74 1.69 0.00	57.97 1.78 0.00	54.96 1.74 0.00	67.37 2.29 0.00	63.51 2.26 0.00	68.36 2.65 0.00	77.89 3.60 9.27	227.17 7.74 -43.10	799.94 25.78 -201.12	1033.90 34.91 -275.39	839.28 29.78 -156.47	1719.10 62.34 -305.60	1696.22 60.05 -245.20	1152.19 51.76 -165.60	618.71 32.45 -47.41	279.76 16.15 -6.25	168.82 8.94 0.00	103.27 5.22 0.00
REYNLDPA_13_KV_LD 356490	64.40 -0.66 0.00	67.39 -0.13 0.00	64.06 -0.11 0.00	56.40 -0.12 0.00	55.35 -0.21 0.00	61.79 -0.04 0.00	57.10 0.05 0.00	55.93 -0.26 0.00	52.79 -0.43 0.00	64.21 -0.87 0.00	59.85 -1.39 0.00	63.71 -1.99 -11.19	91.39 -3.36 72.76	96.25 -7.32 264.23	280.07 -28.74 364.37	322.84 -36.38 364.37	348.46 -29.06 275.51	754.38 -60.52 536.25	1114.72 -57.33 218.91	857.04 -38.12 39.67	500.65 -21.19 17.00	244.07 -10.93 2.37	154.19 -5.69 0.00	94.08 -3.96 0.00
REYNOLDS_115KV_TB3 80639	66.73 1.67 0.00	68.78 1.26 0.00	65.49 1.32 0.00	57.79 1.28 0.00	56.91 1.35 0.00	63.11 1.28 0.00	58.20 1.15 0.00	57.62 1.43 0.00	54.55 1.33 0.00	66.62 1.54 0.00	63.05 1.80 0.00	67.92 2.21 0.00	86.61 3.06 0.00	182.84 6.51 0.00	593.93 20.89 0.00	770.67 27.54 -19.54	684.52 24.67 -6.83	1441.12 62.27 -27.70	2272.01 70.20 -810.85	1568.69 43.51 -590.35	621.19 22.30 -60.05	290.48 10.82 -22.30	262.22 6.55 -95.79	101.62 3.57 0.00
RIVERBAY____ 323610	72.60 7.54 0.00	74.85 7.33 0.00	71.42 7.25 0.00	62.58 6.06 0.00	61.76 6.20 0.00	68.37 6.54 0.00	63.08 6.03 0.00	62.83 6.64 0.00	60.08 6.86 0.00	73.72 8.64 0.00	69.96 8.69 -0.03	76.89 10.12 -1.07	97.31 13.52 -0.23	205.07 28.70 -0.04	674.05 100.67 -0.35	1170.33 128.35 -318.39	872.76 108.64 -111.10	1976.39 233.39 -391.84	2188.21 241.48 -555.77	1580.07 158.91 -486.33	644.57 84.11 -21.62	304.58 39.18 -8.03	210.09 21.55 -28.66	110.89 12.84 0.00
RIVERSDE_115KV_TB3 55908	66.58 1.53 0.00	68.64 1.13 0.00	65.34 1.16 0.00	57.69 1.17 0.00	56.79 1.23 0.00	62.95 1.12 0.00	58.11 1.06 0.00	57.51 1.32 0.00	54.44 1.22 0.00	66.50 1.42 0.00	62.93 1.69 0.00	67.80 2.10 0.00	86.47 2.92 0.00	182.55 6.22 0.00	593.18 20.14 0.00	765.43 27.03 -14.80	682.20 24.01 -5.17	1433.57 60.49 -21.93	2120.87 67.70 -662.20	1568.76 41.94 -592.00	620.90 21.39 -60.66	290.25 10.35 -22.52	250.07 6.17 -84.02	101.45 3.40 0.00
ROARING___BROOK_WT_PWR 323790	63.62 -1.44 0.00	66.33 -1.18 0.00	63.20 -0.97 0.00	55.58 -0.94 0.00	54.53 -1.04 0.00	60.80 -1.03 0.00	56.30 -0.76 0.00	55.54 -0.64 0.00	52.66 -0.56 0.00	64.28 -0.80 0.00	60.29 -0.95 0.00	64.59 -1.12 0.00	67.08 -1.91 14.56	-9.93 -4.37 181.89	-30.00 -12.09 590.94	-30.00 -14.18 739.42	-30.00 -15.22 667.80	20.11 -32.45 1298.60	954.34 -29.12 407.50	922.31 -18.15 -5.64	528.33 -10.77 -0.25	252.93 -4.43 0.00	157.15 -2.73 0.00	96.06 -1.99 0.00



ROCHESRG_115KV_T4 355643	65.51 0.45 0.00	67.43 -0.09 0.00	63.52 -0.65 0.00	56.17 -0.34 0.00	55.04 -0.53 0.00	61.63 -0.19 0.00	56.92 -0.13 0.00	55.94 -0.25 0.00	53.41 0.19 0.00	66.27 1.19 0.00	63.27 2.03 0.00	68.28 2.58 0.00	87.61 4.06 0.00	183.47 7.14 0.00	593.36 20.33 0.00	739.98 16.36 -0.03	662.04 8.84 -0.18	1353.24 2.04 -0.04	1372.46 -18.55 -0.05	931.47 -3.35 0.00	542.76 3.91 0.00	260.52 3.15 0.00	160.45 0.57 0.00	101.33 3.28 0.00
ROCHESTER_9_IC 23652	66.13 1.07 0.00	68.03 0.52 0.00	64.08 -0.09 0.00	56.64 0.13 0.00	55.50 -0.06 0.00	62.17 0.34 0.00	57.42 0.36 0.00	56.45 0.26 0.00	53.92 0.71 0.00	66.97 1.89 0.00	63.98 2.74 0.00	69.09 3.38 0.00	88.69 5.14 0.00	185.70 9.37 0.00	600.38 27.35 0.00	748.89 25.27 -0.03	669.96 16.73 -0.22	1369.46 18.26 -0.05	1389.71 -1.61 -0.35	943.20 8.37 0.00	549.23 10.38 0.00	263.49 6.12 0.00	162.20 2.32 0.00	102.38 4.33 0.00
ROCKVIEW_13_KV_LD 356306	69.40 4.34 0.00	71.62 4.10 0.00	68.15 3.98 0.00	59.95 3.44 0.00	59.10 3.54 0.00	65.51 3.68 0.00	60.41 3.35 0.00	60.29 4.11 0.00	57.54 4.32 0.00	70.55 5.48 0.00	67.06 5.81 0.00	72.55 6.84 0.00	92.91 9.35 0.00	197.35 21.02 0.00	644.70 71.67 0.00	1137.56 95.98 -317.98	846.85 82.74 -111.09	1918.89 175.94 -391.79	2126.00 179.29 -555.75	1539.49 118.35 -486.32	624.11 63.65 -21.62	295.04 29.64 -8.03	204.60 16.06 -28.66	107.34 9.29 0.00
ROME____115KV_TB2 80656	67.25 2.19 0.00	69.45 1.94 0.00	65.78 1.61 0.00	57.88 1.37 0.00	56.88 1.31 0.00	63.42 1.59 0.00	58.74 1.69 0.00	57.97 1.78 0.00	54.96 1.74 0.00	67.37 2.29 0.00	63.51 2.26 0.00	68.36 2.65 0.00	77.89 3.60 9.27	227.17 7.74 -43.10	799.94 25.78 -201.12	1033.90 34.91 -275.39	839.28 29.78 -156.47	1719.10 62.34 -305.60	1696.22 60.05 -245.20	1152.19 51.76 -165.60	618.71 32.45 -47.41	279.76 16.15 -6.25	168.82 8.94 0.00	103.27 5.22 0.00
ROSETON___1 23587	68.06 3.00 0.00	70.27 2.76 0.00	66.86 2.69 0.00	58.87 2.35 0.00	58.00 2.43 0.00	64.31 2.48 0.00	59.28 2.23 0.00	58.99 2.80 0.00	56.12 2.91 0.00	68.79 3.71 0.00	65.37 4.13 0.00	70.64 4.93 0.00	90.28 6.72 0.00	191.33 15.00 0.00	624.26 51.23 0.00	1057.79 69.03 -265.17	805.37 59.70 -92.64	1806.19 128.13 -326.90	2016.23 131.13 -494.14	1458.31 86.03 -437.46	606.47 46.20 -21.41	287.02 21.70 -7.95	199.99 11.90 -28.21	104.95 6.90 0.00
ROSETON___2 23588	68.06 3.00 0.00	70.27 2.76 0.00	66.86 2.69 0.00	58.87 2.35 0.00	58.00 2.43 0.00	64.31 2.48 0.00	59.28 2.23 0.00	58.99 2.80 0.00	56.12 2.91 0.00	68.79 3.71 0.00	65.37 4.13 0.00	70.64 4.93 0.00	90.28 6.72 0.00	191.33 15.00 0.00	624.26 51.23 0.00	1057.79 69.03 -265.17	805.37 59.70 -92.64	1806.19 128.13 -326.90	2016.23 131.13 -494.14	1458.31 86.03 -437.46	606.47 46.20 -21.41	287.02 21.70 -7.95	199.99 11.90 -28.21	104.95 6.90 0.00
ROTRRDAM_115KV_TB3 80664	67.24 2.18 0.00	69.56 2.04 0.00	66.19 2.02 0.00	58.28 1.77 0.00	57.40 1.83 0.00	63.81 1.98 0.00	58.82 1.77 0.00	58.06 1.87 0.00	54.88 1.66 0.00	67.08 2.01 0.00	63.43 2.18 0.00	68.28 2.58 0.00	87.01 3.46 0.00	183.79 7.45 0.00	597.54 24.51 0.00	755.68 32.08 0.00	681.59 28.56 0.00	1424.83 67.76 -5.90	2375.90 74.83 -910.10	1899.67 50.11 -914.73	662.37 27.97 -95.55	306.31 13.46 -35.48	290.68 7.98 -122.82	102.62 4.58 0.00
RUSSELL___1 23602	66.72 1.66 0.00	68.61 1.10 0.00	64.61 0.44 0.00	57.09 0.58 0.00	55.93 0.36 0.00	62.66 0.83 0.00	57.88 0.83 0.00	56.93 0.74 0.00	54.42 1.21 0.00	67.63 2.55 0.00	64.66 3.41 0.00	69.86 4.15 0.00	89.75 6.20 0.00	187.93 11.60 0.00	607.40 34.37 0.00	757.28 33.65 -0.03	677.64 24.41 -0.22	1385.28 34.07 -0.05	1406.14 14.83 -0.35	954.31 19.48 0.00	555.25 16.40 0.00	266.23 8.86 0.00	163.79 3.91 0.00	103.33 5.28 0.00
RUSSELL___2 23532	66.72 1.66 0.00	68.61 1.10 0.00	64.61 0.44 0.00	57.09 0.58 0.00	55.93 0.36 0.00	62.66 0.83 0.00	57.88 0.83 0.00	56.93 0.74 0.00	54.42 1.21 0.00	67.63 2.55 0.00	64.66 3.41 0.00	69.86 4.15 0.00	89.75 6.20 0.00	187.93 11.60 0.00	607.40 34.37 0.00	757.28 33.65 -0.03	677.64 24.41 -0.22	1385.28 34.07 -0.05	1406.14 14.83 -0.35	954.31 19.48 0.00	555.25 16.40 0.00	266.23 8.86 0.00	163.79 3.91 0.00	103.33 5.28 0.00
RUSSELL___3 23549	66.72 1.66 0.00	68.61 1.10 0.00	64.61 0.44 0.00	57.09 0.58 0.00	55.93 0.36 0.00	62.66 0.83 0.00	57.88 0.83 0.00	56.93 0.74 0.00	54.42 1.21 0.00	67.63 2.55 0.00	64.66 3.41 0.00	69.86 4.15 0.00	89.75 6.20 0.00	187.93 11.60 0.00	607.40 34.37 0.00	757.28 33.65 -0.03	677.64 24.41 -0.22	1385.28 34.07 -0.05	1406.14 14.83 -0.35	954.31 19.48 0.00	555.25 16.40 0.00	266.23 8.86 0.00	163.79 3.91 0.00	103.33 5.28 0.00
