

Time Weighted/Integrated Real Time LBMP- Generator

Generator Data		06/18/2024																							
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
59TH STREET_GT_1	24138	31.92	27.41	25.74	25.98	25.20	24.45	30.44	33.87	32.82	37.08	46.65	50.86	53.89	54.03	83.46	100.35	94.75	296.59	950.35	89.25	71.86	76.88	47.95	47.38
		1.74	1.46	1.33	1.32	1.29	1.28	1.79	2.09	2.23	2.56	3.19	3.48	3.59	3.81	5.85	6.79	6.19	17.42	48.04	3.90	2.45	2.52	2.05	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	0.00	0.00	-14.59	-19.23	0.00	0.00	
74TH STREET_GT_1	24260	31.97	27.47	25.80	26.04	25.26	24.50	30.48	33.91	32.87	37.14	46.76	50.98	53.87	54.04	83.53	100.50	94.90	297.33	953.04	89.54	72.05	77.04	48.09	47.46
		1.80	1.51	1.39	1.38	1.34	1.33	1.82	2.14	2.29	2.62	3.29	3.60	3.57	3.81	5.92	6.94	6.35	18.16	50.74	4.20	2.64	2.68	2.19	2.27
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-14.59	-19.23	0.00	0.00	
74TH STREET_GT_2	24261	31.97	27.47	25.80	26.04	25.26	24.50	30.48	33.91	32.87	37.14	46.76	50.98	53.87	54.04	83.53	100.50	94.90	297.33	953.04	89.54	72.05	77.04	48.09	47.46
		1.80	1.51	1.39	1.38	1.34	1.33	1.82	2.14	2.29	2.62	3.29	3.60	3.57	3.81	5.92	6.94	6.35	18.16	50.74	4.20	2.64	2.68	2.19	2.27
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-14.59	-19.23	0.00	0.00	
ADK HUDSON___FALLS	24011	32.31	27.62	25.95	26.27	25.46	24.67	30.72	33.85	32.38	36.48	46.16	50.47	53.67	53.79	83.12	100.23	94.76	299.90	978.94	92.17	224.62	277.43	49.92	49.08
		2.14	1.67	1.54	1.61	1.55	1.50	2.06	2.07	1.80	1.96	2.70	3.10	3.37	3.57	5.50	6.67	6.21	20.74	76.63	6.83	5.03	5.07	4.02	3.88
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-164.76	-217.23	0.00	0.00	
ADK RESOURCE___RCVRY	23798	32.61	27.79	26.11	26.45	25.64	24.87	31.00	34.09	32.53	36.64	46.37	50.77	54.02	54.16	83.82	101.06	95.78	303.11	987.87	92.92	225.95	279.12	50.45	49.63
		2.44	1.84	1.71	1.79	1.73	1.70	2.35	2.32	1.94	2.12	2.90	3.39	3.72	3.94	6.21	7.51	7.23	23.95	85.57	7.57	5.54	5.67	4.55	4.43
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-165.59	-218.32	0.00	0.00	
ADK S GLENS___FALLS	24028	32.31	27.62	25.95	26.27	25.46	24.67	30.72	33.85	32.38	36.48	46.16	50.47	53.67	53.79	83.12	100.23	94.76	299.90	978.94	92.17	224.62	277.43	49.92	49.08
		2.14	1.67	1.54	1.61	1.55	1.50	2.06	2.07	1.80	1.96	2.70	3.10	3.37	3.57	5.50	6.67	6.21	20.74	76.63	6.83	5.03	5.07	4.02	3.88
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-164.76	-217.23	0.00	0.00	
ADK_NYS___DAM	23527	31.69	27.26	25.63	25.95	25.16	24.32	30.19	33.20	31.80	35.58	44.91	48.74	51.63	51.55	79.85	96.31	90.97	288.69	942.64	88.68	176.69	214.93	48.09	47.57
		1.51	1.31	1.22	1.28	1.24	1.15	1.54	1.43	1.21	1.07	1.44	1.37	1.33	1.32	2.24	2.75	2.42	9.53	40.33	3.33	2.69	2.67	2.18	2.38
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-119.18	-157.12	0.00	0.00	
AIR_PRODUCTS___DRP	24190	30.54	26.30	24.78	25.14	24.36	23.49	29.11	32.16	30.88	34.74	43.89	47.80	50.66	50.61	78.16	94.20	89.18	281.13	910.36	85.87	142.22	170.32	46.35	45.70
		0.37	0.35	0.38	0.48	0.45	0.32	0.46	0.39	0.29	0.22	0.43	0.42	0.36	0.38	0.54	0.64	0.62	1.97	8.05	0.52	0.52	0.64	0.45	0.50
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-86.88	-114.55	0.00	0.00	
AKWESSNE_115KV_BK	355683	29.66	25.41	23.92	24.15	23.49	22.85	28.22	31.46	30.16	33.85	42.31	45.98	31.03	48.47	75.53	91.74	86.98	274.22	883.66	83.78	53.69	53.93	45.11	44.58
		-0.51	-0.54	-0.48	-0.51	-0.42	-0.32	-0.44	-0.32	-0.43	-0.67	-1.15	-1.39	-1.52	-1.75	-2.08	-1.82	-1.58	-4.94	-18.65	-1.56	-1.14	-1.20	-0.79	-0.61
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	323833	31.29	26.93	25.36	25.70	24.90	24.02	29.71	32.66	30.87	34.79	44.19	48.10	50.95	50.92	78.38	94.61	89.97	283.75	921.77	87.45	121.94	143.27	47.39	46.67
		1.12	0.97	0.95	1.04	0.99	0.85	1.06	0.88	0.28	0.27	0.73	0.72	0.65	0.69	0.77	1.06	1.41	4.58	19.46	2.10	1.73	1.93	1.50	1.48
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-65.39	-86.21	0.00	0.00	
ALBANY_2_SOLAR	323834	31.28	26.92	25.36	25.69	24.90	24.01	29.69	32.65	30.86	34.78	44.18	48.09	50.94	50.90	78.37	94.59	89.96	283.67	921.68	87.41	121.90	143.21	47.38	46.66
		1.11	0.97	0.95	1.02	0.98	0.85	1.04	0.87	0.28	0.26	0.72	0.71	0.64	0.68	0.76	1.03	1.41	4.51	19.37	2.06	1.71	1.90	1.48	1.47
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-65.37	-86.18	0.00	0.00	
ALBANY___1	23571	30.54	26.30	24.78	25.14	24.36	23.49	29.11	32.16	30.88	34.74	43.89	47.80	50.66	50.61	78.16	94.20	89.18	281.13	910.36	85.87	142.22	170.32	46.35	45.70
		0.37	0.35	0.38	0.48	0.45	0.32	0.46	0.39	0.29	0.22	0.43	0.42	0.36	0.38	0.54	0.64	0.62	1.97	8.05	0.52	0.52	0.64	0.45	0.50
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-86.88	-114.55	0.00	0.00	

ALBANY___2 23572	30.54 0.37 0.00	26.30 0.35 0.00	24.78 0.38 0.00	25.14 0.48 0.00	24.36 0.45 0.00	23.49 0.32 0.00	29.11 0.46 0.00	32.16 0.39 0.00	30.88 0.29 0.00	34.74 0.22 0.00	43.89 0.43 0.00	47.80 0.42 0.00	50.66 0.36 0.00	50.61 0.38 0.00	78.16 0.54 0.00	94.20 0.64 0.00	89.18 0.62 0.00	281.13 1.97 0.00	910.36 8.05 0.00	85.87 0.52 0.00	142.22 0.52 -86.88	170.32 0.64 -114.55	46.35 0.45 0.00	45.70 0.50 0.00
ALBANY___3 23573	30.54 0.37 0.00	26.30 0.35 0.00	24.78 0.38 0.00	25.14 0.48 0.00	24.36 0.45 0.00	23.49 0.32 0.00	29.11 0.46 0.00	32.16 0.39 0.00	30.88 0.29 0.00	34.74 0.22 0.00	43.89 0.43 0.00	47.80 0.42 0.00	50.66 0.36 0.00	50.61 0.38 0.00	78.16 0.54 0.00	94.20 0.64 0.00	89.18 0.62 0.00	281.13 1.97 0.00	910.36 8.05 0.00	85.87 0.52 0.00	142.22 0.52 -86.88	170.32 0.64 -114.55	46.35 0.45 0.00	45.70 0.50 0.00
ALBANY___4 23574	30.54 0.37 0.00	26.30 0.35 0.00	24.78 0.38 0.00	25.14 0.48 0.00	24.36 0.45 0.00	23.49 0.32 0.00	29.11 0.46 0.00	32.16 0.39 0.00	30.88 0.29 0.00	34.74 0.22 0.00	43.89 0.43 0.00	47.80 0.42 0.00	50.66 0.36 0.00	50.61 0.38 0.00	78.16 0.54 0.00	94.20 0.64 0.00	89.18 0.62 0.00	281.13 1.97 0.00	910.36 8.05 0.00	85.87 0.52 0.00	142.22 0.52 -86.88	170.32 0.64 -114.55	46.35 0.45 0.00	45.70 0.50 0.00
ALBANY___LFGE 323615	30.96 0.78 0.00	26.64 0.69 0.00	25.09 0.69 0.00	25.43 0.76 0.00	24.64 0.73 0.00	23.77 0.60 0.00	29.48 0.82 0.00	32.59 0.81 0.00	31.32 0.73 0.00	35.27 0.75 0.00	44.56 1.10 0.00	48.58 1.21 0.00	51.52 1.21 0.00	51.50 1.28 0.00	79.60 1.98 0.00	95.92 2.36 0.00	90.81 2.26 0.00	286.43 7.26 0.00	927.49 25.18 0.00	87.44 2.10 0.00	165.99 1.45 -109.71	201.38 1.60 -144.65	47.11 1.21 0.00	46.41 1.22 0.00
ALCOA_PA_115KV_PL-6C 55860	29.63 -0.54 0.00	25.39 -0.56 0.00	23.89 -0.51 0.00	24.13 -0.53 0.00	23.45 -0.46 0.00	22.84 -0.33 0.00	28.23 -0.43 0.00	31.45 -0.32 0.00	30.11 -0.48 0.00	33.76 -0.76 0.00	42.14 -1.33 0.00	45.72 -1.66 0.00	31.32 -1.81 17.18	48.18 -2.05 0.00	75.20 -2.41 0.00	91.98 -1.58 0.00	87.20 -1.35 0.00	275.03 -4.13 0.00	890.03 -12.28 0.00	84.53 -0.81 0.00	54.19 -0.63 0.00	54.50 -0.63 0.00	45.12 -0.78 0.00	44.56 -0.64 0.00
ALCOA_RYNLDS___DRP 24188	29.63 -0.54 0.00	25.39 -0.56 0.00	23.89 -0.51 0.00	24.13 -0.53 0.00	23.45 -0.46 0.00	22.84 -0.33 0.00	28.23 -0.43 0.00	31.45 -0.32 0.00	30.11 -0.48 0.00	33.76 -0.76 0.00	42.14 -1.33 0.00	45.72 -1.66 0.00	31.32 -1.81 17.18	48.18 -2.05 0.00	75.20 -2.41 0.00	91.98 -1.58 0.00	87.20 -1.35 0.00	275.03 -4.13 0.00	890.03 -12.28 0.00	84.53 -0.81 0.00	54.19 -0.63 0.00	54.50 -0.63 0.00	45.12 -0.78 0.00	44.56 -0.64 0.00
ALCOA___DSASP 323711	29.64 -0.54 0.00	25.39 -0.56 0.00	23.89 -0.51 0.00	24.12 -0.54 0.00	23.45 -0.46 0.00	22.84 -0.33 0.00	28.23 -0.43 0.00	31.45 -0.32 0.00	30.11 -0.48 0.00	33.76 -0.75 0.00	42.14 -1.33 0.00	45.72 -1.66 0.00	31.31 -1.81 17.18	48.18 -2.05 0.00	75.20 -2.41 0.00	91.98 -1.58 0.00	87.20 -1.35 0.00	275.01 -4.15 0.00	890.09 -12.22 0.00	84.53 -0.82 0.00	54.19 -0.63 0.00	54.50 -0.63 0.00	45.12 -0.78 0.00	44.56 -0.64 0.00
ALLEGHENY___COGEN 23514	31.25 1.08 0.00	26.69 0.73 0.00	24.75 0.35 0.00	24.82 0.16 0.00	23.94 0.03 0.00	23.38 0.21 0.00	29.21 0.55 0.00	32.39 0.61 0.00	31.62 1.03 0.00	36.07 1.56 0.00	44.54 1.07 0.00	47.48 0.11 0.00	49.66 -0.65 0.00	50.31 0.08 0.00	74.36 -3.25 0.00	88.51 -5.05 0.00	83.47 -5.08 0.00	262.69 -16.47 0.00	865.23 -37.08 0.00	83.59 -1.75 0.00	54.74 -0.08 0.00	54.84 -0.29 0.00	48.42 2.52 0.00	47.18 1.98 0.00
ALTAMONT_115KV_TB 2 55880	30.87 0.70 0.00	26.58 0.63 0.00	25.02 0.61 0.00	25.33 0.67 0.00	24.55 0.63 0.00	23.70 0.53 0.00	29.37 0.72 0.00	32.48 0.71 0.00	31.22 0.63 0.00	35.17 0.65 0.00	44.38 0.91 0.00	48.36 0.99 0.00	51.26 0.95 0.00	51.23 1.00 0.00	79.08 1.47 0.00	95.27 1.71 0.00	90.18 1.63 0.00	284.23 5.07 0.00	920.35 18.04 0.00	86.88 1.53 0.00	125.76 1.16 -69.78	148.39 1.27 -91.99	46.89 0.99 0.00	46.20 1.00 0.00
ALTONA_WT_PWR 323606	30.07 -0.10 0.00	25.48 -0.47 0.00	24.22 -0.18 0.00	24.43 -0.23 0.00	23.72 -0.19 0.00	22.92 -0.25 0.00	28.21 -0.44 0.00	31.61 -0.17 0.00	30.49 -0.09 0.00	34.21 -0.30 0.00	42.58 -0.88 0.00	45.79 -1.58 0.00	30.40 -2.12 17.79	47.95 -2.28 0.00	74.98 -2.63 0.00	90.64 -2.92 0.00	86.13 -2.42 0.00	271.88 -7.29 0.00	881.15 -21.16 0.00	83.65 -1.70 0.00	53.68 -1.14 0.00	53.96 -1.17 0.00	45.03 -0.86 0.00	44.81 -0.39 0.00
AMERICAN_REF_FUEL 24010	30.90 0.73 0.00	26.48 0.53 0.00	24.34 -0.07 0.00	24.31 -0.35 0.00	23.27 -0.64 0.00	22.65 -0.51 0.00	28.16 -0.50 0.00	31.12 -0.66 0.00	30.60 0.01 0.00	35.39 0.87 0.00	44.73 1.27 0.00	49.07 1.69 0.00	52.95 2.65 0.00	53.64 3.42 0.00	79.30 1.68 0.00	93.34 -0.21 0.00	87.88 -0.67 0.00	276.67 -2.49 0.00	892.28 -10.03 0.00	85.25 -0.09 0.00	54.90 0.08 0.00	55.17 0.04 0.00	45.56 -0.34 0.00	44.54 -0.65 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	31.06 0.89 0.00	26.66 0.71 0.00	24.46 0.05 0.00	24.47 -0.19 0.00	23.50 -0.41 0.00	22.96 -0.21 0.00	29.10 0.45 0.00	32.62 0.84 0.00	32.05 1.46 0.00	37.37 2.85 0.00	47.40 3.93 0.00	52.38 5.00 0.00	56.11 5.81 0.00	56.90 6.67 0.00	85.24 7.62 0.00	101.48 7.92 0.00	94.84 6.29 0.00	303.05 23.88 0.00	949.37 47.06 0.00	89.35 4.01 0.00	57.51 2.68 0.00	57.24 2.11 0.00	47.52 1.62 0.00	46.15 0.95 0.00
ARTHUR KILL_GT_1 23520	31.66 1.49 0.00	27.19 1.24 0.00	25.56 1.15 0.00	25.77 1.11 0.00	24.99 1.08 0.00	24.24 1.08 0.00	30.13 1.47 0.00	33.48 1.70 0.00	32.47 1.88 0.00	36.59 2.07 0.00	45.96 2.50 0.01	50.16 2.78 0.00	51.23 2.80 1.88	53.18 2.95 0.00	82.35 4.74 0.00	98.87 5.31 0.00	92.99 4.44 0.00	290.26 11.10 0.00	932.96 30.66 0.01	87.13 2.71 0.93	71.40 2.00 -14.58	76.20 1.88 -19.19	46.56 1.52 0.85	46.59 1.54 0.14
ARTHUR_KILL_2 23512	31.57 1.39 0.00	27.10 1.15 0.00	25.47 1.07 0.00	25.69 1.03 0.00	24.92 1.00 0.00	24.16 1.00 0.00	30.03 1.37 0.00	33.38 1.61 0.00	32.37 1.78 0.00	36.48 1.96 0.00	45.81 2.35 0.01	49.98 2.60 0.00	51.03 2.61 1.88	52.97 2.74 0.00	82.01 4.40 0.00	98.41 4.86 0.00	92.57 4.01 0.00	288.87 9.71 0.00	928.46 26.16 0.01	86.71 2.29 0.93	71.13 1.73 -14.58	75.93 1.61 -19.19	46.35 1.30 0.85	46.41 1.36 0.14
ARTHUR_KILL_3 23513	31.53 1.36 0.00	27.10 1.15 0.00	25.45 1.05 0.00	25.69 1.03 0.00	24.91 1.00 0.00	24.16 0.99 0.00	30.03 1.37 0.00	33.41 1.64 0.00	32.35 1.76 0.00	36.53 2.01 0.00	45.99 2.52 0.00	50.07 2.69 0.00	51.05 2.64 1.89	53.10 2.88 0.00	82.13 4.51 0.00	95.03 5.25 3.78	81.05 4.77 12.27	183.11 12.91 108.96	847.71 34.39 88.99	85.88 2.67 2.14	70.21 1.68 -13.71	75.84 1.74 -18.97	46.44 1.40 0.85	46.60 1.55 0.14

ARTHUR_KILL_COGEN 323718	31.66 1.49 0.00	27.19 1.24 0.00	25.56 1.15 0.00	25.77 1.11 0.00	24.99 1.08 0.00	24.24 1.08 0.00	30.13 1.47 0.00	33.48 1.70 0.00	32.47 1.88 0.00	36.59 2.07 0.00	45.96 2.50 0.01	50.16 2.78 0.00	51.23 2.80 1.88	53.18 2.95 0.00	82.35 4.74 0.00	98.87 5.31 0.00	92.99 4.44 0.00	290.26 11.10 0.00	932.96 30.66 0.01	87.13 2.71 0.93	71.40 2.00 -14.58	76.20 1.88 -19.19	46.56 1.52 0.85	46.59 1.54 0.14
ASHOKAN____ 23654	31.93 1.76 0.00	27.40 1.45 0.00	25.75 1.35 0.00	26.05 1.39 0.00	25.24 1.33 0.00	24.37 1.21 0.00	30.26 1.61 0.00	33.44 1.67 0.00	32.09 1.50 0.00	36.04 1.52 0.00	45.49 2.03 0.00	49.74 2.36 0.00	52.82 2.52 0.00	53.01 2.79 0.00	81.93 4.31 0.00	99.96 6.40 0.00	94.75 6.20 0.00	296.96 17.80 0.00	949.49 47.19 0.00	90.05 4.71 0.00	103.98 3.27 -45.89	119.07 3.43 -60.51	48.58 2.68 0.00	47.66 2.46 0.00
ASTORIA_EAST_ENERGY_CC1 323581	31.76 1.59 0.00	27.28 1.33 0.00	25.69 1.28 0.00	25.89 1.23 0.00	25.12 1.20 0.00	24.37 1.20 -0.01	30.22 1.56 0.00	33.65 1.88 0.00	32.55 1.96 0.00	36.65 2.13 0.00	46.10 2.64 0.00	50.26 2.88 0.00	53.17 2.87 0.00	53.35 3.12 0.00	82.50 4.88 0.00	99.15 5.57 -0.02	93.57 5.02 0.00	292.48 13.32 0.00	937.56 35.26 0.01	88.22 2.88 0.00	71.24 1.84 -14.58	76.26 1.90 -19.23	47.57 1.67 -0.01	47.09 1.89 0.00
ASTORIA_EAST_ENERGY_CC2 323582	31.76 1.59 0.00	27.28 1.33 0.00	25.69 1.28 0.00	25.89 1.23 0.00	25.11 1.20 0.00	24.37 1.19 -0.01	30.22 1.56 0.00	33.65 1.88 0.00	32.55 1.96 0.00	36.65 2.13 0.00	46.10 2.64 0.00	50.26 2.88 0.00	53.17 2.87 0.00	53.35 3.12 0.00	82.50 4.88 0.00	99.15 5.57 -0.02	93.57 5.02 0.00	292.48 13.32 0.00	937.56 35.26 0.01	88.22 2.88 0.00	71.24 1.84 -14.58	76.26 1.90 -19.23	47.57 1.67 -0.01	47.09 1.89 0.00
ASTORIA_GT2_1 24094	31.78 1.61 0.00	27.30 1.35 0.00	25.71 1.30 0.00	25.90 1.24 0.00	25.11 1.20 0.00	24.38 1.21 -0.01	30.23 1.58 0.00	33.67 1.89 0.00	32.57 1.98 0.00	36.67 2.16 0.00	46.15 2.68 0.00	50.30 2.92 0.00	53.19 2.88 0.00	53.38 3.16 0.00	82.54 4.93 0.00	99.22 5.64 -0.02	93.60 5.05 0.00	292.56 13.40 0.00	938.71 36.41 0.01	88.29 2.94 0.00	71.26 1.86 -14.58	76.29 1.94 -19.23	47.59 1.69 0.00	47.11 1.91 0.00
ASTORIA_GT2_2 24095	31.78 1.61 0.00	27.30 1.35 0.00	25.71 1.30 0.00	25.90 1.24 0.00	25.11 1.20 0.00	24.38 1.21 -0.01	30.23 1.58 0.00	33.67 1.89 0.00	32.57 1.98 0.00	36.67 2.16 0.00	46.15 2.68 0.00	50.30 2.92 0.00	53.19 2.88 0.00	53.38 3.16 0.00	82.54 4.93 0.00	99.22 5.64 -0.02	93.60 5.05 0.00	292.56 13.40 0.00	938.71 36.41 0.01	88.29 2.94 0.00	71.26 1.86 -14.58	76.29 1.94 -19.23	47.59 1.69 0.00	47.11 1.91 0.00
ASTORIA_GT2_3 24096	31.78 1.61 0.00	27.30 1.35 0.00	25.71 1.30 0.00	25.90 1.24 0.00	25.11 1.20 0.00	24.38 1.21 -0.01	30.23 1.58 0.00	33.67 1.89 0.00	32.57 1.98 0.00	36.67 2.16 0.00	46.15 2.68 0.00	50.30 2.92 0.00	53.19 2.88 0.00	53.38 3.16 0.00	82.54 4.93 0.00	99.22 5.64 -0.02	93.60 5.05 0.00	292.56 13.40 0.00	938.71 36.41 0.01	88.29 2.94 0.00	71.26 1.86 -14.58	76.29 1.94 -19.23	47.59 1.69 0.00	47.11 1.91 0.00
ASTORIA_GT2_4 24097	31.78 1.61 0.00	27.30 1.35 0.00	25.71 1.30 0.00	25.90 1.24 0.00	25.11 1.20 0.00	24.38 1.21 -0.01	30.23 1.58 0.00	33.67 1.89 0.00	32.57 1.98 0.00	36.67 2.16 0.00	46.15 2.68 0.00	50.30 2.92 0.00	53.19 2.88 0.00	53.38 3.16 0.00	82.54 4.93 0.00	99.22 5.64 -0.02	93.60 5.05 0.00	292.56 13.40 0.00	938.71 36.41 0.01	88.29 2.94 0.00	71.26 1.86 -14.58	76.29 1.94 -19.23	47.59 1.69 0.00	47.11 1.91 0.00
ASTORIA_GT3_1 24098	31.78 1.61 0.00	27.30 1.35 0.00	25.71 1.30 0.00	25.90 1.24 0.00	25.11 1.20 0.00	24.38 1.21 -0.01	30.23 1.58 0.00	33.67 1.89 0.00	32.57 1.98 0.00	36.67 2.16 0.00	46.15 2.68 0.00	50.30 2.92 0.00	53.19 2.88 0.00	53.38 3.16 0.00	82.54 4.93 0.00	99.22 5.64 -0.02	93.60 5.05 0.00	292.56 13.40 0.00	938.71 36.41 0.01	88.29 2.94 0.00	71.26 1.86 -14.58	76.29 1.94 -19.23	47.59 1.69 0.00	47.11 1.91 0.00
ASTORIA_GT3_2 24099	31.78 1.61 0.00	27.30 1.35 0.00	25.71 1.30 0.00	25.90 1.24 0.00	25.11 1.20 0.00	24.38 1.21 -0.01	30.23 1.58 0.00	33.67 1.89 0.00	32.57 1.98 0.00	36.67 2.16 0.00	46.15 2.68 0.00	50.30 2.92 0.00	53.19 2.88 0.00	53.38 3.16 0.00	82.54 4.93 0.00	99.22 5.64 -0.02	93.60 5.05 0.00	292.56 13.40 0.00	938.71 36.41 0.01	88.29 2.94 0.00	71.26 1.86 -14.58	76.29 1.94 -19.23	47.59 1.69 0.00	47.11 1.91 0.00
ASTORIA_GT3_3 24100	31.78 1.61 0.00	27.30 1.35 0.00	25.71 1.30 0.00	25.90 1.24 0.00	25.11 1.20 0.00	24.38 1.21 -0.01	30.23 1.58 0.00	33.67 1.89 0.00	32.57 1.98 0.00	36.67 2.16 0.00	46.15 2.68 0.00	50.30 2.92 0.00	53.19 2.88 0.00	53.38 3.16 0.00	82.54 4.93 0.00	99.22 5.64 -0.02	93.60 5.05 0.00	292.56 13.40 0.00	938.71 36.41 0.01	88.29 2.94 0.00	71.26 1.86 -14.58	76.29 1.94 -19.23	47.59 1.69 0.00	47.11 1.91 0.00
ASTORIA_GT3_4 24101	31.78 1.61 0.00	27.30 1.35 0.00	25.71 1.30 0.00	25.90 1.24 0.00	25.11 1.20 0.00	24.38 1.21 -0.01	30.23 1.58 0.00	33.67 1.89 0.00	32.57 1.98 0.00	36.67 2.16 0.00	46.15 2.68 0.00	50.30 2.92 0.00	53.19 2.88 0.00	53.38 3.16 0.00	82.54 4.93 0.00	99.22 5.64 -0.02	93.60 5.05 0.00	292.56 13.40 0.00	938.71 36.41 0.01	88.29 2.94 0.00	71.26 1.86 -14.58	76.29 1.94 -19.23	47.59 1.69 0.00	47.11 1.91 0.00
ASTORIA_GT4_1 24102	31.78 1.61 0.00	27.30 1.35 0.00	25.71 1.30 0.00	25.90 1.24 0.00	25.11 1.20 0.00	24.38 1.21 -0.01	30.23 1.58 0.00	33.67 1.89 0.00	32.57 1.98 0.00	36.67 2.16 0.00	46.15 2.68 0.00	50.30 2.92 0.00	53.19 2.88 0.00	53.38 3.16 0.00	82.54 4.93 0.00	99.22 5.64 -0.02	93.60 5.05 0.00	292.56 13.40 0.00	938.71 36.41 0.01	88.29 2.94 0.00	71.26 1.86 -14.58	76.29 1.94 -19.23	47.59 1.69 0.00	47.11 1.91 0.00
ASTORIA_GT4_2 24103	31.78 1.61 0.00	27.30 1.35 0.00	25.71 1.30 0.00	25.90 1.24 0.00	25.11 1.20 0.00	24.38 1.21 -0.01	30.23 1.58 0.00	33.67 1.89 0.00	32.57 1.98 0.00	36.67 2.16 0.00	46.15 2.68 0.00	50.30 2.92 0.00	53.19 2.88 0.00	53.38 3.16 0.00	82.54 4.93 0.00	99.22 5.64 -0.02	93.60 5.05 0.00	292.56 13.40 0.00	938.71 36.41 0.01	88.29 2.94 0.00	71.26 1.86 -14.58	76.29 1.94 -19.23	47.59 1.69 0.00	47.11 1.91 0.00
ASTORIA_GT4_3 24104	31.78 1.61 0.00	27.30 1.35 0.00	25.71 1.30 0.00	25.90 1.24 0.00	25.11 1.20 0.00	24.38 1.21 -0.01	30.23 1.58 0.00	33.67 1.89 0.00	32.57 1.98 0.00	36.67 2.16 0.00	46.15 2.68 0.00	50.30 2.92 0.00	53.19 2.88 0.00	53.38 3.16 0.00	82.54 4.93 0.00	99.22 5.64 -0.02	93.60 5.05 0.00	292.56 13.40 0.00	938.71 36.41 0.01	88.29 2.94 0.00	71.26 1.86 -14.58	76.29 1.94 -19.23	47.59 1.69 0.00	47.11 1.91 0.00

ASTORIA_GT4_4 24105	31.78 1.61 0.00	27.30 1.35 0.00	25.71 1.30 0.00	25.90 1.24 0.00	25.11 1.20 0.00	24.38 1.21 -0.01	30.23 1.58 0.00	33.67 1.89 0.00	32.57 1.98 0.00	36.67 2.16 0.00	46.15 2.68 0.00	50.30 2.92 0.00	53.19 2.88 0.00	53.38 3.16 0.00	82.54 4.93 0.00	99.22 5.64 -0.02	93.60 5.05 0.00	292.56 13.40 0.00	938.71 36.41 0.01	88.29 2.94 0.00	71.26 1.86 -14.58	76.29 1.94 -19.23	47.59 1.69 0.00	47.11 1.91 0.00
ASTORIA_GT_1 23523	31.84 1.67 0.00	27.35 1.40 0.00	25.75 1.34 0.00	25.94 1.28 0.00	25.17 1.25 0.00	24.42 1.25 -0.01	30.29 1.63 0.00	33.75 1.97 0.00	32.65 2.06 0.00	36.76 2.25 0.00	46.26 2.79 0.00	50.43 3.05 0.00	53.34 3.03 0.00	53.54 3.31 0.00	82.78 5.17 0.00	99.50 5.92 -0.02	93.86 5.31 0.00	293.37 14.21 0.00	940.43 38.13 0.01	88.50 3.15 0.00	71.41 2.00 -14.58	76.44 2.09 -19.23	47.72 1.81 -0.01	47.23 2.03 0.00
ASTORIA_GT_10 24110	31.68 1.51 0.00	27.21 1.25 0.00	25.57 1.17 0.00	25.81 1.15 0.00	25.03 1.12 0.00	24.28 1.11 0.00	30.18 1.52 0.00	33.62 1.84 0.00	32.56 1.97 0.00	36.72 2.20 0.00	46.19 2.73 0.00	50.33 2.96 0.00	53.26 2.96 0.00	53.40 3.17 0.00	82.60 4.99 0.00	99.23 5.67 0.00	93.64 5.09 0.00	292.48 13.32 0.00	937.88 35.58 0.01	87.29 2.88 0.93	71.26 1.86 -14.58	76.24 1.92 -19.19	47.52 1.62 0.00	47.01 1.81 0.00
ASTORIA_GT_11 24225	31.68 1.51 0.00	27.21 1.25 0.00	25.57 1.17 0.00	25.81 1.15 0.00	25.03 1.12 0.00	24.28 1.11 0.00	30.18 1.52 0.00	33.62 1.84 0.00	32.56 1.97 0.00	36.72 2.20 0.00	46.19 2.73 0.00	50.33 2.96 0.00	53.26 2.96 0.00	53.40 3.17 0.00	82.60 4.99 0.00	99.23 5.67 0.00	93.64 5.09 0.00	292.48 13.32 0.00	937.88 35.58 0.01	87.29 2.88 0.93	71.26 1.86 -14.58	76.24 1.92 -19.19	47.52 1.62 0.00	47.01 1.81 0.00
ASTORIA_GT_12 24226	31.68 1.51 0.00	27.21 1.25 0.00	25.57 1.17 0.00	25.81 1.15 0.00	25.03 1.12 0.00	24.28 1.11 0.00	30.18 1.52 0.00	33.62 1.84 0.00	32.56 1.97 0.00	36.72 2.20 0.00	46.19 2.73 0.00	50.33 2.96 0.00	53.26 2.96 0.00	53.40 3.17 0.00	82.60 4.99 0.00	99.23 5.67 0.00	93.64 5.09 0.00	292.48 13.32 0.00	937.88 35.58 0.01	87.29 2.88 0.93	71.26 1.86 -14.58	76.24 1.92 -19.19	47.52 1.62 0.00	47.01 1.81 0.00
ASTORIA_GT_13 24227	31.68 1.51 0.00	27.21 1.25 0.00	25.57 1.17 0.00	25.81 1.15 0.00	25.03 1.12 0.00	24.28 1.11 0.00	30.18 1.52 0.00	33.62 1.84 0.00	32.56 1.97 0.00	36.72 2.20 0.00	46.19 2.73 0.00	50.33 2.96 0.00	53.26 2.96 0.00	53.40 3.17 0.00	82.60 4.99 0.00	99.23 5.67 0.00	93.64 5.09 0.00	292.48 13.32 0.00	937.88 35.58 0.01	87.29 2.88 0.93	71.26 1.86 -14.58	76.24 1.92 -19.19	47.52 1.62 0.00	47.01 1.81 0.00
ASTORIA_GT_5 24106	31.84 1.67 0.00	27.35 1.40 0.00	25.75 1.34 0.00	25.95 1.29 0.00	25.16 1.24 0.00	24.42 1.25 -0.01	30.29 1.63 0.00	33.74 1.97 0.00	32.65 2.06 0.00	36.76 2.25 0.00	46.26 2.79 0.00	50.43 3.06 0.00	53.34 3.04 0.00	53.54 3.31 0.00	82.78 5.17 0.00	99.50 5.92 -0.02	93.86 5.31 0.00	293.40 14.23 0.00	941.06 38.76 0.01	88.50 3.16 0.00	71.40 2.00 -14.58	76.44 2.08 -19.23	47.72 1.82 0.00	47.22 2.03 0.00
ASTORIA_GT_7 24107	31.84 1.67 0.00	27.35 1.40 0.00	25.75 1.34 0.00	25.95 1.29 0.00	25.16 1.24 0.00	24.42 1.25 -0.01	30.29 1.63 0.00	33.74 1.97 0.00	32.65 2.06 0.00	36.76 2.25 0.00	46.26 2.79 0.00	50.43 3.06 0.00	53.34 3.04 0.00	53.54 3.31 0.00	82.78 5.17 0.00	99.50 5.92 -0.02	93.86 5.31 0.00	293.40 14.23 0.00	941.06 38.76 0.01	88.50 3.16 0.00	71.40 2.00 -14.58	76.44 2.08 -19.23	47.72 1.82 0.00	47.22 2.03 0.00
ASTORIA_GT_8 24108	31.84 1.67 0.00	27.35 1.40 0.00	25.75 1.34 0.00	25.95 1.29 0.00	25.16 1.24 0.00	24.42 1.25 -0.01	30.29 1.63 0.00	33.74 1.97 0.00	32.65 2.06 0.00	36.76 2.25 0.00	46.26 2.79 0.00	50.43 3.06 0.00	53.34 3.04 0.00	53.54 3.31 0.00	82.78 5.17 0.00	99.50 5.92 -0.02	93.86 5.31 0.00	293.40 14.23 0.00	941.06 38.76 0.01	88.50 3.16 0.00	71.40 2.00 -14.58	76.44 2.08 -19.23	47.72 1.82 0.00	47.22 2.03 0.00
ASTORIA___2 24149	31.78 1.61 0.00	27.30 1.35 0.00	25.70 1.30 0.00	25.90 1.24 0.00	25.12 1.21 0.00	24.38 1.21 -0.01	30.23 1.58 0.00	33.67 1.89 0.00	32.57 1.98 0.00	36.67 2.16 0.00	46.14 2.68 0.00	50.29 2.91 0.00	53.19 2.88 0.00	53.38 3.16 0.00	82.55 4.93 0.00	99.21 5.63 -0.02	93.59 5.04 0.00	292.58 13.42 0.00	937.78 35.48 0.01	88.27 2.93 0.00	71.26 1.86 -14.58	76.30 1.94 -19.23	47.59 1.69 -0.01	47.11 1.91 0.00
ASTORIA___3 23516	31.68 1.51 0.00	27.21 1.25 0.00	25.57 1.17 0.00	25.80 1.14 0.00	25.03 1.12 0.00	24.28 1.11 0.00	30.18 1.52 0.00	33.62 1.85 0.00	32.56 1.97 0.00	36.72 2.20 0.00	46.18 2.72 0.00	50.33 2.95 0.00	53.26 2.95 0.00	53.40 3.18 0.00	82.58 4.97 0.00	99.23 5.67 0.00	93.64 5.08 0.00	292.49 13.32 0.00	937.48 35.18 0.01	87.29 2.87 0.93	71.26 1.86 -14.58	76.23 1.91 -19.19	47.51 1.61 0.00	47.00 1.81 0.00
ASTORIA___4 23517	31.68 1.51 0.00	27.21 1.25 0.00	25.57 1.17 0.00	25.81 1.15 0.00	25.03 1.12 0.00	24.28 1.11 0.00	30.18 1.52 0.00	33.62 1.84 0.00	32.56 1.97 0.00	36.72 2.20 0.00	46.19 2.73 0.00	50.33 2.95 0.00	53.25 2.95 0.00	53.40 3.17 0.00	82.58 4.97 0.00	99.23 5.67 0.00	93.64 5.09 0.00	292.48 13.32 0.00	937.81 35.51 0.01	87.29 2.88 0.93	71.26 1.85 -14.58	76.23 1.91 -19.19	47.52 1.62 0.00	47.00 1.81 0.00
ASTORIA___5 23518	31.78 1.61 0.00	27.30 1.35 0.00	25.70 1.30 0.00	25.90 1.24 0.00	25.12 1.21 0.00	24.38 1.21 -0.01	30.23 1.58 0.00	33.67 1.89 0.00	32.57 1.98 0.00	36.67 2.16 0.00	46.14 2.68 0.00	50.29 2.91 0.00	53.19 2.88 0.00	53.38 3.16 0.00	82.55 4.93 0.00	99.21 5.63 -0.02	93.59 5.04 0.00	292.58 13.42 0.00	937.76 35.46 0.01	88.27 2.93 0.00	71.26 1.86 -14.58	76.30 1.94 -19.23	47.59 1.68 -0.01	47.11 1.91 0.00
AST_ENERGY_2_CC3 323677	31.62 1.45 0.00	27.18 1.23 0.00	25.54 1.13 0.00	25.77 1.11 0.00	25.01 1.09 0.00	24.25 1.09 0.00	30.12 1.47 0.00	33.51 1.73 0.00	32.47 1.88 0.00	36.66 2.14 0.00	46.12 2.66 0.00	50.27 2.89 0.00	53.19 2.89 0.00	53.34 3.11 0.00	82.46 4.85 0.00	99.22 5.66 0.00	93.73 5.17 0.00	293.33 14.16 0.00	940.41 38.10 0.00	88.35 3.00 0.00	71.30 1.89 -14.59	76.31 1.96 -19.23	47.49 1.59 0.00	46.93 1.73 0.00
AST_ENERGY_2_CC4 323678	31.62 1.45 0.00	27.18 1.23 0.00	25.54 1.13 0.00	25.77 1.11 0.00	25.01 1.09 0.00	24.25 1.09 0.00	30.12 1.47 0.00	33.51 1.73 0.00	32.47 1.88 0.00	36.66 2.14 0.00	46.12 2.66 0.00	50.27 2.89 0.00	53.19 2.89 0.00	53.34 3.11 0.00	82.46 4.85 0.00	99.22 5.66 0.00	93.73 5.17 0.00	293.33 14.16 0.00	940.41 38.10 0.00	88.35 3.00 0.00	71.30 1.89 -14.59	76.31 1.96 -19.23	47.49 1.59 0.00	46.93 1.73 0.00