RUSSELL___4 23556	66.72 1.66 0.00	68.61 1.10 0.00	64.61 0.44 0.00	57.09 0.58 0.00	55.93 0.36 0.00	62.66 0.83 0.00	57.88 0.83 0.00	56.93 0.74 0.00	54.42 1.21 0.00	67.63 2.55 0.00	64.66 3.41 0.00	69.86 4.15 0.00	89.75 6.20 0.00	187.93 11.60 0.00	607.40 34.37 0.00	757.28 33.65 -0.03	677.64 24.41 -0.22	1385.28 34.07 -0.05	1406.14 14.83 -0.35	954.31 19.48 0.00	555.25 16.40 0.00	266.23 8.86 0.00	163.79 3.91 0.00	103.33 5.28 0.00
RUSSELL___STATION 23914	66.72 1.66 0.00	68.61 1.10 0.00	64.61 0.44 0.00	57.09 0.58 0.00	55.93 0.36 0.00	62.66 0.83 0.00	57.88 0.83 0.00	56.93 0.74 0.00	54.42 1.21 0.00	67.63 2.55 0.00	64.66 3.41 0.00	69.86 4.15 0.00	89.75 6.20 0.00	187.93 11.60 0.00	607.40 34.37 0.00	757.28 33.65 -0.03	677.64 24.41 -0.22	1385.28 34.07 -0.05	1406.14 14.83 -0.35	954.31 19.48 0.00	555.25 16.40 0.00	266.23 8.86 0.00	163.79 3.91 0.00	103.33 5.28 0.00
S SALMON___HYD 24043	63.89 -1.17 0.00	65.99 -1.53 0.00	62.53 -1.64 0.00	55.03 -1.48 0.00	54.03 -1.54 0.00	60.24 -1.60 0.00	55.75 -1.31 0.00	54.97 -1.22 0.00	52.16 -1.05 0.00	63.90 -1.18 0.00	60.15 -1.10 0.00	64.68 -1.02 0.00	71.72 -1.48 10.35	143.10 -4.06 29.17	399.17 -12.32 161.54	489.40 -18.24 215.96	519.70 -18.59 114.73	1088.20 -38.71 224.24	1142.48 -38.57 209.91	736.96 -16.98 180.89	491.00 -5.31 42.54	250.08 -1.91 5.38	159.60 -0.28 0.00	98.02 -0.03 0.00
S.PERRY__115KV_TB1 80734	65.93 0.88 0.00	67.69 0.17 0.00	63.46 -0.71 0.00	56.00 -0.52 0.00	54.78 -0.78 0.00	61.35 -0.47 0.00	56.96 -0.09 0.00	55.76 -0.43 0.00	52.86 -0.36 0.00	65.49 0.41 0.00	62.54 1.30 0.00	67.54 1.83 0.00	84.73 1.17 0.00	175.29 -2.53 -1.49	595.34 -7.41 -29.72	989.45 -24.66 -290.51	868.67 -28.20 -243.85	1988.09 -73.54 -710.48	1943.06 -89.27 -641.36	1043.60 -35.03 -143.80	540.52 -2.29 -3.96	257.14 -1.70 -1.47	163.53 -1.27 -4.92	103.97 5.92 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	64.06 -1.00 0.00	65.91 -1.61 0.00	61.85 -2.32 0.00	54.88 -1.64 0.00	53.63 -1.94 0.00	60.24 -1.59 0.00	55.61 -1.45 0.00	54.43 -1.76 0.00	52.16 -1.06 0.00	65.13 0.06 0.00	62.49 1.24 0.00	67.45 1.75 0.00	86.91 3.35 0.00	180.73 4.76 0.36	577.52 11.65 7.16	655.13 1.65 70.12	587.78 -6.22 59.02	1143.62 -36.40 171.14	1201.18 -73.26 116.53	905.06 -37.31 -7.55	528.96 -13.45 -3.57	255.48 -3.21 -1.32	160.30 -4.01 -4.42	100.51 2.46 0.00



SAWYER___23_KV_LOAD 55526	64.06 -1.00 0.00	65.91 -1.61 0.00	61.85 -2.32 0.00	54.88 -1.64 0.00	53.63 -1.94 0.00	60.24 -1.59 0.00	55.61 -1.45 0.00	54.43 -1.76 0.00	52.16 -1.06 0.00	65.13 0.06 0.00	62.49 1.24 0.00	67.45 1.75 0.00	86.91 3.35 0.00	180.73 4.76 0.36	577.52 11.65 7.16	655.13 1.65 70.12	587.78 -6.22 59.02	1143.62 -36.40 171.14	1201.18 -73.26 116.53	905.06 -37.31 -7.55	528.96 -13.45 -3.57	255.48 -3.21 -1.32	160.30 -4.01 -4.42	100.51 2.46 0.00
SELKIRK___I 23801	65.29 0.23 0.00	67.52 0.00 0.00	64.33 0.16 0.00	56.76 0.24 0.00	55.89 0.33 0.00	62.00 0.17 0.00	57.11 0.06 0.00	56.19 0.00 0.00	53.01 -0.21 0.00	64.66 -0.42 0.00	40.58 -0.16 20.50	65.69 -0.01 0.00	83.66 0.10 0.00	176.58 0.25 0.00	573.91 0.88 0.00	725.81 2.21 0.00	654.87 1.85 0.00	1367.88 13.89 -2.83	1624.48 22.34 -211.18	1384.61 14.70 -435.08	591.81 7.24 -45.72	278.08 3.73 -16.98	202.60 2.38 -40.33	99.25 1.21 0.00
SELKIRK___II 23799	65.78 0.72 0.00	67.96 0.44 0.00	64.73 0.56 0.00	57.11 0.59 0.00	56.22 0.66 0.00	62.35 0.52 0.00	57.49 0.43 0.00	56.77 0.58 0.00	53.70 0.49 0.00	65.61 0.53 0.00	-12.19 0.79 74.23	66.79 1.08 0.00	85.08 1.53 0.00	179.69 3.36 0.00	584.26 11.23 0.00	739.46 15.86 0.00	666.37 13.35 0.00	1390.64 36.51 -2.96	1633.53 42.31 -200.26	1416.87 25.53 -456.51	599.42 12.62 -47.95	281.40 6.22 -17.81	203.95 3.59 -40.49	100.02 1.97 0.00
SENECA OSWGO___HYD 24041	64.17 -0.88 0.00	66.34 -1.17 0.00	62.87 -1.30 0.00	55.36 -1.15 0.00	54.39 -1.17 0.00	60.56 -1.28 0.00	55.90 -1.15 0.00	55.10 -1.09 0.00	52.26 -0.95 0.00	64.21 -0.87 0.00	60.72 -0.52 0.00	65.38 -0.33 0.00	82.73 -0.13 0.70	175.76 -0.61 -0.04	534.66 -3.08 35.30	670.05 -7.16 46.39	620.31 -7.94 24.78	1279.65 -23.08 48.43	1315.75 -29.14 46.07	874.82 -18.36 41.65	520.92 -8.62 9.30	252.38 -3.83 1.16	157.69 -2.19 0.00	97.29 -0.76 0.00
SENECA___115KV_TB3 355854	64.61 -0.45 0.00	66.46 -1.05 0.00	62.31 -1.86 0.00	55.23 -1.28 0.00	53.97 -1.60 0.00	60.60 -1.24 0.00	56.01 -1.04 0.00	54.92 -1.27 0.00	52.63 -0.59 0.00	65.78 0.71 0.00	63.08 1.84 0.00	68.13 2.43 0.00	87.84 4.28 0.00	182.65 6.74 0.43	583.09 18.54 8.49	652.28 11.82 83.14	585.95 2.73 69.80	1133.70 -14.48 202.97	1198.71 -50.88 141.37	916.94 -22.50 -4.62	536.82 -5.79 -3.77	259.50 0.73 -1.40	162.78 -1.78 -4.67	101.58 3.53 0.00
SENECA___ENERGY 23797	65.67 0.61 0.00	67.76 0.25 0.00	63.90 -0.27 0.00	56.24 -0.28 0.00	55.28 -0.28 0.00	61.84 0.01 0.00	57.06 0.00 0.00	56.32 0.13 0.00	53.60 0.39 0.00	66.20 1.12 0.00	62.97 1.73 0.00	67.89 2.18 0.00	85.69 3.14 1.00	185.20 6.08 -2.78	592.58 18.22 -1.33	763.03 20.10 -19.34	682.86 13.58 -16.26	1419.82 21.14 -47.52	1463.16 8.30 -63.90	976.24 11.67 -29.73	551.97 10.44 -2.68	264.53 6.10 -1.07	165.97 2.53 -3.56	100.67 2.62 0.00
SHOEMAKER___GT 23640	68.07 3.01 0.00	70.29 2.77 0.00	66.81 2.64 0.00	58.81 2.29 0.00	57.88 2.32 0.00	64.21 2.38 0.00	59.22 2.17 0.00	58.84 2.65 0.00	55.92 2.70 0.00	68.48 3.40 0.00	65.02 3.78 0.00	70.21 4.50 0.00	89.70 6.15 0.00	190.15 13.81 0.00	620.35 47.31 0.00	1038.14 64.32 -250.22	796.67 56.23 -87.42	1781.25 121.65 -308.45	1977.89 125.63 -461.30	1427.15 83.87 -408.45	604.15 45.56 -19.74	286.10 21.40 -7.33	197.48 11.64 -25.96	104.86 6.81 0.00
SHOEMAKR_138KV_BK 111 55601	68.01 2.95 0.00	70.25 2.73 0.00	66.78 2.61 0.00	58.76 2.25 0.00	57.85 2.28 0.00	64.18 2.35 0.00	59.17 2.12 0.00	58.81 2.63 0.00	55.92 2.70 0.00	68.51 3.43 0.00	65.05 3.80 0.00	70.25 4.54 0.00	89.81 6.25 0.00	190.39 14.06 0.00	621.21 48.18 0.00	1035.25 65.24 -246.41	795.90 56.79 -86.09	1777.26 122.35 -303.75	1972.41 125.71 -455.74	1422.28 83.67 -403.78	603.69 45.23 -19.61	285.85 21.20 -7.28	197.19 11.54 -25.77	104.79 6.74 0.00
SHOREHAM_IC_1 23715	68.92 4.43 0.57	69.91 3.72 1.33	67.78 3.61 0.00	60.46 3.95 0.00	59.92 4.36 0.00	66.24 4.41 0.00	61.03 3.98 0.00	61.27 4.89 -0.19	57.88 4.66 0.00	68.00 4.40 1.48	67.88 5.61 -1.03	92.18 7.22 -19.25	162.54 9.52 -69.46	301.39 21.06 -104.00	650.73 69.26 -8.44	1180.91 89.39 -367.92	989.24 64.74 -271.48	3486.89 122.56 -2013.17	4127.18 128.42 -2607.80	1721.47 93.06 -693.57	617.34 40.63 -37.86	278.83 16.82 -4.63	208.02 11.14 -37.00	112.84 8.74 -6.05
SHOREHAM_IC_2 23716	69.03 4.54 0.57	70.00 3.81 1.33	67.87 3.70 0.00	60.46 3.95 0.00	59.91 4.35 0.00	66.25 4.42 0.00	61.03 3.98 0.00	61.32 4.94 -0.19	57.88 4.66 0.00	67.99 4.39 1.48	67.91 5.64 -1.03	92.18 7.22 -19.25	162.60 9.58 -69.46	301.58 21.25 -104.00	650.11 68.64 -8.44	1180.83 89.32 -367.92	989.04 64.54 -271.48	3485.73 121.41 -2013.17	4127.35 128.59 -2607.80	1721.58 93.17 -693.57	617.42 40.71 -37.86	278.75 16.74 -4.63	208.10 11.21 -37.00	112.84 8.74 -6.05
SISSONVILLE____ 23735	63.97 -1.09 0.00	66.66 -0.86 0.00	63.29 -0.88 0.00	55.69 -0.83 0.00	54.63 -0.94 0.00	61.05 -0.79 0.00	56.50 -0.55 0.00	55.23 -0.95 0.00	51.96 -1.26 0.00	62.93 -2.15 0.00	58.43 -2.82 0.00	61.34 -4.36 0.00	-54.88 -7.14 131.29	42.59 -16.32 117.42	87.33 -52.81 432.90	120.15 -63.75 539.69	250.46 -52.01 350.55	569.81 -97.89 683.45	809.02 -97.90 484.04	401.21 -65.47 468.15	430.78 -34.20 73.87	234.17 -14.91 8.29	153.87 -6.01 0.00	93.00 -5.05 0.00
SITHE_IND_GS1 24169	63.45 -1.61 0.00	65.63 -1.89 0.00	62.22 -1.95 0.00	54.82 -1.70 0.00	53.88 -1.68 0.00	59.99 -1.84 0.00	55.34 -1.71 0.00	54.53 -1.65 0.00	51.75 -1.47 0.00	63.50 -1.58 0.00	59.98 -1.26 0.00	64.50 -1.20 0.00	71.99 -1.34 10.22	150.78 -3.14 22.40	562.47 -10.57 0.00	707.15 -16.45 0.00	636.92 -16.10 0.00	1311.73 -39.43 0.00	1344.82 -46.14 0.00	904.84 -29.99 0.00	523.60 -15.25 0.00	250.15 -7.22 0.00	155.64 -4.23 0.00	95.98 -2.07 0.00
SITHE_IND_GS2 24170	63.45 -1.61 0.00	65.63 -1.89 0.00	62.22 -1.95 0.00	54.82 -1.70 0.00	53.88 -1.68 0.00	59.99 -1.84 0.00	55.34 -1.71 0.00	54.53 -1.65 0.00	51.75 -1.47 0.00	63.50 -1.58 0.00	59.98 -1.26 0.00	64.50 -1.20 0.00	71.99 -1.34 10.22	150.78 -3.14 22.40	562.47 -10.57 0.00	707.15 -16.45 0.00	636.92 -16.10 0.00	1311.73 -39.43 0.00	1344.82 -46.14 0.00	904.84 -29.99 0.00	523.60 -15.25 0.00	250.15 -7.22 0.00	155.64 -4.23 0.00	95.98 -2.07 0.00
SITHE_IND_GS3 24171	63.45 -1.61 0.00	65.63 -1.89 0.00	62.22 -1.95 0.00	54.82 -1.70 0.00	53.88 -1.68 0.00	59.99 -1.84 0.00	55.34 -1.71 0.00	54.53 -1.65 0.00	51.75 -1.47 0.00	63.50 -1.58 0.00	59.98 -1.26 0.00	64.50 -1.20 0.00	71.99 -1.34 10.22	150.78 -3.14 22.40	562.47 -10.57 0.00	707.15 -16.45 0.00	636.92 -16.10 0.00	1311.73 -39.43 0.00	1344.82 -46.14 0.00	904.84 -29.99 0.00	523.60 -15.25 0.00	250.15 -7.22 0.00	155.64 -4.23 0.00	95.98 -2.07 0.00
SITHE_IND_GS4 24172	63.45 -1.61 0.00	65.63 -1.89 0.00	62.22 -1.95 0.00	54.82 -1.70 0.00	53.88 -1.68 0.00	59.99 -1.84 0.00	55.34 -1.71 0.00	54.53 -1.65 0.00	51.75 -1.47 0.00	63.50 -1.58 0.00	59.98 -1.26 0.00	64.50 -1.20 0.00	71.99 -1.34 10.22	150.78 -3.14 22.40	562.47 -10.57 0.00	707.15 -16.45 0.00	636.92 -16.10 0.00	1311.73 -39.43 0.00	1344.82 -46.14 0.00	904.84 -29.99 0.00	523.60 -15.25 0.00	250.15 -7.22 0.00	155.64 -4.23 0.00	95.98 -2.07 0.00



SITHE___BATAVIA 24024	66.68 1.62 0.00	68.48 0.96 0.00	64.31 0.14 0.00	56.92 0.41 0.00	55.69 0.13 0.00	62.60 0.77 0.00	57.84 0.79 0.00	56.68 0.49 0.00	54.09 0.87 0.00	67.17 2.09 0.00	64.29 3.05 0.00	68.63 2.93 0.00	87.84 4.29 0.00	183.30 7.20 0.23	588.65 20.27 4.66	692.26 14.14 45.48	623.51 7.43 36.94	1232.41 -7.64 111.11	1291.84 -33.32 65.80	942.81 -4.44 -12.42	548.52 6.55 -3.13	383.11 5.48 -120.26	500.99 3.74 -337.36	104.62 6.57 0.00
SITHE___INDEPEND 23800	63.44 -1.62 0.00	65.63 -1.89 0.00	62.22 -1.95 0.00	54.82 -1.70 0.00	53.88 -1.69 0.00	59.99 -1.85 0.00	55.33 -1.72 0.00	54.54 -1.65 0.00	51.75 -1.47 0.00	63.49 -1.59 0.00	59.99 -1.25 0.00	64.50 -1.21 0.00	71.99 -1.34 10.22	150.82 -3.11 22.40	562.34 -10.69 0.00	707.13 -16.46 0.00	636.77 -16.25 0.00	1311.72 -39.44 0.00	1344.73 -46.23 0.00	904.84 -29.99 0.00	523.59 -15.25 0.00	250.15 -7.22 0.00	155.65 -4.23 0.00	95.98 -2.06 0.00
SITHE___MASSENA 23902	64.57 -0.49 0.00	67.32 -0.20 0.00	63.97 -0.20 0.00	56.29 -0.22 0.00	55.27 -0.29 0.00	61.70 -0.13 0.00	57.00 -0.05 0.00	55.79 -0.40 0.00	52.60 -0.61 0.00	63.93 -1.14 0.00	59.45 -1.80 0.00	62.98 -2.72 0.00	-112.32 -4.63 191.24	56.39 -9.88 110.07	197.38 -32.83 342.82	288.74 -40.44 394.41	332.56 -32.10 288.37	725.28 -64.40 561.48	975.31 -61.54 354.11	465.62 -42.26 426.95	475.24 -23.05 40.56	243.06 -10.92 3.39	155.22 -4.66 0.00	94.13 -3.92 0.00
SITHE___OGDNSBRG 24021	65.89 0.83 0.00	68.63 1.12 0.00	65.14 0.97 0.00	57.31 0.79 0.00	56.25 0.68 0.00	62.85 1.02 0.00	58.06 1.01 0.00	56.35 0.16 0.00	52.70 -0.52 0.00	63.75 -1.33 0.00	59.08 -2.16 0.00	62.29 -3.42 0.00	-77.02 -5.82 154.76	48.78 -12.59 114.96	133.70 -41.42 397.91	191.17 -49.16 483.27	288.32 -38.30 326.40	662.89 -52.19 636.08	900.41 -56.98 433.58	446.68 -36.00 452.15	462.18 -15.73 60.93	243.83 -7.15 6.39	157.78 -2.10 0.00	95.41 -2.64 0.00
SITHE___STERLING 23777	66.74 1.68 0.00	68.99 1.47 0.00	65.34 1.17 0.00	57.50 0.98 0.00	56.51 0.94 0.00	62.97 1.14 0.00	58.26 1.20 0.00	57.45 1.26 0.00	54.46 1.25 0.00	66.80 1.72 0.00	63.05 1.81 0.00	67.88 2.18 0.00	80.97 3.13 5.71	211.97 6.76 -28.88	722.61 21.86 -127.71	926.55 28.88 -174.07	780.84 24.49 -103.34	1603.87 50.99 -201.72	1589.55 48.73 -149.85	1070.34 40.64 -94.87	591.94 25.55 -27.55	273.64 12.63 -3.64	166.70 6.82 0.00	102.21 4.16 0.00
SLEIGHT__34_KV_TB1 80719	65.82 0.76 0.00	67.74 0.23 0.00	63.90 -0.27 0.00	56.39 -0.13 0.00	55.33 -0.23 0.00	61.95 0.12 0.00	57.20 0.15 0.00	56.34 0.15 0.00	53.64 0.42 0.00	66.37 1.29 0.00	63.26 2.02 0.00	68.22 2.52 0.00	87.80 3.82 -0.42	184.46 7.19 -0.93	594.60 21.56 0.00	744.11 20.51 0.00	667.30 14.28 0.00	1369.53 18.37 0.00	1395.58 4.62 0.00	945.62 10.79 0.00	549.41 10.56 0.00	263.25 5.88 0.00	162.35 2.47 0.00	101.42 3.37 0.00
SMITHTWN_69_KV_BK 1 55830	69.51 4.81 0.36	70.18 3.95 1.28	67.93 3.76 0.00	60.43 3.92 0.00	59.92 4.36 0.00	66.30 4.47 0.00	61.12 4.07 0.00	61.37 4.98 -0.20	57.93 4.71 0.00	68.73 5.21 1.55	68.79 6.48 -1.07	111.19 7.92 -37.56	245.73 10.50 -151.68	511.43 23.24 -311.86	658.24 76.37 -8.83	1194.82 101.27 -369.96	1010.99 85.15 -272.83	3556.96 188.57 -2017.24	4197.11 194.08 -2612.06	1754.21 124.77 -694.61	639.91 63.00 -38.06	287.47 25.62 -4.48	217.98 14.86 -43.24	120.37 10.04 -12.29
SOUTH CAIRO___GT 23612	68.65 3.59 0.00	70.65 3.13 0.00	67.09 2.92 0.00	59.17 2.66 0.00	58.21 2.65 0.00	64.60 2.77 0.00	59.73 2.68 0.00	58.94 2.75 0.00	55.48 2.26 0.00	67.42 2.34 0.00	37.56 2.41 26.09	68.50 2.79 0.00	87.40 3.85 0.00	185.38 9.05 0.00	603.41 30.38 0.00	809.79 41.21 -44.98	706.22 37.48 -15.72	1504.12 95.02 -57.93	1733.32 113.94 -228.42	1468.84 77.72 -456.29	626.63 44.03 -43.76	294.88 21.26 -16.25	208.65 12.05 -36.72	104.94 6.89 0.00
SOUTH HAMPTN___IC 23720	69.28 4.86 0.64	70.65 4.48 1.34	68.65 4.48 0.00	61.34 4.83 0.00	60.79 5.23 0.00	67.15 5.32 0.00	61.92 4.87 0.00	62.19 5.81 -0.19	58.80 5.58 0.00	69.42 5.82 1.48	69.28 7.03 -1.01	92.33 9.06 -17.57	157.09 11.67 -61.86	287.10 25.89 -84.88	667.09 85.91 -8.14	1197.84 107.44 -366.81	1009.69 86.32 -270.35	3544.61 181.75 -2011.70	4183.12 185.85 -2606.32	1748.52 121.29 -692.41	634.78 58.42 -37.51	285.52 23.55 -4.60	210.21 13.89 -36.44	113.88 10.34 -5.49
SOUTHDOW_115KV_TB1 355954	65.04 -0.01 0.00	66.82 -0.70 0.00	62.23 -1.94 0.00	55.14 -1.38 0.00	53.95 -1.61 0.00	60.43 -1.40 0.00	56.29 -0.76 0.00	55.69 -0.50 0.00	53.73 0.51 0.00	67.57 2.50 0.00	64.51 3.27 0.00	69.82 4.11 0.00	90.23 6.68 0.00	188.18 12.05 0.20	605.82 36.80 4.01	722.41 38.14 39.32	642.41 22.40 33.01	1287.00 31.70 95.85	1344.57 0.81 47.20	973.96 15.34 -23.79	555.81 12.86 -4.10	269.10 10.21 -1.52	168.75 3.79 -5.08	104.01 5.96 0.00
SOUTHOLD_69_KV_BK 2 55809	69.49 5.07 0.64	71.40 5.23 1.34	69.74 5.57 0.00	62.46 5.95 0.00	61.88 6.31 0.00	68.30 6.47 0.00	63.00 5.95 0.00	63.31 6.93 -0.19	59.76 6.55 0.00	70.77 7.18 1.48	70.54 8.29 -1.01	94.22 10.91 -17.60	158.37 12.80 -62.02	289.33 27.73 -85.27	673.53 92.35 -8.15	1200.29 109.83 -366.86	1011.40 87.96 -270.41	3542.23 179.29 -2011.77	4174.73 177.38 -2606.39	1739.92 112.62 -692.47	627.93 51.55 -37.53	282.14 20.17 -4.60	208.02 11.68 -36.45	113.61 10.06 -5.50