ATHENS_STG_1 23668	30.84 0.66 0.00	26.57 0.62 0.00	25.02 0.62 0.00	25.32 0.66 0.00	24.55 0.64 0.00	23.71 0.54 0.00	29.36 0.71 0.00	32.52 0.74 0.00	31.35 0.76 0.00	35.34 0.82 0.00	44.55 1.09 0.00	48.59 1.21 0.00	51.48 1.18 0.00	51.51 1.28 0.00	79.49 1.88 0.00	95.75 2.20 0.00	90.58 2.03 0.00	284.78 5.62 0.00	918.97 16.66 0.00	86.63 1.28 0.00	67.20 0.91 -11.47	71.31 1.05 -15.12	46.74 0.84 0.00	46.08 0.89 0.00
ATHENS_STG_2 23670	30.84 0.66 0.00	26.57 0.62 0.00	25.02 0.62 0.00	25.32 0.66 0.00	24.55 0.64 0.00	23.71 0.54 0.00	29.36 0.71 0.00	32.52 0.74 0.00	31.35 0.76 0.00	35.34 0.82 0.00	44.55 1.09 0.00	48.59 1.21 0.00	51.48 1.18 0.00	51.51 1.28 0.00	79.49 1.88 0.00	95.75 2.20 0.00	90.58 2.03 0.00	284.78 5.62 0.00	918.97 16.66 0.00	86.63 1.28 0.00	67.20 0.91 -11.47	71.31 1.05 -15.12	46.74 0.84 0.00	46.08 0.89 0.00
ATHENS_STG_3 23677	30.84 0.66 0.00	26.57 0.62 0.00	25.02 0.62 0.00	25.32 0.66 0.00	24.55 0.64 0.00	23.71 0.54 0.00	29.36 0.71 0.00	32.52 0.74 0.00	31.35 0.76 0.00	35.34 0.82 0.00	44.55 1.09 0.00	48.59 1.21 0.00	51.48 1.18 0.00	51.51 1.28 0.00	79.49 1.88 0.00	95.75 2.20 0.00	90.58 2.03 0.00	284.78 5.62 0.00	918.97 16.66 0.00	86.63 1.28 0.00	67.20 0.91 -11.47	71.31 1.05 -15.12	46.74 0.84 0.00	46.08 0.89 0.00
AUBURN___LFGE 323710	30.87 0.70 0.00	26.55 0.60 0.00	24.75 0.35 0.00	25.02 0.35 0.00	24.15 0.23 0.00	23.45 0.28 0.00	29.06 0.41 0.00	32.31 0.53 0.00	31.29 0.71 0.00	35.45 0.93 0.00	45.45 1.46 -0.52	52.36 1.66 -3.32	53.78 1.83 -1.65	54.46 2.11 -2.13	88.41 2.30 -8.50	106.18 2.34 -10.28	98.83 2.09 -8.19	298.90 7.94 -11.79	942.53 26.30 -13.92	96.97 2.78 -8.85	61.81 1.86 -5.13	62.03 1.75 -5.16	50.73 1.17 -3.66	48.37 1.00 -2.18
BABYLON_RES_REC 323704	46.49 2.14 -14.17	31.80 1.81 -4.04	26.04 1.64 0.00	26.33 1.67 0.00	25.48 1.57 0.00	24.72 1.55 0.00	30.70 2.05 0.00	34.03 2.26 0.00	32.97 2.38 0.00	38.14 2.76 -0.86	46.90 3.43 0.00	50.92 3.54 0.00	53.73 3.52 0.09	53.76 3.66 0.12	83.16 5.55 0.00	100.24 6.68 0.00	95.30 6.50 -0.25	295.97 16.80 0.00	945.78 43.47 0.00	91.51 4.35 -1.82	72.13 2.72 -14.58	77.54 2.80 -19.61	52.14 2.55 -3.69	58.98 2.82 -10.97
BABYLON___69_KV_BK2 356345	46.85 2.50 -14.17	32.10 2.11 -4.04	26.32 1.92 0.00	26.61 1.95 0.00	25.75 1.84 0.00	24.99 1.82 0.00	31.04 2.38 0.00	34.41 2.63 0.00	33.36 2.77 0.00	38.61 3.24 -0.85	47.52 4.06 0.00	51.60 4.22 0.00	54.39 4.23 0.15	54.44 4.42 0.20	84.25 6.64 0.00	101.46 7.79 -0.11	96.98 7.52 -0.90	298.68 19.52 0.00	953.92 51.62 0.00	92.49 5.33 -1.82	72.71 3.31 -14.58	78.16 3.42 -19.61	52.74 3.15 -3.69	59.57 3.41 -10.97
BALL_HILL_WT_PWR 323825	31.31 1.14 0.00	26.81 0.86 0.00	24.70 0.29 0.00	24.74 0.08 0.00	23.75 -0.16 0.00	23.17 0.00 0.00	28.97 0.32 0.00	32.23 0.46 0.00	31.68 1.10 0.00	36.68 2.17 0.00	46.40 2.94 0.00	51.22 3.85 0.00	54.91 4.60 0.00	55.59 5.37 0.00	83.15 5.54 0.00	99.29 5.73 0.00	92.95 4.39 0.00	296.17 17.00 0.00	937.87 35.56 0.00	88.42 3.07 0.00	56.97 2.15 0.00	57.05 1.92 0.00	47.26 1.36 0.00	46.10 0.90 0.00
BARON_WINDS___WT_PWR 323822	30.36 0.19 0.00	25.90 -0.05 0.00	24.07 -0.33 0.00	24.20 -0.47 0.00	23.40 -0.51 0.00	22.89 -0.28 0.00	28.59 -0.07 0.00	31.74 -0.03 0.00	31.20 0.61 0.00	36.09 1.57 0.00	45.70 2.10 -0.13	51.18 2.98 -0.82	53.89 3.18 -0.41	54.39 3.64 -0.53	83.33 3.61 -2.10	99.10 3.00 -2.54	92.79 2.21 -2.03	291.44 9.36 -2.92	930.64 24.89 -3.44	89.73 2.20 -2.19	57.65 1.56 -1.27	57.83 1.43 -1.28	47.60 0.79 -0.91	46.41 0.67 -0.54
BARRETT_IC_1 23704	46.18 1.84 -14.17	31.55 1.55 -4.04	25.80 1.39 0.00	26.07 1.41 0.00	25.25 1.34 0.00	24.48 1.31 0.00	30.43 1.77 0.00	33.69 1.91 0.00	32.60 2.01 0.00	37.71 2.33 -0.86	46.35 2.89 0.00	50.47 3.09 0.00	53.38 3.08 0.00	53.45 3.21 -0.02	82.23 4.62 0.00	99.08 5.42 -0.11	93.77 5.22 0.00	292.55 13.38 0.00	935.12 32.81 0.00	90.16 3.00 -1.82	71.55 2.15 -14.58	77.16 2.42 -19.61	51.85 2.26 -3.69	58.60 2.44 -10.97
BARRETT_IC_10 23701	46.18 1.84 -14.17	31.55 1.55 -4.04	25.80 1.39 0.00	26.07 1.41 0.00	25.25 1.34 0.00	24.48 1.31 0.00	30.43 1.77 0.00	33.69 1.91 0.00	32.60 2.01 0.00	37.71 2.33 -0.86	46.35 2.89 0.00	50.47 3.09 0.00	53.38 3.08 0.00	53.45 3.21 -0.02	82.23 4.62 0.00	97.71 5.42 1.26	93.77 5.22 0.00	292.55 13.38 0.00	935.12 32.81 0.00	90.16 3.00 -1.82	71.55 2.15 -14.58	77.16 2.42 -19.61	51.85 2.26 -3.69	58.60 2.44 -10.97
BARRETT_IC_11 23702	46.18 1.84 -14.17	31.55 1.55 -4.04	25.80 1.39 0.00	26.07 1.41 0.00	25.25 1.34 0.00	24.48 1.31 0.00	30.43 1.77 0.00	33.69 1.91 0.00	32.60 2.01 0.00	37.71 2.33 -0.86	46.35 2.89 0.00	50.47 3.09 0.00	53.38 3.08 0.00	53.45 3.21 -0.02	82.23 4.62 0.00	97.71 5.42 1.26	93.77 5.22 0.00	292.55 13.38 0.00	935.12 32.81 0.00	90.16 3.00 -1.82	71.55 2.15 -14.58	77.16 2.42 -19.61	51.85 2.26 -3.69	58.60 2.44 -10.97
BARRETT_IC_12 23703	46.18 1.84 -14.17	31.55 1.55 -4.04	25.80 1.39 0.00	26.07 1.41 0.00	25.25 1.34 0.00	24.48 1.31 0.00	30.43 1.77 0.00	33.69 1.91 0.00	32.60 2.01 0.00	37.71 2.33 -0.86	46.35 2.89 0.00	50.47 3.09 0.00	53.38 3.08 0.00	53.45 3.21 -0.02	82.23 4.62 0.00	97.71 5.42 1.26	93.77 5.22 0.00	292.55 13.38 0.00	935.12 32.81 0.00	90.16 3.00 -1.82	71.55 2.15 -14.58	77.16 2.42 -19.61	51.85 2.26 -3.69	58.60 2.44 -10.97
BARRETT_IC_2 23705	46.18 1.84 -14.17	31.55 1.55 -4.04	25.80 1.39 0.00	26.07 1.41 0.00	25.25 1.34 0.00	24.48 1.31 0.00	30.43 1.77 0.00	33.69 1.91 0.00	32.60 2.01 0.00	37.71 2.33 -0.86	46.35 2.89 0.00	50.47 3.09 0.00	53.38 3.08 0.00	53.45 3.21 -0.02	82.23 4.62 0.00	99.08 5.42 -0.11	93.77 5.22 0.00	292.55 13.38 0.00	935.12 32.81 0.00	90.16 3.00 -1.82	71.55 2.15 -14.58	77.16 2.42 -19.61	51.85 2.26 -3.69	58.60 2.44 -10.97
BARRETT_IC_3 23706	46.18 1.84 -14.17	31.55 1.55 -4.04	25.80 1.39 0.00	26.07 1.41 0.00	25.25 1.34 0.00	24.48 1.31 0.00	30.43 1.77 0.00	33.69 1.91 0.00	32.60 2.01 0.00	37.71 2.33 -0.86	46.35 2.89 0.00	50.47 3.09 0.00	53.38 3.08 0.00	53.45 3.21 -0.02	82.23 4.62 0.00	99.08 5.42 -0.11	93.77 5.22 0.00	292.55 13.38 0.00	935.12 32.81 0.00	90.16 3.00 -1.82	71.55 2.15 -14.58	77.16 2.42 -19.61	51.85 2.26 -3.69	58.60 2.44 -10.97
BARRETT_IC_4 23707	46.18 1.84 -14.17	31.55 1.55 -4.04	25.80 1.39 0.00	26.07 1.41 0.00	25.25 1.34 0.00	24.48 1.31 0.00	30.43 1.77 0.00	33.69 1.91 0.00	32.60 2.01 0.00	37.71 2.33 -0.86	46.35 2.89 0.00	50.47 3.09 0.00	53.38 3.08 0.00	53.45 3.21 -0.02	82.23 4.62 0.00	99.08 5.42 -0.11	93.77 5.22 0.00	292.55 13.38 0.00	935.12 32.81 0.00	90.16 3.00 -1.82	71.55 2.15 -14.58	77.16 2.42 -19.61	51.85 2.26 -3.69	58.60 2.44 -10.97

BARRETT_IC_5 23708	46.18 1.84 -14.17	31.55 1.55 -4.04	25.80 1.39 0.00	26.07 1.41 0.00	25.25 1.34 0.00	24.48 1.31 0.00	30.43 1.77 0.00	33.69 1.91 0.00	32.60 2.01 0.00	37.71 2.33 -0.86	46.35 2.89 0.00	50.47 3.09 0.00	53.38 3.08 0.00	53.45 3.21 -0.02	82.23 4.62 0.00	99.08 5.42 -0.11	93.77 5.22 0.00	292.55 13.38 0.00	935.12 32.81 0.00	90.16 3.00 -1.82	71.55 2.15 -14.58	77.16 2.42 -19.61	51.85 2.26 -3.69	58.60 2.44 -10.97
BARRETT_IC_6 23709	46.18 1.84 -14.17	31.55 1.55 -4.04	25.80 1.39 0.00	26.07 1.41 0.00	25.25 1.34 0.00	24.48 1.31 0.00	30.43 1.77 0.00	33.69 1.91 0.00	32.60 2.01 0.00	37.71 2.33 -0.86	46.35 2.89 0.00	50.47 3.09 0.00	53.38 3.08 0.00	53.45 3.21 -0.02	82.23 4.62 0.00	99.08 5.42 -0.11	93.77 5.22 0.00	292.55 13.38 0.00	935.12 32.81 0.00	90.16 3.00 -1.82	71.55 2.15 -14.58	77.16 2.42 -19.61	51.85 2.26 -3.69	58.60 2.44 -10.97
BARRETT_IC_7 23710	46.18 1.84 -14.17	31.54 1.55 -4.04	25.80 1.39 0.00	26.08 1.41 0.00	25.25 1.33 0.00	24.48 1.31 0.00	30.43 1.77 0.00	33.69 1.91 0.00	32.60 2.01 0.00	37.71 2.33 -0.85	46.36 2.90 0.00	50.47 3.09 0.00	53.38 3.07 0.00	53.45 3.21 -0.02	82.23 4.62 0.00	99.11 5.45 -0.11	93.77 5.22 0.00	292.55 13.38 0.00	935.14 32.82 0.00	90.14 2.98 -1.82	71.54 2.13 -14.58	77.16 2.42 -19.61	51.86 2.27 -3.69	58.60 2.44 -10.97
BARRETT_IC_8 23711	46.18 1.84 -14.17	31.55 1.55 -4.04	25.80 1.39 0.00	26.07 1.41 0.00	25.25 1.34 0.00	24.48 1.31 0.00	30.43 1.77 0.00	33.69 1.91 0.00	32.60 2.01 0.00	37.71 2.33 -0.86	46.35 2.89 0.00	50.47 3.09 0.00	53.38 3.08 0.00	53.45 3.21 -0.02	82.23 4.62 0.00	99.08 5.42 -0.11	93.77 5.22 0.00	292.55 13.38 0.00	935.12 32.81 0.00	90.16 3.00 -1.82	71.55 2.15 -14.58	77.16 2.42 -19.61	51.85 2.26 -3.69	58.60 2.44 -10.97
BARRETT_IC_9 23700	46.18 1.84 -14.17	31.55 1.55 -4.04	25.80 1.39 0.00	26.07 1.41 0.00	25.25 1.34 0.00	24.48 1.31 0.00	30.43 1.77 0.00	33.69 1.91 0.00	32.60 2.01 0.00	37.71 2.33 -0.86	46.35 2.89 0.00	50.47 3.09 0.00	53.38 3.08 0.00	53.45 3.21 -0.02	82.23 4.62 0.00	97.71 5.42 1.26	93.77 5.22 0.00	292.55 13.38 0.00	935.12 32.81 0.00	90.16 3.00 -1.82	71.55 2.15 -14.58	77.16 2.42 -19.61	51.85 2.26 -3.69	58.60 2.44 -10.97
BARRETT___1 23545	46.18 1.84 -14.17	31.55 1.55 -4.04	25.80 1.39 0.00	26.07 1.41 0.00	25.25 1.34 0.00	24.48 1.31 0.00	30.43 1.77 0.00	33.69 1.91 0.00	32.60 2.01 0.00	37.71 2.33 -0.86	46.35 2.89 0.00	50.47 3.09 0.00	53.38 3.08 0.00	53.45 3.21 -0.02	82.23 4.62 0.00	99.08 5.42 -0.11	93.77 5.22 0.00	292.55 13.38 0.00	935.12 32.81 0.00	90.16 3.00 -1.82	71.55 2.15 -14.58	77.16 2.42 -19.61	51.85 2.26 -3.69	58.60 2.44 -10.97
BARRETT___2 23546	46.18 1.84 -14.17	31.55 1.55 -4.04	25.80 1.39 0.00	26.07 1.41 0.00	25.25 1.34 0.00	24.48 1.31 0.00	30.43 1.77 0.00	33.69 1.91 0.00	32.60 2.01 0.00	37.71 2.33 -0.86	46.35 2.89 0.00	50.47 3.09 0.00	53.38 3.08 0.00	53.45 3.21 -0.02	82.23 4.62 0.00	97.71 5.42 1.26	93.77 5.22 0.00	292.55 13.38 0.00	935.12 32.81 0.00	90.16 3.00 -1.82	71.55 2.15 -14.58	77.16 2.42 -19.61	51.85 2.26 -3.69	58.60 2.44 -10.97
BATAVIA__115KV_TB1 55881	32.23 2.06 0.00	27.56 1.61 0.00	25.38 0.97 0.00	25.39 0.73 0.00	24.36 0.45 0.00	23.72 0.55 0.00	29.53 0.88 0.00	32.76 0.98 0.00	32.15 1.56 0.00	37.20 2.69 0.00	46.77 3.30 0.00	50.72 3.34 0.00	54.02 3.72 0.00	54.82 4.59 0.00	81.78 4.17 0.00	97.04 3.48 0.00	91.64 3.09 0.00	290.81 11.64 0.00	941.83 39.53 0.00	89.73 4.38 0.00	57.66 2.84 0.00	58.07 2.94 0.00	48.36 2.46 0.00	47.07 1.87 0.00
BAYONEEC___CTG1 323682	31.66 1.49 0.00	27.21 1.26 0.00	25.56 1.15 0.00	25.80 1.14 0.00	25.02 1.11 0.00	24.26 1.09 0.00	30.17 1.51 0.00	33.56 1.78 0.00	32.51 1.92 0.00	36.71 2.19 0.00	46.18 2.71 0.00	50.31 2.93 0.00	51.34 2.92 1.89	53.37 3.15 0.00	82.52 4.90 0.00	95.50 5.71 3.78	81.51 5.23 12.27	184.53 14.32 108.96	852.06 38.74 88.99	86.27 3.06 2.14	70.46 1.93 -13.71	76.09 2.00 -18.97	46.66 1.62 0.85	46.97 1.78 0.00
BAYONEEC___CTG10 323750	31.66 1.49 0.00	27.21 1.26 0.00	25.56 1.15 0.00	25.80 1.14 0.00	25.02 1.11 0.00	24.26 1.09 0.00	30.17 1.51 0.00	33.56 1.78 0.00	32.51 1.92 0.00	36.71 2.19 0.00	46.18 2.71 0.00	50.31 2.93 0.00	51.34 2.92 1.89	53.37 3.15 0.00	82.52 4.90 0.00	95.50 5.71 3.78	81.51 5.23 12.27	184.53 14.32 108.96	852.06 38.74 88.99	86.27 3.06 2.14	70.46 1.93 -13.71	76.09 2.00 -18.97	46.66 1.62 0.85	46.97 1.78 0.00
BAYONEEC___CTG2 323683	31.66 1.49 0.00	27.21 1.26 0.00	25.56 1.15 0.00	25.80 1.14 0.00	25.02 1.11 0.00	24.26 1.09 0.00	30.17 1.51 0.00	33.56 1.78 0.00	32.51 1.92 0.00	36.71 2.19 0.00	46.18 2.71 0.00	50.31 2.93 0.00	51.34 2.92 1.89	53.37 3.15 0.00	82.52 4.90 0.00	95.50 5.71 3.78	81.51 5.23 12.27	184.53 14.32 108.96	852.06 38.74 88.99	86.27 3.06 2.14	70.46 1.93 -13.71	76.09 2.00 -18.97	46.66 1.62 0.85	46.97 1.78 0.00
BAYONEEC___CTG3 323684	31.66 1.49 0.00	27.21 1.26 0.00	25.56 1.15 0.00	25.80 1.14 0.00	25.02 1.11 0.00	24.26 1.09 0.00	30.17 1.51 0.00	33.56 1.78 0.00	32.51 1.92 0.00	36.71 2.19 0.00	46.18 2.71 0.00	50.31 2.93 0.00	51.34 2.92 1.89	53.37 3.15 0.00	82.52 4.90 0.00	95.50 5.71 3.78	81.51 5.23 12.27	184.53 14.32 108.96	852.06 38.74 88.99	86.27 3.06 2.14	70.46 1.93 -13.71	76.09 2.00 -18.97	46.66 1.62 0.85	46.97 1.78 0.00
BAYONEEC___CTG4 323685	31.66 1.49 0.00	27.21 1.26 0.00	25.56 1.15 0.00	25.80 1.14 0.00	25.02 1.11 0.00	24.26 1.09 0.00	30.17 1.51 0.00	33.56 1.78 0.00	32.51 1.92 0.00	36.71 2.19 0.00	46.18 2.71 0.00	50.31 2.93 0.00	51.34 2.92 1.89	53.37 3.15 0.00	82.52 4.90 0.00	95.50 5.71 3.78	81.51 5.23 12.27	184.53 14.32 108.96	852.06 38.74 88.99	86.27 3.06 2.14	70.46 1.93 -13.71	76.09 2.00 -18.97	46.66 1.62 0.85	46.97 1.78 0.00
BAYONEEC___CTG5 323686	31.66 1.49 0.00	27.21 1.26 0.00	25.56 1.15 0.00	25.80 1.14 0.00	25.02 1.11 0.00	24.26 1.09 0.00	30.17 1.51 0.00	33.56 1.78 0.00	32.51 1.92 0.00	36.71 2.19 0.00	46.18 2.71 0.00	50.31 2.93 0.00	51.34 2.92 1.89	53.37 3.15 0.00	82.52 4.90 0.00	95.50 5.71 3.78	81.51 5.23 12.27	184.53 14.32 108.96	852.06 38.74 88.99	86.27 3.06 2.14	70.46 1.93 -13.71	76.09 2.00 -18.97	46.66 1.62 0.85	46.97 1.78 0.00
BAYONEEC___CTG6 323687	31.66 1.49 0.00	27.21 1.26 0.00	25.56 1.15 0.00	25.80 1.14 0.00	25.02 1.11 0.00	24.26 1.09 0.00	30.17 1.51 0.00	33.56 1.78 0.00	32.51 1.92 0.00	36.71 2.19 0.00	46.18 2.71 0.00	50.31 2.93 0.00	51.34 2.92 1.89	53.37 3.15 0.00	82.52 4.90 0.00	95.50 5.71 3.78	81.51 5.23 12.27	184.53 14.32 108.96	852.06 38.74 88.99	86.27 3.06 2.14	70.46 1.93 -13.71	76.09 2.00 -18.97	46.66 1.62 0.85	46.97 1.78 0.00

BAYONEEC___CTG7 323688	31.66 1.49 0.00	27.21 1.26 0.00	25.56 1.15 0.00	25.80 1.14 0.00	25.02 1.11 0.00	24.26 1.09 0.00	30.17 1.51 0.00	33.56 1.78 0.00	32.51 1.92 0.00	36.71 2.19 0.00	46.18 2.71 0.00	50.31 2.93 0.00	51.34 2.92 1.89	53.37 3.15 0.00	82.52 4.90 0.00	95.50 5.71 3.78	81.51 5.23 12.27	184.53 14.32 108.96	852.06 38.74 88.99	86.27 3.06 2.14	70.46 1.93 -13.71	76.09 2.00 -18.97	46.66 1.62 0.85	46.97 1.78 0.00
BAYONEEC___CTG8 323689	31.66 1.49 0.00	27.21 1.26 0.00	25.56 1.15 0.00	25.80 1.14 0.00	25.02 1.11 0.00	24.26 1.09 0.00	30.17 1.51 0.00	33.56 1.78 0.00	32.51 1.92 0.00	36.71 2.19 0.00	46.18 2.71 0.00	50.31 2.93 0.00	51.34 2.92 1.89	53.37 3.15 0.00	82.52 4.90 0.00	95.50 5.71 3.78	81.51 5.23 12.27	184.53 14.32 108.96	852.06 38.74 88.99	86.27 3.06 2.14	70.46 1.93 -13.71	76.09 2.00 -18.97	46.66 1.62 0.85	46.97 1.78 0.00
BAYONEEC___CTG9 323749	31.66 1.49 0.00	27.21 1.26 0.00	25.56 1.15 0.00	25.80 1.14 0.00	25.02 1.11 0.00	24.26 1.09 0.00	30.17 1.51 0.00	33.56 1.78 0.00	32.51 1.92 0.00	36.71 2.19 0.00	46.18 2.71 0.00	50.31 2.93 0.00	51.34 2.92 1.89	53.37 3.15 0.00	82.52 4.90 0.00	95.50 5.71 3.78	81.51 5.23 12.27	184.53 14.32 108.96	852.06 38.74 88.99	86.27 3.06 2.14	70.46 1.93 -13.71	76.09 2.00 -18.97	46.66 1.62 0.85	46.97 1.78 0.00
BEACON___LESR 323632	31.08 0.91 0.00	26.70 0.75 0.00	25.12 0.71 0.00	25.45 0.79 0.00	24.63 0.72 0.00	23.81 0.64 0.00	29.66 1.00 0.00	32.78 1.00 0.00	31.51 0.92 0.00	35.21 0.69 0.00	44.79 1.33 0.00	48.74 1.37 0.00	51.62 1.32 0.00	51.56 1.33 0.00	79.69 2.07 0.00	96.09 2.53 0.00	90.95 2.40 0.00	287.08 7.91 0.00	928.94 26.63 0.00	87.47 2.13 0.00	144.99 1.44 -88.73	173.96 1.85 -116.98	47.12 1.22 0.00	46.37 1.18 0.00
BEAVER RIVER___HYD 24048	30.16 -0.01 0.00	26.02 0.07 0.00	24.44 0.03 0.00	24.58 -0.09 0.00	23.67 -0.24 0.00	23.65 0.48 0.00	29.62 0.96 0.00	33.25 1.47 0.00	31.65 1.06 0.00	35.54 1.02 0.00	44.68 0.91 -0.30	49.53 0.21 -1.93	46.41 0.06 3.96	51.94 0.47 -1.24	83.75 1.19 -4.95	100.80 1.25 -5.99	94.46 1.13 -4.77	291.59 5.56 -6.87	934.40 23.99 -8.09	93.69 3.20 -5.14	60.32 2.52 -2.98	61.00 2.86 -3.00	50.00 1.97 -2.13	47.97 1.51 -1.27
BEEBEE_GT_13 23619	31.25 1.08 0.00	26.80 0.85 0.00	24.85 0.44 0.00	24.93 0.27 0.00	23.99 0.08 0.00	23.32 0.15 0.00	28.98 0.32 0.00	32.15 0.38 0.00	31.43 0.84 0.00	36.16 1.64 0.00	45.67 2.20 0.00	49.91 2.53 0.00	53.42 3.12 0.00	53.97 3.75 0.00	81.29 3.67 0.00	96.98 3.42 0.00	91.74 3.19 0.00	289.89 10.73 0.00	936.06 33.75 0.00	88.75 3.40 0.00	56.97 2.15 0.00	57.13 2.00 0.00	47.29 1.39 0.00	46.15 0.96 0.00
BENSHRST_27_KV_BENSHRST_1 355998	32.03 1.86 0.00	27.49 1.54 0.00	25.81 1.41 0.00	26.04 1.37 0.00	25.24 1.33 0.00	24.49 1.32 0.00	30.46 1.81 0.00	33.93 2.16 0.00	32.91 2.32 0.00	37.15 2.63 0.00	46.77 3.30 0.00	51.02 3.65 0.00	54.01 3.71 0.00	54.06 3.83 0.00	83.58 5.97 0.00	100.14 6.59 0.00	94.26 5.71 0.00	294.14 14.97 0.00	943.70 41.40 0.01	87.99 3.58 0.93	71.88 2.47 -14.58	76.90 2.58 -19.19	48.06 2.16 0.00	47.42 2.23 0.00
BETHLEHEM___GRP 23843	30.54 0.37 0.00	26.30 0.35 0.00	24.78 0.38 0.00	25.14 0.48 0.00	24.36 0.45 0.00	23.49 0.32 0.00	29.11 0.46 0.00	32.16 0.39 0.00	30.88 0.29 0.00	34.74 0.22 0.00	43.89 0.43 0.00	47.80 0.42 0.00	50.66 0.36 0.00	50.61 0.38 0.00	78.16 0.54 0.00	94.20 0.64 0.00	89.18 0.62 0.00	281.13 1.97 0.00	910.36 8.05 0.00	85.87 0.52 0.00	142.22 0.52 -86.88	170.32 0.64 -114.55	46.35 0.45 0.00	45.70 0.50 0.00
BETHLEHEM___GS1 323560	30.54 0.37 0.00	26.30 0.35 0.00	24.79 0.38 0.00	25.14 0.48 0.00	24.36 0.45 0.00	23.49 0.32 0.00	29.11 0.46 0.00	32.16 0.39 0.00	30.88 0.29 0.00	34.74 0.22 0.00	43.89 0.42 0.00	47.80 0.42 0.00	50.66 0.36 0.00	50.61 0.38 0.00	78.16 0.54 0.00	94.20 0.64 0.00	89.18 0.63 0.00	281.13 1.97 0.00	910.34 8.04 0.00	85.87 0.52 0.00	142.23 0.52 -86.88	170.33 0.65 -114.55	46.35 0.45 0.00	45.70 0.51 0.00
BETHLEHEM___GS2 323561	30.54 0.37 0.00	26.30 0.35 0.00	24.79 0.38 0.00	25.14 0.48 0.00	24.36 0.45 0.00	23.49 0.32 0.00	29.11 0.46 0.00	32.16 0.39 0.00	30.88 0.29 0.00	34.74 0.22 0.00	43.89 0.42 0.00	47.80 0.42 0.00	50.66 0.36 0.00	50.61 0.38 0.00	78.16 0.54 0.00	94.20 0.64 0.00	89.18 0.63 0.00	281.13 1.97 0.00	910.34 8.04 0.00	85.87 0.52 0.00	142.23 0.52 -86.88	170.33 0.65 -114.55	46.35 0.45 0.00	45.70 0.51 0.00
BETHLEHEM___GS3 323562	30.54 0.37 0.00	26.30 0.35 0.00	24.79 0.38 0.00	25.14 0.48 0.00	24.36 0.45 0.00	23.49 0.32 0.00	29.11 0.46 0.00	32.16 0.39 0.00	30.88 0.29 0.00	34.74 0.22 0.00	43.89 0.42 0.00	47.80 0.42 0.00	50.66 0.36 0.00	50.61 0.38 0.00	78.16 0.54 0.00	94.20 0.64 0.00	89.18 0.63 0.00	281.13 1.97 0.00	910.34 8.04 0.00	85.87 0.52 0.00	142.23 0.52 -86.88	170.33 0.65 -114.55	46.35 0.45 0.00	45.70 0.51 0.00
BETHLEHEM___STEEL 23779	31.56 1.38 0.00	27.00 1.05 0.00	24.87 0.46 0.00	24.88 0.22 0.00	23.86 -0.05 0.00	23.24 0.07 0.00	28.96 0.30 0.00	32.10 0.33 0.00	31.61 1.02 0.00	36.56 2.05 0.00	46.19 2.73 0.00	50.98 3.60 0.00	54.84 4.54 0.00	55.54 5.32 0.00	82.58 4.97 0.00	97.59 4.03 0.00	92.08 3.53 0.00	291.24 12.07 0.00	935.19 32.88 0.00	88.61 3.27 0.00	56.98 2.16 0.00	57.25 2.12 0.00	47.22 1.32 0.00	46.05 0.86 0.00
BETHLHEM_115KV_TB1 79974	30.61 0.43 0.00	26.36 0.40 0.00	24.83 0.43 0.00	25.18 0.52 0.00	24.40 0.49 0.00	23.53 0.36 0.00	29.16 0.50 0.00	32.23 0.45 0.00	30.95 0.36 0.00	34.84 0.32 0.00	43.99 0.53 0.00	47.93 0.55 0.00	50.79 0.49 0.00	50.74 0.52 0.00	78.33 0.72 0.00	94.39 0.84 0.00	89.39 0.84 0.00	281.71 2.55 0.00	912.06 9.75 0.00	86.03 0.68 0.00	138.18 0.58 -82.77	165.00 0.74 -109.13	46.44 0.54 0.00	45.78 0.58 0.00
BETHPAGE_CC_5 323564	46.44 2.09 -14.17	31.76 1.77 -4.04	26.00 1.59 0.00	26.28 1.61 0.00	25.44 1.53 0.00	24.67 1.50 0.00	30.60 1.95 0.00	33.92 2.15 0.00	32.85 2.27 0.00	37.96 2.58 -0.86	46.58 3.12 0.00	50.65 3.27 0.00	53.48 3.24 0.06	53.51 3.37 0.08	82.74 5.13 0.00	99.76 6.24 0.04	94.56 6.00 0.00	294.67 15.51 0.00	941.29 38.99 0.00	90.90 3.74 -1.82	71.73 2.33 -14.58	77.16 2.42 -19.61	51.82 2.24 -3.69	58.61 2.45 -10.97
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	31.67 1.50 0.00	27.10 1.14 0.00	24.95 0.54 0.00	24.97 0.31 0.00	23.95 0.03 0.00	23.33 0.16 0.00	29.07 0.42 0.00	32.24 0.46 0.00	31.75 1.17 0.00	36.72 2.20 0.00	46.40 2.93 0.00	51.25 3.87 0.00	55.12 4.82 0.00	55.83 5.61 0.00	83.08 5.47 0.00	98.21 4.65 0.00	92.68 4.13 0.00	293.13 13.96 0.00	941.09 38.78 0.00	89.13 3.78 0.00	57.28 2.46 0.00	57.57 2.44 0.00	47.47 1.57 0.00	46.28 1.09 0.00