SOUTHOLD___IC 23719	69.37 4.95 0.64	71.32 5.15 1.34	69.66 5.49 0.00	62.46 5.95 0.00	61.88 6.31 0.00	68.28 6.45 0.00	63.00 5.94 0.00	63.27 6.89 -0.19	59.76 6.54 0.00	70.78 7.18 1.48	70.53 8.28 -1.01	94.22 10.92 -17.60	158.32 12.74 -62.02	289.12 27.53 -85.27	673.92 92.73 -8.15	1200.33 109.87 -366.86	1011.48 88.04 -270.41	3542.42 179.49 -2011.77	4174.79 177.44 -2606.39	1739.80 112.50 -692.47	627.71 51.33 -37.53	282.18 20.22 -4.60	207.98 11.65 -36.45	113.61 10.05 -5.50
SOUTH_FORK_WT_PWR 323839	68.44 4.03 0.64	70.85 4.67 1.34	69.51 5.34 0.00	62.55 6.04 0.00	61.95 6.39 0.00	68.29 6.46 0.00	63.00 5.95 0.00	63.20 6.82 -0.19	59.58 6.36 0.00	70.50 6.91 1.48	70.14 7.88 -1.01	94.09 10.80 -17.58	158.49 13.00 -61.93	290.48 29.10 -85.05	678.92 97.74 -8.14	1200.54 110.12 -366.83	1010.35 86.95 -270.38	3538.42 175.53 -2011.73	4171.93 174.62 -2606.35	1737.76 110.49 -692.44	626.41 50.05 -37.52	282.33 20.36 -4.60	207.90 11.57 -36.45	113.98 10.43 -5.50
SPIERFLS_115KV_TB 1 80737	68.63 3.58 0.00	70.76 3.24 0.00	67.23 3.06 0.00	59.23 2.72 0.00	58.77 3.21 0.00	65.40 3.57 0.00	60.28 3.23 0.00	59.69 3.50 0.00	56.35 3.14 0.00	68.84 3.76 0.00	65.01 3.77 0.00	70.15 4.45 0.00	89.45 5.89 0.00	188.87 12.54 0.00	612.31 39.27 0.00	775.99 52.39 0.00	701.28 48.26 0.00	1478.66 121.96 -5.54	2418.36 137.47 -889.92	1883.78 90.76 -858.19	679.11 50.59 -89.68	314.64 23.98 -33.30	292.17 13.97 -118.33	105.71 7.66 0.00
ST LAWRENCE____ 23600	63.94 -1.12 0.00	66.70 -0.81 0.00	63.41 -0.76 0.00	55.81 -0.71 0.00	54.80 -0.77 0.00	61.13 -0.70 0.00	56.46 -0.59 0.00	55.36 -0.83 0.00	52.26 -0.95 0.00	63.58 -1.50 0.00	59.30 -1.94 0.00	63.18 -2.52 0.00	87.80 -3.90 -8.14	95.92 -8.19 72.21	287.66 -27.30 258.07	334.80 -34.33 354.47	354.33 -27.42 271.27	765.65 -57.57 527.94	1126.18 -54.81 209.97	861.59 -36.37 36.87	503.91 -20.21 14.73	244.88 -10.45 2.04	154.23 -5.66 0.00	94.18 -3.86 0.00



STATE_CA_115KV_115_LB 55624	66.78 1.72 0.00	68.84 1.33 0.00	65.52 1.34 0.00	57.85 1.33 0.00	56.93 1.37 0.00	63.10 1.27 0.00	58.29 1.23 0.00	57.65 1.46 0.00	54.60 1.38 0.00	66.75 1.67 0.00	63.16 1.92 0.00	68.08 2.38 0.00	86.84 3.28 0.00	183.36 7.02 0.00	596.12 23.08 0.00	754.60 31.00 0.00	680.56 27.54 0.00	1422.44 67.22 -4.06	2081.05 73.97 -616.11	1608.05 46.39 -626.84	628.45 23.96 -65.65	293.16 11.41 -24.38	250.39 6.64 -83.87	101.82 3.78 0.00
STATE_ST_34_KV_LOAD 55959	66.16 1.10 0.00	68.16 0.65 0.00	64.44 0.27 0.00	56.76 0.25 0.00	55.97 0.40 0.00	62.58 0.75 0.00	57.46 0.41 0.00	56.69 0.50 0.00	53.82 0.61 0.00	66.22 1.14 0.00	62.79 1.54 0.00	67.41 1.70 0.00	85.17 2.49 0.88	184.41 4.94 -3.14	588.60 16.27 0.70	740.86 17.27 0.00	665.58 12.56 0.00	1372.86 21.53 -0.18	1427.30 13.37 -22.97	971.62 14.69 -22.10	553.33 11.83 -2.65	264.88 6.46 -1.06	167.21 3.81 -3.52	101.11 3.06 0.00
STATION_5_MISC_HYD 23604	66.12 1.06 0.00	68.03 0.52 0.00	64.13 -0.04 0.00	56.64 0.13 0.00	55.48 -0.08 0.00	62.19 0.36 0.00	57.41 0.36 0.00	56.45 0.26 0.00	53.93 0.71 0.00	66.96 1.88 0.00	63.96 2.72 0.00	69.09 3.39 0.00	88.71 5.16 0.00	185.66 9.33 0.00	600.25 27.21 0.00	749.60 25.97 -0.03	671.00 17.76 -0.22	1371.29 20.08 -0.05	1389.50 -1.82 -0.35	942.97 8.14 0.00	549.41 10.56 0.00	263.47 6.10 0.00	162.21 2.33 0.00	102.38 4.33 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	65.86 0.80 0.00	67.85 0.33 0.00	63.93 -0.24 0.00	56.42 -0.09 0.00	55.35 -0.22 0.00	61.94 0.10 0.00	57.22 0.16 0.00	56.38 0.19 0.00	53.76 0.54 0.00	66.60 1.52 0.00	63.44 2.20 0.00	68.42 2.72 0.00	88.05 4.10 -0.39	184.88 7.69 -0.86	595.91 22.88 0.00	746.27 22.67 0.00	668.43 15.41 0.00	1372.13 20.81 -0.17	1419.60 5.56 -23.07	971.46 11.39 -25.24	552.45 10.90 -2.71	264.69 6.32 -1.01	165.62 2.39 -3.36	101.45 3.40 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	65.77 0.71 0.00	67.67 0.15 0.00	63.73 -0.44 0.00	56.34 -0.18 0.00	55.19 -0.37 0.00	61.81 -0.03 0.00	57.08 0.03 0.00	56.16 -0.03 0.00	53.64 0.42 0.00	66.60 1.53 0.00	63.62 2.38 0.00	68.69 2.99 0.00	88.17 4.62 0.00	184.76 8.42 0.00	597.67 24.63 0.00	746.34 22.71 -0.03	668.19 14.96 -0.20	1366.67 15.46 -0.05	1387.26 -4.04 -0.34	940.75 5.92 0.00	547.31 8.46 0.00	262.46 5.09 0.00	161.54 1.66 0.00	101.73 3.69 0.00
STA_56___34_KV_BUS2 355983	65.77 0.71 0.00	67.67 0.15 0.00	63.73 -0.44 0.00	56.34 -0.18 0.00	55.19 -0.37 0.00	61.81 -0.03 0.00	57.08 0.03 0.00	56.16 -0.03 0.00	53.64 0.42 0.00	66.60 1.53 0.00	63.62 2.38 0.00	68.69 2.99 0.00	88.17 4.62 0.00	184.76 8.42 0.00	597.67 24.63 0.00	746.34 22.71 -0.03	668.19 14.96 -0.20	1366.67 15.46 -0.05	1387.26 -4.04 -0.34	940.75 5.92 0.00	547.31 8.46 0.00	262.46 5.09 0.00	161.54 1.66 0.00	101.73 3.69 0.00
STA_67___115KV_BK2 355882	65.89 0.83 0.00	67.79 0.27 0.00	63.86 -0.31 0.00	56.46 -0.06 0.00	55.30 -0.26 0.00	61.95 0.11 0.00	57.21 0.16 0.00	56.24 0.05 0.00	53.71 0.49 0.00	66.68 1.60 0.00	63.69 2.45 0.00	68.76 3.05 0.00	88.25 4.69 0.00	184.76 8.43 0.00	597.45 24.42 0.00	745.27 21.65 -0.03	666.79 13.56 -0.21	1362.86 11.65 -0.05	1382.83 -8.48 -0.34	938.65 3.82 0.00	546.77 7.92 0.00	262.34 4.97 0.00	161.53 1.65 0.00	101.97 3.92 0.00
STA_7___115KV_9TRANS 80674	66.72 1.66 0.00	68.61 1.10 0.00	64.61 0.44 0.00	57.09 0.58 0.00	55.93 0.36 0.00	62.66 0.83 0.00	57.88 0.83 0.00	56.93 0.74 0.00	54.42 1.21 0.00	67.63 2.55 0.00	64.66 3.41 0.00	69.86 4.15 0.00	89.75 6.20 0.00	187.93 11.60 0.00	607.40 34.37 0.00	757.28 33.65 -0.03	677.64 24.41 -0.22	1385.28 34.07 -0.05	1406.14 14.83 -0.35	954.31 19.48 0.00	555.25 16.40 0.00	266.23 8.86 0.00	163.79 3.91 0.00	103.33 5.28 0.00
STA_82___115KV_TB1 80780	65.90 0.84 0.00	67.79 0.28 0.00	63.87 -0.30 0.00	56.46 -0.05 0.00	55.31 -0.25 0.00	61.98 0.15 0.00	57.21 0.16 0.00	56.25 0.06 0.00	53.73 0.51 0.00	66.69 1.61 0.00	63.70 2.45 0.00	68.76 3.05 0.00	88.24 4.68 0.00	184.74 8.41 0.00	597.45 24.42 0.00	745.28 21.65 -0.03	667.01 13.75 -0.24	1362.87 11.65 -0.06	1383.07 -8.31 -0.42	938.88 4.05 0.00	546.85 8.00 0.00	262.46 5.09 0.00	161.57 1.69 0.00	102.02 3.97 0.00
STEEL___WIND 323596	64.52 -0.54 0.00	66.39 -1.12 0.00	62.30 -1.87 0.00	55.18 -1.33 0.00	53.92 -1.65 0.00	60.54 -1.30 0.00	55.92 -1.13 0.00	54.82 -1.37 0.00	52.49 -0.72 0.00	65.61 0.53 0.00	62.87 1.63 0.00	67.92 2.22 0.00	87.59 4.04 0.00	182.11 6.21 0.43	580.65 16.11 8.49	650.99 10.53 83.14	585.08 1.87 69.80	1131.58 -16.60 202.97	1194.28 -55.32 141.37	914.11 -25.33 -4.62	536.12 -6.49 -3.77	259.06 0.29 -1.40	162.54 -2.01 -4.67	101.43 3.39 0.00
STEPHTWN_115KV_BK_2 55603	66.98 1.92 0.00	68.86 1.35 0.00	65.54 1.37 0.00	57.81 1.30 0.00	56.92 1.35 0.00	63.11 1.28 0.00	58.32 1.27 0.00	57.74 1.55 0.00	54.69 1.47 0.00	66.87 1.79 0.00	63.24 2.00 0.00	68.18 2.48 0.00	87.07 3.52 0.00	183.76 7.43 0.00	598.41 25.38 0.00	757.99 34.39 0.00	684.08 31.06 0.00	1430.40 75.80 -3.45	1581.56 83.15 -107.45	1520.61 53.50 -532.28	622.40 27.73 -55.82	291.29 13.19 -20.73	203.68 7.37 -36.42	102.01 3.96 0.00
STEUBEN_REC_LFGE 323667	64.54 -0.51 0.00	66.56 -0.95 0.00	62.00 -2.17 0.00	54.41 -2.11 0.00	53.21 -2.35 0.00	59.49 -2.35 0.00	55.21 -1.84 0.00	54.74 -1.45 0.00	52.57 -0.65 0.00	65.94 0.87 0.00	62.33 1.08 0.00	67.34 1.64 0.00	86.93 2.81 -0.57	181.98 3.44 -2.21	602.13 9.64 -19.45	919.12 6.43 -189.10	809.73 -2.00 -158.71	1811.02 -3.06 -462.92	1814.17 -17.92 -441.13	1057.14 3.96 -118.35	555.29 11.31 -5.13	268.25 8.97 -1.90	168.56 2.31 -6.37	102.30 4.25 0.00