BINGHAMTON___COGEN 23790	30.74 0.57 0.00	26.40 0.45 0.00	24.73 0.32 0.00	24.95 0.29 0.00	24.15 0.24 0.00	23.46 0.29 0.00	29.13 0.48 0.00	32.32 0.54 0.00	31.33 0.74 0.00	35.62 1.10 0.00	45.17 1.47 -0.23	50.89 2.03 -1.48	53.08 2.04 -0.74	53.37 2.19 -0.95	84.01 2.60 -3.80	100.73 2.58 -4.60	94.27 2.05 -3.66	292.33 7.89 -5.27	929.93 21.39 -6.22	91.22 1.92 -3.95	64.38 1.40 -8.15	66.61 1.45 -10.03	48.56 1.03 -1.63	46.97 0.80 -0.97
BIXINCNT_115KV_LOAD 355685	31.47 1.30 0.00	26.86 0.90 0.00	24.77 0.36 0.00	24.86 0.20 0.00	23.93 0.02 0.00	23.33 0.16 0.00	29.06 0.41 0.00	32.30 0.52 0.00	32.00 1.41 0.00	36.94 2.42 0.00	46.87 3.40 0.00	51.82 4.45 0.00	55.36 5.06 0.00	56.01 5.79 0.00	83.57 5.95 0.00	98.82 5.26 0.00	93.05 4.50 0.00	294.42 15.25 0.00	944.16 41.85 0.00	89.25 3.91 0.00	57.00 2.17 0.00	57.71 2.58 0.00	47.63 1.73 0.00	46.57 1.37 0.00
BLACK RIVER___HYD 24047	30.37 0.20 0.00	26.25 0.30 0.00	24.59 0.18 0.00	24.70 0.04 0.00	23.83 -0.08 0.00	23.93 0.76 0.00	29.94 1.29 0.00	33.63 1.86 0.00	31.98 1.40 0.00	35.89 1.38 0.00	45.47 1.49 -0.52	51.62 0.97 -3.28	49.43 0.90 1.76	53.60 1.28 -2.10	88.61 2.62 -8.38	106.01 2.31 -10.14	98.56 1.93 -8.08	299.17 8.38 -11.63	951.45 35.43 -13.72	98.70 4.63 -8.72	63.45 3.57 -5.05	64.20 3.99 -5.08	52.25 2.75 -3.60	49.43 2.09 -2.15
BLACKRVR_115KV_TB2 79977	30.37 0.20 0.00	26.26 0.30 0.00	24.59 0.18 0.00	24.70 0.04 0.00	23.83 -0.08 0.00	23.93 0.76 0.00	29.94 1.29 0.00	33.63 1.86 0.00	31.98 1.40 0.00	35.89 1.38 0.00	45.46 1.48 -0.52	51.62 0.97 -3.28	49.44 0.90 1.76	53.60 1.28 -2.10	88.62 2.62 -8.38	106.01 2.31 -10.14	98.56 1.93 -8.08	299.20 8.40 -11.63	951.46 35.43 -13.72	98.70 4.63 -8.72	63.45 3.57 -5.05	64.21 4.00 -5.08	52.24 2.74 -3.60	49.43 2.09 -2.15
BLISS_WT_PWR 323608	31.37 1.20 0.00	26.75 0.80 0.00	24.66 0.25 0.00	24.76 0.10 0.00	23.85 -0.06 0.00	23.25 0.08 0.00	28.94 0.29 0.00	32.18 0.41 0.00	31.96 1.37 0.00	36.91 2.39 0.00	46.91 3.45 0.00	51.86 4.48 0.00	55.39 5.09 0.00	56.04 5.82 0.00	83.61 6.00 0.00	98.86 5.31 0.00	93.06 4.51 0.00	294.36 15.19 0.00	944.18 41.87 0.00	89.24 3.90 0.00	56.85 2.03 0.00	57.65 2.52 0.00	47.59 1.69 0.00	46.55 1.35 0.00
BLUESTONE___WT_PWR 323821	32.06 1.89 0.00	27.53 1.58 0.00	25.72 1.31 0.00	25.69 1.03 0.00	24.93 1.02 0.00	24.20 1.03 0.00	30.14 1.49 0.00	33.64 1.86 0.00	32.73 2.14 0.00	37.17 2.66 0.00	47.15 3.49 -0.20	53.01 4.36 -1.28	55.53 4.59 -0.64	55.89 4.84 -0.82	87.01 6.12 -3.28	105.06 7.54 -3.97	98.87 7.16 -3.16	308.51 24.80 -4.55	989.10 81.42 -5.37	96.43 7.67 -3.41	72.31 4.60 -12.88	75.33 3.83 -16.37	49.63 2.32 -1.41	48.25 2.21 -0.84
BLUE_CIRC_CHEM_DRP 24182	30.98 0.81 0.00	26.69 0.73 0.00	25.14 0.73 0.00	25.48 0.81 0.00	24.69 0.77 0.00	23.81 0.65 0.00	29.46 0.81 0.00	32.44 0.66 0.00	30.69 0.10 0.00	34.62 0.10 0.00	44.13 0.66 0.00	48.05 0.68 0.00	50.89 0.59 0.00	50.80 0.58 0.00	78.26 0.64 0.00	94.33 0.77 0.00	89.51 0.96 0.00	282.25 3.09 0.00	915.57 13.26 0.00	86.66 1.32 0.00	120.82 1.14 -64.86	141.96 1.31 -85.52	46.91 1.01 0.00	46.22 1.03 0.00
BOC_GAS_DRP 24189	30.71 0.53 0.00	26.45 0.50 0.00	24.91 0.50 0.00	25.23 0.57 0.00	24.45 0.53 0.00	23.59 0.42 0.00	29.23 0.57 0.00	32.33 0.55 0.00	31.08 0.49 0.00	34.99 0.48 0.00	44.19 0.73 0.00	48.15 0.77 0.00	51.01 0.70 0.00	50.96 0.74 0.00	78.58 0.97 0.00	94.67 1.11 0.00	89.60 1.04 0.00	282.20 3.04 0.00	912.54 10.23 0.00	86.12 0.78 0.00	115.38 0.63 -59.92	134.91 0.77 -79.01	46.51 0.61 0.00	45.85 0.66 0.00
BOONVILLE_115KV_TB1 79983	30.75 0.58 0.00	26.46 0.51 0.00	24.85 0.44 0.00	25.06 0.40 0.00	24.21 0.29 0.00	23.79 0.62 0.00	29.65 1.00 0.00	33.09 1.32 0.00	31.75 1.16 0.00	35.77 1.26 0.00	45.06 1.45 -0.14	49.61 1.31 -0.92	50.91 1.37 0.76	52.44 1.63 -0.59	82.50 2.54 -2.36	99.34 2.93 -2.85	93.68 2.86 -2.27	292.60 10.16 -3.27	942.47 36.30 -3.86	91.60 3.81 -2.45	58.93 2.68 -1.42	59.36 2.80 -1.43	48.94 2.03 -1.01	47.47 1.67 -0.60
BORALEX_4TH_BRANCH 23824	31.68 1.51 0.00	27.26 1.31 0.00	25.63 1.22 0.00	25.95 1.29 0.00	25.16 1.24 0.00	24.32 1.16 0.00	30.19 1.54 0.00	33.20 1.43 0.00	31.80 1.21 0.00	35.58 1.07 0.00	44.91 1.44 0.00	48.74 1.36 0.00	51.63 1.33 0.00	51.55 1.33 0.00	79.85 2.24 0.00	96.31 2.76 0.00	90.97 2.42 0.00	288.70 9.53 0.00	942.63 40.32 0.00	88.68 3.34 0.00	176.69 2.69 -119.18	214.93 2.67 -157.12	48.09 2.18 0.00	47.58 2.38 0.00
BOWLINE___1 23526	31.28 1.11 0.00	26.93 0.97 0.00	25.31 0.91 0.00	25.57 0.91 0.00	24.79 0.88 0.00	24.02 0.85 0.00	29.81 1.16 0.00	33.04 1.27 0.00	31.92 1.34 0.00	36.02 1.51 0.00	45.40 1.94 0.00	49.56 2.19 0.00	52.47 2.17 0.00	52.68 2.46 0.00	81.51 3.90 0.00	98.19 4.63 0.00	92.73 4.18 0.00	290.61 11.45 0.00	932.77 30.46 0.00	87.59 2.25 0.00	70.17 1.38 -13.97	75.07 1.53 -18.41	47.11 1.21 0.00	46.49 1.29 0.00
BOWLINE___2 23595	31.28 1.11 0.00	26.93 0.98 0.00	25.31 0.91 0.00	25.57 0.90 0.00	24.79 0.88 0.00	24.02 0.85 0.00	29.82 1.17 0.00	33.06 1.29 0.00	31.94 1.35 0.00	36.03 1.51 0.00	45.41 1.94 0.00	49.57 2.19 0.00	52.47 2.17 0.00	52.68 2.46 0.00	81.51 3.90 0.00	98.20 4.64 0.00	92.74 4.19 0.00	290.61 11.45 0.00	932.91 30.60 0.00	87.62 2.27 0.00	70.19 1.40 -13.97	75.09 1.54 -18.42	47.12 1.22 0.00	46.50 1.31 0.00
BRADY___115KV_TB2 356060	29.95 -0.22 0.00	25.63 -0.32 0.00	24.12 -0.28 0.00	24.34 -0.32 0.00	23.68 -0.23 0.00	23.10 -0.07 0.00	28.59 -0.07 0.00	31.82 0.05 0.00	30.42 -0.17 0.00	34.03 -0.48 0.00	42.11 -1.36 0.00	45.61 -1.77 0.00	32.19 -1.96 16.16	48.05 -2.17 0.00	75.15 -2.46 0.00	92.17 -1.39 0.00	87.21 -1.35 0.00	275.43 -3.73 0.00	892.79 -9.52 0.00	85.34 0.00 0.00	54.94 0.12 0.00	55.35 0.22 0.00	45.79 -0.11 0.00	45.17 -0.03 0.00
BRANSCOMB___SOLAR 323811	31.86 1.69 0.00	27.33 1.38 0.00	25.68 1.28 0.00	26.00 1.34 0.00	25.20 1.28 0.00	24.38 1.21 0.00	30.31 1.66 0.00	33.41 1.64 0.00	32.02 1.43 0.00	36.00 1.48 0.00	45.44 1.98 0.00	49.58 2.20 0.00	52.62 2.31 0.00	52.68 2.46 0.00	81.48 3.87 0.00	98.25 4.70 0.00	93.09 4.54 0.00	294.50 15.34 0.00	959.68 57.37 0.00	90.54 5.19 0.00	216.38 3.81 -157.75	266.95 3.84 -207.98	48.92 3.01 0.00	48.16 2.96 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	46.64 2.29 -14.17	31.96 1.96 -4.04	26.19 1.78 0.00	26.49 1.83 0.00	25.63 1.72 0.00	24.87 1.70 0.00	30.87 2.22 0.00	34.21 2.43 0.00	33.13 2.54 0.00	38.35 2.98 -0.85	47.21 3.75 0.00	51.21 3.84 0.00	53.79 3.74 0.25	53.81 3.94 0.35	83.38 5.78 0.00	99.80 6.15 -0.09	95.30 5.96 -0.78	293.65 14.48 0.00	937.18 34.87 0.00	91.01 3.85 -1.82	71.78 2.38 -14.58	77.37 2.63 -19.61	52.30 2.71 -3.69	59.23 3.07 -10.97

BRISTLHL_115KV_TB1 79998	30.02 -0.15 0.00	25.85 -0.10 0.00	24.23 -0.17 0.00	24.45 -0.21 0.00	23.67 -0.24 0.00	22.98 -0.19 0.00	28.43 -0.22 0.00	31.47 -0.31 0.00	30.39 -0.19 0.00	34.43 -0.08 0.00	44.58 -0.02 -1.14	54.70 0.13 -7.19	54.05 0.16 -3.58	55.15 0.32 -4.61	96.15 0.11 -18.43	115.67 -0.18 -22.29	106.00 -0.30 -17.75	304.36 -0.37 -25.56	931.30 -1.18 -30.17	104.62 0.09 -19.18	66.06 0.12 -11.11	66.44 0.13 -11.18	53.80 -0.02 -7.92	49.62 -0.30 -4.72
BROOKHAVEN___DRP 24191	46.49 2.14 -14.17	31.83 1.83 -4.04	26.06 1.65 0.00	26.36 1.70 0.00	25.51 1.60 0.00	24.75 1.59 0.00	30.75 2.10 0.00	34.09 2.31 0.00	33.04 2.45 0.00	38.27 2.90 -0.85	47.10 3.64 0.00	51.03 3.66 0.00	53.80 3.70 0.19	53.85 3.89 0.27	83.41 5.80 0.00	101.32 7.05 -0.72	99.76 6.84 -4.37	294.52 15.35 0.00	938.85 36.55 0.00	91.76 4.60 -1.82	72.20 2.79 -14.58	77.53 2.79 -19.61	52.15 2.57 -3.69	59.10 2.94 -10.97
BROOKLYN_NAVY_YARD 23515	31.62 1.45 0.00	27.19 1.24 0.00	25.54 1.14 0.00	25.78 1.12 0.00	25.01 1.10 0.00	24.26 1.09 0.00	30.13 1.48 0.00	33.54 1.76 0.00	32.50 1.91 0.00	36.69 2.17 0.00	46.15 2.69 0.00	50.32 2.94 0.00	53.23 2.92 0.00	53.39 3.17 0.00	82.60 4.98 0.00	99.38 5.79 -0.03	93.82 5.27 0.00	293.89 14.73 0.00	942.20 39.89 0.00	88.45 3.11 0.00	71.35 1.94 -14.59	76.38 2.02 -19.23	47.53 1.63 0.00	46.98 1.79 0.00
BROOKLYN___ARMY_DRP 323595	31.82 1.64 0.00	27.32 1.36 0.00	25.67 1.26 0.00	25.89 1.23 0.00	25.10 1.19 0.00	24.35 1.19 0.00	30.29 1.63 0.00	33.72 1.95 0.00	32.68 2.09 0.00	36.87 2.35 0.00	46.40 2.93 0.00	50.61 3.23 0.00	53.55 3.25 0.00	53.60 3.37 0.00	82.88 5.27 0.00	99.30 5.75 0.00	93.46 4.91 0.00	291.57 12.41 0.00	935.70 33.40 0.01	87.24 2.82 0.93	71.41 2.01 -14.58	76.42 2.10 -19.19	47.68 1.78 0.00	47.08 1.89 0.00
BROOKVLE_69_KV_TB1 55790	46.54 2.19 -14.17	31.84 1.84 -4.04	26.07 1.66 0.00	26.35 1.68 0.00	25.51 1.59 0.00	24.73 1.57 0.00	30.76 2.10 0.00	34.15 2.38 0.00	33.12 2.53 0.00	38.34 2.97 -0.85	47.24 3.77 0.00	51.46 4.09 0.00	54.40 4.10 0.00	54.40 4.17 -0.02	83.99 6.38 0.00	101.37 7.81 0.00	95.98 7.43 0.00	299.42 20.26 0.00	956.38 54.07 0.00	92.03 4.87 -1.82	72.45 3.05 -14.58	77.86 3.12 -19.61	52.46 2.87 -3.69	58.97 2.81 -10.97
BROOME_2_LFGE 323671	30.74 0.57 0.00	26.40 0.44 0.00	24.73 0.32 0.00	24.95 0.29 0.00	24.15 0.24 0.00	23.46 0.29 0.00	29.13 0.48 0.00	32.32 0.54 0.00	31.33 0.74 0.00	35.62 1.10 0.00	45.18 1.48 -0.23	50.88 2.02 -1.48	53.08 2.04 -0.74	53.37 2.19 -0.95	84.01 2.60 -3.80	100.73 2.57 -4.60	94.27 2.05 -3.66	292.32 7.88 -5.27	929.93 21.39 -6.22	91.22 1.92 -3.95	64.38 1.40 -8.15	66.60 1.45 -10.03	48.56 1.03 -1.63	46.97 0.80 -0.97
BROOME___LFGE 323600	30.74 0.57 0.00	26.40 0.44 0.00	24.73 0.32 0.00	24.95 0.29 0.00	24.15 0.24 0.00	23.46 0.29 0.00	29.13 0.48 0.00	32.32 0.54 0.00	31.33 0.74 0.00	35.62 1.10 0.00	45.18 1.48 -0.23	50.88 2.02 -1.48	53.08 2.04 -0.74	53.37 2.19 -0.95	84.01 2.60 -3.80	100.73 2.57 -4.60	94.27 2.05 -3.66	292.32 7.88 -5.27	929.93 21.39 -6.22	91.22 1.92 -3.95	64.38 1.40 -8.15	66.60 1.45 -10.03	48.56 1.03 -1.63	46.97 0.80 -0.97
BROWNFLS_115KV_TB_3_5 80003	29.91 -0.27 0.00	25.70 -0.25 0.00	24.17 -0.23 0.00	24.34 -0.32 0.00	23.53 -0.39 0.00	23.28 0.11 0.00	29.02 0.37 0.00	32.43 0.66 0.00	30.82 0.23 0.00	34.57 0.05 0.00	43.29 -0.39 -0.21	47.64 -1.06 -1.33	40.29 -1.29 8.72	49.94 -1.14 -0.85	79.88 -1.13 -3.40	96.92 -0.75 -4.11	91.15 -0.68 -3.28	283.12 -0.76 -4.71	909.92 2.08 -5.53	89.85 0.99 -3.51	57.80 0.94 -2.04	58.45 1.27 -2.05	48.12 0.77 -1.45	46.66 0.60 -0.87
BROWNSV1_27_KV_LOAD 356125	31.96 1.79 0.00	27.46 1.50 0.00	25.79 1.38 0.00	26.03 1.37 0.00	25.24 1.33 0.00	24.48 1.31 0.00	30.45 1.79 0.00	33.89 2.11 0.00	32.84 2.26 0.00	37.11 2.60 0.00	46.72 3.25 0.00	50.91 3.53 0.00	53.89 3.58 0.00	54.04 3.81 0.00	83.55 5.93 0.00	100.50 6.94 0.00	94.96 6.41 0.00	297.23 18.06 0.00	953.04 50.74 0.00	89.51 4.16 0.00	72.02 2.62 -14.59	77.04 2.68 -19.23	48.07 2.17 0.00	47.48 2.29 0.00
BURROWS___LYONSDAL 23803	30.53 0.36 0.00	26.30 0.35 0.00	24.70 0.30 0.00	24.89 0.22 0.00	24.00 0.09 0.00	23.73 0.56 0.00	29.63 0.98 0.00	33.14 1.36 0.00	31.74 1.15 0.00	35.73 1.22 0.00	44.98 1.34 -0.18	49.51 1.01 -1.12	49.97 1.06 1.39	52.34 1.40 -0.72	82.73 2.25 -2.87	99.61 2.59 -3.47	93.84 2.53 -2.76	292.52 9.39 -3.97	941.17 34.16 -4.69	92.06 3.73 -2.98	59.25 2.70 -1.73	59.72 2.85 -1.74	49.11 1.98 -1.23	47.51 1.58 -0.73
CAITHNESS_CC_1 323624	46.48 2.14 -14.17	31.81 1.82 -4.04	26.05 1.65 0.00	26.35 1.69 0.00	25.51 1.60 0.00	24.74 1.58 0.00	30.73 2.08 0.00	34.06 2.29 0.00	33.01 2.42 0.00	38.23 2.86 -0.86	47.05 3.59 0.00	51.01 3.64 0.00	53.75 3.64 0.19	53.78 3.82 0.27	83.27 5.66 0.00	101.07 6.81 -0.70	99.46 6.61 -4.30	294.18 15.02 0.00	937.88 35.57 0.00	91.57 4.41 -1.82	72.10 2.70 -14.58	77.43 2.69 -19.61	52.10 2.51 -3.69	59.05 2.89 -10.97
CALPINE BETH_PAGE_GT4 24209	46.40 2.06 -14.17	31.73 1.74 -4.04	25.97 1.56 0.00	26.25 1.59 0.00	25.41 1.50 0.00	24.64 1.47 0.00	30.59 1.93 0.00	33.92 2.15 0.00	32.86 2.27 0.00	37.98 2.61 -0.85	46.57 3.11 0.00	50.64 3.26 0.00	53.50 3.24 0.04	53.56 3.37 0.04	82.74 5.13 0.00	99.83 6.30 0.03	94.57 6.02 0.00	294.84 15.67 0.00	941.91 39.60 0.00	90.90 3.74 -1.82	71.75 2.35 -14.58	77.17 2.43 -19.61	51.83 2.24 -3.69	58.61 2.45 -10.97
CALPINE_BETH_PAGE_GT_4 323586	46.40 2.06 -14.17	31.73 1.73 -4.04	25.97 1.56 0.00	26.25 1.59 0.00	25.41 1.50 0.00	24.64 1.47 0.00	30.59 1.94 0.00	33.92 2.15 0.00	32.86 2.27 0.00	37.99 2.61 -0.86	46.56 3.10 0.00	50.65 3.27 0.00	53.50 3.24 0.04	53.55 3.37 0.04	82.75 5.14 0.00	99.80 6.27 0.03	94.57 6.02 0.00	294.84 15.67 0.00	941.92 39.61 0.00	90.91 3.75 -1.82	71.75 2.34 -14.58	77.17 2.43 -19.61	51.83 2.24 -3.69	58.61 2.45 -10.97
CALPINE_BP_GT1 23823	46.40 2.06 -14.17	31.73 1.73 -4.04	25.97 1.56 0.00	26.25 1.59 0.00	25.41 1.50 0.00	24.64 1.47 0.00	30.59 1.94 0.00	33.92 2.15 0.00	32.86 2.27 0.00	37.99 2.61 -0.86	46.56 3.10 0.00	50.65 3.27 0.00	53.50 3.24 0.04	53.55 3.37 0.04	82.75 5.14 0.00	99.80 6.27 0.03	94.57 6.02 0.00	294.84 15.67 0.00	941.92 39.61 0.00	90.91 3.75 -1.82	71.75 2.34 -14.58	77.17 2.43 -19.61	51.83 2.24 -3.69	58.61 2.45 -10.97
CALSPAN___DRP 24200	31.56 1.38 0.00	27.00 1.05 0.00	24.87 0.46 0.00	24.88 0.22 0.00	23.86 -0.05 0.00	23.24 0.07 0.00	28.96 0.30 0.00	32.10 0.33 0.00	31.61 1.02 0.00	36.56 2.05 0.00	46.19 2.73 0.00	50.98 3.60 0.00	54.84 4.54 0.00	55.54 5.32 0.00	82.58 4.97 0.00	97.59 4.03 0.00	92.08 3.53 0.00	291.24 12.07 0.00	935.19 32.88 0.00	88.61 3.27 0.00	56.98 2.16 0.00	57.25 2.12 0.00	47.22 1.32 0.00	46.05 0.86 0.00

CALVERTON___SOLAR 323806	46.56 2.22 -14.17	31.87 1.88 -4.04	26.10 1.70 0.00	26.40 1.74 0.00	25.56 1.64 0.00	24.80 1.63 0.00	30.82 2.16 0.00	34.16 2.39 0.00	33.11 2.52 0.00	38.37 2.99 -0.86	47.18 3.71 0.00	51.13 3.76 0.00	53.98 3.87 0.20	54.02 4.07 0.27	83.71 6.10 0.00	101.65 7.37 -0.72	100.16 7.21 -4.40	295.39 16.22 0.00	941.42 39.11 0.00	92.10 4.94 -1.82	72.41 3.01 -14.58	77.72 2.98 -19.61	52.28 2.70 -3.69	59.22 3.05 -10.97
CANDIGU_WT_PWR 323617	30.36 0.19 0.00	25.90 -0.05 0.00	24.07 -0.33 0.00	24.20 -0.47 0.00	23.40 -0.51 0.00	22.89 -0.28 0.00	28.59 -0.07 0.00	31.74 -0.03 0.00	31.20 0.61 0.00	36.09 1.57 0.00	45.70 2.10 -0.13	51.18 2.98 -0.82	53.89 3.18 -0.41	54.39 3.64 -0.53	83.33 3.61 -2.10	99.10 3.00 -2.54	92.79 2.21 -2.03	291.44 9.36 -2.92	930.64 24.89 -3.44	89.73 2.20 -2.19	57.65 1.56 -1.27	57.83 1.43 -1.28	47.60 0.79 -0.91	46.41 0.67 -0.54
CARR STREET_E_SYR 24060	30.31 0.14 0.00	26.07 0.12 0.00	24.43 0.02 0.00	24.64 -0.02 0.00	23.86 -0.06 0.00	23.15 -0.02 0.00	28.66 0.00 0.00	31.74 -0.04 0.00	30.70 0.12 0.00	34.79 0.27 0.00	44.26 0.46 -0.34	50.22 0.69 -2.16	52.11 0.74 -1.07	52.56 0.95 -1.38	84.06 0.92 -5.53	101.03 0.78 -6.69	94.54 0.66 -5.33	289.48 2.64 -7.67	918.90 7.53 -9.06	91.90 0.80 -5.76	58.71 0.55 -3.34	58.99 0.50 -3.36	48.54 0.26 -2.38	46.64 0.03 -1.42
CARTHAGE___PAPER 23857	30.39 0.21 0.00	26.24 0.29 0.00	24.61 0.21 0.00	24.74 0.08 0.00	23.86 -0.05 0.00	23.89 0.73 0.00	29.92 1.27 0.00	33.61 1.84 0.00	31.96 1.38 0.00	35.80 1.29 0.00	45.06 1.16 -0.43	50.48 0.35 -2.76	47.61 -0.09 2.61	52.24 0.24 -1.76	85.65 0.98 -7.06	102.85 0.76 -8.54	95.97 0.62 -6.80	292.95 4.00 -9.79	935.13 21.28 -11.54	95.89 3.21 -7.34	61.66 2.58 -4.25	62.50 3.09 -4.28	51.52 2.59 -3.03	49.06 2.06 -1.81
CASSADAGA_WT_PWR 323784	31.21 1.04 0.00	26.81 0.86 0.00	24.57 0.16 0.00	24.57 -0.09 0.00	23.63 -0.29 0.00	23.07 -0.10 0.00	29.42 0.77 0.00	33.00 1.22 0.00	32.37 1.78 0.00	37.76 3.25 0.00	47.92 4.46 0.00	52.99 5.61 0.00	56.68 6.38 0.00	57.47 7.24 0.00	86.10 8.49 0.00	102.45 8.89 0.00	95.72 7.17 0.00	305.62 26.46 0.00	957.81 55.50 0.00	89.78 4.43 0.00	57.74 2.92 0.00	57.73 2.60 0.00	47.94 2.04 0.00	46.43 1.23 0.00
CE_DUNWOOD___DRP 24194	31.55 1.38 0.00	27.13 1.18 0.00	25.48 1.08 0.00	25.73 1.07 0.00	24.95 1.04 0.00	24.18 1.01 0.00	30.06 1.40 0.00	33.38 1.60 0.00	32.29 1.70 0.00	36.43 1.91 0.00	45.90 2.44 0.00	50.07 2.69 0.00	53.00 2.70 0.00	53.15 2.93 0.00	82.19 4.58 0.00	99.03 5.47 0.00	93.59 5.04 0.00	293.19 14.02 0.00	941.22 38.91 0.00	88.44 3.10 0.00	71.31 1.93 -14.55	76.33 2.02 -19.18	47.55 1.64 0.00	46.94 1.75 0.00
CE_MILLWOOD___DRP 24193	31.48 1.31 0.00	27.07 1.12 0.00	25.43 1.03 0.00	25.69 1.02 0.00	24.91 0.99 0.00	24.13 0.96 0.00	29.99 1.34 0.00	33.29 1.52 0.00	32.20 1.61 0.00	36.33 1.81 0.00	45.78 2.32 0.00	49.94 2.57 0.00	52.87 2.56 0.00	53.04 2.81 0.00	82.01 4.40 0.00	98.82 5.27 0.00	93.37 4.82 0.00	292.62 13.46 0.00	939.56 37.25 0.00	88.29 2.94 0.00	71.15 1.85 -14.47	76.15 1.93 -19.08	47.47 1.56 0.00	46.86 1.66 0.00
CE_NYC2_DRP 24202	31.70 1.53 0.00	27.23 1.28 0.00	25.59 1.19 0.00	25.83 1.16 0.00	25.05 1.14 0.00	24.30 1.13 0.00	30.21 1.55 0.00	33.65 1.87 0.00	32.59 2.00 0.00	36.75 2.23 0.00	46.24 2.77 0.00	50.40 3.02 0.00	53.33 3.03 0.00	53.46 3.24 0.00	82.68 5.07 0.00	99.33 5.77 0.00	93.73 5.18 0.00	292.74 13.58 0.00	938.60 36.30 0.01	87.34 2.92 0.93	71.29 1.89 -14.58	76.27 1.95 -19.19	47.55 1.65 0.00	47.03 1.83 0.00
CE_NYC_DRP 24195	31.71 1.54 0.00	27.26 1.30 0.00	25.60 1.20 0.00	25.85 1.18 0.00	25.06 1.15 0.00	24.30 1.13 0.00	30.21 1.56 0.00	33.61 1.83 0.00	32.57 1.98 0.00	36.77 2.26 0.00	46.29 2.83 0.00	50.44 3.06 0.00	53.40 3.09 0.00	53.54 3.31 0.00	82.77 5.16 0.00	99.58 6.02 0.00	94.07 5.52 0.00	294.33 15.17 0.00	943.77 41.46 0.00	88.64 3.29 0.00	71.48 2.07 -14.59	76.49 2.13 -19.23	47.63 1.73 0.00	47.08 1.88 0.00
CHAFFEE___LFGE 323603	31.72 1.55 0.00	27.16 1.21 0.00	25.02 0.61 0.00	25.04 0.38 0.00	24.01 0.09 0.00	23.40 0.23 0.00	29.16 0.51 0.00	32.36 0.58 0.00	31.85 1.26 0.00	36.81 2.29 0.00	46.49 3.03 0.00	51.27 3.89 0.00	55.17 4.86 0.00	55.90 5.67 0.00	83.19 5.58 0.00	98.37 4.82 0.00	92.84 4.29 0.00	293.80 14.63 0.00	943.38 41.07 0.00	89.37 4.03 0.00	57.48 2.66 0.00	57.76 2.63 0.00	47.62 1.72 0.00	46.38 1.18 0.00
CHATEAUG_35_KV_LOAD 355732	29.75 -0.43 0.00	25.31 -0.64 0.00	23.93 -0.47 0.00	24.17 -0.49 0.00	23.50 -0.41 0.00	22.77 -0.40 0.00	28.06 -0.60 0.00	31.41 -0.37 0.00	30.21 -0.38 0.00	33.88 -0.64 0.00	42.31 -1.16 0.00	45.75 -1.62 0.00	30.89 -1.95 17.47	48.07 -2.16 0.00	75.07 -2.54 0.00	91.07 -2.49 0.00	86.39 -2.16 0.00	271.94 -7.23 0.00	883.59 -18.72 0.00	83.93 -1.42 0.00	53.86 -0.97 0.00	54.21 -0.92 0.00	45.13 -0.77 0.00	44.67 -0.52 0.00
CHATEAUG_WT_PWR 323614	30.15 -0.02 0.00	25.35 -0.61 0.00	24.23 -0.18 0.00	24.43 -0.23 0.00	23.75 -0.16 0.00	22.86 -0.31 0.00	28.05 -0.61 0.00	31.57 -0.20 0.00	30.55 -0.04 0.00	34.27 -0.25 0.00	42.62 -0.84 0.00	45.73 -1.65 0.00	30.16 -2.41 17.74	47.71 -2.52 0.00	74.76 -2.85 0.00	90.19 -3.37 0.00	85.68 -2.87 0.00	270.85 -8.32 0.00	877.85 -24.46 0.00	83.42 -1.92 0.00	53.68 -1.14 0.00	53.98 -1.16 0.00	44.98 -0.92 0.00	44.67 -0.53 0.00
CHAT_HIGH_FALL_HYD 323578	29.75 -0.43 0.00	25.31 -0.64 0.00	23.93 -0.47 0.00	24.17 -0.49 0.00	23.50 -0.41 0.00	22.77 -0.40 0.00	28.06 -0.60 0.00	31.41 -0.37 0.00	30.21 -0.38 0.00	33.88 -0.64 0.00	42.31 -1.16 0.00	45.75 -1.62 0.00	30.89 -1.95 17.47	48.07 -2.16 0.00	75.07 -2.54 0.00	91.07 -2.49 0.00	86.39 -2.16 0.00	271.94 -7.23 0.00	883.59 -18.72 0.00	83.93 -1.42 0.00	53.86 -0.97 0.00	54.21 -0.92 0.00	45.13 -0.77 0.00	44.67 -0.52 0.00
CHAUTAUQUA___LFGE 323629	31.30 1.13 0.00	26.83 0.87 0.00	24.69 0.28 0.00	24.72 0.06 0.00	23.75 -0.16 0.00	23.20 0.03 0.00	29.18 0.53 0.00	32.58 0.81 0.00	32.00 1.41 0.00	37.12 2.61 0.00	47.04 3.57 0.00	51.96 4.59 0.00	55.64 5.33 0.00	56.39 6.16 0.00	84.50 6.89 0.00	100.70 7.14 0.00	94.11 5.56 0.00	300.60 21.44 0.00	947.82 45.51 0.00	89.22 3.87 0.00	57.50 2.67 0.00	57.49 2.35 0.00	47.64 1.74 0.00	46.35 1.16 0.00
CHERRYST_13_KV_LD 356241	31.83 1.66 0.00	27.36 1.41 0.00	25.70 1.29 0.00	25.94 1.28 0.00	25.16 1.24 0.00	24.40 1.23 0.00	30.35 1.69 0.00	33.79 2.01 0.00	32.75 2.16 0.00	37.01 2.49 0.00	46.57 3.10 0.00	50.75 3.38 0.00	53.75 3.45 0.00	54.11 3.89 0.00	83.67 6.06 0.00	100.69 7.13 0.00	94.98 6.43 0.00	296.54 17.38 0.00	949.57 47.26 0.00	89.12 3.77 0.00	71.77 2.36 -14.59	76.75 2.39 -19.23	47.84 1.94 0.00	47.23 2.04 0.00

CHESTROR_138KV_BK263 355645	31.24 1.07 0.00	26.88 0.93 0.00	25.25 0.84 0.00	25.51 0.85 0.00	24.73 0.82 0.00	23.95 0.78 0.00	29.74 1.09 0.00	32.99 1.22 0.00	31.88 1.30 0.00	35.98 1.47 0.00	45.34 1.88 0.00	49.49 2.12 0.00	52.42 2.12 0.00	52.62 2.39 0.00	81.36 3.75 0.00	98.07 4.51 0.00	92.67 4.12 0.00	290.92 11.75 0.00	935.26 32.95 0.00	87.95 2.61 0.00	69.64 1.64 -13.17	74.25 1.75 -17.37	47.29 1.39 0.00	46.61 1.42 0.00
CH_MIDHUDSON___DRP 24192	31.52 1.35 0.00	27.09 1.14 0.00	25.46 1.05 0.00	25.71 1.05 0.00	24.93 1.01 0.00	24.14 0.97 0.00	30.03 1.38 0.00	33.33 1.55 0.00	32.20 1.62 0.00	36.32 1.80 0.00	45.81 2.35 0.00	49.96 2.58 0.00	52.92 2.62 0.00	53.06 2.84 0.00	82.05 4.43 0.00	98.98 5.43 0.00	93.73 5.18 0.00	294.28 15.12 0.00	946.56 44.25 0.00	89.02 3.68 0.00	72.85 2.30 -15.73	78.17 2.30 -20.73	47.73 1.83 0.00	47.04 1.85 0.00
CH_MISC_IPPS 23765	31.76 1.59 0.00	27.29 1.34 0.00	25.64 1.23 0.00	25.89 1.23 0.00	25.09 1.18 0.00	24.32 1.15 0.00	30.24 1.59 0.00	33.58 1.81 0.00	32.48 1.89 0.00	36.63 2.11 0.00	46.17 2.71 0.00	50.30 2.93 0.00	53.27 2.97 0.00	53.46 3.24 0.00	82.71 5.10 0.00	99.82 6.26 0.00	94.45 5.90 0.00	296.33 17.16 0.00	951.62 49.31 0.00	89.60 4.25 0.00	72.78 2.67 -15.29	77.95 2.65 -20.16	47.98 2.08 0.00	47.24 2.05 0.00
CH_RES_BVR_FALLS 23983	29.27 -0.90 0.00	25.06 -0.90 0.00	23.60 -0.80 0.00	23.91 -0.75 0.00	23.17 -0.74 0.00	22.56 -0.61 0.00	28.09 -0.57 0.00	31.47 -0.31 0.00	30.13 -0.45 0.00	33.74 -0.77 0.00	42.36 -1.11 0.00	45.80 -1.58 0.00	21.08 -1.61 27.61	48.53 -1.69 0.00	75.46 -2.15 0.00	91.25 -2.31 0.00	86.54 -2.01 0.00	272.94 -6.23 0.00	887.24 -15.07 0.00	84.07 -1.27 0.00	53.93 -0.90 0.00	54.18 -0.95 0.00	45.15 -0.75 0.00	44.62 -0.57 0.00
CH_RES_NIAGARA 23895	30.75 0.57 0.00	26.36 0.41 0.00	24.32 -0.09 0.00	24.34 -0.33 0.00	23.29 -0.62 0.00	22.66 -0.51 0.00	28.18 -0.47 0.00	31.03 -0.75 0.00	30.46 -0.13 0.00	35.22 0.70 0.00	44.50 1.04 0.00	48.88 1.50 0.00	52.80 2.50 0.00	53.20 2.98 0.00	78.45 0.84 0.00	92.22 -1.34 0.00	87.12 -1.44 0.00	274.55 -4.62 0.00	885.13 -17.17 0.00	84.34 -1.01 0.00	54.28 -0.55 0.00	54.56 -0.57 0.00	45.17 -0.73 0.00	44.34 -0.86 0.00
CH_RES_SYRACUSE 23985	30.46 0.29 0.00	26.20 0.25 0.00	24.54 0.13 0.00	24.79 0.12 0.00	23.99 0.08 0.00	23.26 0.09 0.00	28.77 0.12 0.00	31.86 0.08 0.00	30.80 0.21 0.00	34.89 0.37 0.00	44.63 0.54 -0.63	52.10 0.75 -3.98	53.04 0.75 -1.98	53.73 0.96 -2.55	88.78 0.98 -10.19	106.78 0.90 -12.32	99.15 0.79 -9.81	296.51 3.21 -14.13	928.59 9.60 -16.68	96.97 1.02 -10.60	61.65 0.68 -6.14	61.94 0.63 -6.18	50.67 0.39 -4.38	47.96 0.15 -2.61
CLINTON_WT_PWR 323605	30.15 -0.02 0.00	25.35 -0.61 0.00	24.23 -0.18 0.00	24.43 -0.23 0.00	23.75 -0.16 0.00	22.86 -0.31 0.00	28.05 -0.61 0.00	31.57 -0.20 0.00	30.55 -0.04 0.00	34.27 -0.25 0.00	42.62 -0.84 0.00	45.73 -1.65 0.00	30.16 -2.41 17.74	47.71 -2.52 0.00	74.76 -2.85 0.00	90.19 -3.37 0.00	85.68 -2.87 0.00	270.85 -8.32 0.00	877.85 -24.46 0.00	83.42 -1.92 0.00	53.68 -1.14 0.00	53.98 -1.16 0.00	44.98 -0.92 0.00	44.67 -0.53 0.00
CLINTON___LFGE 323618	30.37 0.19 0.00	25.68 -0.28 0.00	24.40 0.00 0.00	24.60 -0.06 0.00	23.88 -0.03 0.00	23.06 -0.10 0.00	28.41 -0.24 0.00	31.87 0.10 0.00	30.75 0.16 0.00	34.48 -0.03 0.00	42.84 -0.62 0.00	45.99 -1.39 0.00	30.71 -1.90 17.69	48.11 -2.11 0.00	75.35 -2.26 0.00	91.00 -2.56 0.00	86.59 -1.96 0.00	273.90 -5.26 0.00	887.14 -15.17 0.00	84.31 -1.03 0.00	54.14 -0.68 0.00	54.55 -0.58 0.00	45.43 -0.47 0.00	45.20 0.01 0.00
COBBLENY_34_KV_TB1 80064	31.72 1.55 0.00	27.16 1.21 0.00	25.02 0.61 0.00	25.05 0.38 0.00	24.01 0.10 0.00	23.40 0.23 0.00	29.16 0.51 0.00	32.36 0.58 0.00	31.85 1.26 0.00	36.81 2.30 0.00	46.46 2.99 0.00	51.27 3.89 0.00	55.17 4.87 0.00	55.89 5.67 0.00	83.20 5.58 0.00	98.37 4.82 0.00	92.85 4.30 0.00	293.88 14.71 0.00	943.38 41.07 0.00	89.39 4.04 0.00	57.50 2.68 0.00	57.76 2.63 0.00	47.60 1.70 0.00	46.37 1.18 0.00
COFFEEN___115KV_TB3 355620	30.69 0.52 0.00	26.52 0.57 0.00	24.84 0.43 0.00	24.95 0.29 0.00	24.08 0.16 0.00	24.15 0.98 0.00	30.23 1.58 0.00	33.94 2.17 0.00	32.24 1.65 0.00	36.13 1.62 0.00	45.81 1.81 -0.53	52.21 1.47 -3.37	50.15 1.46 1.61	54.15 1.77 -2.16	89.69 3.46 -8.62	107.05 3.06 -10.43	99.44 2.58 -8.30	302.00 10.88 -11.95	961.19 44.78 -14.10	99.96 5.65 -8.96	64.33 4.32 -5.19	65.12 4.76 -5.22	52.91 3.31 -3.71	50.00 2.59 -2.21
COLDSPRG_115KV_BK1 355956	31.88 1.71 0.00	27.33 1.38 0.00	25.18 0.77 0.00	25.25 0.59 0.00	24.32 0.41 0.00	23.77 0.60 0.00	30.00 1.34 0.00	33.44 1.67 0.00	32.77 2.18 0.00	37.91 3.40 0.00	48.00 4.54 0.00	53.11 5.74 0.00	56.56 6.26 0.00	57.29 7.06 0.00	85.82 8.21 0.00	102.01 8.45 0.00	95.52 6.97 0.00	303.84 24.67 0.00	961.41 59.10 0.00	90.43 5.08 0.00	58.26 3.44 0.00	58.56 3.43 0.00	48.39 2.49 0.00	47.07 1.87 0.00
COLONIE_LFGE___ 323577	31.34 1.17 0.00	26.95 0.99 0.00	25.34 0.93 0.00	25.66 0.99 0.00	24.87 0.95 0.00	24.03 0.86 0.00	29.84 1.19 0.00	32.93 1.15 0.00	31.62 1.03 0.00	35.53 1.02 0.00	44.87 1.40 0.00	48.84 1.47 0.00	51.79 1.49 0.00	51.79 1.56 0.00	80.08 2.47 0.00	96.55 2.99 0.00	91.38 2.82 0.00	288.78 9.62 0.00	939.17 36.86 0.00	88.51 3.16 0.00	195.73 2.32 -138.58	240.20 2.36 -182.71	47.76 1.86 0.00	47.11 1.92 0.00
COOPERNY_115KV_TB1 80082	30.92 0.75 0.00	26.61 0.66 0.00	25.01 0.61 0.00	25.27 0.61 0.00	24.50 0.58 0.00	23.72 0.55 0.00	29.42 0.76 0.00	32.63 0.85 0.00	31.51 0.93 0.00	35.55 1.03 0.00	44.79 1.33 0.00	48.91 1.53 0.00	51.82 1.52 0.00	51.95 1.72 0.00	80.23 2.61 0.00	96.63 3.07 0.00	91.32 2.77 0.00	287.00 7.83 0.00	924.05 21.75 0.00	87.04 1.69 0.00	65.96 1.09 -10.05	69.60 1.21 -13.25	46.85 0.95 0.00	46.15 0.96 0.00
COPENHAGEN_WT_PWR 323753	29.97 -0.20 0.00	25.96 0.00 0.00	24.30 -0.10 0.00	24.40 -0.26 0.00	23.53 -0.38 0.00	23.74 0.57 0.00	29.68 1.03 0.00	33.38 1.61 0.00	31.76 1.17 0.00	35.70 1.19 0.00	45.33 1.31 -0.56	51.56 0.66 -3.53	49.55 0.59 1.35	53.60 1.12 -2.26	89.00 2.35 -9.04	106.48 1.99 -10.93	98.88 1.62 -8.70	298.96 7.26 -12.54	947.83 30.74 -14.79	98.84 4.10 -9.40	63.47 3.20 -5.45	64.21 3.60 -5.48	52.02 2.23 -3.88	49.12 1.61 -2.32
CORNELL_____ 23752	31.22 1.05 0.00	26.79 0.84 0.00	25.08 0.68 0.00	25.29 0.63 0.00	24.49 0.58 0.00	23.80 0.63 0.00	29.55 0.90 0.00	32.78 1.00 0.00	31.69 1.10 0.00	35.90 1.38 0.00	45.67 1.88 -0.33	51.95 2.50 -2.07	53.75 2.42 -1.03	54.17 2.62 -1.33	86.24 3.32 -5.31	103.52 3.55 -6.42	96.92 3.25 -5.11	298.79 12.26 -7.36	952.50 41.50 -8.69	95.08 4.21 -5.52	65.04 2.82 -7.40	66.62 2.73 -8.75	50.16 1.98 -2.28	48.21 1.66 -1.36

CORONA_69_KV_TB1 355595	46.41 2.07 -14.17	31.73 1.74 -4.04	25.97 1.56 0.00	26.23 1.57 0.00	25.40 1.49 0.00	24.64 1.47 0.00	30.63 1.97 0.00	33.97 2.20 0.00	32.90 2.31 0.00	38.06 2.69 -0.85	46.85 3.39 0.00	51.05 3.67 0.00	54.02 3.71 0.00	54.10 3.86 -0.02	83.27 5.66 0.00	100.44 6.83 -0.06	95.10 6.54 0.00	296.98 17.82 0.00	950.05 47.74 0.00	91.44 4.28 -1.82	72.17 2.77 -14.58	77.73 2.99 -19.61	52.27 2.68 -3.69	58.96 2.80 -10.97
CORTLAND_115KV_TB3 80093	30.97 0.80 0.00	26.60 0.65 0.00	24.92 0.51 0.00	25.15 0.48 0.00	24.36 0.45 0.00	23.65 0.49 0.00	29.37 0.71 0.00	32.57 0.80 0.00	31.47 0.88 0.00	35.64 1.12 0.00	45.26 1.47 -0.32	51.50 2.07 -2.05	53.22 1.89 -1.02	53.59 2.05 -1.32	85.48 2.60 -5.26	102.69 2.76 -6.36	96.11 2.49 -5.07	295.62 9.16 -7.30	940.90 29.97 -8.62	93.85 3.02 -5.48	60.11 2.11 -3.17	60.42 2.10 -3.19	49.75 1.59 -2.26	47.84 1.30 -1.35
COXSACKIE___GT 23611	32.33 2.16 0.00	27.74 1.79 0.00	26.09 1.68 0.00	26.42 1.76 0.00	25.59 1.68 0.00	24.70 1.53 0.00	30.65 2.00 0.00	33.78 2.01 0.00	32.20 1.61 0.00	36.01 1.49 0.00	45.52 2.06 0.00	49.72 2.34 0.00	52.76 2.46 0.00	52.83 2.61 0.00	81.31 3.70 0.00	98.55 4.99 0.00	93.86 5.31 0.00	293.79 14.62 0.00	930.80 28.49 0.00	89.56 4.21 0.00	119.62 4.70 -60.09	139.20 4.84 -79.23	49.67 3.77 0.00	48.64 3.45 0.00
CPV_VALLEY___CC1 323721	30.98 0.81 0.00	26.68 0.73 0.00	25.07 0.67 0.00	25.33 0.67 0.00	24.56 0.64 0.00	23.78 0.61 0.00	29.50 0.85 0.00	32.73 0.95 0.00	31.62 1.03 0.00	35.68 1.16 0.00	44.95 1.49 0.00	49.07 1.69 0.00	51.97 1.67 0.00	52.12 1.90 0.00	80.58 2.97 0.00	97.09 3.53 0.00	91.73 3.18 0.00	287.90 8.73 0.00	925.95 23.65 0.00	87.10 1.76 0.00	67.82 1.10 -11.89	72.02 1.22 -15.67	46.87 0.97 0.00	46.20 1.01 0.00
CPV_VALLEY___CC2 323722	30.98 0.81 0.00	26.68 0.73 0.00	25.07 0.67 0.00	25.33 0.67 0.00	24.56 0.64 0.00	23.78 0.61 0.00	29.50 0.85 0.00	32.73 0.95 0.00	31.62 1.03 0.00	35.68 1.16 0.00	44.95 1.49 0.00	49.07 1.69 0.00	51.97 1.67 0.00	52.12 1.90 0.00	80.58 2.97 0.00	97.09 3.53 0.00	91.73 3.18 0.00	287.90 8.73 0.00	925.95 23.65 0.00	87.10 1.76 0.00	67.82 1.10 -11.89	72.02 1.22 -15.67	46.87 0.97 0.00	46.20 1.01 0.00
CRESCENT___HYD 24018	31.34 1.17 0.00	26.95 0.99 0.00	25.34 0.93 0.00	25.66 0.99 0.00	24.87 0.95 0.00	24.03 0.86 0.00	29.84 1.19 0.00	32.93 1.15 0.00	31.62 1.03 0.00	35.53 1.02 0.00	44.87 1.40 0.00	48.84 1.47 0.00	51.79 1.49 0.00	51.79 1.56 0.00	80.08 2.47 0.00	96.55 2.99 0.00	91.38 2.82 0.00	288.78 9.62 0.00	939.17 36.86 0.00	88.51 3.16 0.00	195.73 2.32 -138.58	240.20 2.36 -182.71	47.76 1.86 0.00	47.11 1.92 0.00
CRICKET___VALLEY_CC1 323756	31.13 0.95 0.00	26.74 0.79 0.00	25.13 0.73 0.00	25.39 0.73 0.00	24.61 0.70 0.00	23.83 0.66 0.00	29.71 1.06 0.00	32.92 1.15 0.00	31.75 1.16 0.00	35.74 1.22 0.00	45.14 1.67 0.00	49.23 1.85 0.00	52.08 1.78 0.00	52.10 1.88 0.00	80.59 2.98 0.00	97.34 3.79 0.00	92.28 3.73 0.00	290.34 11.18 0.00	936.96 34.65 0.00	88.01 2.67 0.00	74.47 1.68 -17.97	80.45 1.64 -23.68	47.22 1.31 0.00	46.63 1.43 0.00
CRICKET___VALLEY_CC2 323757	31.13 0.95 0.00	26.74 0.79 0.00	25.13 0.73 0.00	25.39 0.73 0.00	24.61 0.70 0.00	23.83 0.66 0.00	29.71 1.06 0.00	32.92 1.15 0.00	31.75 1.16 0.00	35.74 1.22 0.00	45.14 1.67 0.00	49.23 1.85 0.00	52.08 1.78 0.00	52.10 1.88 0.00	80.59 2.98 0.00	97.34 3.79 0.00	92.28 3.73 0.00	290.34 11.18 0.00	936.96 34.65 0.00	88.01 2.67 0.00	74.47 1.68 -17.97	80.45 1.64 -23.68	47.22 1.31 0.00	46.63 1.43 0.00
CRICKET___VALLEY_CC3 323758	31.13 0.95 0.00	26.74 0.79 0.00	25.13 0.73 0.00	25.39 0.73 0.00	24.61 0.70 0.00	23.83 0.66 0.00	29.71 1.06 0.00	32.92 1.15 0.00	31.75 1.16 0.00	35.74 1.22 0.00	45.14 1.67 0.00	49.23 1.85 0.00	52.08 1.78 0.00	52.10 1.88 0.00	80.59 2.98 0.00	97.34 3.79 0.00	92.28 3.73 0.00	290.34 11.18 0.00	936.96 34.65 0.00	88.01 2.67 0.00	74.47 1.68 -17.97	80.45 1.64 -23.68	47.22 1.31 0.00	46.63 1.43 0.00
CRUCIBLE_METL_DRP 24180	30.46 0.29 0.00	26.20 0.25 0.00	24.54 0.13 0.00	24.79 0.12 0.00	23.99 0.08 0.00	23.26 0.09 0.00	28.77 0.12 0.00	31.86 0.08 0.00	30.80 0.21 0.00	34.89 0.37 0.00	44.63 0.53 -0.63	52.10 0.75 -3.98	53.04 0.75 -1.98	53.74 0.96 -2.55	88.78 0.98 -10.19	106.78 0.90 -12.32	99.16 0.80 -9.81	296.51 3.22 -14.13	928.58 9.59 -16.68	96.97 1.02 -10.60	61.65 0.69 -6.14	61.95 0.64 -6.18	50.67 0.38 -4.38	47.96 0.15 -2.61
DAHOWA___HYDRO 323763	32.05 1.88 0.00	27.46 1.51 0.00	25.81 1.40 0.00	26.13 1.46 0.00	25.32 1.41 0.00	24.51 1.34 0.00	30.48 1.83 0.00	33.61 1.83 0.00	32.18 1.59 0.00	36.21 1.69 0.00	45.72 2.26 0.00	49.93 2.55 0.00	53.01 2.70 0.00	53.07 2.85 0.00	82.08 4.47 0.00	98.99 5.43 0.00	93.76 5.21 0.00	296.74 17.57 0.00	967.64 65.34 0.00	91.26 5.91 0.00	219.56 4.31 -160.42	270.97 4.33 -211.51	49.30 3.40 0.00	48.52 3.33 0.00
DANC___LFGE 323619	30.03 -0.14 0.00	25.94 -0.01 0.00	24.30 -0.10 0.00	24.45 -0.22 0.00	23.61 -0.31 0.00	23.46 0.30 0.00	29.23 0.57 0.00	32.67 0.90 0.00	31.26 0.67 0.00	35.22 0.70 0.00	44.95 0.79 -0.70	52.26 0.46 -4.42	50.85 0.43 -0.12	53.87 0.81 -2.83	90.42 1.48 -11.33	108.31 1.05 -13.70	100.15 0.69 -10.91	298.58 3.71 -15.71	937.65 16.80 -18.54	99.55 2.42 -11.78	63.60 1.95 -6.83	64.31 2.32 -6.87	52.21 1.44 -4.87	49.02 0.93 -2.90
DANSKAMMER___1 23586	31.76 1.59 0.00	27.29 1.34 0.00	25.64 1.23 0.00	25.89 1.23 0.00	25.09 1.18 0.00	24.32 1.15 0.00	30.24 1.59 0.00	33.58 1.81 0.00	32.48 1.89 0.00	36.63 2.11 0.00	46.17 2.71 0.00	50.30 2.93 0.00	53.27 2.97 0.00	53.46 3.24 0.00	82.71 5.10 0.00	99.82 6.26 0.00	94.45 5.90 0.00	296.33 17.16 0.00	951.62 49.31 0.00	89.60 4.25 0.00	72.78 2.67 -15.29	77.95 2.65 -20.16	47.98 2.08 0.00	47.24 2.05 0.00
DANSKAMMER___2 23589	31.76 1.59 0.00	27.29 1.34 0.00	25.64 1.23 0.00	25.89 1.23 0.00	25.09 1.18 0.00	24.32 1.15 0.00	30.24 1.59 0.00	33.58 1.81 0.00	32.48 1.89 0.00	36.63 2.11 0.00	46.17 2.71 0.00	50.30 2.93 0.00	53.27 2.97 0.00	53.46 3.24 0.00	82.71 5.10 0.00	99.82 6.26 0.00	94.45 5.90 0.00	296.33 17.16 0.00	951.62 49.31 0.00	89.60 4.25 0.00	72.78 2.67 -15.29	77.95 2.65 -20.16	47.98 2.08 0.00	47.24 2.05 0.00
DANSKAMMER___3 23590	31.76 1.59 0.00	27.29 1.34 0.00	25.64 1.23 0.00	25.89 1.23 0.00	25.09 1.18 0.00	24.32 1.15 0.00	30.24 1.59 0.00	33.58 1.81 0.00	32.48 1.89 0.00	36.63 2.11 0.00	46.17 2.71 0.00	50.30 2.93 0.00	53.27 2.97 0.00	53.46 3.24 0.00	82.71 5.10 0.00	99.82 6.26 0.00	94.45 5.90 0.00	296.33 17.16 0.00	951.62 49.31 0.00	89.60 4.25 0.00	72.78 2.67 -15.29	77.95 2.65 -20.16	47.98 2.08 0.00	47.24 2.05 0.00

DANSKAMMER___4 23591	31.76 1.59 0.00	27.29 1.34 0.00	25.64 1.23 0.00	25.89 1.23 0.00	25.09 1.18 0.00	24.32 1.15 0.00	30.24 1.59 0.00	33.58 1.81 0.00	32.48 1.89 0.00	36.63 2.11 0.00	46.17 2.71 0.00	50.30 2.93 0.00	53.27 2.97 0.00	53.46 3.24 0.00	82.71 5.10 0.00	99.82 6.26 0.00	94.45 5.90 0.00	296.33 17.16 0.00	951.62 49.31 0.00	89.60 4.25 0.00	72.78 2.67 -15.29	77.95 2.65 -20.16	47.98 2.08 0.00	47.24 2.05 0.00
DANSKAMMER___DIESEL 23592	31.76 1.59 0.00	27.29 1.34 0.00	25.64 1.23 0.00	25.89 1.23 0.00	25.10 1.18 0.00	24.32 1.15 0.00	30.24 1.59 0.00	33.59 1.81 0.00	32.48 1.89 0.00	36.63 2.11 0.00	46.18 2.72 0.00	50.30 2.93 0.00	53.27 2.97 0.00	53.46 3.24 0.00	82.71 5.10 0.00	99.82 6.26 0.00	94.45 5.90 0.00	296.35 17.18 0.00	951.65 49.34 0.00	89.60 4.26 0.00	72.78 2.66 -15.29	77.95 2.65 -20.16	47.98 2.08 0.00	47.24 2.05 0.00
DARBY___SOLAR 323810	31.88 1.71 0.00	27.33 1.38 0.00	25.69 1.29 0.00	26.00 1.34 0.00	25.20 1.29 0.00	24.39 1.22 0.00	30.32 1.66 0.00	33.42 1.65 0.00	32.03 1.44 0.00	36.01 1.49 0.00	45.48 2.01 0.00	49.61 2.23 0.00	52.66 2.36 0.00	52.73 2.51 0.00	81.55 3.94 0.00	98.36 4.80 0.00	93.19 4.63 0.00	294.77 15.60 0.00	960.51 58.20 0.00	90.61 5.27 0.00	216.55 3.85 -157.88	267.17 3.88 -208.16	48.95 3.05 0.00	48.19 2.99 0.00
DASHVILLE___HYD 23610	31.32 1.15 0.00	26.94 0.99 0.00	25.32 0.91 0.00	25.57 0.91 0.00	24.79 0.88 0.00	24.00 0.83 0.00	29.82 1.16 0.00	33.13 1.35 0.00	32.11 1.52 0.00	36.21 1.69 0.00	45.56 2.10 0.00	49.72 2.34 0.00	52.71 2.41 0.00	52.89 2.67 0.00	81.80 4.19 0.00	98.89 5.33 0.00	93.46 4.91 0.00	292.73 13.57 0.00	937.15 34.84 0.00	88.08 2.73 0.00	82.45 1.46 -26.16	91.24 1.61 -34.50	47.22 1.32 0.00	46.55 1.36 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	47.40 3.05 -14.17	32.57 2.57 -4.04	26.73 2.32 0.00	27.03 2.37 0.00	26.17 2.26 0.00	25.40 2.24 0.00	31.61 2.96 0.00	35.10 3.33 0.00	34.05 3.47 0.00	39.33 3.96 -0.85	48.28 4.82 0.00	52.29 4.92 0.00	55.55 5.45 0.20	55.67 5.72 0.27	86.26 8.65 0.00	104.81 10.52 -0.73	103.12 10.12 -4.45	302.54 23.38 0.00	963.35 61.04 0.00	94.61 7.45 -1.82	73.87 4.47 -14.58	79.18 4.44 -19.61	53.43 3.85 -3.69	60.25 4.09 -10.97
DELAWARE___LFGE 323621	31.08 0.91 0.00	26.76 0.81 0.00	25.15 0.75 0.00	25.42 0.75 0.00	24.63 0.72 0.00	23.81 0.64 0.00	29.52 0.87 0.00	32.77 1.00 0.00	31.67 1.08 0.00	35.82 1.30 0.00	45.29 1.72 -0.11	50.08 2.03 -0.67	52.75 2.11 -0.33	52.90 2.24 -0.43	82.39 3.05 -1.72	99.05 3.41 -2.08	93.35 3.14 -1.66	291.28 9.72 -2.39	934.35 29.22 -2.82	89.81 2.67 -1.80	76.82 1.75 -20.26	83.32 1.81 -26.38	48.03 1.39 -0.74	46.91 1.28 -0.44
DERFIELD_115KV_TB7 355931	30.34 0.17 0.00	26.11 0.16 0.00	24.55 0.15 0.00	24.82 0.16 0.00	24.06 0.15 0.00	23.29 0.12 0.00	28.84 0.18 0.00	31.96 0.18 0.00	30.77 0.19 0.00	34.74 0.22 0.00	43.77 0.31 0.00	47.75 0.37 0.00	51.57 0.37 -0.89	50.67 0.45 0.00	78.18 0.56 0.00	94.13 0.57 0.00	89.06 0.50 0.00	280.81 1.65 0.00	907.54 5.23 0.00	85.78 0.43 0.00	55.15 0.33 0.00	55.49 0.36 0.00	46.18 0.28 0.00	45.45 0.26 0.00
DOGLEVILLE___HYD 23807	30.85 0.68 0.00	26.50 0.54 0.00	24.91 0.50 0.00	25.21 0.54 0.00	24.46 0.55 0.00	23.63 0.46 0.00	29.21 0.55 0.00	32.24 0.46 0.00	30.84 0.25 0.00	34.83 0.31 0.00	43.78 0.31 0.00	47.87 0.50 0.00	51.70 0.50 -0.89	50.93 0.70 0.00	79.08 1.46 0.00	95.25 1.70 0.00	89.70 1.15 0.00	284.70 5.53 0.00	928.12 25.81 0.00	87.74 2.39 0.00	56.85 2.03 0.00	57.04 1.91 0.00	47.41 1.51 0.00	46.49 1.30 0.00
DUNKIRK___115KV_TB_200 55889	31.32 1.15 0.00	26.82 0.87 0.00	24.69 0.29 0.00	24.74 0.08 0.00	23.77 -0.15 0.00	23.20 0.03 0.00	29.16 0.50 0.00	32.52 0.74 0.00	31.94 1.35 0.00	37.04 2.52 0.00	46.86 3.40 0.00	51.81 4.44 0.00	55.48 5.18 0.00	56.20 5.98 0.00	84.23 6.62 0.00	100.40 6.84 0.00	93.85 5.30 0.00	299.72 20.56 0.00	945.96 43.65 0.00	89.05 3.71 0.00	57.43 2.61 0.00	57.47 2.34 0.00	47.59 1.68 0.00	46.33 1.14 0.00
DUNKIRK___1 23563	31.32 1.15 0.00	26.82 0.87 0.00	24.69 0.29 0.00	24.74 0.08 0.00	23.77 -0.15 0.00	23.20 0.03 0.00	29.16 0.50 0.00	32.52 0.74 0.00	31.94 1.35 0.00	37.04 2.52 0.00	46.86 3.40 0.00	51.81 4.44 0.00	55.48 5.18 0.00	56.20 5.98 0.00	84.23 6.62 0.00	100.40 6.84 0.00	93.85 5.30 0.00	299.72 20.56 0.00	945.96 43.65 0.00	89.05 3.71 0.00	57.43 2.61 0.00	57.47 2.34 0.00	47.59 1.68 0.00	46.33 1.14 0.00
DUNKIRK___2 23564	31.32 1.15 0.00	26.82 0.87 0.00	24.69 0.29 0.00	24.74 0.08 0.00	23.77 -0.15 0.00	23.20 0.03 0.00	29.16 0.50 0.00	32.52 0.74 0.00	31.94 1.35 0.00	37.04 2.52 0.00	46.86 3.40 0.00	51.81 4.44 0.00	55.48 5.18 0.00	56.20 5.98 0.00	84.23 6.62 0.00	100.40 6.84 0.00	93.85 5.30 0.00	299.72 20.56 0.00	945.96 43.65 0.00	89.05 3.71 0.00	57.43 2.61 0.00	57.47 2.34 0.00	47.59 1.68 0.00	46.33 1.14 0.00
DUNKIRK___3 23565	31.30 1.13 0.00	26.81 0.85 0.00	24.70 0.30 0.00	24.75 0.09 0.00	23.78 -0.13 0.00	23.20 0.03 0.00	29.05 0.40 0.00	32.33 0.55 0.00	31.77 1.18 0.00	36.77 2.26 0.00	46.50 3.04 0.00	51.39 4.01 0.00	55.02 4.72 0.00	55.70 5.48 0.00	83.37 5.76 0.00	99.29 5.73 0.00	92.96 4.41 0.00	296.21 17.05 0.00	938.72 36.41 0.00	88.50 3.16 0.00	57.07 2.24 0.00	57.19 2.06 0.00	47.34 1.44 0.00	46.14 0.94 0.00
DUNKIRK___4 23566	31.30 1.13 0.00	26.81 0.85 0.00	24.70 0.30 0.00	24.75 0.09 0.00	23.78 -0.13 0.00	23.20 0.03 0.00	29.05 0.40 0.00	32.33 0.55 0.00	31.77 1.18 0.00	36.77 2.26 0.00	46.50 3.04 0.00	51.39 4.01 0.00	55.02 4.72 0.00	55.70 5.48 0.00	83.37 5.76 0.00	99.29 5.73 0.00	92.96 4.41 0.00	296.21 17.05 0.00	938.72 36.41 0.00	88.50 3.16 0.00	57.07 2.24 0.00	57.19 2.06 0.00	47.34 1.44 0.00	46.14 0.94 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	31.63 1.46 0.00	27.20 1.24 0.00	25.55 1.14 0.00	25.80 1.14 0.00	25.01 1.10 0.00	24.24 1.08 0.00	30.14 1.49 0.00	33.48 1.70 0.00	32.39 1.80 0.00	36.55 2.03 0.00	46.03 2.57 0.00	50.19 2.81 0.00	53.12 2.82 0.00	53.28 3.05 0.00	82.38 4.77 0.00	99.22 5.67 0.00	93.77 5.22 0.00	293.69 14.52 0.00	942.40 40.09 0.00	88.56 3.21 0.00	71.42 2.01 -14.59	76.45 2.09 -19.23	47.61 1.71 0.00	47.01 1.82 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	31.46 1.30 0.00	27.05 1.10 0.00	25.41 1.01 0.00	25.67 1.01 0.00	24.89 0.97 0.00	24.10 0.93 0.00	29.96 1.30 0.00	33.25 1.47 0.00	32.14 1.55 0.00	36.26 1.74 0.00	45.70 2.24 0.00	49.85 2.47 0.00	52.79 2.49 0.00	53.00 2.77 0.00	81.96 4.35 0.00	98.85 5.30 0.00	93.47 4.92 0.00	293.37 14.21 0.00	942.87 40.56 0.00	88.68 3.34 0.00	71.60 2.09 -14.69	76.65 2.15 -19.37	47.59 1.70 0.00	46.89 1.70 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	31.66 1.49 0.00	27.20 1.25 0.00	25.59 1.19 0.00	25.80 1.14 0.00	25.01 1.10 0.00	24.27 1.09 0.00	30.13 1.48 0.00	33.55 1.77 0.00	32.47 1.88 0.00	36.60 2.08 0.00	46.11 2.65 0.00	50.30 2.93 0.00	53.24 2.94 0.00	53.42 3.19 0.00	82.62 5.01 0.00	99.30 5.75 0.00	93.75 5.20 0.00	293.29 14.12 0.00	941.32 39.02 0.01	88.58 3.24 0.00	71.47 2.06 -14.58	76.49 2.13 -19.23	47.73 1.83 0.00	47.21 2.01 0.00
E179THST_13_KV_LOAD 356214	31.84 1.67 0.00	27.36 1.40 0.00	25.73 1.32 0.00	25.94 1.28 0.00	25.14 1.23 0.00	24.39 1.22 0.00	30.29 1.64 0.00	33.75 1.97 0.00	32.66 2.08 0.00	36.83 2.31 0.00	46.41 2.95 0.00	50.63 3.26 0.00	53.61 3.31 0.00	53.80 3.57 0.00	83.20 5.59 0.00	100.02 6.47 0.00	94.40 5.85 0.00	295.42 16.26 0.00	948.12 45.82 0.01	89.19 3.84 0.00	71.85 2.45 -14.58	76.87 2.52 -19.23	48.04 2.14 0.00	47.49 2.30 0.00
EAST HAMPTON___GT 23717	47.83 3.49 -14.17	32.94 2.94 -4.04	27.06 2.66 0.00	27.37 2.71 0.00	26.50 2.59 0.00	25.73 2.56 0.00	32.05 3.39 0.00	35.62 3.85 0.00	34.61 4.02 0.00	40.07 4.70 -0.86	49.01 5.55 0.00	53.01 5.64 0.00	56.77 6.67 0.20	56.81 6.86 0.27	88.04 10.43 0.00	106.82 12.54 -0.73	104.90 11.90 -4.45	305.43 26.26 0.00	972.36 70.05 0.00	96.18 9.02 -1.82	74.85 5.44 -14.58	80.29 5.55 -19.61	54.32 4.73 -3.69	61.03 4.87 -10.97
EAST RIVER___6 23660	31.71 1.54 0.00	27.25 1.30 0.00	25.60 1.19 0.00	25.83 1.17 0.00	25.05 1.14 0.00	24.27 1.10 0.00	30.18 1.53 0.00	33.60 1.83 0.00	32.58 1.99 0.00	36.78 2.27 0.00	46.25 2.78 0.00	50.37 3.00 0.00	53.32 3.02 0.00	53.44 3.22 0.00	82.62 5.00 0.00	99.43 5.88 0.00	93.93 5.38 0.00	293.86 14.70 0.00	942.05 39.74 0.00	88.56 3.21 0.00	71.43 2.02 -14.59	76.44 2.08 -19.23	47.57 1.67 0.00	47.05 1.85 0.00
EAST RIVER___7 23524	31.71 1.54 0.00	27.25 1.30 0.00	25.60 1.19 0.00	25.83 1.17 0.00	25.05 1.14 0.00	24.27 1.10 0.00	30.18 1.53 0.00	33.60 1.83 0.00	32.58 1.99 0.00	36.78 2.27 0.00	46.25 2.78 0.00	50.37 3.00 0.00	53.32 3.02 0.00	53.44 3.22 0.00	82.62 5.00 0.00	99.43 5.88 0.00	93.93 5.38 0.00	293.86 14.70 0.00	942.05 39.74 0.00	88.56 3.21 0.00	71.43 2.02 -14.59	76.44 2.08 -19.23	47.57 1.67 0.00	47.05 1.85 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	31.55 1.38 0.00	27.13 1.18 0.00	25.48 1.08 0.00	25.73 1.07 0.00	24.95 1.04 0.00	24.18 1.01 0.00	30.06 1.40 0.00	33.38 1.60 0.00	32.29 1.70 0.00	36.43 1.91 0.00	45.90 2.44 0.00	50.07 2.69 0.00	53.00 2.70 0.00	53.15 2.93 0.00	82.19 4.58 0.00	99.03 5.47 0.00	93.59 5.04 0.00	293.19 14.02 0.00	941.22 38.91 0.00	88.44 3.10 0.00	71.31 1.93 -14.55	76.33 2.02 -19.18	47.55 1.64 0.00	46.94 1.75 0.00
EAST_HAMPTON___DIESEL 23722	47.84 3.49 -14.17	32.95 2.95 -4.04	27.07 2.66 0.00	27.38 2.72 0.00	26.51 2.60 0.00	25.74 2.58 0.00	32.06 3.41 0.00	35.63 3.85 0.00	34.62 4.03 0.00	40.08 4.71 -0.86	49.04 5.58 0.00	53.05 5.68 0.00	56.81 6.70 0.20	56.83 6.88 0.27	88.07 10.46 0.00	106.87 12.59 -0.73	104.97 11.97 -4.45	305.71 26.54 0.00	973.08 70.77 0.00	96.25 9.08 -1.82	74.88 5.48 -14.58	80.32 5.58 -19.61	54.33 4.74 -3.69	61.05 4.88 -10.97
EAST_POINT___SOLAR 323840	32.60 2.43 0.00	27.98 2.03 0.00	26.22 1.82 0.00	26.40 1.74 0.00	25.62 1.71 0.00	24.91 1.74 0.00	30.72 2.07 0.00	33.77 2.00 0.00	31.95 1.36 0.00	36.08 1.57 0.00	45.33 1.86 0.00	49.36 1.98 0.00	52.46 2.15 0.00	53.10 2.88 0.00	83.43 5.82 0.00	99.66 6.10 0.00	94.54 5.99 0.00	300.16 21.00 0.00	973.95 71.64 0.00	93.38 8.04 0.00	203.79 5.60 -143.37	249.79 5.63 -189.03	50.37 4.48 0.00	49.21 4.02 0.00
EAST_PULASKI___ESR 323781	30.10 -0.07 0.00	25.94 -0.01 0.00	24.31 -0.09 0.00	24.50 -0.17 0.00	23.69 -0.22 0.00	23.21 0.04 0.00	28.80 0.14 0.00	32.00 0.23 0.00	30.77 0.18 0.00	34.71 0.19 0.00	44.68 0.21 -1.00	53.88 0.17 -6.33	52.58 0.19 -2.09	54.71 0.43 -4.06	94.37 0.54 -16.21	113.20 0.04 -19.61	103.94 -0.22 -15.61	301.79 0.14 -22.49	931.97 3.12 -26.54	103.00 0.78 -16.87	65.37 0.77 -9.77	66.04 1.08 -9.83	53.54 0.67 -6.97	49.57 0.22 -4.15
EAST_RIVER___1 323558	31.71 1.54 0.00	27.26 1.30 0.00	25.60 1.20 0.00	25.84 1.18 0.00	25.06 1.15 0.00	24.30 1.13 0.00	30.21 1.56 0.00	33.61 1.83 0.00	32.57 1.98 0.00	36.77 2.26 0.00	46.28 2.82 0.00	50.44 3.07 0.00	53.40 3.09 0.00	53.54 3.31 0.00	82.77 5.16 0.00	99.59 6.03 0.00	94.07 5.52 0.00	294.32 15.16 0.00	943.72 41.41 0.00	88.64 3.29 0.00	71.47 2.07 -14.59	76.50 2.14 -19.23	47.63 1.73 0.00	47.08 1.88 0.00
EAST_RIVER___2 323559	31.71 1.54 0.00	27.25 1.30 0.00	25.60 1.19 0.00	25.83 1.17 0.00	25.05 1.14 0.00	24.27 1.10 0.00	30.18 1.53 0.00	33.60 1.83 0.00	32.58 1.99 0.00	36.78 2.27 0.00	46.25 2.78 0.00	50.37 3.00 0.00	53.32 3.02 0.00	53.44 3.22 0.00	82.62 5.00 0.00	99.43 5.88 0.00	93.93 5.38 0.00	293.86 14.70 0.00	942.05 39.74 0.00	88.56 3.21 0.00	71.43 2.02 -14.59	76.44 2.08 -19.23	47.57 1.67 0.00	47.05 1.85 0.00
EAST___DELAWARE_HYD 23607	30.92 0.75 0.00	26.57 0.62 0.00	24.96 0.56 0.00	25.21 0.54 0.00	24.44 0.53 0.00	23.68 0.51 0.00	29.40 0.75 0.00	32.52 0.75 0.00	31.30 0.71 0.00	34.36 -0.16 0.00	43.25 -0.21 0.00	47.18 -0.20 0.00	50.00 -0.30 0.00	50.19 -0.03 0.00	77.77 0.16 0.00	94.10 0.54 0.00	88.98 0.42 0.00	279.93 0.77 0.00	900.74 -1.57 0.00	84.86 -0.49 0.00	70.54 -0.27 -15.99	77.27 1.06 -21.08	46.62 0.73 0.00	45.86 0.66 0.00
EIGHT_POINT___WT_PWR 323820	30.12 -0.05 0.00	25.64 -0.31 0.00	23.89 -0.52 0.00	23.97 -0.69 0.00	23.33 -0.58 0.00	22.92 -0.25 0.00	28.64 -0.02 0.00	31.82 0.05 0.00	31.37 0.78 0.00	36.59 2.07 0.00	46.42 2.83 -0.13	51.89 3.69 -0.83	54.74 4.02 -0.41	55.29 4.54 -0.53	84.50 4.77 -2.12	100.40 4.28 -2.56	94.12 3.53 -2.04	295.92 13.81 -2.94	948.33 42.55 -3.47	91.33 3.78 -2.20	58.55 2.45 -1.28	58.40 1.98 -1.29	47.88 1.07 -0.91	46.95 1.21 -0.54
ELBRIDGE_115KV_TB2 80188	30.33 0.15 0.00	26.09 0.14 0.00	24.41 0.01 0.00	24.65 -0.01 0.00	23.85 -0.07 0.00	23.13 -0.04 0.00	28.63 -0.02 0.00	31.74 -0.04 0.00	30.71 0.12 0.00	34.80 0.28 0.00	44.63 0.50 -0.66	52.27 0.68 -4.21	53.15 0.75 -2.10	53.88 0.96 -2.70	89.23 0.83 -10.79	107.24 0.64 -13.05	99.45 0.50 -10.39	296.47 2.34 -14.96	927.34 7.37 -17.67	97.39 0.81 -11.23	61.90 0.57 -6.51	62.19 0.52 -6.54	50.80 0.26 -4.64	48.04 0.08 -2.76
ELEC_TRO_TEK 24086	46.22 1.87 -14.17	31.57 1.58 -4.04	25.83 1.42 0.00	26.10 1.44 0.00	25.28 1.37 0.00	24.51 1.34 0.00	30.47 1.81 0.00	33.79 2.01 0.00	32.73 2.14 0.00	37.85 2.48 -0.85	46.58 3.12 0.00	50.69 3.31 0.00	53.60 3.30 0.00	53.71 3.47 -0.02	82.86 5.25 0.00	99.89 6.33 0.00	94.57 6.02 0.00	295.23 16.06 0.00	944.30 41.99 0.00	90.94 3.78 -1.82	71.81 2.41 -14.58	77.26 2.53 -19.61	51.86 2.27 -3.69	58.59 2.43 -10.97