STILLWATER___SOLAR 323814	68.60 3.54 0.00	70.75 3.23 0.00	67.26 3.09 0.00	59.26 2.75 0.00	58.51 2.94 0.00	65.03 3.20 0.00	59.96 2.90 0.00	59.30 3.11 0.00	56.03 2.81 0.00	68.40 3.33 0.00	64.71 3.47 0.00	69.70 3.99 0.00	88.94 5.39 0.00	187.80 11.47 0.00	609.50 36.46 0.00	771.64 48.04 0.00	697.10 44.08 0.00	1464.33 107.81 -5.36	2390.73 119.96 -879.80	1844.42 79.75 -829.84	669.64 44.07 -86.73	310.57 21.00 -32.20	288.43 12.47 -116.07	105.03 6.98 0.00
STONY___BROOK 24151	69.18 4.55 0.42	69.97 3.75 1.30	67.73 3.56 0.00	60.34 3.82 0.00	59.82 4.25 0.00	66.18 4.34 0.00	61.02 3.97 0.00	61.22 4.84 -0.20	57.82 4.60 0.00	68.58 5.00 1.50	68.54 6.24 -1.06	100.48 7.61 -27.17	198.48 9.92 -105.01	392.20 21.82 -194.05	654.21 72.17 -9.01	1188.78 95.12 -370.06	1005.80 79.40 -273.38	3543.89 176.69 -2016.05	4184.39 182.68 -2610.75	1747.30 116.92 -695.55	635.53 58.29 -38.39	285.42 23.41 -4.64	213.27 13.70 -39.69	116.45 9.67 -8.73
STURGEON_POOL_HYD 23609	68.67 3.61 0.00	70.93 3.41 0.00	67.47 3.30 0.00	59.33 2.82 0.00	58.42 2.86 0.00	64.78 2.95 0.00	59.73 2.68 0.00	59.52 3.33 0.00	56.68 3.46 0.00	69.58 4.50 0.00	60.45 4.96 5.74	71.53 5.83 0.00	91.48 7.93 0.00	194.62 18.29 0.00	635.42 62.39 0.00	971.98 83.96 -164.43	783.37 72.90 -57.45	1711.14 156.51 -203.47	1922.67 158.23 -373.48	1427.06 102.40 -389.83	619.51 54.88 -25.77	292.86 25.92 -9.57	203.36 14.12 -29.36	106.29 8.24 0.00



ST_LAW_115_BK7_LBMP 345037	63.88 -1.17 0.00	66.66 -0.85 0.00	63.38 -0.79 0.00	55.78 -0.73 0.00	54.77 -0.79 0.00	61.10 -0.73 0.00	56.44 -0.61 0.00	55.31 -0.88 0.00	52.19 -1.03 0.00	63.48 -1.59 0.00	59.15 -2.10 0.00	62.95 -2.76 0.00	90.46 -4.29 -11.19	94.52 -9.05 72.76	278.68 -30.13 264.23	321.46 -37.76 364.37	347.24 -30.28 275.51	751.76 -63.14 536.25	1112.06 -60.00 218.91	855.34 -39.67 39.67	499.57 -22.27 17.00	243.61 -11.38 2.37	153.80 -6.08 0.00	93.85 -4.19 0.00
ST_LAW_115_BK8_LBMP 345038	63.88 -1.17 0.00	66.66 -0.85 0.00	63.38 -0.79 0.00	55.78 -0.73 0.00	54.77 -0.79 0.00	61.10 -0.73 0.00	56.44 -0.61 0.00	55.31 -0.88 0.00	52.19 -1.03 0.00	63.48 -1.59 0.00	59.15 -2.10 0.00	62.95 -2.76 0.00	90.46 -4.29 -11.19	94.52 -9.05 72.76	278.68 -30.13 264.23	321.46 -37.76 364.37	347.24 -30.28 275.51	751.76 -63.14 536.25	1112.06 -60.00 218.91	855.34 -39.82 39.67	499.57 -22.27 17.00	243.61 -11.38 2.37	153.80 -6.08 0.00	93.85 -4.19 0.00
ST_LAW_230_BK5_LBMP 345035	63.94 -1.12 0.00	66.70 -0.81 0.00	63.41 -0.76 0.00	55.81 -0.71 0.00	54.80 -0.77 0.00	61.13 -0.70 0.00	56.46 -0.59 0.00	55.36 -0.83 0.00	52.26 -0.95 0.00	63.58 -1.50 0.00	59.30 -1.94 0.00	63.18 -2.52 0.00	83.45 -3.90 -3.79	96.37 -8.19 71.77	292.69 -27.30 253.05	342.92 -34.33 346.34	357.81 -27.42 267.79	772.47 -57.57 521.12	1133.37 -54.81 202.79	863.89 -36.37 34.56	505.77 -20.21 12.87	245.16 -10.45 1.77	154.23 -5.66 0.00	94.18 -3.86 0.00
ST_LAW_230_BK6_LBMP 345036	63.94 -1.12 0.00	66.70 -0.81 0.00	63.41 -0.76 0.00	55.81 -0.71 0.00	54.80 -0.77 0.00	61.13 -0.70 0.00	56.46 -0.59 0.00	55.36 -0.83 0.00	52.26 -0.95 0.00	63.58 -1.50 0.00	59.30 -1.94 0.00	63.18 -2.52 0.00	83.45 -3.90 -3.79	96.37 -8.19 71.77	292.69 -27.30 253.05	342.92 -34.33 346.34	357.81 -27.42 267.79	772.47 -57.57 521.12	1133.37 -54.81 202.79	863.89 -36.37 34.56	505.77 -20.21 12.87	245.16 -10.45 1.77	154.23 -5.66 0.00	94.18 -3.86 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	68.34 3.28 0.00	70.54 3.02 0.00	67.07 2.90 0.00	59.02 2.50 0.00	58.10 2.53 0.00	64.43 2.60 0.00	59.37 2.32 0.00	59.11 2.92 0.00	56.32 3.11 0.00	69.05 3.98 0.00	65.67 4.43 0.00	70.98 5.27 0.00	90.87 7.32 0.00	192.79 16.45 0.00	629.24 56.21 0.00	1062.62 76.06 -262.96	810.80 65.91 -91.87	1815.79 140.51 -324.12	2013.57 142.73 -479.88	1453.24 94.37 -424.04	609.76 50.71 -20.20	288.53 23.66 -7.50	199.36 12.89 -26.59	105.52 7.47 0.00
SWANROAD_115KV_TB1 355699	62.92 -2.14 0.00	64.70 -2.82 0.00	60.72 -3.46 0.00	53.91 -2.61 0.00	52.68 -2.88 0.00	59.27 -2.56 0.00	54.58 -2.47 0.00	53.28 -2.91 0.00	51.02 -2.20 0.00	63.66 -1.42 0.00	61.18 -0.07 0.00	65.89 0.18 0.00	84.72 1.16 0.34	175.91 -0.08 6.78	565.42 -0.83 66.29	639.95 -17.36 54.66	576.53 -21.84 161.93	1112.43 -76.80 107.31	1168.00 -115.65 107.31	877.32 -65.06 -7.55	514.22 -28.06 -3.42	248.11 -10.53 -1.27	156.04 -8.08 -4.25	98.70 0.65 0.00
SYNERGY___BIOGAS 323694	66.69 1.63 0.00	68.46 0.94 0.00	64.25 0.07 0.00	56.93 0.41 0.00	55.69 0.13 0.00	62.58 0.75 0.00	57.84 0.79 0.00	56.68 0.49 0.00	54.09 0.87 0.00	67.18 2.11 0.00	64.31 3.07 0.00	68.63 2.92 0.00	87.82 4.26 0.00	183.30 7.20 0.23	589.13 20.76 4.66	690.99 12.87 45.48	622.27 6.19 36.94	1229.92 -10.12 111.11	1291.94 -33.23 65.80	942.88 -4.37 -12.42	548.26 6.28 -3.13	383.11 5.48 -120.26	500.94 3.70 -337.36	104.62 6.57 0.00
SYRACUSE___ENERGY_ST1 323597	65.09 0.03 0.00	67.26 -0.25 0.00	63.67 -0.50 0.00	56.09 -0.43 0.00	55.15 -0.42 0.00	61.54 -0.29 0.00	56.68 -0.37 0.00	55.89 -0.30 0.00	53.06 -0.15 0.00	65.25 0.17 0.00	61.78 0.54 0.00	66.49 0.79 0.00	83.73 1.28 1.10	182.56 2.51 -3.72	579.61 7.42 0.85	730.76 7.17 0.00	657.32 4.30 0.00	1355.00 3.85 0.00	1385.75 -3.69 1.53	928.60 -0.89 5.34	539.89 1.28 0.23	258.42 1.05 0.00	160.47 0.59 0.00	99.01 0.97 0.00
SYRACUSE___ENERGY_ST2 323598	65.09 0.03 0.00	67.26 -0.25 0.00	63.67 -0.50 0.00	56.09 -0.43 0.00	55.15 -0.42 0.00	61.54 -0.29 0.00	56.68 -0.37 0.00	55.89 -0.30 0.00	53.06 -0.15 0.00	65.25 0.17 0.00	61.78 0.54 0.00	66.49 0.79 0.00	83.73 1.28 1.10	182.56 2.51 -3.72	579.61 7.42 0.85	730.76 7.17 0.00	657.32 4.30 0.00	1355.00 3.85 0.00	1385.75 -3.69 1.53	928.60 -0.89 5.34	539.89 1.28 0.23	258.42 1.05 0.00	160.47 0.59 0.00	99.01 0.97 0.00
SYRACUSE___POWER 24017	65.44 0.38 0.00	67.64 0.13 0.00	64.05 -0.12 0.00	56.41 -0.11 0.00	55.43 -0.13 0.00	61.78 -0.05 0.00	57.01 -0.04 0.00	56.22 0.03 0.00	53.37 0.16 0.00	65.65 0.57 0.00	62.18 0.93 0.00	67.00 1.29 0.00	83.65 2.02 1.92	182.73 4.12 -2.27	584.60 12.46 0.89	737.51 13.91 0.00	663.44 10.42 0.00	1368.19 17.04 0.00	1399.40 10.05 1.62	937.90 8.72 5.65	545.21 6.61 0.25	260.91 3.54 0.00	161.69 1.82 0.00	99.74 1.69 0.00
TALLMAN_138KV_BK151 55660	68.67 3.61 0.00	70.85 3.33 0.00	67.34 3.17 0.00	59.26 2.74 0.00	58.35 2.78 0.00	64.67 2.84 0.00	59.59 2.54 0.00	59.42 3.23 0.00	56.71 3.49 0.00	69.54 4.46 0.00	66.19 4.95 0.00	71.60 5.90 0.00	91.74 8.18 0.00	194.80 18.47 0.00	636.23 63.19 0.00	1093.82 85.37 -284.86	826.02 73.48 -99.52	1857.81 155.62 -351.04	2058.68 157.53 -510.19	1487.99 104.28 -448.89	615.56 55.94 -20.77	291.16 26.08 -7.71	201.46 14.16 -27.43	106.25 8.20 0.00
TEALLAVE_115KV_TB7 355573	65.10 0.04 0.00	67.28 -0.24 0.00	63.73 -0.44 0.00	56.13 -0.38 0.00	55.16 -0.40 0.00	61.47 -0.36 0.00	56.73 -0.32 0.00	55.94 -0.24 0.00	53.15 -0.07 0.00	65.37 0.29 0.00	61.93 0.68 0.00	66.71 1.00 0.00	82.60 1.64 2.59	181.32 3.26 -1.72	581.58 9.56 1.02	733.25 9.66 0.00	659.62 6.59 0.00	1359.61 8.46 0.00	1389.94 0.82 1.85	930.61 2.23 6.45	541.59 3.03 0.28	259.10 1.73 0.00	160.68 0.80 0.00	99.16 1.12 0.00
TELGRAPH_34_KV_EAST 80808	64.59 -0.47 0.00	66.35 -1.17 0.00	62.28 -1.89 0.00	55.25 -1.27 0.00	54.01 -1.55 0.00	60.70 -1.13 0.00	56.01 -1.04 0.00	54.80 -1.39 0.00	52.41 -0.80 0.00	65.32 0.24 0.00	62.69 1.44 0.00	67.47 1.76 0.00	86.68 3.13 0.00	180.37 4.33 0.29	579.54 12.32 5.81	667.94 1.08 56.73	601.87 -5.06 46.08	1175.34 -37.17 138.65	1234.35 -69.10 87.52	912.37 -31.99 -9.53	532.44 -9.67 -3.26	256.59 -1.99 -1.21	161.14 -2.79 -4.04	101.33 3.28 0.00