ELLENBURG_WT_PWR 323604	30.15 -0.02 0.00	25.35 -0.61 0.00	24.23 -0.18 0.00	24.43 -0.23 0.00	23.75 -0.16 0.00	22.86 -0.31 0.00	28.05 -0.61 0.00	31.57 -0.20 0.00	30.55 -0.04 0.00	34.27 -0.25 0.00	42.62 -0.84 0.00	45.73 -1.65 0.00	30.16 -2.41 17.74	47.71 -2.52 0.00	74.76 -2.85 0.00	90.19 -3.37 0.00	85.68 -2.87 0.00	270.85 -8.32 0.00	877.85 -24.46 0.00	83.42 -1.92 0.00	53.68 -1.14 0.00	53.98 -1.16 0.00	44.98 -0.92 0.00	44.67 -0.53 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	31.38 1.20 0.00	26.87 0.92 0.00	24.74 0.33 0.00	24.76 0.09 0.00	23.73 -0.18 0.00	23.12 -0.06 0.00	28.80 0.15 0.00	31.91 0.14 0.00	31.40 0.81 0.00	36.33 1.81 0.00	45.90 2.43 0.00	50.57 3.19 0.00	54.44 4.14 0.00	55.09 4.87 0.00	81.82 4.20 0.00	96.64 3.09 0.00	91.18 2.63 0.00	288.22 9.05 0.00	925.96 23.65 0.00	87.81 2.46 0.00	56.46 1.64 0.00	56.70 1.57 0.00	46.81 0.91 0.00	45.69 0.50 0.00
EMPIRE_CC_1 323656	30.94 0.77 0.00	26.68 0.73 0.00	25.11 0.70 0.00	25.43 0.77 0.00	24.65 0.73 0.00	23.79 0.62 0.00	29.52 0.86 0.00	32.54 0.76 0.00	31.27 0.68 0.00	35.11 0.59 0.00	44.32 0.85 0.00	48.19 0.81 0.00	51.06 0.76 0.00	51.02 0.79 0.00	78.86 1.25 0.00	95.07 1.52 0.00	89.97 1.41 0.00	284.09 4.92 0.00	922.56 20.26 0.00	86.89 1.55 0.00	100.01 1.20 -43.98	114.41 1.29 -57.99	46.91 1.01 0.00	46.38 1.18 0.00
EMPIRE_CC_2 323658	30.94 0.77 0.00	26.68 0.73 0.00	25.11 0.70 0.00	25.43 0.77 0.00	24.65 0.73 0.00	23.79 0.62 0.00	29.52 0.86 0.00	32.54 0.76 0.00	31.27 0.68 0.00	35.11 0.59 0.00	44.32 0.85 0.00	48.19 0.81 0.00	51.06 0.76 0.00	51.02 0.79 0.00	78.86 1.25 0.00	95.07 1.52 0.00	89.97 1.41 0.00	284.09 4.92 0.00	922.56 20.26 0.00	86.89 1.55 0.00	100.01 1.20 -43.98	114.41 1.29 -57.99	46.91 1.01 0.00	46.38 1.18 0.00
ENORWICH_115KV_TB1 80156	32.66 2.49 0.00	27.96 2.01 0.00	26.15 1.74 0.00	26.26 1.60 0.00	25.57 1.65 0.00	24.95 1.78 0.00	31.06 2.40 0.00	34.54 2.77 0.00	33.37 2.78 0.00	37.74 3.22 0.00	47.69 3.98 -0.24	53.96 5.04 -1.55	56.32 5.24 -0.77	56.95 5.73 -0.99	88.98 7.40 -3.96	107.12 8.77 -4.79	100.72 8.35 -3.82	314.59 29.93 -5.50	1013.75 104.95 -6.49	99.91 10.43 -4.13	72.76 6.71 -11.23	75.39 6.21 -14.06	52.05 4.45 -1.70	50.11 3.90 -1.02
ERIE_ST__34_KV_TB1-2 80199	31.89 1.72 0.00	27.27 1.31 0.00	25.09 0.69 0.00	25.13 0.47 0.00	24.09 0.18 0.00	23.50 0.33 0.00	29.27 0.62 0.00	32.49 0.71 0.00	31.98 1.39 0.00	36.95 2.44 0.00	46.70 3.24 0.00	51.55 4.18 0.00	55.38 5.08 0.00	56.12 5.90 0.00	83.61 6.00 0.00	99.00 5.44 0.00	93.49 4.94 0.00	295.83 16.66 0.00	950.06 47.75 0.00	89.97 4.62 0.00	57.81 2.99 0.00	58.09 2.96 0.00	47.83 1.93 0.00	46.58 1.39 0.00
ERIE_WT_PWR 323693	31.57 1.40 0.00	27.02 1.06 0.00	24.88 0.47 0.00	24.90 0.24 0.00	23.86 -0.05 0.00	23.26 0.09 0.00	28.98 0.33 0.00	32.11 0.33 0.00	31.64 1.05 0.00	36.60 2.08 0.00	46.25 2.79 0.00	51.02 3.64 0.00	54.90 4.60 0.00	55.58 5.36 0.00	82.61 5.00 0.00	97.66 4.10 0.00	92.16 3.60 0.00	291.43 12.26 0.00	935.90 33.59 0.00	88.67 3.33 0.00	57.02 2.20 0.00	57.30 2.17 0.00	47.29 1.39 0.00	46.11 0.91 0.00
ESPRGFLD_115KV_TB1 80157	31.97 1.80 0.00	27.46 1.51 0.00	25.74 1.33 0.00	25.90 1.24 0.00	25.11 1.19 0.00	24.42 1.25 0.00	30.34 1.68 0.00	33.72 1.94 0.00	32.63 2.04 0.00	36.96 2.44 0.00	46.62 3.15 0.00	51.02 3.64 0.00	54.15 3.85 0.00	54.31 4.09 0.00	83.48 5.87 0.00	100.12 6.57 0.00	94.91 6.35 0.00	299.58 20.41 0.00	965.75 63.44 0.00	91.67 6.32 0.00	155.58 3.95 -96.81	186.69 3.93 -127.63	49.02 3.12 0.00	47.96 2.77 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	31.16 0.99 0.00	26.75 0.80 0.00	25.03 0.63 0.00	25.25 0.59 0.00	24.46 0.54 0.00	23.76 0.59 0.00	29.49 0.84 0.00	32.71 0.94 0.00	31.62 1.03 0.00	35.82 1.30 0.00	45.56 1.76 -0.34	51.88 2.36 -2.15	53.64 2.27 -1.07	54.06 2.47 -1.38	86.21 3.10 -5.49	103.51 3.31 -6.65	96.87 3.02 -5.29	298.29 11.50 -7.62	950.04 38.73 -9.00	95.02 3.95 -5.72	65.02 2.67 -7.53	66.60 2.58 -8.89	50.13 1.87 -2.36	48.17 1.57 -1.41
ETNA____115KV_TB2 80207	31.16 0.99 0.00	26.75 0.80 0.00	25.03 0.63 0.00	25.25 0.59 0.00	24.46 0.54 0.00	23.76 0.59 0.00	29.49 0.84 0.00	32.71 0.94 0.00	31.62 1.03 0.00	35.82 1.30 0.00	45.56 1.76 -0.34	51.88 2.36 -2.15	53.64 2.27 -1.07	54.06 2.47 -1.38	86.21 3.10 -5.49	103.51 3.31 -6.65	96.87 3.02 -5.29	298.29 11.50 -7.62	950.04 38.73 -9.00	95.02 3.95 -5.72	65.02 2.67 -7.53	66.60 2.58 -8.89	50.13 1.87 -2.36	48.17 1.57 -1.41
EUCLID__115KV_TB2 356179	30.12 -0.05 0.00	25.93 -0.03 0.00	24.29 -0.11 0.00	24.51 -0.16 0.00	23.72 -0.19 0.00	23.02 -0.15 0.00	28.49 -0.17 0.00	31.55 -0.23 0.00	30.51 -0.08 0.00	34.59 0.08 0.00	43.95 0.20 -0.29	49.58 0.38 -1.82	51.63 0.43 -0.91	52.02 0.63 -1.16	82.72 0.45 -4.65	99.43 0.24 -5.63	93.17 0.14 -4.48	286.57 0.95 -6.46	912.15 2.22 -7.62	90.50 0.31 -4.85	57.87 0.24 -2.81	58.16 0.20 -2.82	47.92 0.02 -2.00	46.20 -0.18 -1.19
E_CANADA_CAP_HY 24051	32.32 2.14 0.00	27.75 1.80 0.00	26.01 1.61 0.00	26.16 1.50 0.00	25.38 1.46 0.00	24.69 1.52 0.00	30.64 1.98 0.00	33.92 2.15 0.00	32.65 2.06 0.00	36.90 2.39 0.00	46.47 3.01 0.00	50.68 3.31 0.00	53.79 3.49 0.00	54.05 3.82 0.00	83.58 5.97 0.00	100.27 6.72 0.00	94.98 6.43 0.00	300.07 20.90 0.00	969.46 67.15 0.00	92.40 7.06 0.00	186.52 4.55 -127.14	227.36 4.60 -167.63	49.68 3.78 0.00	48.61 3.42 0.00
E_CANADA_MHWK_HY 24050	30.85 0.68 0.00	26.50 0.54 0.00	24.91 0.50 0.00	25.21 0.54 0.00	24.46 0.55 0.00	23.63 0.46 0.00	29.21 0.55 0.00	32.24 0.46 0.00	30.84 0.25 0.00	34.83 0.31 0.00	43.78 0.31 0.00	47.87 0.50 0.00	51.70 0.50 -0.89	50.93 0.70 0.00	79.08 1.46 0.00	95.25 1.70 0.00	89.70 1.15 0.00	284.70 5.53 0.00	928.12 25.81 0.00	87.74 2.39 0.00	56.85 2.03 0.00	57.04 1.91 0.00	47.41 1.51 0.00	46.49 1.30 0.00
E_FISHKILL__LBMP 23776	31.32 1.15 0.00	26.94 0.99 0.00	25.31 0.91 0.00	25.59 0.92 0.00	24.80 0.89 0.00	24.01 0.84 0.00	29.85 1.19 0.00	33.12 1.34 0.00	31.99 1.40 0.00	36.06 1.55 0.00	45.46 2.00 0.00	49.57 2.19 0.00	52.48 2.18 0.00	52.59 2.36 0.00	81.28 3.67 0.00	97.96 4.40 0.00	92.67 4.12 0.00	290.65 11.49 0.00	935.29 32.98 0.00	87.95 2.61 0.00	71.41 1.65 -14.93	76.52 1.71 -19.69	47.30 1.40 0.00	46.69 1.49 0.00
FALCON____SEABRD_CC1 323796	30.37 0.20 0.00	25.64 -0.31 0.00	24.42 0.02 0.00	24.59 -0.07 0.00	23.84 -0.07 0.00	23.00 -0.17 0.00	28.30 -0.36 0.00	31.73 -0.04 0.00	30.61 0.03 0.00	34.37 -0.15 0.00	42.58 -0.88 0.00	45.49 -1.89 0.00	29.95 -2.62 17.73	47.44 -2.78 0.00	74.30 -3.31 0.00	89.73 -3.83 0.00	85.33 -3.22 0.00	269.62 -9.55 0.00	873.45 -28.86 0.00	82.94 -2.40 0.00	53.29 -1.53 0.00	53.64 -1.49 0.00	44.85 -1.05 0.00	44.88 -0.31 0.00

FALCON___SEABRD_CC2 323797	30.37 0.20 0.00	25.64 -0.31 0.00	24.42 0.02 0.00	24.59 -0.07 0.00	23.84 -0.07 0.00	23.00 -0.17 0.00	28.30 -0.36 0.00	31.73 -0.04 0.00	30.61 0.03 0.00	34.37 -0.15 0.00	42.58 -0.88 0.00	45.49 -1.89 0.00	29.95 -2.62 17.73	47.44 -2.78 0.00	74.30 -3.31 0.00	89.73 -3.83 0.00	85.33 -3.22 0.00	269.62 -9.55 0.00	873.45 -28.86 0.00	82.94 -2.40 0.00	53.29 -1.53 0.00	53.64 -1.49 0.00	44.85 -1.05 0.00	44.88 -0.31 0.00
FAR ROCKAWAY___4 23548	46.65 2.30 -14.17	31.93 1.94 -4.04	26.14 1.74 0.00	26.41 1.75 0.00	25.57 1.66 0.00	24.80 1.63 0.00	30.84 2.19 0.00	34.23 2.45 0.00	33.17 2.58 0.00	38.38 3.01 -0.85	47.28 3.82 0.00	51.53 4.15 0.00	54.55 4.24 0.00	54.44 4.20 -0.02	83.58 5.96 0.00	100.85 7.23 -0.06	95.46 6.91 0.00	298.29 19.12 0.00	953.61 51.31 0.00	91.78 4.62 -1.82	72.37 2.97 -14.58	78.08 3.34 -19.61	52.69 3.11 -3.69	59.36 3.20 -10.97
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	31.73 1.56 0.00	27.27 1.31 0.00	25.61 1.21 0.00	25.86 1.20 0.00	25.08 1.16 0.00	24.31 1.15 0.00	30.23 1.58 0.00	33.64 1.86 0.00	32.59 2.01 0.00	36.80 2.29 0.00	46.33 2.86 0.00	50.48 3.10 0.00	53.42 3.12 0.00	53.57 3.35 0.00	82.81 5.20 0.00	99.63 6.08 0.00	94.10 5.55 0.00	294.56 15.40 0.00	944.32 42.01 0.00	88.71 3.36 0.00	71.53 2.12 -14.59	76.54 2.18 -19.23	47.67 1.77 0.00	47.10 1.91 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	31.74 1.57 0.00	27.28 1.32 0.00	25.62 1.22 0.00	25.86 1.20 0.00	25.08 1.17 0.00	24.32 1.16 0.00	30.24 1.58 0.00	33.64 1.87 0.00	32.60 2.01 0.00	36.81 2.29 0.00	46.33 2.86 0.00	50.48 3.10 0.00	53.43 3.13 0.00	53.58 3.35 0.00	82.83 5.22 0.00	99.64 6.09 0.00	94.13 5.58 0.00	294.60 15.44 0.00	944.67 42.36 0.00	88.74 3.40 0.00	71.55 2.14 -14.59	76.55 2.19 -19.23	47.68 1.78 0.00	47.12 1.93 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	31.71 1.54 0.00	27.25 1.30 0.00	25.60 1.20 0.00	25.84 1.18 0.00	25.06 1.15 0.00	24.31 1.14 0.00	30.22 1.57 0.00	33.63 1.85 0.00	32.58 1.99 0.00	36.78 2.27 0.00	46.31 2.84 0.00	50.45 3.07 0.00	53.39 3.08 0.00	53.54 3.31 0.00	82.77 5.15 0.00	99.56 6.00 0.00	94.05 5.50 0.00	294.33 15.17 0.00	943.77 41.46 0.00	88.64 3.29 0.00	71.47 2.06 -14.59	76.49 2.13 -19.23	47.63 1.73 0.00	47.07 1.87 0.00
FARRAGUT___LBMP 323566	31.68 1.51 0.00	27.23 1.28 0.00	25.58 1.17 0.00	25.82 1.16 0.00	25.05 1.14 0.00	24.29 1.11 0.00	30.19 1.54 0.00	33.58 1.80 0.00	32.54 1.95 0.00	36.74 2.22 0.00	46.24 2.77 0.00	50.38 3.00 0.00	53.32 3.02 0.00	53.47 3.24 0.00	82.64 5.04 0.00	99.44 5.88 0.00	93.92 5.37 0.00	293.96 14.80 0.00	942.51 40.20 0.00	88.55 3.20 0.00	71.42 2.01 -14.59	76.43 2.08 -19.23	47.58 1.68 0.00	47.03 1.84 0.00
FENNER___WINDPWR 24204	31.09 0.91 0.00	26.68 0.73 0.00	25.01 0.61 0.00	25.25 0.59 0.00	24.48 0.57 0.00	23.80 0.63 0.00	29.54 0.89 0.00	32.82 1.04 0.00	31.63 1.04 0.00	35.75 1.23 0.00	45.30 1.58 -0.26	50.85 1.86 -1.62	52.95 1.85 -0.81	53.22 1.96 -1.04	84.48 2.72 -4.15	101.70 3.12 -5.02	95.51 2.96 -4.00	295.04 10.12 -5.76	943.29 34.18 -6.80	93.08 3.41 -4.32	59.65 2.32 -2.50	60.02 2.36 -2.52	49.64 1.95 -1.78	47.90 1.64 -1.07
FIBERTEK___ENERGY 23856	30.46 0.29 0.00	26.20 0.25 0.00	24.54 0.13 0.00	24.79 0.12 0.00	23.99 0.08 0.00	23.26 0.09 0.00	28.77 0.12 0.00	31.86 0.08 0.00	30.80 0.21 0.00	34.89 0.37 0.00	44.63 0.53 -0.63	52.10 0.75 -3.98	53.04 0.75 -1.98	53.74 0.96 -2.55	88.78 0.98 -10.19	106.78 0.90 -12.32	99.16 0.80 -9.81	296.51 3.22 -14.13	928.58 9.59 -16.68	96.97 1.02 -10.60	61.65 0.69 -6.14	61.95 0.64 -6.18	50.67 0.38 -4.38	47.96 0.15 -2.61
FITZPATRICK____ 23598	29.56 -0.61 0.00	25.47 -0.48 0.00	23.89 -0.52 0.00	24.10 -0.56 0.00	23.35 -0.56 0.00	22.65 -0.52 0.00	27.99 -0.67 0.00	30.98 -0.80 0.00	29.91 -0.68 0.00	33.87 -0.64 0.00	39.23 -0.75 3.48	24.57 -0.73 22.08	38.58 -0.74 10.99	35.50 -0.58 14.15	19.74 -1.33 56.54	23.34 -1.83 68.39	32.29 -1.80 54.46	195.41 -5.33 78.43	791.99 -17.75 92.57	24.97 -1.53 58.84	19.79 -0.94 34.09	19.87 -0.97 34.29	20.68 -0.91 24.31	29.65 -1.05 14.49
FLOWRFLD_69_KV_BK1 356044	46.61 2.26 -14.17	31.92 1.93 -4.04	26.15 1.74 0.00	26.44 1.78 0.00	25.59 1.67 0.00	24.82 1.65 0.00	30.81 2.16 0.00	34.16 2.39 0.00	33.12 2.53 0.00	38.40 3.03 -0.85	47.31 3.85 0.00	51.33 3.95 0.00	53.92 3.94 0.32	53.88 4.11 0.46	83.74 6.13 0.00	102.18 7.35 -1.27	103.02 6.91 -7.55	295.43 16.26 0.00	941.38 39.08 0.00	91.80 4.64 -1.82	72.34 2.93 -14.58	77.70 2.96 -19.61	52.29 2.70 -3.69	59.25 3.09 -10.97
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	31.82 1.65 0.00	27.35 1.40 0.00	25.69 1.28 0.00	25.94 1.28 0.00	25.14 1.23 0.00	24.37 1.20 0.00	30.31 1.66 0.00	33.66 1.88 0.00	32.55 1.96 0.00	36.72 2.20 0.00	46.31 2.85 0.00	50.48 3.11 0.00	53.48 3.18 0.00	53.68 3.46 0.00	83.04 5.42 0.00	100.20 6.64 0.00	94.85 6.30 0.00	297.67 18.51 0.00	956.10 53.79 0.00	89.96 4.62 0.00	73.01 2.89 -15.29	78.16 2.87 -20.16	48.15 2.24 0.00	47.40 2.21 0.00
FORT ORANGE____ 23900	30.96 0.78 0.00	26.64 0.69 0.00	25.09 0.69 0.00	25.43 0.76 0.00	24.64 0.73 0.00	23.75 0.58 0.00	29.43 0.77 0.00	32.43 0.66 0.00	31.00 0.41 0.00	34.84 0.33 0.00	44.03 0.56 0.00	47.97 0.60 0.00	50.83 0.52 0.00	50.79 0.57 0.00	78.40 0.79 0.00	94.57 1.01 0.00	89.58 1.03 0.00	282.26 3.09 0.00	913.95 11.64 0.00	86.39 1.05 0.00	141.17 0.95 -85.40	168.88 1.16 -112.60	46.74 0.84 0.00	46.04 0.85 0.00
FORT_DRUM_COGEN 23780	30.36 0.19 0.00	26.24 0.29 0.00	24.58 0.17 0.00	24.70 0.04 0.00	23.82 -0.09 0.00	23.92 0.75 0.00	29.93 1.27 0.00	33.62 1.84 0.00	31.98 1.39 0.00	35.87 1.36 0.00	45.43 1.46 -0.50	51.51 0.96 -3.18	49.25 0.87 1.92	53.53 1.27 -2.04	88.31 2.56 -8.14	105.69 2.29 -9.84	98.31 1.92 -7.84	298.84 8.39 -11.28	950.62 35.00 -13.31	98.37 4.56 -8.46	63.24 3.52 -4.90	64.00 3.94 -4.93	52.09 2.69 -3.50	49.35 2.07 -2.08
FOX_HILLS___ESR 323835	31.72 1.55 0.00	27.24 1.28 0.00	25.59 1.19 0.00	25.82 1.15 0.00	25.03 1.12 0.00	24.28 1.11 0.00	30.18 1.53 0.00	33.58 1.80 0.00	32.56 1.97 0.00	36.71 2.20 0.00	46.17 2.71 0.00	50.36 2.98 0.00	53.30 3.00 0.00	53.33 3.11 0.00	82.52 4.91 0.00	98.94 5.39 0.00	93.12 4.57 0.00	290.62 11.46 0.00	933.17 30.86 0.01	87.08 2.66 0.93	71.34 1.93 -14.58	76.23 1.91 -19.19	46.64 1.60 0.85	46.72 1.67 0.14
FPL FAR_ROCK_GT1 24212	46.65 2.30 -14.17	31.93 1.94 -4.04	26.14 1.74 0.00	26.41 1.75 0.00	25.57 1.66 0.00	24.80 1.63 0.00	30.85 2.19 0.00	34.23 2.45 0.00	33.17 2.58 0.00	38.38 3.01 -0.86	47.27 3.81 0.00	51.53 4.16 0.00	54.55 4.25 0.00	54.45 4.21 -0.02	83.58 5.96 0.00	100.83 7.22 -0.06	95.46 6.91 0.00	298.31 19.14 0.00	953.60 51.29 0.00	91.78 4.62 -1.82	72.37 2.96 -14.58	78.08 3.34 -19.61	52.70 3.11 -3.69	59.36 3.19 -10.97

FPL FAR_ROCK_GT2 23815	46.65 2.30 -14.17	31.93 1.94 -4.04	26.14 1.74 0.00	26.41 1.75 0.00	25.57 1.66 0.00	24.80 1.63 0.00	30.85 2.19 0.00	34.23 2.45 0.00	33.17 2.58 0.00	38.38 3.01 -0.86	47.27 3.81 0.00	51.53 4.16 0.00	54.55 4.25 0.00	54.45 4.21 -0.02	83.58 5.96 0.00	100.83 7.22 -0.06	95.46 6.91 0.00	298.31 19.14 0.00	953.60 51.29 0.00	91.78 4.62 -1.82	72.37 2.96 -14.58	78.08 3.34 -19.61	52.70 3.11 -3.69	59.36 3.19 -10.97
FRANKLIN_FALL_HYD 24054	29.96 -0.21 0.00	25.54 -0.41 0.00	24.10 -0.31 0.00	24.33 -0.33 0.00	23.65 -0.26 0.00	22.98 -0.19 0.00	28.40 -0.25 0.00	31.77 -0.01 0.00	30.51 -0.08 0.00	34.18 -0.34 0.00	42.69 -0.78 0.00	46.11 -1.27 0.00	32.08 -1.60 16.63	48.50 -1.73 0.00	75.79 -1.83 0.00	92.00 -1.56 0.00	87.39 -1.16 0.00	275.38 -3.78 0.00	893.78 -8.52 0.00	85.01 -0.34 0.00	54.54 -0.29 0.00	55.09 -0.04 0.00	45.73 -0.17 0.00	45.20 0.01 0.00
FREEPORT_EQUS_GT1 23764	46.48 2.13 -14.17	31.78 1.78 -4.04	26.01 1.60 0.00	26.28 1.62 0.00	25.45 1.53 0.00	24.68 1.51 0.00	30.67 2.01 0.00	34.02 2.24 0.00	32.96 2.37 0.00	38.12 2.75 -0.86	46.75 3.29 0.00	50.90 3.52 0.00	53.81 3.51 0.00	53.74 3.50 -0.02	82.95 5.34 0.00	100.00 6.44 0.00	94.74 6.19 0.00	295.81 16.65 0.00	945.28 42.97 0.00	91.13 3.97 -1.82	71.95 2.55 -14.58	77.55 2.81 -19.61	52.25 2.66 -3.69	58.96 2.80 -10.97
FREEPORT___CT2 23818	46.48 2.13 -14.17	31.78 1.78 -4.04	26.01 1.60 0.00	26.28 1.62 0.00	25.45 1.53 0.00	24.68 1.51 0.00	30.67 2.01 0.00	34.02 2.24 0.00	32.96 2.37 0.00	38.12 2.75 -0.86	46.75 3.29 0.00	50.90 3.52 0.00	53.81 3.51 0.00	53.74 3.50 -0.02	82.95 5.34 0.00	100.00 6.44 0.00	94.74 6.19 0.00	295.81 16.65 0.00	945.28 42.97 0.00	91.13 3.97 -1.82	71.95 2.55 -14.58	77.55 2.81 -19.61	52.25 2.66 -3.69	58.96 2.80 -10.97
FRESHKLS_33_KV_LOAD 356253	31.66 1.49 0.00	27.19 1.24 0.00	25.56 1.15 0.00	25.77 1.11 0.00	24.99 1.07 0.00	24.24 1.08 0.00	30.12 1.47 0.00	33.48 1.70 0.00	32.47 1.88 0.00	36.59 2.07 0.00	45.97 2.51 0.01	50.16 2.78 0.00	51.23 2.81 1.88	53.18 2.96 0.00	82.36 4.75 0.00	98.85 5.29 0.00	92.99 4.44 0.00	290.22 11.06 0.00	933.05 30.75 0.01	87.14 2.72 0.93	71.40 1.99 -14.58	76.18 1.87 -19.19	46.58 1.53 0.85	46.60 1.54 0.14
FULTON COGEN____ 23766	30.02 -0.15 0.00	25.85 -0.10 0.00	24.23 -0.17 0.00	24.45 -0.21 0.00	23.67 -0.24 0.00	22.98 -0.19 0.00	28.43 -0.22 0.00	31.47 -0.31 0.00	30.39 -0.19 0.00	34.43 -0.08 0.00	44.58 -0.02 -1.14	54.70 0.13 -7.19	54.05 0.16 -3.58	55.15 0.32 -4.61	96.15 0.11 -18.43	115.67 -0.18 -22.29	106.00 -0.30 -17.75	304.36 -0.37 -25.56	931.30 -1.18 -30.17	104.62 0.09 -19.18	66.06 0.12 -11.11	66.44 0.13 -11.18	53.80 -0.02 -7.92	49.62 -0.30 -4.72
FULTON___LFGE 323630	33.32 3.15 0.00	28.61 2.65 0.00	26.80 2.40 0.00	27.07 2.41 0.00	26.33 2.41 0.00	25.52 2.35 0.00	31.36 2.71 0.00	33.61 1.83 0.00	32.07 1.48 0.00	36.23 1.72 0.00	44.71 1.25 0.00	49.40 2.02 0.00	51.84 1.54 0.00	52.32 2.09 0.00	82.27 4.66 0.00	99.52 5.96 0.00	94.48 5.92 0.00	302.89 23.72 0.00	1017.98 115.67 0.00	98.21 12.87 0.00	212.37 8.52 -149.02	259.76 8.15 -196.47	52.26 6.37 0.00	50.71 5.51 0.00
G.F.CEMENT___DRP 24184	32.31 2.14 0.00	27.62 1.67 0.00	25.95 1.54 0.00	26.27 1.61 0.00	25.46 1.55 0.00	24.67 1.50 0.00	30.72 2.06 0.00	33.85 2.07 0.00	32.38 1.80 0.00	36.48 1.96 0.00	46.16 2.70 0.00	50.47 3.10 0.00	53.67 3.37 0.00	53.79 3.57 0.00	83.12 5.50 0.00	100.23 6.67 0.00	94.76 6.21 0.00	299.90 20.74 0.00	978.94 76.63 0.00	92.17 6.83 0.00	224.62 5.03 -164.76	277.43 5.07 -217.23	49.92 4.02 0.00	49.08 3.88 0.00
GARDENVILLE___LBMP 24039	31.43 1.26 0.00	26.91 0.95 0.00	24.78 0.37 0.00	24.81 0.14 0.00	23.78 -0.13 0.00	23.17 0.00 0.00	28.88 0.23 0.00	32.02 0.24 0.00	31.51 0.92 0.00	36.46 1.94 0.00	46.06 2.60 0.00	50.80 3.42 0.00	54.63 4.33 0.00	55.29 5.07 0.00	82.21 4.60 0.00	97.13 3.57 0.00	91.61 3.06 0.00	289.75 10.58 0.00	930.42 28.11 0.00	88.18 2.83 0.00	56.71 1.89 0.00	56.97 1.84 0.00	47.01 1.11 0.00	45.88 0.68 0.00
GARDNVLA_35_KV_LD 355827	31.65 1.48 0.00	27.08 1.13 0.00	24.93 0.52 0.00	24.94 0.28 0.00	23.91 0.00 0.00	23.29 0.12 0.00	29.02 0.37 0.00	32.18 0.40 0.00	31.69 1.10 0.00	36.67 2.15 0.00	46.32 2.86 0.00	51.15 3.77 0.00	55.08 4.78 0.00	55.79 5.56 0.00	82.97 5.35 0.00	98.07 4.51 0.00	92.58 4.03 0.00	292.78 13.61 0.00	940.18 37.87 0.00	89.05 3.70 0.00	57.23 2.41 0.00	57.49 2.36 0.00	47.40 1.50 0.00	46.21 1.02 0.00
GELCKHM___115KV_LOAD 80723	30.24 0.07 0.00	26.02 0.07 0.00	24.37 -0.03 0.00	24.60 -0.06 0.00	23.81 -0.10 0.00	23.10 -0.07 0.00	28.58 -0.07 0.00	31.65 -0.13 0.00	30.60 0.01 0.00	34.69 0.17 0.00	44.18 0.31 -0.41	50.46 0.50 -2.58	52.12 0.53 -1.29	52.62 0.74 -1.66	84.85 0.62 -6.62	102.01 0.44 -8.01	95.30 0.37 -6.37	290.04 1.70 -9.18	917.99 4.85 -10.84	92.79 0.56 -6.89	59.21 0.40 -3.99	59.50 0.35 -4.01	48.88 0.13 -2.85	46.81 -0.08 -1.70
GENERAL___MILLS 23808	31.56 1.38 0.00	27.00 1.05 0.00	24.87 0.46 0.00	24.88 0.22 0.00	23.86 -0.05 0.00	23.24 0.07 0.00	28.96 0.30 0.00	32.10 0.33 0.00	31.61 1.02 0.00	36.56 2.05 0.00	46.19 2.73 0.00	50.98 3.60 0.00	54.84 4.54 0.00	55.54 5.32 0.00	82.58 4.97 0.00	97.59 4.03 0.00	92.08 3.53 0.00	291.24 12.07 0.00	935.19 32.88 0.00	88.61 3.27 0.00	56.98 2.16 0.00	57.25 2.12 0.00	47.22 1.32 0.00	46.05 0.86 0.00
GE_PLASTICS___DRP 24183	30.77 0.60 0.00	26.51 0.55 0.00	24.96 0.55 0.00	25.29 0.62 0.00	24.51 0.60 0.00	23.64 0.48 0.00	29.30 0.64 0.00	32.38 0.60 0.00	31.08 0.49 0.00	34.99 0.47 0.00	44.20 0.73 0.00	48.15 0.78 0.00	50.93 0.63 0.00	50.75 0.52 0.00	78.11 0.50 0.00	94.02 0.46 0.00	89.04 0.48 0.00	280.49 1.32 0.00	907.66 5.35 0.00	85.70 0.35 0.00	125.40 0.41 -70.16	148.23 0.59 -92.50	46.35 0.45 0.00	45.69 0.50 0.00
GILBOA___1 23756	30.81 0.63 0.00	26.61 0.66 0.00	25.11 0.70 0.00	25.47 0.81 0.00	24.67 0.76 0.00	23.69 0.52 0.00	29.31 0.65 0.00	32.45 0.67 0.00	31.29 0.70 0.00	35.29 0.77 0.00	44.50 1.03 0.00	48.55 1.17 0.00	51.45 1.15 0.00	51.41 1.18 0.00	79.07 1.45 0.00	95.00 1.44 0.00	89.80 1.24 0.00	282.31 3.14 0.00	911.29 8.98 0.00	86.15 0.80 0.00	64.71 0.70 -9.19	68.25 1.00 -12.11	46.74 0.84 0.00	46.06 0.87 0.00
GILBOA___2 23757	30.81 0.63 0.00	26.61 0.66 0.00	25.11 0.70 0.00	25.47 0.81 0.00	24.67 0.76 0.00	23.69 0.52 0.00	29.31 0.65 0.00	32.45 0.67 0.00	31.29 0.70 0.00	35.29 0.77 0.00	44.50 1.03 0.00	48.55 1.17 0.00	51.45 1.15 0.00	51.41 1.18 0.00	79.07 1.45 0.00	95.00 1.44 0.00	89.80 1.24 0.00	282.31 3.14 0.00	911.29 8.98 0.00	86.15 0.80 0.00	64.71 0.70 -9.19	68.25 1.00 -12.11	46.74 0.84 0.00	46.06 0.87 0.00