TEMPLE___115KV_TB 2 55572	65.16 0.10 0.00	67.34 -0.17 0.00	63.78 -0.39 0.00	56.17 -0.35 0.00	55.20 -0.37 0.00	61.52 -0.31 0.00	56.77 -0.28 0.00	55.97 -0.22 0.00	53.18 -0.03 0.00	65.43 0.35 0.00	61.99 0.75 0.00	66.78 1.07 0.00	82.78 1.73 2.51	181.51 3.45 -1.74	582.36 10.32 1.00	734.17 10.57 0.00	660.27 7.25 0.00	1360.97 9.81 0.00	1391.21 2.05 1.80	931.33 2.79 6.29	541.86 3.29 0.28	259.34 1.97 0.00	160.83 0.95 0.00	99.22 1.18 0.00
TIANA___69_KV_BK 1 55817	69.43 5.01 0.64	70.62 4.45 1.34	68.56 4.39 0.00	61.12 4.60 0.00	60.56 5.00 0.00	66.96 5.13 0.00	61.69 4.64 0.00	62.02 5.64 -0.19	58.59 5.37 0.00	69.17 5.58 1.48	69.09 6.83 -1.01	92.01 8.71 -17.60	156.94 11.40 -61.99	286.76 25.24 -85.19	663.69 82.50 -8.15	1195.87 105.42 -366.85	1008.18 84.75 -270.40	3543.03 180.11 -2011.76	4182.58 185.25 -2606.37	1748.29 121.00 -692.46	635.03 58.65 -37.53	285.47 23.50 -4.60	210.32 13.99 -36.45	113.70 10.15 -5.50



TILDEN___115KV_TB1 80814	65.44 0.38 0.00	67.64 0.13 0.00	64.05 -0.12 0.00	56.41 -0.11 0.00	55.43 -0.13 0.00	61.78 -0.05 0.00	57.01 -0.04 0.00	56.22 0.03 0.00	53.37 0.16 0.00	65.65 0.57 0.00	62.18 0.93 0.00	67.00 1.29 0.00	83.65 2.02 1.92	182.73 4.12 -2.27	584.60 12.46 0.89	737.51 13.91 0.00	663.44 10.42 0.00	1368.19 17.04 0.00	1399.40 10.05 1.62	937.90 8.72 5.65	545.21 6.61 0.25	260.91 3.54 0.00	161.69 1.82 0.00	99.74 1.69 0.00
TRIGEN___CC 323695	104.23 4.38 -34.79	77.10 3.74 -5.84	67.72 3.54 0.00	59.98 3.47 0.00	59.26 3.69 0.00	65.63 3.80 0.00	60.48 3.43 0.00	61.97 4.30 -1.47	57.44 4.22 0.00	76.59 5.13 -6.39	75.43 5.86 -8.32	98.89 7.04 -26.14	141.50 9.42 -48.53	255.23 21.35 -57.55	810.07 73.26 -163.77	1781.83 97.51 -960.72	1667.54 83.50 -931.02	4317.35 179.42 -2786.77	4960.89 181.91 -3388.02	2416.61 119.90 -1361.88	860.78 64.82 -257.11	320.46 28.34 -34.75	206.42 15.59 -30.95	107.08 9.03 0.00
TRINITY___115KV___4 BK 55933	66.36 1.31 0.00	68.42 0.90 0.00	65.13 0.95 0.00	57.50 0.98 0.00	56.61 1.05 0.00	62.74 0.91 0.00	57.94 0.88 0.00	57.29 1.10 0.00	54.24 1.02 0.00	66.25 1.17 0.00	62.68 1.44 0.00	67.53 1.82 0.00	86.09 2.54 0.00	181.79 5.46 0.00	590.73 17.69 0.00	747.71 24.11 0.00	674.17 21.15 0.00	1408.99 54.29 -3.54	1878.90 61.58 -426.36	1519.38 37.90 -546.65	615.32 19.16 -57.31	287.93 9.28 -21.28	229.33 5.50 -63.95	101.07 3.03 0.00
UNION___PROCESSING_DRP 323587	65.92 0.86 0.00	67.81 0.30 0.00	63.89 -0.28 0.00	56.49 -0.03 0.00	55.33 -0.23 0.00	61.99 0.16 0.00	57.25 0.19 0.00	56.28 0.09 0.00	53.73 0.51 0.00	66.71 1.63 0.00	63.72 2.47 0.00	68.77 3.06 0.00	88.27 4.72 0.00	184.85 8.52 0.00	597.75 24.72 0.00	745.57 21.94 -0.04	667.12 13.84 -0.26	1363.67 12.45 -0.06	1383.90 -7.51 -0.45	939.27 4.44 0.00	547.26 8.41 0.00	262.52 5.15 0.00	161.69 1.81 0.00	102.05 4.00 0.00
UPPER HUDSON___HYD 24058	68.63 3.57 0.00	70.75 3.24 0.00	67.23 3.06 0.00	59.23 2.72 0.00	58.77 3.20 0.00	65.40 3.57 0.00	60.28 3.23 0.00	59.70 3.51 0.00	56.35 3.13 0.00	68.84 3.76 0.00	65.01 3.77 0.00	70.15 4.45 0.00	89.44 5.89 0.00	188.86 12.53 0.00	612.30 39.27 0.00	775.99 52.39 0.00	701.28 48.26 0.00	1478.71 122.01 -5.54	2418.22 137.33 -889.92	1883.81 90.79 -858.19	679.15 50.63 -89.68	314.65 23.98 -33.30	292.18 13.98 -118.33	105.71 7.66 0.00
UPPER RAQUET___HYD 24056	63.97 -1.09 0.00	66.66 -0.86 0.00	63.29 -0.88 0.00	55.69 -0.83 0.00	54.63 -0.94 0.00	61.05 -0.79 0.00	56.50 -0.55 0.00	55.23 -0.95 0.00	51.96 -1.26 0.00	62.93 -2.15 0.00	58.43 -2.82 0.00	61.34 -4.36 0.00	-54.88 -7.14 131.29	42.64 -16.27 117.42	87.45 -52.68 432.90	120.09 -63.82 539.69	250.40 -98.14 350.55	569.57 -98.14 683.45	809.01 -97.91 484.04	401.31 -65.37 468.15	430.73 -34.25 73.87	234.17 -14.91 8.29	153.88 -6.01 0.00	93.00 -5.05 0.00
VALLEY44_115KV_TB2 355964	64.42 -0.64 0.00	66.26 -1.26 0.00	61.90 -2.27 0.00	54.80 -1.71 0.00	53.66 -1.90 0.00	60.02 -1.81 0.00	55.51 -1.55 0.00	54.70 -1.49 0.00	52.33 -0.89 0.00	65.32 0.24 0.00	62.30 1.06 0.00	67.36 1.66 0.00	87.11 3.55 0.00	182.31 6.14 0.17	587.72 17.97 3.29	707.49 16.09 32.19	628.01 2.02 27.03	1266.36 -6.37 78.43	1322.38 -37.53 31.05	948.97 -13.65 -27.80	539.18 -3.91 -4.25	262.14 3.19 -1.58	164.02 -1.13 -5.27	100.67 2.62 0.00
VALLEY___115KV_TB 1-4 80826	66.49 1.44 0.00	68.74 1.23 0.00	65.51 1.34 0.00	57.73 1.21 0.00	56.83 1.26 0.00	63.16 1.33 0.00	58.12 1.06 0.00	57.21 1.02 0.00	53.93 0.71 0.00	65.89 0.81 0.00	62.32 1.08 0.00	67.20 1.49 0.00	84.86 2.20 0.90	208.13 4.93 -26.87	693.96 15.18 -105.75	886.27 22.10 -140.57	769.02 17.09 -98.91	1599.46 55.57 -192.73	1564.28 69.56 -103.77	1033.28 50.01 -48.44	578.55 26.03 -13.66	272.13 12.96 -1.80	167.42 7.54 0.00	102.27 4.23 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	68.08 3.03 0.00	70.62 3.11 0.00	67.07 2.90 0.00	59.03 2.52 0.00	58.09 2.53 0.00	64.59 2.76 0.00	59.58 2.54 0.00	58.77 2.59 0.00	55.75 2.53 0.00	68.52 3.44 0.00	64.94 3.70 0.00	70.02 4.31 0.00	89.68 5.75 -0.37	189.52 12.38 -0.81	614.66 41.62 0.00	793.01 54.81 -14.61	705.87 47.75 -5.11	1469.98 99.76 -19.07	1668.06 99.82 -177.28	1189.07 67.92 -186.32	594.58 37.47 -18.26	282.26 18.11 -6.78	192.52 9.98 -22.66	104.20 6.15 0.00
VISCHER___FERRY HYD 24020	67.58 2.52 0.00	69.66 2.14 0.00	66.26 2.09 0.00	58.41 1.90 0.00	57.58 2.01 0.00	63.94 2.11 0.00	58.91 1.86 0.00	58.35 2.16 0.00	55.19 1.97 0.00	67.35 2.27 0.00	63.76 2.52 0.00	68.66 2.95 0.00	87.58 4.03 0.00	184.81 8.48 0.00	599.71 26.67 0.00	781.45 34.53 -23.32	692.92 31.75 -8.15	1463.97 79.45 -33.37	2347.81 89.40 -867.44	1744.83 57.19 -752.81	646.02 30.60 -76.57	300.58 14.77 -28.43	277.06 9.12 -108.07	103.05 5.00 0.00
V_A_10_SYNC_DSASP 323832	64.30 -0.76 0.00	66.16 -1.36 0.00	62.24 -1.93 0.00	55.17 -1.35 0.00	53.97 -1.60 0.00	60.56 -1.27 0.00	55.87 -1.18 0.00	54.74 -1.45 0.00	52.34 -0.88 0.00	65.17 0.09 0.00	62.37 1.12 0.00	67.25 1.54 0.00	86.45 2.89 0.00	180.03 3.92 0.22	577.60 8.90 4.34	680.62 -0.41 42.57	608.27 -8.89 35.86	1206.07 -41.26 103.83	1255.12 -72.25 63.59	910.80 -36.75 -12.72	529.18 -12.71 -3.04	254.98 -3.52 -1.13	159.73 -3.92 -3.77	99.99 1.95 0.00
V_CMM_10_SYNC_DSASP 323787	64.15 -0.90 0.00	67.02 -0.49 0.00	63.73 -0.44 0.00	56.08 -0.43 0.00	55.06 -0.50 0.00	61.46 -0.37 0.00	56.77 -0.28 0.00	55.61 -0.58 0.00	52.49 -0.73 0.00	63.85 -1.23 0.00	59.50 -1.74 0.00	63.34 -2.37 0.00	90.94 -3.81 -11.19	95.41 -8.15 72.76	279.56 -29.24 264.23	322.36 -36.87 364.37	348.13 -29.38 275.51	753.47 -61.43 536.25	1114.10 -57.96 218.91	856.41 -38.75 39.67	500.20 -21.65 17.00	243.95 -11.04 2.37	154.03 -5.85 0.00	93.99 -4.06 0.00
V_CMP_10_SYNC_DSASP 323788	63.71 -1.35 0.00	66.86 -0.65 0.00	63.69 -0.48 0.00	56.05 -0.46 0.00	54.87 -0.69 0.00	61.15 -0.68 0.00	56.60 -0.45 0.00	55.99 -0.20 0.00	52.73 -0.48 0.00	64.04 -1.04 0.00	59.97 -1.27 0.00	63.92 -1.78 0.00	74.31 -3.14 6.11	94.14 -6.89 75.30	282.88 -23.10 267.05	337.47 -24.49 361.64	361.13 -17.55 274.34	783.88 -33.31 533.96	1125.11 -41.22 224.63	833.00 -34.38 67.44	507.80 -13.41 17.63	247.47 -7.62 2.28	156.26 -3.62 0.00	94.79 -3.25 0.00
V_D_10_SYNC_DSASP 323841	64.57 -0.49 0.00	67.32 -0.20 0.00	63.97 -0.20 0.00	56.30 -0.22 0.00	55.28 -0.28 0.00	61.71 -0.13 0.00	57.00 -0.05 0.00	55.79 -0.40 0.00	52.61 -0.61 0.00	63.94 -1.13 0.00	59.47 -1.78 0.00	63.03 -2.68 0.00	101.66 -4.56 -22.66	92.26 -9.76 74.30	259.24 -32.25 281.55	291.41 -39.89 392.30	333.93 -31.63 287.46	727.77 -63.68 559.70	1086.50 -60.58 243.89	845.75 -41.48 47.59	492.71 -22.73 23.41	243.28 -10.77 3.32	155.24 -4.64 0.00	94.18 -3.86 0.00
V_E_10_SYNC_DSASP 323830	69.48 4.42 0.00	71.89 4.37 0.00	68.10 3.93 0.00	59.95 3.44 0.00	58.80 3.24 0.00	65.83 4.00 0.00	61.16 4.11 0.00	60.26 4.07 0.00	57.03 3.81 0.00	70.20 5.12 0.00	66.48 5.23 0.00	71.47 5.77 0.00	91.77 7.42 -0.80	193.82 15.66 -1.83	622.39 47.83 -1.52	807.49 69.14 -14.76	731.48 66.06 -12.40	1526.99 139.11 -36.72	1643.40 135.87 -116.57	1139.19 106.72 -97.64	612.87 64.29 -9.73	290.06 29.07 -3.61	187.45 15.49 -12.08	108.17 10.12 0.00



V_F_30_NSYNC___DSASP 323816	68.70 3.65 0.00	70.87 3.35 0.00	67.38 3.20 0.00	59.36 2.84 0.00	58.57 3.01 0.00	65.13 3.30 0.00	60.06 3.01 0.00	59.41 3.23 0.00	56.14 2.92 0.00	68.58 3.51 0.00	64.90 3.66 0.00	69.93 4.22 0.00	89.23 5.67 0.00	188.42 12.09 0.00	611.52 38.48 0.00	774.13 50.54 0.00	699.23 46.21 0.00	1468.08 111.48 -5.44	2398.46 123.17 -884.33	1858.99 81.63 -842.54	672.04 45.14 -88.05	311.58 21.51 -32.69	289.70 12.74 -117.08	105.20 7.15 0.00
V_F_30_SYNC_DSASP 323786	66.78 1.72 0.00	68.84 1.33 0.00	65.51 1.33 0.00	57.83 1.32 0.00	56.93 1.37 0.00	63.09 1.26 0.00	58.29 1.23 0.00	57.65 1.46 0.00	54.59 1.37 0.00	66.73 1.65 0.00	63.15 1.91 0.00	68.08 2.37 0.00	86.82 3.27 0.00	183.35 7.02 0.00	595.93 22.89 0.00	754.60 31.00 0.00	680.32 27.30 0.00	1422.07 66.90 -4.01	2065.30 73.89 -600.44	1601.38 46.25 -620.30	627.76 23.94 -64.96	292.90 11.41 -24.12	248.73 6.62 -82.22	101.79 3.74 0.00
V_XM_10_SYNC_DSASP 323789	63.71 -1.35 0.00	66.86 -0.65 0.00	63.69 -0.48 0.00	56.05 -0.46 0.00	54.87 -0.69 0.00	61.15 -0.68 0.00	56.60 -0.45 0.00	55.99 -0.20 0.00	52.73 -0.48 0.00	64.04 -1.04 0.00	59.97 -1.27 0.00	63.92 -1.78 0.00	74.31 -3.14 6.11	94.14 -6.89 75.30	282.88 -23.10 267.05	337.47 -24.49 361.64	361.13 -17.55 274.34	783.88 -33.31 533.96	1125.11 -41.22 224.63	833.00 -34.38 67.44	507.80 -13.41 17.63	247.47 -7.62 2.28	156.26 -3.62 0.00	94.79 -3.25 0.00
W.BABYLN_69_KV_BK1 56697	76.24 5.20 -5.98	71.91 4.39 0.00	68.30 4.13 0.00	60.64 4.13 0.00	60.07 4.51 0.00	66.51 4.68 0.00	61.32 4.27 0.00	61.88 5.26 -0.43	58.27 5.06 0.00	71.04 5.96 -0.01	70.51 6.89 -2.38	83.06 8.36 -9.00	120.05 11.08 -25.42	213.51 24.76 -12.42	693.51 84.17 -36.30	1311.86 113.87 -474.39	1139.28 97.52 -388.73	3704.19 212.43 -2140.61	4350.54 218.00 -2741.58	1890.43 141.43 -814.17	690.04 73.31 -77.88	298.59 31.12 -10.10	208.80 17.33 -31.58	109.06 10.37 -0.64
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	68.91 3.85 0.00	71.06 3.55 0.00	67.56 3.39 0.00	59.45 2.93 0.00	58.54 2.98 0.00	64.89 3.05 0.00	59.81 2.76 0.00	59.64 3.45 0.00	56.92 3.71 0.00	69.82 4.74 0.00	66.45 5.21 0.00	71.91 6.20 0.00	92.14 8.59 0.00	195.63 19.30 0.00	639.04 66.00 0.00	1104.25 88.89 -291.77	831.55 76.60 -101.93	1873.14 162.46 -359.53	2075.13 164.57 -519.60	1500.13 108.71 -456.59	618.25 58.46 -20.93	292.39 27.25 -7.77	202.36 14.81 -27.67	106.63 8.58 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	69.20 4.14 0.00	71.48 3.96 0.00	68.07 3.90 0.00	59.88 3.36 0.00	59.04 3.47 0.00	65.43 3.60 0.00	60.30 3.25 0.00	60.23 4.04 0.00	57.58 4.37 0.00	70.66 5.58 0.00	67.05 5.81 0.00	72.54 6.83 0.00	92.84 9.29 0.00	197.23 20.90 0.00	644.78 71.74 0.00	1138.25 96.70 -317.95	846.30 82.20 -111.08	1917.54 174.67 -391.72	2124.53 177.87 -555.69	1538.85 117.75 -486.27	623.98 63.52 -21.62	294.93 29.53 -8.03	204.07 15.53 -28.66	106.97 8.93 0.00
W50THST__13_KV_LOAD 356117	69.73 4.67 0.00	72.06 4.54 0.00	68.65 4.48 0.00	60.39 3.88 0.00	59.54 3.98 0.00	65.99 4.16 0.00	60.85 3.80 0.00	60.85 4.66 0.00	58.19 4.97 0.00	71.39 6.31 0.00	67.72 6.47 0.00	73.23 7.52 0.00	93.75 10.20 0.00	199.13 22.80 0.00	650.56 77.53 0.00	1145.54 103.99 -317.95	852.63 88.53 -111.08	1930.56 187.64 -391.76	2137.69 191.03 -555.69	1547.83 126.73 -486.27	629.31 68.85 -21.62	297.43 32.03 -8.03	205.55 17.01 -28.66	107.86 9.81 0.00
WADING RIVER_IC_1 23522	68.80 4.41 0.66	69.88 3.71 1.35	67.78 3.61 0.00	60.46 3.95 0.00	59.92 4.36 0.00	66.24 4.41 0.00	61.04 3.98 0.00	61.29 4.92 -0.19	57.90 4.68 0.00	67.95 4.36 1.49	67.85 5.60 -1.01	90.27 7.18 -17.39	154.03 9.43 -61.05	279.99 20.77 -82.88	648.91 67.82 -8.06	1177.48 87.39 -366.49	990.50 67.45 -270.03	3506.38 143.93 -2011.29	4146.38 149.52 -2605.90	1725.43 98.53 -692.06	622.27 46.02 -37.40	279.80 17.84 -4.58	207.33 11.07 -36.38	112.04 8.55 -5.44
WADING RIVER_IC_2 23547	68.80 4.41 0.66	69.88 3.71 1.35	67.78 3.61 0.00	60.46 3.95 0.00	59.92 4.36 0.00	66.24 4.41 0.00	61.04 3.98 0.00	61.29 4.92 -0.19	57.90 4.68 0.00	67.95 4.36 1.49	67.85 5.60 -1.01	90.27 7.18 -17.39	154.03 9.43 -61.05	279.99 20.77 -82.88	648.91 67.82 -8.06	1177.48 87.39 -366.49	990.50 67.45 -270.03	3506.38 143.93 -2011.29	4146.38 149.52 -2605.90	1725.43 98.53 -692.06	622.27 46.02 -37.40	279.80 17.84 -4.58	207.33 11.07 -36.38	112.04 8.55 -5.44
WADING RIVER_IC_3 23601	68.80 4.41 0.66	69.88 3.71 1.35	67.78 3.61 0.00	60.46 3.95 0.00	59.92 4.36 0.00	66.24 4.41 0.00	61.04 3.98 0.00	61.29 4.92 -0.19	57.90 4.68 0.00	67.95 4.36 1.49	67.85 5.60 -1.01	90.27 7.18 -17.39	154.03 9.43 -61.05	279.99 20.77 -82.88	648.91 67.82 -8.06	1177.48 87.39 -366.49	990.50 67.45 -270.03	3506.38 143.93 -2011.29	4146.38 149.52 -2605.90	1725.43 98.53 -692.06	622.27 46.02 -37.40	279.80 17.84 -4.58	207.33 11.07 -36.38	112.04 8.55 -5.44
WALDENNY_12_KV_BK2 80841	64.67 -0.39 0.00	66.50 -1.01 0.00	62.35 -1.82 0.00	55.28 -1.24 0.00	54.02 -1.54 0.00	60.67 -1.16 0.00	56.05 -1.00 0.00	54.96 -1.23 0.00	52.70 -0.52 0.00	65.88 0.80 0.00	63.21 1.97 0.00	68.27 2.57 0.00	88.01 4.46 0.00	183.09 7.18 0.42	584.89 20.15 8.29	655.68 13.32 81.23	589.23 4.41 68.20	1140.34 -12.51 198.31	1203.83 -49.55 137.58	918.44 -21.37 -4.98	537.21 -5.36 -3.73	259.48 0.73 -1.39	162.71 -1.80 -4.63	101.66 3.61 0.00
WALDEN__HYDRO 24148	68.73 3.67 0.00	70.91 3.39 0.00	67.40 3.22 0.00	59.28 2.76 0.00	58.38 2.81 0.00	64.72 2.89 0.00	59.69 2.64 0.00	59.45 3.26 0.00	56.61 3.40 0.00	69.44 4.37 0.00	66.03 4.78 0.00	71.37 5.67 0.00	91.31 7.76 0.00	193.72 17.39 0.00	632.79 59.76 0.00	1059.78 80.79 -255.39	812.82 70.58 -89.22	1817.72 151.69 -314.87	2022.37 154.34 -477.07	1463.87 102.29 -426.75	615.17 55.13 -21.19	290.91 25.67 -7.87	201.44 14.02 -27.54	106.21 8.16 0.00
WARRENSBURG____ 23737	68.63 3.58 0.00	70.76 3.24 0.00	67.23 3.06 0.00	59.23 2.72 0.00	58.77 3.21 0.00	65.40 3.57 0.00	60.28 3.23 0.00	59.69 3.50 0.00	56.35 3.14 0.00	68.84 3.76 0.00	65.01 3.77 0.00	70.15 4.45 0.00	89.45 5.89 0.00	188.87 12.54 0.00	612.31 39.27 0.00	775.99 52.39 0.00	701.28 48.26 0.00	1478.66 121.96 -5.54	2418.36 137.47 -889.92	1883.78 90.76 -858.19	679.11 50.59 -89.68	314.64 23.98 -33.30	292.17 13.97 -118.33	105.71 7.66 0.00
WATERSIDE____6 8 9 23538	68.93 3.87 0.00	71.24 3.73 0.00	67.96 3.79 0.00	59.78 3.26 0.00	58.96 3.39 0.00	65.32 3.49 0.00	60.23 3.18 0.00	60.09 3.90 0.00	57.44 4.22 0.00	70.36 5.28 0.00	66.82 5.43 -0.15	76.87 6.42 -4.74	93.38 8.79 -1.04	196.32 19.84 -0.16	642.64 68.06 -1.54	1133.82 90.57 -319.66	841.29 77.17 -111.10	1905.87 162.65 -392.06	2113.88 167.15 -555.77	1531.98 110.82 -486.33	619.86 59.40 -21.62	293.28 27.88 -8.03	203.08 14.54 -28.66	105.57 8.41 0.88