GILBOA___3 23758	30.81 0.63 0.00	26.61 0.66 0.00	25.11 0.70 0.00	25.47 0.81 0.00	24.67 0.76 0.00	23.69 0.52 0.00	29.31 0.65 0.00	32.45 0.67 0.00	31.29 0.70 0.00	35.29 0.77 0.00	44.50 1.03 0.00	48.55 1.17 0.00	51.45 1.15 0.00	51.41 1.18 0.00	79.07 1.45 0.00	95.00 1.44 0.00	89.80 1.24 0.00	282.31 3.14 0.00	911.29 8.98 0.00	86.15 0.80 0.00	64.71 0.70 -9.19	68.25 1.00 -12.11	46.74 0.84 0.00	46.06 0.87 0.00
GILBOA___4 23759	30.81 0.63 0.00	26.61 0.66 0.00	25.11 0.70 0.00	25.47 0.81 0.00	24.67 0.76 0.00	23.69 0.52 0.00	29.31 0.65 0.00	32.45 0.67 0.00	31.29 0.70 0.00	35.29 0.77 0.00	44.50 1.03 0.00	48.55 1.17 0.00	51.45 1.15 0.00	51.41 1.18 0.00	79.07 1.45 0.00	95.00 1.44 0.00	89.80 1.24 0.00	282.31 3.14 0.00	911.29 8.98 0.00	86.15 0.80 0.00	64.71 0.70 -9.19	68.25 1.00 -12.11	46.74 0.84 0.00	46.06 0.87 0.00
GILBOA___ 23599	30.80 0.63 0.00	26.61 0.66 0.00	25.11 0.70 0.00	25.47 0.81 0.00	24.67 0.76 0.00	23.69 0.52 0.00	29.31 0.65 0.00	32.45 0.67 0.00	31.29 0.70 0.00	35.29 0.77 0.00	44.50 1.04 0.00	48.55 1.17 0.00	51.45 1.15 0.00	51.41 1.19 0.00	79.07 1.45 0.00	94.99 1.43 0.00	89.80 1.25 0.00	282.30 3.14 0.00	911.29 8.98 0.00	86.15 0.80 0.00	64.70 0.69 -9.19	68.24 1.00 -12.11	46.74 0.84 0.00	46.06 0.87 0.00
GINNA___ 23603	29.87 -0.31 0.00	25.62 -0.33 0.00	23.79 -0.61 0.00	23.88 -0.78 0.00	23.01 -0.90 0.00	22.37 -0.80 0.00	27.78 -0.87 0.00	30.85 -0.92 0.00	30.13 -0.46 0.00	34.58 0.06 0.00	43.68 0.22 0.00	47.73 0.35 0.00	51.08 0.77 0.00	51.56 1.34 0.00	77.97 0.36 0.00	93.21 -0.35 0.00	88.22 -0.33 0.00	279.04 -0.12 0.00	901.83 -0.48 0.00	85.41 0.07 0.00	54.79 -0.03 0.00	54.89 -0.25 0.00	45.39 -0.51 0.00	44.30 -0.90 0.00
GLEN PARK___ 23778	30.60 0.42 0.00	26.44 0.49 0.00	24.77 0.36 0.00	24.88 0.21 0.00	24.00 0.09 0.00	24.09 0.92 0.00	30.14 1.49 0.00	33.85 2.08 0.00	32.17 1.58 0.00	36.06 1.54 0.00	45.70 1.71 -0.53	52.04 1.33 -3.34	49.94 1.29 1.65	53.99 1.62 -2.14	89.38 3.21 -8.56	106.75 2.85 -10.35	99.18 2.38 -8.24	301.16 10.12 -11.87	958.40 42.09 -14.00	99.62 5.37 -8.90	64.09 4.10 -5.16	64.85 4.54 -5.19	52.72 3.14 -3.68	49.84 2.46 -2.19
GLENDALE_27_KV_LOAD 356172	31.88 1.71 0.00	27.37 1.42 0.00	25.71 1.31 0.00	25.94 1.28 0.00	25.16 1.24 0.00	24.41 1.24 0.00	30.37 1.71 0.00	33.83 2.06 0.00	32.79 2.20 0.00	36.99 2.47 0.00	46.54 3.08 0.00	50.72 3.35 0.00	53.68 3.38 0.00	53.83 3.61 0.00	83.23 5.62 0.00	100.00 6.45 0.00	94.35 5.80 0.00	294.70 15.53 0.00	944.92 42.61 0.01	87.91 3.50 0.93	71.66 2.25 -14.58	76.65 2.32 -19.19	47.85 1.95 0.00	47.31 2.11 0.00
GLENWOOD_IC_1_G5 23712	46.43 2.08 -14.17	31.74 1.75 -4.04	25.98 1.58 0.00	26.25 1.59 0.00	25.42 1.51 0.00	24.65 1.49 0.00	30.64 1.99 0.00	34.02 2.24 0.00	32.99 2.40 0.00	38.17 2.80 -0.85	47.02 3.56 0.00	51.23 3.86 0.00	54.08 3.78 0.00	53.96 3.72 -0.02	83.30 5.69 0.00	100.52 6.97 0.00	95.19 6.63 0.00	296.95 17.79 0.00	948.78 46.47 0.00	91.32 4.16 -1.82	71.98 2.58 -14.58	77.44 2.70 -19.61	52.24 2.66 -3.69	58.66 2.50 -10.97
GLENWOOD_IC_2_G1 23688	46.34 1.99 -14.17	31.67 1.67 -4.04	25.92 1.51 0.00	26.19 1.53 0.00	25.36 1.45 0.00	24.59 1.42 0.00	30.56 1.90 0.00	33.91 2.14 0.00	32.87 2.28 0.00	38.03 2.65 -0.86	46.81 3.35 0.00	51.00 3.62 0.00	53.93 3.63 0.00	53.98 3.74 -0.02	83.32 5.71 0.00	100.46 6.90 0.00	95.14 6.59 0.00	296.95 17.78 0.00	949.17 46.87 0.00	91.41 4.24 -1.82	72.07 2.67 -14.58	77.50 2.76 -19.61	52.09 2.51 -3.69	58.73 2.56 -10.97
GLENWOOD_IC_3_G1 23689	46.34 1.99 -14.17	31.67 1.67 -4.04	25.92 1.51 0.00	26.19 1.53 0.00	25.36 1.45 0.00	24.59 1.42 0.00	30.56 1.90 0.00	33.91 2.14 0.00	32.87 2.28 0.00	38.03 2.65 -0.86	46.81 3.35 0.00	51.00 3.62 0.00	53.93 3.63 0.00	53.98 3.74 -0.02	83.32 5.71 0.00	100.46 6.90 0.00	95.14 6.59 0.00	296.95 17.78 0.00	949.17 46.87 0.00	91.41 4.24 -1.82	72.07 2.67 -14.58	77.50 2.76 -19.61	52.09 2.51 -3.69	58.73 2.56 -10.97
GLENWOOD___4 23550	46.43 2.08 -14.17	31.74 1.75 -4.04	25.98 1.58 0.00	26.25 1.59 0.00	25.42 1.51 0.00	24.65 1.49 0.00	30.64 1.99 0.00	34.02 2.24 0.00	32.99 2.40 0.00	38.17 2.80 -0.85	47.02 3.56 0.00	51.23 3.86 0.00	54.13 3.82 0.00	54.10 3.86 -0.02	83.51 5.90 0.00	100.77 7.21 0.00	95.42 6.87 0.00	297.72 18.55 0.00	951.08 48.78 0.00	91.51 4.35 -1.82	72.13 2.73 -14.58	77.56 2.82 -19.61	52.25 2.67 -3.69	58.76 2.60 -10.97
GLENWOOD___5 23614	46.43 2.08 -14.17	31.74 1.75 -4.04	25.98 1.58 0.00	26.25 1.59 0.00	25.42 1.51 0.00	24.65 1.49 0.00	30.64 1.99 0.00	34.02 2.24 0.00	32.99 2.40 0.00	38.17 2.80 -0.85	47.02 3.56 0.00	51.23 3.86 0.00	54.13 3.82 0.00	54.10 3.86 -0.02	83.51 5.90 0.00	100.77 7.21 0.00	95.42 6.87 0.00	297.72 18.55 0.00	951.08 48.78 0.00	91.51 4.35 -1.82	72.13 2.73 -14.58	77.56 2.82 -19.61	52.25 2.67 -3.69	58.76 2.60 -10.97
GLOBAL GREEN_PORT_GT1 23814	47.69 3.35 -14.17	32.82 2.82 -4.04	26.95 2.54 0.00	27.26 2.60 0.00	26.39 2.48 0.00	25.63 2.46 0.00	31.92 3.27 0.00	35.48 3.70 0.00	34.47 3.89 0.00	39.97 4.60 -0.86	48.68 5.22 0.00	52.41 5.04 0.00	56.62 6.52 0.20	56.59 6.64 0.27	87.68 10.07 0.00	106.47 12.18 -0.73	104.73 11.72 -4.46	302.21 23.04 0.00	962.64 60.33 0.00	96.07 8.90 -1.82	74.78 5.38 -14.58	80.14 5.40 -19.61	54.18 4.59 -3.69	60.91 4.75 -10.97
GLOBE___DSASP 323697	30.67 0.50 0.00	26.30 0.35 0.00	24.27 -0.13 0.00	24.30 -0.36 0.00	23.25 -0.66 0.00	22.62 -0.55 0.00	28.14 -0.52 0.00	30.96 -0.81 0.00	30.39 -0.19 0.00	35.15 0.63 0.00	44.40 0.94 0.00	48.77 1.39 0.00	52.65 2.35 0.00	53.03 2.81 0.00	78.22 0.61 0.00	91.93 -1.62 0.00	86.89 -1.66 0.00	273.77 -5.40 0.00	882.48 -19.83 0.00	84.11 -1.24 0.00	54.12 -0.71 0.00	54.40 -0.73 0.00	45.04 -0.86 0.00	44.25 -0.95 0.00
GOETHSLN___LBMP 323567	31.53 1.35 0.00	27.09 1.13 0.00	25.45 1.04 0.00	25.69 1.02 0.00	24.91 1.00 0.00	24.15 0.98 0.00	30.03 1.37 0.00	33.40 1.63 0.00	32.34 1.76 0.00	36.53 2.01 0.00	45.97 2.51 0.00	50.06 2.69 0.00	51.06 2.64 1.88	53.11 2.88 0.00	82.14 4.52 0.00	95.04 5.26 3.77	81.07 4.77 12.26	183.12 12.91 108.95	847.78 34.46 88.99	85.88 2.67 2.13	70.20 1.67 -13.71	75.83 1.74 -18.97	46.45 1.40 0.85	46.59 1.54 0.14
GOLAH___69_KV_TB 1_2 80279	31.64 1.47 0.00	27.15 1.20 0.00	25.09 0.69 0.00	25.11 0.44 0.00	24.14 0.23 0.00	23.48 0.31 0.00	29.19 0.53 0.00	32.40 0.62 0.00	31.70 1.11 0.00	36.55 2.03 0.00	46.17 2.71 0.00	50.26 2.88 0.00	53.74 3.44 0.00	54.39 4.17 0.00	81.92 4.31 0.00	97.52 3.97 0.00	92.14 3.59 0.00	292.32 13.16 0.00	945.85 43.54 0.00	89.87 4.53 0.00	57.79 2.97 0.00	57.98 2.85 0.00	47.96 2.06 0.00	46.74 1.55 0.00

GOODYEAR_LAKE_HYD 323669	31.49 1.32 0.00	27.09 1.14 0.00	25.43 1.03 0.00	25.65 0.99 0.00	24.86 0.95 0.00	24.09 0.92 0.00	29.91 1.26 0.00	33.24 1.46 0.00	32.16 1.57 0.00	36.42 1.90 0.00	45.97 2.51 0.00	50.34 2.96 0.00	53.43 3.13 0.00	53.52 3.30 0.00	82.22 4.61 0.00	98.70 5.15 0.00	93.44 4.89 0.00	294.65 15.49 0.00	950.22 47.92 0.00	89.85 4.51 0.00	100.06 2.87 -42.37	113.86 2.86 -55.87	48.11 2.21 0.00	47.17 1.98 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	30.75 0.58 0.00	26.41 0.46 0.00	24.73 0.33 0.00	24.96 0.29 0.00	24.17 0.26 0.00	23.47 0.30 0.00	29.16 0.50 0.00	32.34 0.56 0.00	31.36 0.77 0.00	35.64 1.13 0.00	45.19 1.50 -0.23	50.90 2.06 -1.47	53.09 2.05 -0.73	53.37 2.20 -0.94	83.99 2.61 -3.77	100.68 2.57 -4.56	94.19 2.01 -3.63	292.26 7.86 -5.23	929.00 20.51 -6.17	91.14 1.87 -3.92	64.31 1.40 -8.08	66.53 1.45 -9.94	48.56 1.04 -1.62	46.97 0.81 -0.97
GOUDEY___7 23579	30.79 0.62 0.00	26.44 0.48 0.00	24.76 0.35 0.00	24.98 0.31 0.00	24.19 0.28 0.00	23.50 0.33 0.00	29.19 0.53 0.00	32.37 0.60 0.00	31.39 0.81 0.00	35.70 1.18 0.00	45.26 1.56 -0.23	50.98 2.14 -1.47	53.18 2.14 -0.73	53.44 2.28 -0.94	84.15 2.77 -3.77	100.82 2.70 -4.56	94.33 2.14 -3.63	292.68 8.29 -5.23	930.80 22.32 -6.17	91.29 2.02 -3.92	64.41 1.50 -8.08	66.61 1.53 -9.94	48.62 1.10 -1.62	47.04 0.88 -0.97
GOUDEY___8 23580	30.75 0.58 0.00	26.41 0.46 0.00	24.73 0.33 0.00	24.96 0.29 0.00	24.17 0.26 0.00	23.47 0.30 0.00	29.16 0.50 0.00	32.34 0.56 0.00	31.36 0.77 0.00	35.64 1.13 0.00	45.19 1.50 -0.23	50.90 2.06 -1.47	53.09 2.05 -0.73	53.37 2.20 -0.94	83.99 2.61 -3.77	100.68 2.57 -4.56	94.19 2.01 -3.63	292.26 7.86 -5.23	929.00 20.51 -6.17	91.14 1.87 -3.92	64.31 1.40 -8.08	66.53 1.45 -9.94	48.56 1.04 -1.62	46.97 0.81 -0.97
GOWANUS_GT1_1 24077	31.82 1.64 0.00	27.32 1.36 0.00	25.67 1.26 0.00	25.89 1.23 0.00	25.10 1.19 0.00	24.35 1.19 0.00	30.29 1.63 0.00	33.72 1.95 0.00	32.68 2.09 0.00	36.87 2.35 0.00	46.40 2.93 0.00	50.61 3.23 0.00	53.55 3.25 0.00	53.60 3.37 0.00	82.88 5.27 0.00	99.30 5.75 0.00	93.46 4.91 0.00	291.50 12.34 0.00	935.55 33.25 0.01	87.23 2.81 0.93	71.41 2.01 -14.58	76.42 2.10 -19.19	47.68 1.78 0.00	47.08 1.89 0.00
GOWANUS_GT1_2 24078	31.82 1.64 0.00	27.32 1.36 0.00	25.67 1.26 0.00	25.89 1.23 0.00	25.10 1.19 0.00	24.35 1.19 0.00	30.29 1.63 0.00	33.72 1.95 0.00	32.68 2.09 0.00	36.87 2.35 0.00	46.40 2.93 0.00	50.61 3.23 0.00	53.55 3.25 0.00	53.60 3.37 0.00	82.88 5.27 0.00	99.30 5.75 0.00	93.46 4.91 0.00	291.50 12.34 0.00	935.55 33.25 0.01	87.23 2.81 0.93	71.41 2.01 -14.58	76.42 2.10 -19.19	47.68 1.78 0.00	47.08 1.89 0.00
GOWANUS_GT1_3 24079	31.82 1.64 0.00	27.32 1.36 0.00	25.67 1.26 0.00	25.89 1.23 0.00	25.10 1.19 0.00	24.35 1.19 0.00	30.29 1.63 0.00	33.72 1.95 0.00	32.68 2.09 0.00	36.87 2.35 0.00	46.40 2.93 0.00	50.61 3.23 0.00	53.55 3.25 0.00	53.60 3.37 0.00	82.88 5.27 0.00	99.30 5.75 0.00	93.46 4.91 0.00	291.50 12.34 0.00	935.55 33.25 0.01	87.23 2.81 0.93	71.41 2.01 -14.58	76.42 2.10 -19.19	47.68 1.78 0.00	47.08 1.89 0.00
GOWANUS_GT1_4 24080	31.82 1.64 0.00	27.32 1.36 0.00	25.67 1.26 0.00	25.89 1.23 0.00	25.10 1.19 0.00	24.35 1.19 0.00	30.29 1.63 0.00	33.72 1.95 0.00	32.68 2.09 0.00	36.87 2.35 0.00	46.40 2.93 0.00	50.61 3.23 0.00	53.55 3.25 0.00	53.60 3.37 0.00	82.88 5.27 0.00	99.30 5.75 0.00	93.46 4.91 0.00	291.50 12.34 0.00	935.55 33.25 0.01	87.23 2.81 0.93	71.41 2.01 -14.58	76.42 2.10 -19.19	47.68 1.78 0.00	47.08 1.89 0.00
GOWANUS_GT1_5 24084	31.82 1.64 0.00	27.32 1.36 0.00	25.67 1.26 0.00	25.89 1.23 0.00	25.10 1.19 0.00	24.35 1.19 0.00	30.29 1.63 0.00	33.72 1.95 0.00	32.68 2.09 0.00	36.87 2.35 0.00	46.40 2.93 0.00	50.61 3.23 0.00	53.55 3.25 0.00	53.60 3.37 0.00	82.88 5.27 0.00	99.30 5.75 0.00	93.46 4.91 0.00	291.50 12.34 0.00	935.55 33.25 0.01	87.23 2.81 0.93	71.41 2.01 -14.58	76.42 2.10 -19.19	47.68 1.78 0.00	47.08 1.89 0.00
GOWANUS_GT1_6 24111	31.82 1.64 0.00	27.32 1.36 0.00	25.67 1.26 0.00	25.89 1.23 0.00	25.10 1.19 0.00	24.35 1.19 0.00	30.29 1.63 0.00	33.72 1.95 0.00	32.68 2.09 0.00	36.87 2.35 0.00	46.40 2.93 0.00	50.61 3.23 0.00	53.55 3.25 0.00	53.60 3.37 0.00	82.88 5.27 0.00	99.30 5.75 0.00	93.46 4.91 0.00	291.50 12.34 0.00	935.55 33.25 0.01	87.23 2.81 0.93	71.41 2.01 -14.58	76.42 2.10 -19.19	47.68 1.78 0.00	47.08 1.89 0.00
GOWANUS_GT1_7 24112	31.82 1.64 0.00	27.32 1.36 0.00	25.67 1.26 0.00	25.89 1.23 0.00	25.10 1.19 0.00	24.35 1.19 0.00	30.29 1.63 0.00	33.72 1.95 0.00	32.68 2.09 0.00	36.87 2.35 0.00	46.40 2.93 0.00	50.61 3.23 0.00	53.55 3.25 0.00	53.60 3.37 0.00	82.88 5.27 0.00	99.30 5.75 0.00	93.46 4.91 0.00	291.50 12.34 0.00	935.55 33.25 0.01	87.23 2.81 0.93	71.41 2.01 -14.58	76.42 2.10 -19.19	47.68 1.78 0.00	47.08 1.89 0.00
GOWANUS_GT1_8 24113	31.82 1.64 0.00	27.32 1.36 0.00	25.67 1.26 0.00	25.89 1.23 0.00	25.10 1.19 0.00	24.35 1.19 0.00	30.29 1.63 0.00	33.72 1.95 0.00	32.68 2.09 0.00	36.87 2.35 0.00	46.40 2.93 0.00	50.61 3.23 0.00	53.55 3.25 0.00	53.60 3.37 0.00	82.88 5.27 0.00	99.30 5.75 0.00	93.46 4.91 0.00	291.50 12.34 0.00	935.55 33.25 0.01	87.23 2.81 0.93	71.41 2.01 -14.58	76.42 2.10 -19.19	47.68 1.78 0.00	47.08 1.89 0.00
GOWANUS_GT2_1 24114	31.81 1.64 0.00	27.32 1.36 0.00	25.67 1.26 0.00	25.89 1.23 0.00	25.10 1.19 0.00	24.35 1.18 0.00	30.28 1.63 0.00	33.72 1.95 0.00	32.68 2.09 0.00	36.87 2.35 0.00	46.39 2.93 0.00	50.61 3.23 0.00	53.56 3.25 0.00	53.60 3.37 0.00	82.87 5.26 0.00	99.31 5.76 0.00	93.44 4.89 0.00	291.49 12.33 0.00	935.18 32.88 0.01	87.22 2.80 0.93	71.42 2.01 -14.58	76.43 2.11 -19.19	47.68 1.77 0.00	47.07 1.88 0.00
GOWANUS_GT2_2 24115	31.81 1.64 0.00	27.32 1.36 0.00	25.67 1.26 0.00	25.89 1.23 0.00	25.10 1.19 0.00	24.35 1.18 0.00	30.28 1.63 0.00	33.72 1.95 0.00	32.68 2.09 0.00	36.87 2.35 0.00	46.39 2.93 0.00	50.61 3.23 0.00	53.56 3.25 0.00	53.60 3.37 0.00	82.87 5.26 0.00	99.31 5.76 0.00	93.44 4.89 0.00	291.49 12.33 0.00	935.18 32.88 0.01	87.22 2.80 0.93	71.42 2.01 -14.58	76.43 2.11 -19.19	47.68 1.77 0.00	47.07 1.88 0.00
GOWANUS_GT2_3 24116	31.81 1.64 0.00	27.32 1.36 0.00	25.67 1.26 0.00	25.89 1.23 0.00	25.10 1.19 0.00	24.35 1.18 0.00	30.28 1.63 0.00	33.72 1.95 0.00	32.68 2.09 0.00	36.87 2.35 0.00	46.39 2.93 0.00	50.61 3.23 0.00	53.56 3.25 0.00	53.60 3.37 0.00	82.87 5.26 0.00	99.31 5.76 0.00	93.44 4.89 0.00	291.49 12.33 0.00	935.18 32.88 0.01	87.22 2.80 0.93	71.42 2.01 -14.58	76.43 2.11 -19.19	47.68 1.77 0.00	47.07 1.88 0.00

GOWANUS_GT2_4 24117	31.81 1.64 0.00	27.32 1.36 0.00	25.67 1.26 0.00	25.89 1.23 0.00	25.10 1.19 0.00	24.35 1.18 0.00	30.28 1.63 0.00	33.72 1.95 0.00	32.68 2.09 0.00	36.87 2.35 0.00	46.39 2.93 0.00	50.61 3.23 0.00	53.56 3.25 0.00	53.60 3.37 0.00	82.87 5.26 0.00	99.31 5.76 0.00	93.44 4.89 0.00	291.49 12.33 0.00	935.18 32.88 0.01	87.22 2.80 0.93	71.42 2.01 -14.58	76.43 2.11 -19.19	47.68 1.77 0.00	47.07 1.88 0.00
GOWANUS_GT2_5 24118	31.81 1.64 0.00	27.32 1.36 0.00	25.67 1.26 0.00	25.89 1.23 0.00	25.10 1.19 0.00	24.35 1.18 0.00	30.28 1.63 0.00	33.72 1.95 0.00	32.68 2.09 0.00	36.87 2.35 0.00	46.39 2.93 0.00	50.61 3.23 0.00	53.56 3.25 0.00	53.60 3.37 0.00	82.87 5.26 0.00	99.31 5.76 0.00	93.44 4.89 0.00	291.49 12.33 0.00	935.18 32.88 0.01	87.22 2.80 0.93	71.42 2.01 -14.58	76.43 2.11 -19.19	47.68 1.77 0.00	47.07 1.88 0.00
GOWANUS_GT2_6 24119	31.81 1.64 0.00	27.32 1.36 0.00	25.67 1.26 0.00	25.89 1.23 0.00	25.10 1.19 0.00	24.35 1.18 0.00	30.28 1.63 0.00	33.72 1.95 0.00	32.68 2.09 0.00	36.87 2.35 0.00	46.39 2.93 0.00	50.61 3.23 0.00	53.56 3.25 0.00	53.60 3.37 0.00	82.87 5.26 0.00	99.31 5.76 0.00	93.44 4.89 0.00	291.49 12.33 0.00	935.18 32.88 0.01	87.22 2.80 0.93	71.42 2.01 -14.58	76.43 2.11 -19.19	47.68 1.77 0.00	47.07 1.88 0.00
GOWANUS_GT2_7 24120	31.81 1.64 0.00	27.32 1.36 0.00	25.67 1.26 0.00	25.89 1.23 0.00	25.10 1.19 0.00	24.35 1.18 0.00	30.28 1.63 0.00	33.72 1.95 0.00	32.68 2.09 0.00	36.87 2.35 0.00	46.39 2.93 0.00	50.61 3.23 0.00	53.56 3.25 0.00	53.60 3.37 0.00	82.87 5.26 0.00	99.31 5.76 0.00	93.44 4.89 0.00	291.49 12.33 0.00	935.18 32.88 0.01	87.22 2.80 0.93	71.42 2.01 -14.58	76.43 2.11 -19.19	47.68 1.77 0.00	47.07 1.88 0.00
GOWANUS_GT2_8 24121	31.81 1.64 0.00	27.32 1.36 0.00	25.67 1.26 0.00	25.89 1.23 0.00	25.10 1.19 0.00	24.35 1.18 0.00	30.28 1.63 0.00	33.72 1.95 0.00	32.68 2.09 0.00	36.87 2.35 0.00	46.39 2.93 0.00	50.61 3.23 0.00	53.56 3.25 0.00	53.60 3.37 0.00	82.87 5.26 0.00	99.31 5.76 0.00	93.44 4.89 0.00	291.49 12.33 0.00	935.18 32.88 0.01	87.22 2.80 0.93	71.42 2.01 -14.58	76.43 2.11 -19.19	47.68 1.77 0.00	47.07 1.88 0.00
GOWANUS_GT3_1 24122	31.81 1.64 0.00	27.32 1.36 0.00	25.67 1.26 0.00	25.89 1.23 0.00	25.10 1.19 0.00	24.35 1.18 0.00	30.28 1.63 0.00	33.72 1.95 0.00	32.68 2.09 0.00	36.87 2.35 0.00	46.39 2.93 0.00	50.61 3.23 0.00	53.56 3.25 0.00	53.60 3.37 0.00	82.87 5.26 0.00	99.31 5.76 0.00	93.45 4.90 0.00	291.53 12.37 0.00	935.35 33.05 0.01	87.23 2.81 0.93	71.42 2.01 -14.58	76.43 2.11 -19.19	47.68 1.77 0.00	47.07 1.88 0.00
GOWANUS_GT3_2 24123	31.81 1.64 0.00	27.32 1.36 0.00	25.67 1.26 0.00	25.89 1.23 0.00	25.10 1.19 0.00	24.35 1.18 0.00	30.28 1.63 0.00	33.72 1.95 0.00	32.68 2.09 0.00	36.87 2.35 0.00	46.39 2.93 0.00	50.61 3.23 0.00	53.56 3.25 0.00	53.60 3.37 0.00	82.87 5.26 0.00	99.31 5.76 0.00	93.45 4.90 0.00	291.53 12.37 0.00	935.35 33.05 0.01	87.23 2.81 0.93	71.42 2.01 -14.58	76.43 2.11 -19.19	47.68 1.77 0.00	47.07 1.88 0.00
GOWANUS_GT3_3 24124	31.81 1.64 0.00	27.32 1.36 0.00	25.67 1.26 0.00	25.89 1.23 0.00	25.10 1.19 0.00	24.35 1.18 0.00	30.28 1.63 0.00	33.72 1.95 0.00	32.68 2.09 0.00	36.87 2.35 0.00	46.39 2.93 0.00	50.61 3.23 0.00	53.56 3.25 0.00	53.60 3.37 0.00	82.87 5.26 0.00	99.31 5.76 0.00	93.45 4.90 0.00	291.53 12.37 0.00	935.35 33.05 0.01	87.23 2.81 0.93	71.42 2.01 -14.58	76.43 2.11 -19.19	47.68 1.77 0.00	47.07 1.88 0.00
GOWANUS_GT3_4 24125	31.81 1.64 0.00	27.32 1.36 0.00	25.67 1.26 0.00	25.89 1.23 0.00	25.10 1.19 0.00	24.35 1.18 0.00	30.28 1.63 0.00	33.72 1.95 0.00	32.68 2.09 0.00	36.87 2.35 0.00	46.39 2.93 0.00	50.61 3.23 0.00	53.56 3.25 0.00	53.60 3.37 0.00	82.87 5.26 0.00	99.31 5.76 0.00	93.45 4.90 0.00	291.53 12.37 0.00	935.35 33.05 0.01	87.23 2.81 0.93	71.42 2.01 -14.58	76.43 2.11 -19.19	47.68 1.77 0.00	47.07 1.88 0.00
GOWANUS_GT3_5 24126	31.81 1.64 0.00	27.32 1.36 0.00	25.67 1.26 0.00	25.89 1.23 0.00	25.10 1.19 0.00	24.35 1.18 0.00	30.28 1.63 0.00	33.72 1.95 0.00	32.68 2.09 0.00	36.87 2.35 0.00	46.39 2.93 0.00	50.61 3.23 0.00	53.56 3.25 0.00	53.60 3.37 0.00	82.87 5.26 0.00	99.31 5.76 0.00	93.45 4.90 0.00	291.53 12.37 0.00	935.35 33.05 0.01	87.23 2.81 0.93	71.42 2.01 -14.58	76.43 2.11 -19.19	47.68 1.77 0.00	47.07 1.88 0.00
GOWANUS_GT3_6 24127	31.81 1.64 0.00	27.32 1.36 0.00	25.67 1.26 0.00	25.89 1.23 0.00	25.10 1.19 0.00	24.35 1.18 0.00	30.28 1.63 0.00	33.72 1.95 0.00	32.68 2.09 0.00	36.87 2.35 0.00	46.39 2.93 0.00	50.61 3.23 0.00	53.56 3.25 0.00	53.60 3.37 0.00	82.87 5.26 0.00	99.31 5.76 0.00	93.45 4.90 0.00	291.53 12.37 0.00	935.35 33.05 0.01	87.23 2.81 0.93	71.42 2.01 -14.58	76.43 2.11 -19.19	47.68 1.77 0.00	47.07 1.88 0.00
GOWANUS_GT3_7 24128	31.81 1.64 0.00	27.32 1.36 0.00	25.67 1.26 0.00	25.89 1.23 0.00	25.10 1.19 0.00	24.35 1.18 0.00	30.28 1.63 0.00	33.72 1.95 0.00	32.68 2.09 0.00	36.87 2.35 0.00	46.39 2.93 0.00	50.61 3.23 0.00	53.56 3.25 0.00	53.60 3.37 0.00	82.87 5.26 0.00	99.31 5.76 0.00	93.45 4.90 0.00	291.53 12.37 0.00	935.35 33.05 0.01	87.23 2.81 0.93	71.42 2.01 -14.58	76.43 2.11 -19.19	47.68 1.77 0.00	47.07 1.88 0.00
GOWANUS_GT3_8 24129	31.81 1.64 0.00	27.32 1.36 0.00	25.67 1.26 0.00	25.89 1.23 0.00	25.10 1.19 0.00	24.35 1.18 0.00	30.28 1.63 0.00	33.72 1.95 0.00	32.68 2.09 0.00	36.87 2.35 0.00	46.39 2.93 0.00	50.61 3.23 0.00	53.56 3.25 0.00	53.60 3.37 0.00	82.87 5.26 0.00	99.31 5.76 0.00	93.45 4.90 0.00	291.53 12.37 0.00	935.35 33.05 0.01	87.23 2.81 0.93	71.42 2.01 -14.58	76.43 2.11 -19.19	47.68 1.77 0.00	47.07 1.88 0.00
GOWANUS_GT4_1 24130	31.82 1.64 0.00	27.32 1.36 0.00	25.67 1.26 0.00	25.89 1.23 0.00	25.10 1.19 0.00	24.35 1.19 0.00	30.29 1.63 0.00	33.72 1.95 0.00	32.68 2.09 0.00	36.87 2.35 0.00	46.40 2.93 0.00	50.61 3.23 0.00	53.55 3.25 0.00	53.60 3.37 0.00	82.88 5.27 0.00	99.30 5.75 0.00	93.44 4.89 0.00	291.48 12.32 0.00	935.55 33.25 0.01	87.23 2.82 0.93	71.41 2.01 -14.58	76.42 2.10 -19.19	47.68 1.78 0.00	47.08 1.89 0.00
GOWANUS_GT4_2 24131	31.82 1.64 0.00	27.32 1.36 0.00	25.67 1.26 0.00	25.89 1.23 0.00	25.10 1.19 0.00	24.35 1.19 0.00	30.29 1.63 0.00	33.72 1.95 0.00	32.68 2.09 0.00	36.87 2.35 0.00	46.40 2.93 0.00	50.61 3.23 0.00	53.55 3.25 0.00	53.60 3.37 0.00	82.88 5.27 0.00	99.30 5.75 0.00	93.44 4.89 0.00	291.48 12.32 0.00	935.55 33.25 0.01	87.23 2.82 0.93	71.41 2.01 -14.58	76.42 2.10 -19.19	47.68 1.78 0.00	47.08 1.89 0.00

GOWANUS_GT4_3 24132	31.82 1.64 0.00	27.32 1.36 0.00	25.67 1.26 0.00	25.89 1.23 0.00	25.10 1.19 0.00	24.35 1.19 0.00	30.29 1.63 0.00	33.72 1.95 0.00	32.68 2.09 0.00	36.87 2.35 0.00	46.40 2.93 0.00	50.61 3.23 0.00	53.55 3.25 0.00	53.60 3.37 0.00	82.88 5.27 0.00	99.30 5.75 0.00	93.44 4.89 0.00	291.48 12.32 0.00	935.55 33.25 0.01	87.23 2.82 0.93	71.41 2.01 -14.58	76.42 2.10 -19.19	47.68 1.78 0.00	47.08 1.89 0.00
GOWANUS_GT4_4 24133	31.82 1.64 0.00	27.32 1.36 0.00	25.67 1.26 0.00	25.89 1.23 0.00	25.10 1.19 0.00	24.35 1.19 0.00	30.29 1.63 0.00	33.72 1.95 0.00	32.68 2.09 0.00	36.87 2.35 0.00	46.40 2.93 0.00	50.61 3.23 0.00	53.55 3.25 0.00	53.60 3.37 0.00	82.88 5.27 0.00	99.30 5.75 0.00	93.44 4.89 0.00	291.48 12.32 0.00	935.55 33.25 0.01	87.23 2.82 0.93	71.41 2.01 -14.58	76.42 2.10 -19.19	47.68 1.78 0.00	47.08 1.89 0.00
GOWANUS_GT4_5 24134	31.82 1.64 0.00	27.32 1.36 0.00	25.67 1.26 0.00	25.89 1.23 0.00	25.10 1.19 0.00	24.35 1.19 0.00	30.29 1.63 0.00	33.72 1.95 0.00	32.68 2.09 0.00	36.87 2.35 0.00	46.40 2.93 0.00	50.61 3.23 0.00	53.55 3.25 0.00	53.60 3.37 0.00	82.88 5.27 0.00	99.30 5.75 0.00	93.44 4.89 0.00	291.48 12.32 0.00	935.55 33.25 0.01	87.23 2.82 0.93	71.41 2.01 -14.58	76.42 2.10 -19.19	47.68 1.78 0.00	47.08 1.89 0.00
GOWANUS_GT4_6 24135	31.82 1.64 0.00	27.32 1.36 0.00	25.67 1.26 0.00	25.89 1.23 0.00	25.10 1.19 0.00	24.35 1.19 0.00	30.29 1.63 0.00	33.72 1.95 0.00	32.68 2.09 0.00	36.87 2.35 0.00	46.40 2.93 0.00	50.61 3.23 0.00	53.55 3.25 0.00	53.60 3.37 0.00	82.88 5.27 0.00	99.30 5.75 0.00	93.44 4.89 0.00	291.48 12.32 0.00	935.55 33.25 0.01	87.23 2.82 0.93	71.41 2.01 -14.58	76.42 2.10 -19.19	47.68 1.78 0.00	47.08 1.89 0.00
GOWANUS_GT4_7 24136	31.82 1.64 0.00	27.32 1.36 0.00	25.67 1.26 0.00	25.89 1.23 0.00	25.10 1.19 0.00	24.35 1.19 0.00	30.29 1.63 0.00	33.72 1.95 0.00	32.68 2.09 0.00	36.87 2.35 0.00	46.40 2.93 0.00	50.61 3.23 0.00	53.55 3.25 0.00	53.60 3.37 0.00	82.88 5.27 0.00	99.30 5.75 0.00	93.44 4.89 0.00	291.48 12.32 0.00	935.55 33.25 0.01	87.23 2.82 0.93	71.41 2.01 -14.58	76.42 2.10 -19.19	47.68 1.78 0.00	47.08 1.89 0.00
GOWANUS_GT4_8 24137	31.82 1.64 0.00	27.32 1.36 0.00	25.67 1.26 0.00	25.89 1.23 0.00	25.10 1.19 0.00	24.35 1.19 0.00	30.29 1.63 0.00	33.72 1.95 0.00	32.68 2.09 0.00	36.87 2.35 0.00	46.40 2.93 0.00	50.61 3.23 0.00	53.55 3.25 0.00	53.60 3.37 0.00	82.88 5.27 0.00	99.30 5.75 0.00	93.44 4.89 0.00	291.48 12.32 0.00	935.55 33.25 0.01	87.23 2.82 0.93	71.41 2.01 -14.58	76.42 2.10 -19.19	47.68 1.78 0.00	47.08 1.89 0.00
GREENBSH_115KV_TB3 55895	30.72 0.54 0.00	26.44 0.49 0.00	24.91 0.50 0.00	25.26 0.59 0.00	24.47 0.56 0.00	23.60 0.43 0.00	29.26 0.60 0.00	32.32 0.54 0.00	31.02 0.43 0.00	34.88 0.37 0.00	44.07 0.61 0.00	48.01 0.64 0.00	50.87 0.56 0.00	50.80 0.57 0.00	78.42 0.80 0.00	94.51 0.96 0.00	89.49 0.94 0.00	282.18 3.02 0.00	913.97 11.66 0.00	86.20 0.86 0.00	144.29 0.74 -88.73	173.00 0.89 -116.98	46.55 0.65 0.00	45.89 0.70 0.00
GREENDGE_115KV_TB5 80291	31.06 0.88 0.00	26.58 0.63 0.00	24.74 0.34 0.00	24.88 0.22 0.00	24.05 0.14 0.00	23.43 0.26 0.00	29.18 0.53 0.00	32.42 0.65 0.00	31.61 1.02 0.00	36.39 1.87 0.00	46.24 2.59 -0.19	51.70 3.11 -1.21	54.21 3.31 -0.60	54.66 3.66 -0.78	84.75 4.04 -3.10	100.98 3.68 -3.75	94.44 2.91 -2.99	295.03 11.57 -4.30	950.48 43.10 -5.07	92.81 4.24 -3.23	59.42 2.73 -1.87	59.47 2.46 -1.88	48.78 1.55 -1.33	47.15 1.16 -0.79
GREENIDGE___3 23582	31.06 0.88 0.00	26.58 0.63 0.00	24.74 0.34 0.00	24.88 0.22 0.00	24.05 0.14 0.00	23.43 0.26 0.00	29.18 0.53 0.00	32.42 0.65 0.00	31.61 1.02 0.00	36.39 1.87 0.00	46.24 2.59 -0.19	51.70 3.11 -1.21	54.21 3.31 -0.60	54.66 3.66 -0.78	84.75 4.04 -3.10	100.98 3.68 -3.75	94.44 2.91 -2.99	295.03 11.57 -4.30	950.48 43.10 -5.07	92.81 4.24 -3.23	59.42 2.73 -1.87	59.47 2.46 -1.88	48.78 1.55 -1.33	47.15 1.16 -0.79
GREENIDGE___4 23583	31.06 0.88 0.00	26.58 0.63 0.00	24.74 0.33 0.00	24.88 0.22 0.00	24.05 0.14 0.00	23.43 0.26 0.00	29.18 0.53 0.00	32.42 0.64 0.00	31.61 1.02 0.00	36.39 1.88 0.00	46.26 2.60 -0.19	51.70 3.11 -1.21	54.21 3.31 -0.60	54.67 3.66 -0.78	84.75 4.04 -3.10	100.98 3.68 -3.75	94.44 2.91 -2.99	295.01 11.54 -4.30	950.47 43.08 -5.07	92.81 4.24 -3.23	59.41 2.72 -1.87	59.44 2.43 -1.88	48.78 1.55 -1.33	47.15 1.16 -0.79
GREENLWN_69_KV_BK 3 55738	46.22 1.87 -14.17	31.60 1.61 -4.04	25.86 1.45 0.00	26.14 1.48 0.00	25.30 1.38 0.00	24.51 1.34 0.00	30.43 1.77 0.00	33.69 1.92 0.00	32.64 2.06 0.00	37.78 2.41 -0.85	46.49 3.03 0.00	50.52 3.14 0.00	52.93 3.09 0.46	52.86 3.30 0.66	82.62 5.01 0.00	99.41 6.26 0.41	92.47 5.96 2.04	294.58 15.41 0.00	941.00 38.69 0.00	90.91 3.75 -1.82	71.72 2.32 -14.58	77.08 2.34 -19.61	51.73 2.14 -3.69	58.64 2.48 -10.97
GREENWD_138_KV_38B11_REV_LBMP_J 345004	31.82 1.64 0.00	27.32 1.36 0.00	25.67 1.26 0.00	25.89 1.23 0.00	25.10 1.19 0.00	24.35 1.19 0.00	30.29 1.63 0.00	33.72 1.95 0.00	32.68 2.09 0.00	36.87 2.35 0.00	46.40 2.93 0.00	50.61 3.23 0.00	53.55 3.25 0.00	53.60 3.37 0.00	82.88 5.27 0.00	99.30 5.75 0.00	93.46 4.91 0.00	291.57 12.41 0.00	935.70 33.40 0.01	87.24 2.82 0.93	71.41 2.01 -14.58	76.42 2.10 -19.19	47.68 1.78 0.00	47.08 1.89 0.00
GRISSOM___SOLAR 323813	33.32 3.15 0.00	28.61 2.65 0.00	26.80 2.40 0.00	27.07 2.41 0.00	26.33 2.41 0.00	25.52 2.35 0.00	31.36 2.71 0.00	33.61 1.83 0.00	32.07 1.48 0.00	36.23 1.72 0.00	44.71 1.25 0.00	49.40 2.02 0.00	51.84 1.54 0.00	52.32 2.09 0.00	82.27 4.66 0.00	99.52 5.96 0.00	94.48 5.92 0.00	302.89 23.72 0.00	1017.98 115.67 0.00	98.21 12.87 0.00	212.37 8.52 -149.02	259.76 8.15 -196.47	52.26 6.37 0.00	50.71 5.51 0.00
GROVEVILLE___HYD 323602	31.82 1.65 0.00	27.35 1.40 0.00	25.69 1.28 0.00	25.94 1.28 0.00	25.14 1.23 0.00	24.37 1.20 0.00	30.31 1.66 0.00	33.66 1.88 0.00	32.55 1.96 0.00	36.72 2.20 0.00	46.31 2.85 0.00	50.48 3.11 0.00	53.48 3.18 0.00	53.68 3.46 0.00	83.04 5.42 0.00	100.20 6.64 0.00	94.85 6.30 0.00	297.67 18.51 0.00	956.10 53.79 0.00	89.96 4.62 0.00	73.01 2.89 -15.29	78.16 2.87 -20.16	48.15 2.24 0.00	47.40 2.21 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	30.46 0.29 0.00	26.20 0.25 0.00	24.54 0.13 0.00	24.79 0.12 0.00	23.99 0.08 0.00	23.26 0.09 0.00	28.77 0.12 0.00	31.86 0.08 0.00	30.80 0.21 0.00	34.89 0.37 0.00	44.63 0.53 -0.63	52.10 0.75 -3.98	53.04 0.75 -1.98	53.74 0.96 -2.55	88.78 0.98 -10.19	106.78 0.90 -12.32	99.16 0.80 -9.81	296.51 3.22 -14.13	928.58 9.59 -16.68	96.97 1.02 -10.60	61.65 0.69 -6.14	61.95 0.64 -6.18	50.67 0.38 -4.38	47.96 0.15 -2.61

HAMLTNNY_34_KV_TB 80303	30.57 0.40 0.00	26.29 0.34 0.00	24.59 0.18 0.00	24.83 0.17 0.00	24.01 0.10 0.00	23.30 0.13 0.00	28.85 0.20 0.00	31.98 0.20 0.00	30.95 0.36 0.00	35.10 0.58 0.00	45.00 0.89 -0.64	52.62 1.16 -4.08	53.58 1.24 -2.03	54.31 1.47 -2.61	89.67 1.62 -10.44	107.77 1.59 -12.63	100.06 1.45 -10.05	299.11 5.47 -14.48	936.87 17.47 -17.09	98.00 1.79 -10.86	62.31 1.20 -6.29	62.57 1.11 -6.33	51.11 0.72 -4.49	48.37 0.50 -2.68
HAMPSHIRE___PAPER_HYD 323593	29.91 -0.27 0.00	25.70 -0.25 0.00	24.17 -0.23 0.00	24.34 -0.32 0.00	23.52 -0.39 0.00	23.28 0.11 0.00	29.02 0.37 0.00	32.43 0.66 0.00	30.82 0.23 0.00	34.57 0.05 0.00	43.29 -0.39 -0.21	47.64 -1.06 -1.33	40.29 -1.29 8.72	49.94 -1.14 -0.85	79.88 -1.13 -3.40	96.92 -0.75 -4.11	91.15 -0.68 -3.28	283.10 17.47 -4.71	909.93 2.09 -5.53	89.85 0.99 -3.51	57.80 0.94 -2.04	58.45 1.27 -2.05	48.12 0.77 -1.45	46.66 0.60 -0.87
HARDSCRABBLE_WT_PWR 323673	30.82 0.64 0.00	26.47 0.52 0.00	24.88 0.48 0.00	25.15 0.49 0.00	24.42 0.50 0.00	23.60 0.43 0.00	29.20 0.55 0.00	32.28 0.51 0.00	30.95 0.36 0.00	34.94 0.43 0.00	43.96 0.49 0.00	48.07 0.69 0.00	51.91 0.71 -0.89	51.11 0.88 0.00	79.21 1.60 0.00	95.45 1.89 0.00	89.98 1.43 0.00	285.18 6.01 0.00	928.05 25.74 0.00	87.70 2.35 0.00	56.70 1.88 0.00	56.88 1.75 0.00	47.30 1.40 0.00	46.40 1.20 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	31.56 1.39 0.00	27.13 1.18 0.00	25.47 1.06 0.00	25.73 1.06 0.00	24.94 1.03 0.00	24.15 0.98 0.00	30.02 1.36 0.00	33.33 1.55 0.00	32.25 1.67 0.00	36.46 1.94 0.00	46.01 2.54 0.00	50.27 2.89 0.00	53.31 3.00 0.00	53.60 3.37 0.00	82.92 5.31 0.00	99.94 6.39 0.00	94.46 5.91 0.00	296.52 17.36 0.00	952.11 49.80 0.00	89.37 4.03 0.00	70.67 2.47 -13.37	75.31 2.54 -17.63	47.87 1.97 0.00	47.15 1.96 0.00
HARSNRAD_115KV_TB1 81005	31.31 1.14 0.00	26.82 0.87 0.00	24.66 0.25 0.00	24.64 -0.02 0.00	23.59 -0.32 0.00	22.95 -0.21 0.00	28.50 -0.16 0.00	31.45 -0.32 0.00	30.87 0.28 0.00	35.71 1.19 0.00	45.08 1.62 0.00	49.44 2.07 0.00	53.27 2.96 0.00	53.97 3.74 0.00	79.83 2.21 0.00	94.12 0.57 0.00	88.77 0.22 0.00	280.11 0.94 0.00	903.04 0.73 0.00	86.04 0.70 0.00	55.37 0.54 0.00	55.68 0.55 0.00	46.01 0.11 0.00	44.93 -0.27 0.00
HARZA MOOSE___RIVER 24016	30.53 0.36 0.00	26.30 0.35 0.00	24.70 0.30 0.00	24.89 0.22 0.00	24.00 0.09 0.00	23.73 0.56 0.00	29.63 0.98 0.00	33.14 1.36 0.00	31.74 1.15 0.00	35.73 1.22 0.00	44.98 1.34 -0.18	49.51 1.01 -1.12	49.97 1.06 1.39	52.34 1.40 -0.72	82.73 2.25 -2.87	99.61 2.59 -3.47	93.84 2.53 -2.76	292.52 9.39 -3.97	941.17 34.16 -4.69	92.06 3.73 -2.98	59.25 2.70 -1.73	59.72 2.85 -1.74	49.11 1.98 -1.23	47.51 1.58 -0.73
HDSNBRDG_115KV_BRDG_TB1 355580	30.29 0.11 0.00	26.06 0.11 0.00	24.41 0.00 0.00	24.63 -0.03 0.00	23.84 -0.07 0.00	23.13 -0.03 0.00	28.63 -0.02 0.00	31.71 -0.07 0.00	30.69 0.10 0.00	34.81 0.29 0.00	44.29 0.49 -0.34	50.26 0.73 -2.16	52.15 0.77 -1.07	52.60 0.99 -1.38	84.13 0.99 -5.52	101.11 0.87 -6.68	94.60 0.73 -5.32	289.66 2.84 -7.66	919.70 8.35 -9.05	91.96 0.87 -5.75	58.75 0.59 -3.33	59.02 0.54 -3.35	48.57 0.29 -2.37	46.67 0.06 -1.42
HELLGATE_13_KV_LD 55870	31.70 1.52 0.00	27.23 1.28 0.00	25.59 1.19 0.00	25.82 1.16 0.00	25.04 1.13 0.00	24.30 1.12 0.00	30.19 1.54 0.00	33.63 1.86 0.00	32.58 1.99 0.00	36.73 2.21 0.00	46.22 2.75 0.00	50.36 2.99 0.00	53.30 3.00 0.00	53.45 3.22 0.00	82.65 5.04 0.00	99.32 5.77 0.00	93.73 5.18 0.00	292.76 13.60 0.00	938.85 36.55 0.01	87.70 2.97 0.62	71.32 1.91 -14.58	76.31 1.97 -19.20	47.58 1.68 0.00	47.05 1.86 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	31.70 1.52 0.00	27.23 1.28 0.00	25.59 1.19 0.00	25.82 1.16 0.00	25.04 1.13 0.00	24.30 1.12 0.00	30.19 1.54 0.00	33.63 1.86 0.00	32.58 1.99 0.00	36.73 2.21 0.00	46.22 2.75 0.00	50.36 2.99 0.00	53.30 3.00 0.00	53.45 3.22 0.00	82.65 5.04 0.00	99.32 5.77 0.00	93.73 5.18 0.00	292.76 13.60 0.00	938.85 36.55 0.01	87.70 2.97 0.62	71.32 1.91 -14.58	76.31 1.97 -19.20	47.58 1.68 0.00	47.05 1.86 0.00
HEMPSTEAD____ 23647	46.25 1.91 -14.17	31.60 1.61 -4.04	25.85 1.44 0.00	26.13 1.46 0.00	25.30 1.39 0.00	24.53 1.36 0.00	30.49 1.83 0.00	33.83 2.05 0.00	32.78 2.19 0.00	37.92 2.55 -0.86	46.62 3.15 0.00	50.76 3.38 0.00	53.66 3.36 0.00	53.69 3.45 -0.02	82.85 5.24 0.00	99.94 6.38 0.00	94.65 6.10 0.00	295.27 16.10 0.00	943.62 41.31 0.00	90.93 3.77 -1.82	71.77 2.37 -14.58	77.23 2.49 -19.61	51.90 2.31 -3.69	58.57 2.41 -10.97
HEWLETT_69_KV_BK3 55828	46.50 2.15 -14.17	31.80 1.81 -4.04	26.03 1.62 0.00	26.30 1.64 0.00	25.46 1.55 0.00	24.69 1.52 0.00	30.70 2.05 0.00	34.06 2.29 0.00	33.00 2.41 0.00	38.17 2.80 -0.85	47.02 3.56 0.00	51.24 3.86 0.00	54.22 3.91 0.00	54.23 3.99 -0.02	83.37 5.76 0.00	100.58 6.96 -0.06	95.22 6.67 0.00	297.45 18.29 0.00	950.98 48.67 0.00	91.53 4.37 -1.82	72.24 2.83 -14.58	77.84 3.10 -19.61	52.42 2.84 -3.69	59.11 2.95 -10.97
HICKLING___1 23621	30.77 0.60 0.00	26.30 0.35 0.00	24.53 0.13 0.00	24.70 0.04 0.00	23.92 0.00 0.00	23.37 0.20 0.00	29.14 0.49 0.00	32.34 0.57 0.00	31.60 1.01 0.00	36.29 1.77 0.00	46.01 2.36 -0.19	51.89 3.31 -1.21	54.24 3.34 -0.60	54.74 3.75 -0.78	85.06 4.35 -3.10	101.36 4.05 -3.75	94.62 3.08 -2.99	296.16 12.69 -4.30	942.44 35.05 -5.08	91.63 3.06 -3.23	63.18 2.23 -6.13	64.81 2.19 -7.49	48.71 1.47 -1.33	47.17 1.18 -0.80
HICKLING___2 23622	30.77 0.60 0.00	26.30 0.35 0.00	24.53 0.13 0.00	24.70 0.04 0.00	23.92 0.00 0.00	23.37 0.20 0.00	29.14 0.49 0.00	32.34 0.57 0.00	31.60 1.01 0.00	36.29 1.77 0.00	46.01 2.36 -0.19	51.89 3.31 -1.21	54.24 3.34 -0.60	54.74 3.75 -0.78	85.06 4.35 -3.10	101.36 4.05 -3.75	94.62 3.08 -2.99	296.16 12.69 -4.30	942.44 35.05 -5.08	91.63 3.06 -3.23	63.18 2.23 -6.13	64.81 2.19 -7.49	48.71 1.47 -1.33	47.17 1.18 -0.80
HIGH FALLS___HY 23754	31.59 1.42 0.00	27.16 1.20 0.00	25.50 1.09 0.00	25.73 1.07 0.00	24.94 1.03 0.00	24.18 1.01 0.00	30.07 1.41 0.00	33.41 1.63 0.00	32.39 1.81 0.00	36.34 1.82 0.00	45.71 2.25 0.00	49.85 2.47 0.00	52.85 2.54 0.00	53.10 2.88 0.00	82.23 4.62 0.00	99.64 6.08 0.00	94.03 5.47 0.00	295.76 16.59 0.00	950.45 48.14 0.00	89.33 3.99 0.00	79.81 2.34 -22.65	87.64 2.65 -29.86	47.95 2.05 0.00	47.17 1.98 0.00
HIGH_RIVER___SOLAR 323847	31.45 1.27 0.00	27.03 1.08 0.00	25.40 0.99 0.00	25.67 1.01 0.00	24.89 0.97 0.00	24.08 0.91 0.00	29.86 1.20 0.00	33.00 1.22 0.00	31.70 1.11 0.00	35.74 1.22 0.00	45.02 1.56 0.00	49.13 1.76 0.00	52.11 1.80 0.00	52.20 1.97 0.00	80.76 3.15 0.00	97.33 3.77 0.00	92.11 3.56 0.00	291.03 11.86 0.00	944.32 42.01 0.00	89.37 4.03 0.00	231.80 2.82 -174.16	287.59 2.85 -229.61	48.16 2.26 0.00	47.33 2.13 0.00

HILLBURN___GT 23639	31.42 1.25 0.00	27.03 1.07 0.00	25.39 0.98 0.00	25.64 0.98 0.00	24.86 0.95 0.00	24.09 0.92 0.00	29.93 1.27 0.00	33.21 1.44 0.00	32.13 1.54 0.00	36.28 1.77 0.00	45.75 2.29 0.00	49.98 2.61 0.00	52.92 2.62 0.00	53.19 2.96 0.00	82.29 4.67 0.00	99.12 5.57 0.00	93.57 5.02 0.00	293.35 14.19 0.00	939.68 37.37 0.00	88.17 2.82 0.00	70.26 1.82 -13.62	75.05 1.96 -17.96	47.45 1.55 0.00	46.79 1.60 0.00
HILLSIDE_115KV_TB1 80332	30.34 0.17 0.00	25.97 0.02 0.00	24.25 -0.16 0.00	24.46 -0.20 0.00	23.70 -0.22 0.00	23.12 -0.05 0.00	28.80 0.15 0.00	31.95 0.18 0.00	31.16 0.57 0.00	35.65 1.13 0.00	45.14 1.48 -0.20	50.95 2.32 -1.25	53.11 2.18 -0.62	53.53 2.50 -0.80	83.55 2.73 -3.21	99.66 2.22 -3.88	92.82 1.17 -3.09	290.37 6.75 -4.45	920.57 13.00 -5.25	89.62 0.93 -3.34	62.16 1.00 -6.34	63.96 1.07 -7.76	47.92 0.64 -1.38	46.37 0.36 -0.82
HISHELDN_WT_PWR 323625	30.93 0.75 0.00	26.44 0.49 0.00	24.42 0.01 0.00	24.48 -0.19 0.00	23.51 -0.40 0.00	22.93 -0.24 0.00	28.57 -0.09 0.00	31.68 -0.09 0.00	31.27 0.68 0.00	36.19 1.67 0.00	45.78 2.32 0.00	50.47 3.09 0.00	54.10 3.80 0.00	54.68 4.45 0.00	81.55 3.93 0.00	96.47 2.91 0.00	90.92 2.36 0.00	287.63 8.47 0.00	924.67 22.36 0.00	87.62 2.27 0.00	56.34 1.51 0.00	56.55 1.42 0.00	46.73 0.83 0.00	45.71 0.51 0.00
HOLTSVILLE_IC_1 23690	46.44 2.10 -14.17	31.79 1.80 -4.04	26.04 1.63 0.00	26.34 1.68 0.00	25.49 1.58 0.00	24.73 1.56 0.00	30.70 2.05 0.00	34.02 2.25 0.00	32.95 2.37 0.00	38.17 2.79 -0.86	46.99 3.53 0.00	50.95 3.58 0.00	53.65 3.53 0.18	53.65 3.68 0.26	83.07 5.46 0.00	100.74 6.51 -0.68	99.03 6.30 -4.17	293.50 14.34 0.00	935.96 33.65 0.00	91.26 4.10 -1.82	71.94 2.54 -14.58	77.29 2.55 -19.61	52.00 2.42 -3.69	58.97 2.80 -10.97
HOLTSVILLE_IC_10 23699	46.58 2.24 -14.17	31.91 1.91 -4.04	26.14 1.73 0.00	26.44 1.77 0.00	25.58 1.67 0.00	24.82 1.65 0.00	30.84 2.18 0.00	34.19 2.42 0.00	33.14 2.55 0.00	38.41 3.04 -0.86	47.31 3.84 0.00	51.33 3.95 0.00	54.00 3.94 0.24	53.99 4.11 0.34	83.74 6.13 0.00	101.77 7.33 -0.88	100.97 7.09 -5.33	294.97 15.81 0.00	940.03 37.72 0.00	92.01 4.85 -1.82	72.38 2.98 -14.58	77.73 2.99 -19.61	52.33 2.74 -3.69	59.27 3.11 -10.97
HOLTSVILLE_IC_2 23691	46.44 2.10 -14.17	31.79 1.80 -4.04	26.04 1.63 0.00	26.34 1.68 0.00	25.49 1.58 0.00	24.73 1.56 0.00	30.70 2.05 0.00	34.02 2.25 0.00	32.95 2.37 0.00	38.17 2.79 -0.86	46.99 3.53 0.00	50.95 3.58 0.00	53.65 3.53 0.18	53.65 3.68 0.26	83.07 5.46 0.00	100.74 6.51 -0.68	99.03 6.30 -4.17	293.50 14.34 0.00	935.96 33.65 0.00	91.26 4.10 -1.82	71.94 2.54 -14.58	77.29 2.55 -19.61	52.00 2.42 -3.69	58.97 2.80 -10.97
HOLTSVILLE_IC_3 23692	46.44 2.10 -14.17	31.79 1.80 -4.04	26.04 1.63 0.00	26.34 1.68 0.00	25.49 1.58 0.00	24.73 1.56 0.00	30.70 2.05 0.00	34.02 2.25 0.00	32.95 2.37 0.00	38.17 2.79 -0.86	46.99 3.53 0.00	50.95 3.58 0.00	53.65 3.53 0.18	53.65 3.68 0.26	83.07 5.46 0.00	100.74 6.51 -0.68	99.03 6.30 -4.17	293.50 14.34 0.00	935.96 33.65 0.00	91.26 4.10 -1.82	71.94 2.54 -14.58	77.29 2.55 -19.61	52.00 2.42 -3.69	58.97 2.80 -10.97
HOLTSVILLE_IC_4 23693	46.44 2.10 -14.17	31.79 1.80 -4.04	26.04 1.63 0.00	26.34 1.68 0.00	25.49 1.58 0.00	24.73 1.56 0.00	30.70 2.05 0.00	34.02 2.25 0.00	32.95 2.37 0.00	38.17 2.79 -0.86	46.99 3.53 0.00	50.95 3.58 0.00	53.65 3.53 0.18	53.65 3.68 0.26	83.07 5.46 0.00	100.74 6.51 -0.68	99.03 6.30 -4.17	293.50 14.34 0.00	935.96 33.65 0.00	91.26 4.10 -1.82	71.94 2.54 -14.58	77.29 2.55 -19.61	52.00 2.42 -3.69	58.97 2.80 -10.97
HOLTSVILLE_IC_5 23694	46.44 2.10 -14.17	31.79 1.80 -4.04	26.04 1.63 0.00	26.34 1.68 0.00	25.49 1.58 0.00	24.73 1.56 0.00	30.70 2.05 0.00	34.02 2.25 0.00	32.95 2.37 0.00	38.17 2.79 -0.86	46.99 3.53 0.00	50.95 3.58 0.00	53.65 3.53 0.18	53.65 3.68 0.26	83.07 5.46 0.00	100.74 6.51 -0.68	99.03 6.30 -4.17	293.50 14.34 0.00	935.96 33.65 0.00	91.26 4.10 -1.82	71.94 2.54 -14.58	77.29 2.55 -19.61	52.00 2.42 -3.69	58.97 2.80 -10.97
HOLTSVILLE_IC_6 23695	46.58 2.24 -14.17	31.91 1.91 -4.04	26.14 1.73 0.00	26.44 1.77 0.00	25.58 1.67 0.00	24.82 1.65 0.00	30.84 2.18 0.00	34.19 2.42 0.00	33.14 2.55 0.00	38.41 3.04 -0.86	47.31 3.84 0.00	51.33 3.95 0.00	54.00 3.94 0.24	53.99 4.11 0.34	83.74 6.13 0.00	101.77 7.33 -0.88	100.97 7.09 -5.33	294.97 15.81 0.00	940.03 37.72 0.00	92.01 4.85 -1.82	72.38 2.98 -14.58	77.73 2.99 -19.61	52.33 2.74 -3.69	59.27 3.11 -10.97
HOLTSVILLE_IC_7 23696	46.58 2.24 -14.17	31.91 1.91 -4.04	26.14 1.73 0.00	26.44 1.77 0.00	25.58 1.67 0.00	24.82 1.65 0.00	30.84 2.18 0.00	34.19 2.42 0.00	33.14 2.55 0.00	38.41 3.04 -0.86	47.31 3.84 0.00	51.33 3.95 0.00	54.00 3.94 0.24	53.99 4.11 0.34	83.74 6.13 0.00	101.77 7.33 -0.88	100.97 7.09 -5.33	294.97 15.81 0.00	940.03 37.72 0.00	92.01 4.85 -1.82	72.38 2.98 -14.58	77.73 2.99 -19.61	52.33 2.74 -3.69	59.27 3.11 -10.97
HOLTSVILLE_IC_8 23697	46.58 2.24 -14.17	31.91 1.91 -4.04	26.14 1.73 0.00	26.44 1.77 0.00	25.58 1.67 0.00	24.82 1.65 0.00	30.84 2.18 0.00	34.19 2.42 0.00	33.14 2.55 0.00	38.41 3.04 -0.86	47.31 3.84 0.00	51.33 3.95 0.00	54.00 3.94 0.24	53.99 4.11 0.34	83.74 6.13 0.00	101.77 7.33 -0.88	100.97 7.09 -5.33	294.97 15.81 0.00	940.03 37.72 0.00	92.01 4.85 -1.82	72.38 2.98 -14.58	77.73 2.99 -19.61	52.33 2.74 -3.69	59.27 3.11 -10.97
HOLTSVILLE_IC_9 23698	46.58 2.24 -14.17	31.91 1.91 -4.04	26.14 1.73 0.00	26.44 1.77 0.00	25.58 1.67 0.00	24.82 1.65 0.00	30.84 2.18 0.00	34.19 2.42 0.00	33.14 2.55 0.00	38.41 3.04 -0.86	47.31 3.84 0.00	51.33 3.95 0.00	54.00 3.94 0.24	53.99 4.11 0.34	83.74 6.13 0.00	101.77 7.33 -0.88	100.97 7.09 -5.33	294.97 15.81 0.00	940.03 37.72 0.00	92.01 4.85 -1.82	72.38 2.98 -14.58	77.73 2.99 -19.61	52.33 2.74 -3.69	59.27 3.11 -10.97
HOMER_HL_115KV_TB2 355744	31.32 1.15 0.00	26.87 0.92 0.00	24.91 0.50 0.00	25.06 0.40 0.00	24.17 0.25 0.00	23.60 0.43 0.00	29.51 0.86 0.00	32.69 0.92 0.00	31.92 1.33 0.00	36.65 2.13 0.00	46.29 2.83 0.00	51.12 3.74 0.00	53.97 3.67 0.00	54.46 4.24 0.00	81.56 3.94 0.00	96.76 3.20 0.00	90.74 2.19 0.00	287.73 8.57 0.00	919.20 16.89 0.00	86.71 1.36 0.00	55.94 1.11 0.00	56.55 1.42 0.00	46.87 0.96 0.00	45.84 0.65 0.00
HOWARD_WT_PWR 323690	30.21 0.04 0.00	25.70 -0.25 0.00	23.94 -0.47 0.00	24.03 -0.63 0.00	23.39 -0.52 0.00	22.97 -0.20 0.00	28.71 0.05 0.00	31.90 0.12 0.00	31.45 0.86 0.00	36.66 2.15 0.00	46.54 2.93 -0.14	52.06 3.80 -0.89	54.90 4.15 -0.44	55.47 4.68 -0.57	84.81 4.93 -2.27	100.77 4.47 -2.75	94.46 3.72 -2.19	296.73 14.41 -3.15	950.87 44.84 -3.72	91.72 4.01 -2.37	58.76 2.56 -1.37	58.60 2.09 -1.38	48.03 1.15 -0.98	47.07 1.30 -0.58

HQ_GEN_CEDARS 23644	29.47 -0.70 0.00	25.24 -0.71 0.00	23.76 -0.65 0.00	23.98 -0.68 0.00	23.32 -0.59 0.00	22.72 -0.45 0.00	28.08 -0.57 0.00	31.29 -0.48 0.00	29.92 -0.67 0.00	33.53 -0.99 0.00	41.82 -1.64 0.00	45.34 -2.04 0.00	31.30 -2.24 16.76	47.76 -2.47 0.00	74.60 -3.01 0.00	91.76 -1.79 0.00	86.98 -1.57 0.00	274.40 -4.77 0.00	888.21 -14.10 0.00	84.39 -0.96 0.00	54.12 -0.70 0.00	54.38 -0.75 0.00	44.88 -1.02 0.00	44.34 -0.86 0.00
HQ_GEN_CEDARS_PROXY 323590	29.47 -0.70 0.00	25.24 -0.71 0.00	23.76 -0.65 0.00	23.98 -0.68 0.00	23.32 -0.59 0.00	22.72 -0.45 0.00	28.08 -0.57 0.00	31.29 -0.48 0.00	29.92 -0.67 0.00	33.37 -0.98 0.17	41.82 -1.65 0.00	45.34 -2.04 0.00	31.30 -2.24 16.76	47.75 -2.47 0.00	74.60 -3.01 0.00	91.76 -1.79 0.00	86.98 -1.57 0.00	274.40 -4.77 0.00	888.26 -14.05 0.00	73.16 -0.96 11.23	54.12 -0.70 0.00	54.38 -0.75 0.00	44.88 -1.02 0.00	45.35 -0.86 -1.01
HQ_GEN_IMPORT 323601	29.75 -0.42 0.00	25.54 -0.41 0.00	24.06 -0.35 0.00	24.31 -0.35 0.00	23.61 -0.30 0.00	22.91 -0.26 0.00	28.28 -0.37 0.00	31.31 -0.33 0.14	30.16 -0.43 0.00	33.94 -0.57 0.00	42.60 -0.86 0.00	46.31 -1.07 0.00	44.08 -1.09 5.13	48.91 -1.32 0.00	76.18 -1.55 -0.11	92.04 -1.52 0.00	87.25 -1.30 0.00	275.03 -4.14 0.00	909.71 -12.22 -19.62	75.15 -1.03 9.16	54.03 -0.79 0.00	54.25 -0.88 0.00	43.86 -0.61 1.43	44.70 -0.50 0.00
HQ_GEN_WHEEL 23651	29.75 -0.42 0.00	25.54 -0.41 0.00	24.06 -0.35 0.00	24.31 -0.35 0.00	23.61 -0.30 0.00	22.91 -0.26 0.00	28.28 -0.37 0.00	31.31 -0.33 0.14	30.16 -0.43 0.00	33.94 -0.57 0.00	42.60 -0.86 0.00	46.31 -1.07 0.00	44.08 -1.09 5.13	48.91 -1.32 0.00	76.18 -1.55 -0.11	92.04 -1.52 0.00	87.25 -1.30 0.00	275.03 -4.14 0.00	909.71 -12.22 -19.62	75.15 -1.03 9.16	54.03 -0.79 0.00	54.25 -0.88 0.00	43.86 -0.61 1.43	44.70 -0.50 0.00
HUDSON AVE_GT_3 23810	31.78 1.61 0.00	27.31 1.36 0.00	25.65 1.24 0.00	25.89 1.23 0.00	25.11 1.20 0.00	24.35 1.18 0.00	30.28 1.62 0.00	33.70 1.92 0.00	32.65 2.06 0.00	36.87 2.36 0.00	46.41 2.94 0.00	50.57 3.20 0.00	53.52 3.22 0.00	53.67 3.45 0.00	82.96 5.34 0.00	99.82 6.27 0.00	94.29 5.74 0.00	295.14 15.98 0.00	946.12 43.81 0.00	88.88 3.54 0.00	71.63 2.22 -14.59	76.65 2.29 -19.23	47.76 1.86 0.00	47.18 1.99 0.00
HUDSON AVE_GT_4 23540	31.78 1.61 0.00	27.31 1.36 0.00	25.65 1.24 0.00	25.89 1.23 0.00	25.11 1.20 0.00	24.35 1.18 0.00	30.28 1.62 0.00	33.70 1.92 0.00	32.65 2.06 0.00	36.87 2.36 0.00	46.41 2.94 0.00	50.57 3.20 0.00	53.52 3.22 0.00	53.67 3.45 0.00	82.96 5.34 0.00	99.82 6.27 0.00	94.29 5.74 0.00	295.14 15.98 0.00	946.12 43.81 0.00	88.88 3.54 0.00	71.63 2.22 -14.59	76.65 2.29 -19.23	47.76 1.86 0.00	47.18 1.99 0.00
HUDSON AVE_GT_5 23657	31.78 1.61 0.00	27.31 1.36 0.00	25.65 1.24 0.00	25.89 1.23 0.00	25.11 1.20 0.00	24.35 1.18 0.00	30.28 1.62 0.00	33.70 1.92 0.00	32.65 2.06 0.00	36.87 2.36 0.00	46.41 2.94 0.00	50.57 3.20 0.00	53.52 3.22 0.00	53.67 3.45 0.00	82.96 5.34 0.00	99.82 6.27 0.00	94.29 5.74 0.00	295.14 15.98 0.00	946.12 43.81 0.00	88.88 3.54 0.00	71.63 2.22 -14.59	76.65 2.29 -19.23	47.76 1.86 0.00	47.18 1.99 0.00
HUDSON_AVE_10 24168	31.62 1.45 0.00	27.19 1.23 0.00	25.54 1.14 0.00	25.78 1.12 0.00	25.01 1.10 0.00	24.26 1.09 0.00	30.13 1.47 0.00	33.54 1.77 0.00	32.50 1.91 0.00	36.69 2.17 0.00	46.16 2.69 0.00	50.32 2.94 0.00	53.23 2.93 0.00	53.39 3.17 0.00	82.59 4.98 0.00	99.38 5.79 -0.03	93.82 5.27 0.00	293.90 14.74 0.00	942.22 39.91 0.00	88.45 3.11 0.00	71.35 1.94 -14.59	76.38 2.02 -19.23	47.53 1.63 0.00	46.98 1.79 0.00
HUDSON___115KV_TB 4 355613	31.58 1.41 0.00	27.15 1.20 0.00	25.54 1.14 0.00	25.88 1.22 0.00	25.08 1.17 0.00	24.19 1.02 0.00	29.98 1.33 0.00	33.06 1.29 0.00	31.55 0.96 0.00	35.42 0.90 0.00	44.75 1.29 0.00	48.79 1.41 0.00	51.72 1.42 0.00	51.73 1.51 0.00	79.77 2.16 0.00	96.37 2.81 0.00	91.45 2.90 0.00	288.47 9.31 0.00	932.32 30.01 0.00	88.60 3.26 0.00	129.06 2.63 -71.61	152.34 2.80 -94.41	48.03 2.13 0.00	47.19 2.00 0.00
HUNTER MOUNT___DRP 323613	31.80 1.63 0.00	27.32 1.37 0.00	25.71 1.30 0.00	26.04 1.38 0.00	25.23 1.32 0.00	24.34 1.17 0.00	30.18 1.52 0.00	33.25 1.47 0.00	31.68 1.09 0.00	35.54 1.03 0.00	44.96 1.49 0.00	49.06 1.68 0.00	52.02 1.72 0.00	52.02 1.79 0.00	80.08 2.47 0.00	96.91 3.35 0.00	92.10 3.55 0.00	290.19 11.03 0.00	934.69 32.38 0.00	89.07 3.72 0.00	118.19 3.27 -60.09	137.80 3.44 -79.23	48.53 2.63 0.00	47.62 2.43 0.00
HUNTINGTON_RES_REC 323705	46.36 2.01 -14.17	31.71 1.72 -4.04	25.96 1.55 0.00	26.25 1.58 0.00	25.39 1.48 0.00	24.62 1.44 0.00	30.53 1.87 0.00	33.82 2.04 0.00	32.77 2.18 0.00	37.97 2.59 -0.86	46.73 3.27 0.00	50.75 3.38 0.00	52.91 3.31 0.70	52.73 3.51 1.01	82.93 5.33 0.01	103.05 6.53 -2.97	112.01 6.25 -17.20	294.55 15.38 0.00	939.76 37.45 0.00	91.24 4.07 -1.82	71.94 2.53 -14.58	77.26 2.53 -19.61	51.91 2.32 -3.69	58.89 2.72 -10.97
HUNTLEY___63 23557	31.50 1.32 0.00	26.97 1.02 0.00	24.81 0.41 0.00	24.82 0.16 0.00	23.76 -0.15 0.00	23.13 -0.04 0.00	28.78 0.13 0.00	31.82 0.04 0.00	31.29 0.70 0.00	36.21 1.70 0.00	45.72 2.26 0.00	50.31 2.94 0.00	54.27 3.97 0.00	54.92 4.70 0.00	81.17 3.55 0.00	95.76 2.20 0.00	90.23 1.67 0.00	285.09 5.93 0.00	917.74 15.43 0.00	87.30 1.96 0.00	56.20 1.38 0.00	56.53 1.40 0.00	46.64 0.74 0.00	45.59 0.39 0.00
HUNTLEY___64 23558	31.50 1.32 0.00	26.97 1.02 0.00	24.81 0.41 0.00	24.82 0.16 0.00	23.76 -0.15 0.00	23.13 -0.04 0.00	28.78 0.13 0.00	31.82 0.04 0.00	31.29 0.70 0.00	36.21 1.70 0.00	45.72 2.26 0.00	50.31 2.94 0.00	54.27 3.97 0.00	54.92 4.70 0.00	81.17 3.55 0.00	95.76 2.20 0.00	90.23 1.67 0.00	285.09 5.93 0.00	917.74 15.43 0.00	87.30 1.96 0.00	56.20 1.38 0.00	56.53 1.40 0.00	46.64 0.74 0.00	45.59 0.39 0.00
HUNTLEY___65 23559	31.50 1.32 0.00	26.97 1.02 0.00	24.81 0.41 0.00	24.82 0.16 0.00	23.76 -0.15 0.00	23.13 -0.04 0.00	28.78 0.13 0.00	31.82 0.04 0.00	31.29 0.70 0.00	36.21 1.70 0.00	45.72 2.26 0.00	50.31 2.94 0.00	54.27 3.97 0.00	54.92 4.70 0.00	81.17 3.55 0.00	95.76 2.20 0.00	90.23 1.67 0.00	285.09 5.93 0.00	917.74 15.43 0.00	87.30 1.96 0.00	56.20 1.38 0.00	56.53 1.40 0.00	46.64 0.74 0.00	45.59 0.39 0.00
HUNTLEY___66 23560	31.50 1.32 0.00	26.97 1.02 0.00	24.81 0.41 0.00	24.82 0.16 0.00	23.76 -0.15 0.00	23.13 -0.04 0.00	28.78 0.13 0.00	31.82 0.04 0.00	31.29 0.70 0.00	36.21 1.70 0.00	45.72 2.26 0.00	50.31 2.94 0.00	54.27 3.97 0.00	54.92 4.70 0.00	81.17 3.55 0.00	95.76 2.20 0.00	90.23 1.67 0.00	285.09 5.93 0.00	917.74 15.43 0.00	87.30 1.96 0.00	56.20 1.38 0.00	56.53 1.40 0.00	46.64 0.74 0.00	45.59 0.39 0.00