WATKINRD_115KV_LN8_ILLION 55919	66.17 1.12 0.00	68.46 0.94 0.00	65.16 0.99 0.00	57.41 0.90 0.00	56.51 0.95 0.00	62.80 0.97 0.00	57.84 0.79 0.00	56.97 0.78 0.00	53.76 0.54 0.00	65.70 0.62 0.00	62.09 0.84 0.00	66.88 1.18 0.00	84.40 1.75 0.90	207.18 3.97 -26.87	691.35 12.57 -105.75	882.14 17.98 -140.57	766.18 14.25 -98.91	1586.84 42.95 -192.73	1548.03 53.31 -103.77	1021.37 38.10 -48.44	572.52 20.01 -13.66	269.14 9.97 -1.80	165.67 5.79 0.00	101.28 3.23 0.00



WDELAWARE___HYD 323627	67.17 2.11 0.00	69.34 1.82 0.00	65.89 1.71 0.00	57.95 1.43 0.00	57.03 1.46 0.00	63.26 1.43 0.00	58.37 1.32 0.00	58.09 1.90 0.00	55.24 2.02 0.00	67.72 2.64 0.00	62.00 2.78 2.02	67.67 1.96 0.00	86.51 2.96 0.00	183.85 7.52 0.00	600.04 27.00 0.00	958.90 39.70 -195.61	760.59 39.23 -68.34	1709.22 116.61 -241.45	1906.42 120.83 -394.63	1386.46 81.08 -370.54	602.58 42.89 -20.85	284.81 19.70 -7.74	196.00 10.25 -25.87	103.75 5.70 0.00
WEST BABYLON___IC 23714	76.24 5.20 -5.98	71.91 4.39 0.00	68.30 4.13 0.00	60.64 4.13 0.00	60.07 4.51 0.00	66.51 4.68 0.00	61.32 4.27 0.00	61.88 5.26 -0.43	58.27 5.06 0.00	71.04 5.96 -0.01	70.51 6.89 -2.38	83.06 8.36 -9.00	120.05 11.08 -25.42	213.51 24.76 -12.42	693.51 84.17 -36.30	1311.86 113.87 -474.39	1139.28 97.52 -388.73	3704.19 212.43 -2140.61	4350.54 218.00 -2741.58	1890.43 141.43 -814.17	690.04 73.31 -77.88	298.59 31.12 -10.10	208.80 17.33 -31.58	109.06 10.37 -0.64
WEST CANADA___HYD 24049	65.39 0.33 0.00	67.80 0.29 0.00	64.47 0.30 0.00	56.77 0.25 0.00	55.84 0.28 0.00	62.08 0.25 0.00	57.29 0.23 0.00	56.52 0.34 0.00	53.53 0.31 0.00	65.48 0.40 0.00	61.74 0.50 0.00	66.36 0.66 0.00	83.61 0.96 0.90	205.18 1.98 -26.87	685.64 6.86 -105.75	873.21 9.04 -140.57	759.18 7.24 -98.91	1560.90 17.01 -192.73	1512.63 17.90 -103.77	995.22 11.95 -48.44	559.06 6.55 -13.66	262.45 3.29 -1.80	161.81 1.93 0.00	99.17 1.12 0.00
WESTERN_NY_WIND 24143	66.55 1.49 0.00	68.32 0.81 0.00	64.13 -0.04 0.00	56.82 0.31 0.00	55.58 0.02 0.00	62.48 0.64 0.00	57.73 0.67 0.00	56.56 0.37 0.00	53.98 0.77 0.00	67.05 1.98 0.00	64.19 2.95 0.00	68.60 2.90 0.00	87.82 4.26 0.00	183.24 7.16 0.25	588.72 20.70 5.02	687.46 12.87 49.01	619.30 6.09 39.81	1220.72 -10.68 119.75	1283.82 -34.53 72.62	941.15 -5.19 -11.51	547.85 5.84 -3.17	263.85 5.30 -1.18	167.12 3.31 -3.93	104.43 6.38 0.00
WESTOVER___LESR 323668	65.80 0.74 0.00	68.20 0.69 0.00	64.42 0.24 0.00	56.68 0.16 0.00	55.72 0.15 0.00	62.02 0.19 0.00	57.27 0.22 0.00	56.48 0.29 0.00	53.63 0.42 0.00	66.24 1.16 0.00	62.87 1.63 0.00	67.87 2.16 0.00	87.80 3.49 -0.76	185.32 7.31 -1.67	597.38 24.35 0.00	754.69 31.10 0.00	675.02 22.00 0.00	1395.14 43.50 -0.49	1491.60 31.35 -69.28	1032.77 23.13 -74.81	561.28 14.52 -7.92	269.47 9.16 -2.94	173.32 3.61 -9.83	101.08 3.03 0.00
WETHRSFD_WT_PWR 323626	63.51 -1.54 0.00	65.58 -1.93 0.00	61.39 -2.77 0.00	54.10 -2.42 0.00	52.86 -2.71 0.00	59.28 -2.56 0.00	54.82 -2.23 0.00	53.80 -2.39 0.00	51.48 -1.74 0.00	64.26 -0.82 0.00	61.36 0.11 0.00	66.12 0.41 0.00	84.88 1.33 0.00	174.43 -0.12 1.78	533.40 -4.23 35.41	364.88 -11.75 346.97	343.67 -17.37 291.98	453.44 -50.08 847.64	626.72 -76.28 687.97	811.85 -36.25 86.73	532.97 -10.22 -4.34	258.03 -0.95 -1.61	162.32 -2.95 -5.39	100.17 2.13 0.00
WHAVSTOR_138KV_BK127 55557	68.52 3.46 0.00	70.71 3.19 0.00	67.23 3.06 0.00	59.16 2.65 0.00	58.28 2.71 0.00	64.59 2.76 0.00	59.52 2.47 0.00	59.34 3.15 0.00	56.60 3.39 0.00	69.38 4.30 0.00	66.00 4.76 0.00	71.38 5.68 0.00	91.42 7.86 0.00	194.09 17.76 0.00	633.88 60.84 -293.24	1098.95 82.11 -102.45	825.99 70.52 -102.45	1862.64 150.14 -361.34	2065.13 152.56 -521.61	1493.90 100.83 -458.24	613.92 54.10 -20.97	290.35 25.19 -7.79	201.28 13.68 -27.72	105.94 7.90 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	68.52 3.46 0.00	70.71 3.19 0.00	67.23 3.06 0.00	59.16 2.65 0.00	58.28 2.71 0.00	64.59 2.76 0.00	59.52 2.47 0.00	59.34 3.15 0.00	56.60 3.39 0.00	69.38 4.30 0.00	66.00 4.76 0.00	71.38 5.68 0.00	91.42 7.86 0.00	194.09 17.76 0.00	633.88 60.84 -293.24	1098.95 82.11 -102.45	825.99 70.52 -102.45	1862.64 150.14 -361.34	2065.13 152.56 -521.61	1493.90 100.83 -458.24	613.92 54.10 -20.97	290.35 25.19 -7.79	201.28 13.68 -27.72	105.94 7.90 0.00
WHITEHAL_115KV_TB1 80871	68.98 3.93 0.00	71.17 3.66 0.00	67.58 3.41 0.00	59.69 3.18 0.00	60.41 4.85 0.00	67.52 5.69 0.00	61.73 4.68 0.00	61.10 4.91 0.00	57.42 4.20 0.00	70.16 5.08 0.00	66.90 5.65 0.00	72.22 6.52 0.00	92.36 8.81 0.00	195.37 19.04 0.00	628.84 55.81 0.00	798.43 74.84 0.00	720.78 67.76 0.00	1531.00 174.35 -5.50	2455.69 177.13 -887.60	1901.37 114.85 -851.69	688.96 61.11 -89.00	320.05 29.63 -33.05	295.69 18.00 -117.81	107.68 9.63 0.00
WHITEPLN_13_KV_LOAD 356215	69.90 4.84 0.00	72.06 4.55 0.00	68.53 4.36 0.00	60.29 3.77 0.00	59.40 3.83 0.00	65.87 4.04 0.00	60.79 3.74 0.00	60.71 4.52 0.00	58.00 4.78 0.00	71.16 6.08 0.00	67.70 6.46 0.00	73.30 7.59 0.00	93.93 10.38 0.00	199.47 23.14 0.00	651.60 78.56 0.00	1145.69 104.77 -317.32	854.75 90.86 -110.86	1935.13 193.04 -390.94	2141.11 195.56 -554.59	1548.78 128.64 -485.32	629.79 69.37 -21.57	297.46 32.08 -8.01	205.99 17.52 -28.60	108.20 10.15 0.00
WM_FLOYD_69_KV_BK2 356380	69.28 4.76 0.53	70.18 3.99 1.32	68.03 3.86 0.00	60.59 4.07 0.00	60.04 4.48 0.00	66.41 4.58 0.00	61.17 4.12 0.00	61.48 5.10 -0.19	58.03 4.81 0.00	68.54 4.93 1.47	68.44 6.17 -1.03	92.07 7.75 -18.61	160.39 10.23 -66.60	295.50 22.59 -96.58	655.00 73.41 -8.56	1188.11 96.11 -368.40	1003.13 78.07 -272.04	3535.87 170.93 -2013.78	4177.19 177.81 -2608.42	1745.57 116.58 -694.16	634.25 57.34 -38.06	285.06 23.02 -4.66	210.42 13.77 -36.77	113.50 9.63 -5.83
WOODARD___115KV_TB2 355635	64.91 -0.15 0.00	67.10 -0.42 0.00	63.56 -0.62 0.00	55.98 -0.53 0.00	55.02 -0.55 0.00	61.31 -0.52 0.00	56.56 -0.48 0.00	55.77 -0.42 0.00	52.97 -0.24 0.00	65.13 0.05 0.00	61.66 0.41 0.00	66.41 0.70 0.00	82.68 1.19 2.07	181.13 2.29 -2.50	578.74 6.68 0.97	729.46 5.87 0.00	656.49 3.47 0.00	1352.96 1.80 0.00	1383.57 -5.64 1.76	926.48 -2.21 6.14	539.05 0.48 0.27	257.88 0.51 0.00	160.05 0.17 0.00	98.75 0.70 0.00
WOODMERE_69_KV_BK1 55827	156.09 5.31 -85.73	88.48 4.80 -16.17	68.76 4.59 0.00	60.89 4.38 0.00	60.14 4.58 0.00	66.62 4.79 0.00	61.43 4.38 0.00	64.81 5.29 -3.32	58.36 5.14 0.00	89.66 6.35 -18.24	87.01 6.92 -18.84	134.26 8.25 -60.30	195.87 11.23 -101.08	339.59 25.69 -137.57	1048.06 88.39 -386.64	2651.45 119.01 -1808.84	2554.92 103.19 -1798.70	5314.27 220.58 -3742.53	5976.83 222.51 -4363.36	3398.30 146.20 -2317.28	1205.75 79.77 -587.13	368.88 34.12 -77.38	210.29 19.45 -30.96	109.21 11.17 0.00
YORK___WARBASSE 23770	69.03 3.97 0.00	71.33 3.82 0.00	68.07 3.90 0.00	59.88 3.37 0.00	59.02 3.46 0.00	65.39 3.57 0.00	60.30 3.25 0.00	60.21 4.02 0.00	57.62 4.40 0.00	70.69 5.61 -0.14	67.24 5.86 -0.14	76.99 6.83 -4.46	93.79 9.25 -0.98	197.31 20.83 -0.15	644.85 70.37 -1.45	1135.90 92.74 -319.56	842.86 78.74 -111.10	1905.01 162.00 -391.85	2111.22 164.50 -555.77	1532.09 110.93 -486.33	620.53 60.06 -21.62	293.87 28.48 -8.03	203.27 14.73 -28.66	112.78 8.81 -5.92