HUNTLEY___67 23561	31.18 1.01 0.00	26.71 0.76 0.00	24.59 0.18 0.00	24.60 -0.06 0.00	23.57 -0.34 0.00	22.94 -0.23 0.00	28.57 -0.09 0.00	31.62 -0.16 0.00	31.10 0.51 0.00	35.98 1.46 0.00	45.45 1.98 0.00	50.02 2.65 0.00	53.90 3.60 0.00	54.54 4.31 0.00	80.87 3.26 0.00	95.49 1.93 0.00	90.16 1.61 0.00	284.79 5.63 0.00	915.93 13.62 0.00	86.91 1.57 0.00	55.90 1.08 0.00	56.15 1.01 0.00	46.37 0.47 0.00	45.28 0.08 0.00
HUNTLEY___68 23562	31.18 1.01 0.00	26.71 0.76 0.00	24.59 0.18 0.00	24.60 -0.06 0.00	23.57 -0.34 0.00	22.94 -0.23 0.00	28.57 -0.09 0.00	31.62 -0.16 0.00	31.10 0.51 0.00	35.98 1.46 0.00	45.45 1.98 0.00	50.02 2.65 0.00	53.90 3.60 0.00	54.54 4.31 0.00	80.87 3.26 0.00	95.49 1.93 0.00	90.16 1.61 0.00	284.79 5.63 0.00	915.93 13.62 0.00	86.91 1.57 0.00	55.90 1.08 0.00	56.15 1.01 0.00	46.37 0.47 0.00	45.28 0.08 0.00
HYLAND___LFG 323620	31.38 1.21 0.00	26.79 0.84 0.00	24.85 0.44 0.00	24.91 0.25 0.00	24.03 0.11 0.00	23.47 0.30 0.00	29.33 0.68 0.00	32.51 0.73 0.00	31.70 1.11 0.00	36.05 1.53 0.00	44.50 1.04 0.00	47.46 0.08 0.00	49.65 -0.66 0.00	50.30 0.07 0.00	74.36 -3.25 0.00	88.53 -5.03 0.00	83.50 -5.05 0.00	262.83 -16.33 0.00	869.31 -33.00 0.00	84.13 -1.22 0.00	55.17 0.35 0.00	55.29 0.16 0.00	48.85 2.95 0.00	47.45 2.26 0.00
INDECK___CORINTH 23802	31.83 1.66 0.00	27.24 1.29 0.00	25.61 1.20 0.00	25.92 1.26 0.00	25.12 1.21 0.00	24.33 1.16 0.00	30.26 1.61 0.00	33.37 1.60 0.00	31.97 1.38 0.00	36.04 1.52 0.00	45.59 2.13 0.00	49.88 2.50 0.00	53.04 2.74 0.00	53.18 2.95 0.00	82.04 4.43 0.00	98.91 5.35 0.00	93.20 4.65 0.00	294.97 15.80 0.00	964.40 62.09 0.00	90.85 5.50 0.00	226.10 4.26 -167.01	279.61 4.28 -220.20	49.23 3.33 0.00	48.36 3.17 0.00
INDECK___ILION 23567	30.61 0.44 0.00	26.32 0.37 0.00	24.74 0.34 0.00	25.02 0.36 0.00	24.27 0.35 0.00	23.47 0.30 0.00	29.05 0.40 0.00	32.14 0.37 0.00	30.88 0.29 0.00	34.85 0.34 0.00	43.89 0.42 0.00	47.94 0.56 0.00	51.78 0.58 -0.89	50.93 0.71 0.00	78.78 1.17 0.00	94.87 1.32 0.00	89.63 1.08 0.00	283.37 4.20 0.00	919.00 16.69 0.00	86.87 1.53 0.00	56.03 1.20 0.00	56.29 1.16 0.00	46.81 0.91 0.00	45.98 0.79 0.00
INDECK___OLEAN 23982	31.31 1.14 0.00	26.87 0.92 0.00	24.91 0.50 0.00	25.06 0.40 0.00	24.17 0.25 0.00	23.60 0.43 0.00	29.51 0.85 0.00	32.69 0.92 0.00	31.92 1.33 0.00	36.64 2.13 0.00	46.33 2.86 0.00	51.12 3.74 0.00	53.97 3.67 0.00	54.47 4.25 0.00	81.56 3.95 0.00	96.75 3.19 0.00	90.73 2.18 0.00	287.59 8.43 0.00	919.08 16.77 0.00	86.71 1.36 0.00	55.92 1.10 0.00	56.53 1.41 0.00	46.88 0.98 0.00	45.84 0.65 0.00
INDECK___OSWEGO 23783	29.80 -0.38 0.00	25.68 -0.28 0.00	24.08 -0.33 0.00	24.29 -0.37 0.00	23.52 -0.40 0.00	22.86 -0.31 0.00	28.27 -0.38 0.00	31.31 -0.46 0.00	30.17 -0.41 0.00	34.00 -0.51 0.00	44.29 -0.68 -1.50	56.22 -0.67 -9.52	53.87 -0.70 -4.27	55.79 -0.53 -6.10	100.86 -1.13 -24.37	121.37 -1.67 -29.48	110.31 -1.72 -23.47	307.95 -5.03 -33.81	926.44 -15.78 -39.91	109.45 -1.27 -25.37	68.83 -0.70 -14.70	69.54 -0.37 -14.78	56.01 -0.37 -10.48	50.63 -0.81 -6.25
INDECK___YERKES 23781	31.50 1.33 0.00	26.97 1.02 0.00	24.81 0.41 0.00	24.82 0.16 0.00	23.77 -0.14 0.00	23.13 -0.03 0.00	28.78 0.13 0.00	31.82 0.04 0.00	31.29 0.70 0.00	36.21 1.69 0.00	45.76 2.30 0.00	50.32 2.94 0.00	54.28 3.98 0.00	54.94 4.71 0.00	81.18 3.57 0.00	95.80 2.24 0.00	90.23 1.67 0.00	285.00 5.84 0.00	917.39 15.08 0.00	87.31 1.96 0.00	56.20 1.38 0.00	56.51 1.38 0.00	46.67 0.76 0.00	45.59 0.40 0.00
INDIAN POINT_GT_1 24139	31.45 1.28 0.00	27.05 1.09 0.00	25.41 1.00 0.00	25.66 1.00 0.00	24.88 0.97 0.00	24.11 0.94 0.00	29.96 1.31 0.00	33.25 1.48 0.00	32.16 1.58 0.00	36.29 1.78 0.00	45.73 2.27 0.00	49.90 2.53 0.00	52.82 2.52 0.00	53.01 2.78 0.00	81.99 4.38 0.00	98.77 5.22 0.00	93.34 4.79 0.00	292.54 13.37 0.00	938.91 36.60 0.00	88.22 2.88 0.00	71.01 1.80 -14.38	75.99 1.90 -18.96	47.44 1.54 0.00	46.82 1.63 0.00
INDIAN POINT_GT_2 23659	31.45 1.28 0.00	27.05 1.09 0.00	25.41 1.00 0.00	25.66 1.00 0.00	24.88 0.97 0.00	24.11 0.94 0.00	29.96 1.31 0.00	33.25 1.48 0.00	32.16 1.58 0.00	36.29 1.78 0.00	45.73 2.27 0.00	49.90 2.53 0.00	52.82 2.52 0.00	53.01 2.78 0.00	81.99 4.38 0.00	98.77 5.22 0.00	93.34 4.79 0.00	292.54 13.37 0.00	938.91 36.60 0.00	88.22 2.88 0.00	71.01 1.80 -14.38	75.99 1.90 -18.96	47.44 1.54 0.00	46.82 1.63 0.00
INDIAN POINT_GT_3 24019	31.45 1.28 0.00	27.05 1.09 0.00	25.41 1.00 0.00	25.66 1.00 0.00	24.88 0.97 0.00	24.11 0.94 0.00	29.96 1.31 0.00	33.25 1.48 0.00	32.16 1.58 0.00	36.29 1.78 0.00	45.73 2.27 0.00	49.90 2.53 0.00	52.82 2.52 0.00	53.01 2.78 0.00	81.99 4.38 0.00	98.77 5.22 0.00	93.34 4.79 0.00	292.54 13.37 0.00	938.91 36.60 0.00	88.22 2.88 0.00	71.01 1.80 -14.38	75.99 1.90 -18.96	47.44 1.54 0.00	46.82 1.63 0.00
INDIAN POINT___2 23530	31.40 1.23 0.00	27.01 1.05 0.00	25.38 0.97 0.00	25.63 0.97 0.00	24.85 0.93 0.00	24.07 0.91 0.00	29.91 1.26 0.00	33.20 1.43 0.00	32.11 1.52 0.00	36.24 1.72 0.00	45.66 2.20 0.00	49.83 2.46 0.00	52.75 2.44 0.00	52.94 2.71 0.00	81.90 4.28 0.00	98.65 5.10 0.00	93.18 4.63 0.00	291.99 12.83 0.00	937.08 34.77 0.00	88.02 2.67 0.00	70.59 1.67 -14.10	75.52 1.80 -18.58	47.34 1.44 0.00	46.73 1.54 0.00
INDIAN POINT___3 23531	31.40 1.22 0.00	27.01 1.05 0.00	25.38 0.97 0.00	25.64 0.97 0.00	24.85 0.94 0.00	24.08 0.91 0.00	29.92 1.26 0.00	33.20 1.42 0.00	32.09 1.50 0.00	36.21 1.69 0.00	45.63 2.17 0.00	49.80 2.42 0.00	52.70 2.40 0.00	52.88 2.66 0.00	81.79 4.17 0.00	98.53 4.98 0.00	93.09 4.54 0.00	291.78 12.61 0.00	936.80 34.49 0.00	88.01 2.67 0.00	70.88 1.65 -14.40	75.89 1.78 -18.98	47.33 1.43 0.00	46.72 1.52 0.00
INGHAM_C_115KV_TB7 356103	30.85 0.67 0.00	26.50 0.54 0.00	24.91 0.50 0.00	25.21 0.54 0.00	24.46 0.55 0.00	23.63 0.46 0.00	29.21 0.55 0.00	32.24 0.47 0.00	30.84 0.25 0.00	34.83 0.31 0.00	43.78 0.31 0.00	47.87 0.49 0.00	51.70 0.50 -0.89	50.93 0.70 0.00	79.08 1.46 0.00	95.26 1.70 0.00	89.69 1.14 0.00	284.70 5.54 0.00	928.12 25.81 0.00	87.74 2.40 0.00	56.85 2.03 0.00	57.04 1.92 0.00	47.41 1.51 0.00	46.49 1.30 0.00
IP CORINTH___1 23988	32.01 1.84 0.00	27.38 1.43 0.00	25.74 1.33 0.00	26.05 1.39 0.00	25.24 1.33 0.00	24.45 1.29 0.00	30.43 1.77 0.00	33.57 1.79 0.00	32.16 1.57 0.00	36.25 1.74 0.00	45.88 2.42 0.00	50.17 2.80 0.00	53.36 3.05 0.00	53.50 3.28 0.00	82.51 4.90 0.00	99.47 5.92 0.00	93.74 5.18 0.00	296.63 17.47 0.00	969.83 67.52 0.00	91.34 6.00 0.00	226.42 4.58 -167.01	279.94 4.61 -220.20	49.51 3.61 0.00	48.63 3.44 0.00

IP___TICONDEROGA 23804	34.07 3.90 0.00	28.75 2.79 0.00	27.05 2.65 0.00	27.45 2.78 0.00	26.62 2.71 0.00	25.90 2.73 0.00	32.43 3.77 0.00	35.30 3.52 0.00	33.43 2.84 0.00	37.66 3.14 0.00	47.72 4.26 0.00	52.39 5.01 0.00	55.78 5.47 0.00	55.97 5.74 0.00	87.11 9.50 0.00	104.36 10.80 0.00	99.51 10.96 0.00	314.24 35.08 0.00	1018.46 116.15 0.00	95.57 10.22 0.00	227.83 7.41 -165.59	281.85 8.40 -218.32	52.90 7.00 0.00	52.15 6.95 0.00
ISLIP_RES_REC 323679	46.73 2.39 -14.17	32.03 2.04 -4.04	26.25 1.84 0.00	26.53 1.87 0.00	25.69 1.77 0.00	24.93 1.76 0.00	30.98 2.32 0.00	34.36 2.58 0.00	33.33 2.74 0.00	38.64 3.26 -0.86	47.61 4.15 0.00	51.69 4.32 0.00	54.42 4.35 0.23	54.41 4.52 0.33	84.36 6.75 0.00	102.43 8.07 -0.80	101.19 7.82 -4.82	297.36 18.19 0.00	947.74 45.43 0.00	92.66 5.50 -1.82	72.76 3.36 -14.58	78.09 3.36 -19.61	52.61 3.02 -3.69	59.52 3.36 -10.97
JAMAICA__27_KV_LOAD 355505	31.87 1.70 0.00	27.42 1.47 0.00	25.75 1.34 0.00	26.00 1.34 0.00	25.26 1.34 0.00	24.50 1.33 0.00	30.35 1.70 0.00	33.82 2.04 0.00	32.76 2.18 0.00	36.96 2.44 0.00	46.48 3.02 0.00	50.75 3.38 0.00	53.66 3.36 0.00	53.85 3.62 0.00	83.35 5.74 0.00	100.19 6.60 -0.04	94.64 6.08 0.00	297.09 17.92 0.00	951.30 48.99 0.00	89.29 3.95 0.00	71.86 2.46 -14.59	76.97 2.61 -19.23	47.99 2.09 0.00	47.47 2.27 0.00
JANIS___SOLAR 323808	31.95 1.78 0.00	27.39 1.44 0.00	25.61 1.20 0.00	25.76 1.11 0.00	25.01 1.10 0.00	24.37 1.20 0.00	30.29 1.64 0.00	33.59 1.81 0.00	32.35 1.76 0.00	36.48 1.97 0.00	46.18 2.43 -0.29	52.62 3.42 -1.81	54.65 3.44 -0.91	54.90 3.51 -1.16	86.67 4.40 -4.65	104.20 5.02 -5.63	97.86 4.83 -4.48	304.65 19.03 -6.46	979.82 69.89 -7.62	97.50 7.31 -4.84	69.23 4.85 -9.56	71.42 4.56 -11.73	51.21 3.31 -2.00	49.23 2.84 -1.19
JARVIS____ 23743	30.35 0.17 0.00	26.11 0.16 0.00	24.56 0.15 0.00	24.82 0.16 0.00	24.06 0.15 0.00	23.29 0.12 0.00	28.84 0.18 0.00	31.96 0.18 0.00	30.78 0.19 0.00	34.74 0.22 0.00	43.77 0.31 0.00	47.75 0.37 0.00	51.57 0.37 -0.89	50.67 0.44 0.00	78.18 0.57 0.00	94.13 0.57 0.00	89.06 0.50 0.00	280.82 1.66 0.00	907.57 5.26 0.00	85.78 0.43 0.00	55.15 0.33 0.00	55.49 0.36 0.00	46.19 0.29 0.00	45.45 0.25 0.00
JENNISON___1 23625	31.94 1.77 0.00	27.41 1.46 0.00	25.63 1.23 0.00	25.72 1.06 0.00	24.97 1.06 0.00	24.26 1.09 0.00	30.19 1.54 0.00	33.62 1.84 0.00	32.61 2.02 0.00	36.98 2.47 0.00	46.84 3.17 -0.20	52.65 3.99 -1.28	55.16 4.22 -0.64	55.51 4.47 -0.82	86.63 5.74 -3.28	104.38 6.86 -3.97	98.17 6.46 -3.16	306.16 22.45 -4.55	981.83 74.15 -5.37	95.83 7.08 -3.41	72.13 4.42 -12.88	75.44 3.94 -16.37	49.95 2.65 -1.41	48.43 2.40 -0.84
JENNISON___2 23626	31.94 1.77 0.00	27.41 1.46 0.00	25.63 1.23 0.00	25.72 1.06 0.00	24.97 1.06 0.00	24.26 1.09 0.00	30.19 1.54 0.00	33.62 1.84 0.00	32.61 2.02 0.00	36.98 2.47 0.00	46.84 3.17 -0.20	52.65 3.99 -1.28	55.16 4.22 -0.64	55.51 4.47 -0.82	86.63 5.74 -3.28	104.38 6.86 -3.97	98.17 6.46 -3.16	306.16 22.45 -4.55	981.83 74.15 -5.37	95.83 7.08 -3.41	72.13 4.42 -12.88	75.44 3.94 -16.37	49.95 2.65 -1.41	48.43 2.40 -0.84
JERICHO_RISE_WT_PWR 323719	29.65 -0.53 0.00	25.25 -0.70 0.00	23.87 -0.54 0.00	24.12 -0.54 0.00	23.46 -0.46 0.00	22.72 -0.45 0.00	28.00 -0.65 0.00	31.34 -0.44 0.00	30.18 -0.40 0.00	33.84 -0.68 0.00	42.26 -1.20 0.00	45.74 -1.63 0.00	30.88 -1.96 17.46	48.07 -2.16 0.00	75.06 -2.55 0.00	90.96 -2.60 0.00	86.30 -2.26 0.00	271.86 -7.31 0.00	882.58 -19.73 0.00	83.76 -1.59 0.00	53.66 -1.16 0.00	53.97 -1.17 0.00	44.95 -0.95 0.00	44.55 -0.64 0.00
KATONAH___115KV_46KV_TB4 355592	31.67 1.50 0.00	27.23 1.28 0.00	25.57 1.16 0.00	25.83 1.17 0.00	25.03 1.12 0.00	24.25 1.09 0.00	30.18 1.53 0.00	33.52 1.74 0.00	32.43 1.84 0.00	36.63 2.11 0.00	46.20 2.74 0.00	50.42 3.04 0.00	53.45 3.15 0.00	53.63 3.40 0.00	82.94 5.32 0.00	100.01 6.45 0.00	94.58 6.03 0.00	296.45 17.28 0.00	952.16 49.85 0.00	89.47 4.12 0.00	72.31 2.54 -14.94	77.37 2.54 -19.70	47.91 2.01 0.00	47.23 2.04 0.00
KCE_NY_1 323755	31.91 1.74 0.00	27.36 1.41 0.00	25.70 1.29 0.00	26.01 1.35 0.00	25.19 1.28 0.00	24.39 1.22 0.00	30.33 1.68 0.00	33.52 1.74 0.00	32.19 1.60 0.00	36.27 1.76 0.00	45.82 2.36 0.00	49.96 2.58 0.00	53.05 2.75 0.00	53.12 2.90 0.00	82.23 4.62 0.00	99.14 5.58 0.00	93.66 5.11 0.00	296.45 17.29 0.00	964.20 61.90 0.00	90.94 5.60 0.00	222.37 3.95 -163.59	274.81 4.00 -215.68	49.03 3.13 0.00	48.18 2.99 0.00
KCE_NY_6_ESR 323823	31.57 1.40 0.00	27.02 1.06 0.00	24.88 0.47 0.00	24.90 0.24 0.00	23.86 -0.05 0.00	23.26 0.09 0.00	28.98 0.33 0.00	32.11 0.33 0.00	31.64 1.05 0.00	36.60 2.08 0.00	46.25 2.79 0.00	51.02 3.64 0.00	54.90 4.60 0.00	55.58 5.36 0.00	82.61 5.00 0.00	97.66 4.10 0.00	92.16 3.60 0.00	291.43 12.26 0.00	935.90 33.59 0.00	88.67 3.33 0.00	57.02 2.20 0.00	57.30 2.17 0.00	47.29 1.39 0.00	46.11 0.91 0.00
KEDC_PORT_JEFF_GT2 24210	46.53 2.18 -14.17	31.86 1.86 -4.04	26.09 1.69 0.00	26.39 1.72 0.00	25.53 1.62 0.00	24.78 1.61 0.00	30.76 2.10 0.00	34.09 2.32 0.00	33.04 2.46 0.00	38.30 2.93 -0.86	47.16 3.70 0.00	51.18 3.80 0.00	53.78 3.74 0.27	53.71 3.87 0.38	83.33 5.72 0.00	101.24 6.66 -1.03	100.86 6.16 -6.14	292.88 13.71 0.00	933.44 31.13 0.00	91.11 3.95 -1.82	72.00 2.60 -14.58	77.42 2.68 -19.61	52.10 2.51 -3.69	59.10 2.94 -10.97
KEDC_PORT_JEFF_GT3 24211	46.53 2.18 -14.17	31.86 1.86 -4.04	26.09 1.69 0.00	26.39 1.72 0.00	25.53 1.62 0.00	24.78 1.61 0.00	30.76 2.10 0.00	34.09 2.32 0.00	33.04 2.46 0.00	38.30 2.93 -0.86	47.16 3.70 0.00	51.18 3.80 0.00	53.78 3.74 0.27	53.71 3.87 0.38	83.33 5.72 0.00	101.24 6.66 -1.03	100.86 6.16 -6.14	292.88 13.71 0.00	933.44 31.13 0.00	91.11 3.95 -1.82	72.00 2.60 -14.58	77.42 2.68 -19.61	52.10 2.51 -3.69	59.10 2.94 -10.97
KEDC_GLWD_GT4 24219	46.42 2.08 -14.17	31.74 1.75 -4.04	25.98 1.57 0.00	26.25 1.59 0.00	25.42 1.51 0.00	24.66 1.49 0.00	30.64 1.99 0.00	34.02 2.24 0.00	32.99 2.40 0.00	38.17 2.80 -0.86	47.01 3.55 0.00	51.24 3.86 0.00	54.08 3.78 0.00	53.96 3.72 -0.02	83.31 5.70 0.00	100.50 6.94 0.00	95.19 6.63 0.00	296.96 17.79 0.00	948.87 46.56 0.00	91.32 4.16 -1.82	71.99 2.59 -14.58	77.44 2.70 -19.61	52.24 2.66 -3.69	58.66 2.50 -10.97
KEDC_GLWD_GT5 24220	46.42 2.08 -14.17	31.74 1.75 -4.04	25.98 1.57 0.00	26.25 1.59 0.00	25.42 1.51 0.00	24.66 1.49 0.00	30.64 1.99 0.00	34.02 2.24 0.00	32.99 2.40 0.00	38.17 2.80 -0.86	47.01 3.55 0.00	51.24 3.86 0.00	54.08 3.78 0.00	53.96 3.72 -0.02	83.31 5.70 0.00	100.50 6.94 0.00	95.19 6.63 0.00	296.96 17.79 0.00	948.87 46.56 0.00	91.32 4.16 -1.82	71.99 2.59 -14.58	77.44 2.70 -19.61	52.24 2.66 -3.69	58.66 2.50 -10.97

KENSICO____ 23655	31.55 1.38 0.00	27.13 1.18 0.00	25.48 1.08 0.00	25.73 1.07 0.00	24.95 1.04 0.00	24.18 1.01 0.00	30.06 1.40 0.00	33.38 1.60 0.00	32.29 1.70 0.00	36.43 1.91 0.00	45.90 2.44 0.00	50.07 2.69 0.00	53.00 2.70 0.00	53.15 2.93 0.00	82.19 4.58 0.00	99.03 5.47 0.00	93.59 5.04 0.00	293.19 14.02 0.00	941.22 38.91 0.00	88.44 3.10 0.00	71.31 1.93 -14.55	76.33 2.02 -19.18	47.55 1.64 0.00	46.94 1.75 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	31.62 1.44 0.00	27.18 1.22 0.00	25.52 1.11 0.00	25.76 1.10 0.00	24.97 1.06 0.00	24.19 1.03 0.00	30.09 1.43 0.00	33.40 1.62 0.00	32.30 1.71 0.00	36.16 1.64 0.00	45.52 2.05 0.00	49.64 2.26 0.00	52.61 2.31 0.00	52.84 2.62 0.00	81.84 4.23 0.00	99.11 5.56 0.00	93.60 5.05 0.00	294.58 15.42 0.00	946.80 44.49 0.00	89.13 3.78 0.00	75.97 2.30 -18.84	82.67 2.70 -24.84	47.98 2.08 0.00	47.19 1.99 0.00
KIAC_JFK_GT1 23816	31.55 1.38 0.00	27.23 1.28 0.00	25.60 1.19 0.00	25.85 1.19 0.00	25.11 1.20 0.00	24.35 1.18 0.00	30.12 1.47 0.00	33.47 1.69 0.00	32.43 1.84 0.00	36.58 2.06 0.00	45.99 2.53 0.00	50.20 2.82 0.00	53.07 2.77 0.00	53.25 3.02 0.00	82.46 4.84 0.00	99.13 5.53 -0.04	93.60 5.04 0.00	293.71 14.54 0.00	940.93 38.62 0.00	88.31 2.96 0.00	71.22 1.81 -14.59	76.31 1.96 -19.23	47.47 1.56 0.00	46.97 1.77 0.00
KIAC_JFK_GT2 23817	31.55 1.38 0.00	27.23 1.28 0.00	25.60 1.19 0.00	25.85 1.19 0.00	25.11 1.20 0.00	24.35 1.18 0.00	30.12 1.47 0.00	33.47 1.69 0.00	32.43 1.84 0.00	36.58 2.06 0.00	45.99 2.53 0.00	50.20 2.82 0.00	53.07 2.77 0.00	53.25 3.02 0.00	82.46 4.84 0.00	99.13 5.53 -0.04	93.60 5.04 0.00	293.71 14.54 0.00	940.93 38.62 0.00	88.31 2.96 0.00	71.22 1.81 -14.59	76.31 1.96 -19.23	47.47 1.56 0.00	46.97 1.77 0.00
KIAC_JFK____ 323774	31.55 1.38 0.00	27.23 1.28 0.00	25.60 1.19 0.00	25.85 1.19 0.00	25.11 1.20 0.00	24.35 1.18 0.00	30.13 1.47 0.00	33.47 1.69 0.00	32.43 1.84 0.00	36.58 2.06 0.00	45.98 2.52 0.00	50.20 2.82 0.00	53.07 2.77 0.00	53.24 3.02 0.00	82.45 4.84 0.00	99.12 5.53 -0.04	93.59 5.04 0.00	293.72 14.55 0.00	941.04 38.73 0.00	88.30 2.96 0.00	71.23 1.83 -14.59	76.32 1.96 -19.23	47.45 1.55 0.00	46.97 1.77 0.00
KINTIGH____ 23543	30.85 0.68 0.00	26.47 0.52 0.00	24.45 0.04 0.00	24.49 -0.17 0.00	23.50 -0.41 0.00	22.86 -0.31 0.00	28.43 -0.22 0.00	31.47 -0.31 0.00	30.85 0.27 0.00	35.58 1.06 0.00	44.93 1.47 0.00	49.29 1.91 0.00	52.94 2.64 0.00	53.48 3.26 0.00	79.55 1.94 0.00	94.21 0.65 0.00	89.00 0.45 0.00	280.85 1.69 0.00	905.34 3.03 0.00	85.94 0.59 0.00	55.24 0.42 0.00	55.47 0.34 0.00	45.99 0.09 0.00	44.96 -0.23 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	30.37 0.19 0.00	25.68 -0.28 0.00	24.40 0.00 0.00	24.60 -0.06 0.00	23.88 -0.03 0.00	23.06 -0.10 0.00	28.41 -0.24 0.00	31.87 0.10 0.00	30.75 0.16 0.00	34.48 -0.03 0.00	42.84 -0.62 0.00	45.99 -1.39 0.00	30.71 -1.90 17.69	48.11 -2.11 0.00	75.36 -2.26 0.00	91.00 -2.56 0.00	86.60 -1.96 0.00	273.89 -5.28 0.00	887.14 -15.17 0.00	84.31 -1.04 0.00	54.14 -0.68 0.00	54.55 -0.58 0.00	45.43 -0.47 0.00	45.20 0.00 0.00
LACHUTE____HYDRO 323717	34.07 3.90 0.00	28.75 2.79 0.00	27.06 2.65 0.00	27.45 2.78 0.00	26.62 2.71 0.00	25.90 2.73 0.00	32.43 3.77 0.00	35.30 3.52 0.00	33.43 2.84 0.00	37.66 3.14 0.00	47.72 4.26 0.00	52.38 5.01 0.00	55.78 5.47 0.00	55.96 5.74 0.00	87.11 9.50 0.00	104.36 10.80 0.00	99.51 10.96 0.00	314.24 35.07 0.00	1018.44 116.13 0.00	95.56 10.22 0.00	227.83 7.41 -165.59	281.85 8.40 -218.32	52.90 6.99 0.00	52.15 6.95 0.00
LAWRNCV_115KV_TB1 80681	29.52 -0.65 0.00	25.25 -0.70 0.00	23.80 -0.61 0.00	24.01 -0.65 0.00	23.31 -0.60 0.00	22.79 -0.38 0.00	28.22 -0.44 0.00	31.40 -0.37 0.00	29.83 -0.76 0.00	33.40 -1.11 0.00	41.53 -1.93 0.00	44.82 -2.56 0.00	32.64 -2.88 14.78	47.18 -3.05 0.00	73.80 -3.81 0.00	90.64 -2.92 0.00	85.91 -2.65 0.00	271.27 -7.89 0.00	879.44 -22.87 0.00	83.76 -1.58 0.00	53.82 -1.00 0.00	54.36 -0.77 0.00	45.08 -0.82 0.00	44.58 -0.62 0.00
LEDERLE____ 23769	31.52 1.34 0.00	27.11 1.16 0.00	25.47 1.06 0.00	25.73 1.06 0.00	24.94 1.02 0.00	24.16 0.99 0.00	30.01 1.36 0.00	33.30 1.52 0.00	32.22 1.63 0.00	36.37 1.86 0.00	45.88 2.41 0.00	50.12 2.75 0.00	53.08 2.78 0.00	53.34 3.12 0.00	82.55 4.93 0.00	99.44 5.88 0.00	93.89 5.34 0.00	294.23 15.07 0.00	943.60 41.29 0.00	88.58 3.24 0.00	70.63 1.98 -13.82	75.47 2.11 -18.22	47.57 1.68 0.00	46.91 1.72 0.00
LIGHTHSE_115KV_TB6 355974	30.13 -0.04 0.00	25.98 0.03 0.00	24.34 -0.07 0.00	24.52 -0.14 0.00	23.71 -0.21 0.00	23.29 0.12 0.00	28.91 0.26 0.00	32.17 0.40 0.00	30.91 0.32 0.00	34.89 0.37 0.00	44.72 0.45 -0.81	52.87 0.37 -5.12	51.95 0.38 -1.26	54.16 0.66 -3.28	91.66 0.93 -13.11	109.84 0.43 -15.86	101.30 0.11 -12.63	298.65 1.30 -18.19	930.64 6.86 -21.47	100.21 1.22 -13.65	63.79 1.06 -7.91	64.46 1.38 -7.95	52.41 0.87 -5.64	49.00 0.44 -3.36
LINDEN COGEN____ 23786	31.51 1.34 0.00	27.09 1.13 0.00	25.44 1.03 0.00	25.68 1.01 0.00	24.90 0.99 0.00	24.14 0.97 0.00	30.01 1.36 0.00	33.38 1.61 0.00	32.33 1.74 0.00	36.50 1.98 0.00	45.95 2.49 0.00	50.04 2.67 0.00	51.03 2.61 1.89	53.06 2.84 0.00	82.10 4.48 0.00	94.99 5.21 3.78	81.01 4.72 12.27	182.98 12.77 108.96	847.16 33.85 88.99	85.84 2.63 2.14	70.17 1.64 -13.71	75.79 1.69 -18.97	46.41 1.37 0.85	46.56 1.51 0.14
LINDHRST_69_KV_BK1 356055	46.70 2.36 -14.17	31.98 1.99 -4.04	26.20 1.79 0.00	26.48 1.82 0.00	25.62 1.71 0.00	24.86 1.69 0.00	30.88 2.23 0.00	34.25 2.47 0.00	33.20 2.61 0.00	38.42 3.05 -0.85	47.26 3.80 0.00	51.32 3.94 0.00	54.17 3.96 0.09	54.23 4.12 0.12	83.83 6.22 0.00	101.06 7.48 -0.03	96.13 7.20 -0.37	298.20 19.03 0.00	952.37 50.06 0.00	92.16 5.00 -1.82	72.52 3.12 -14.58	77.96 3.22 -19.61	52.51 2.93 -3.69	59.33 3.16 -10.97
LIPA_MISC_IPP 23656	46.49 2.14 -14.17	31.83 1.83 -4.04	26.06 1.65 0.00	26.36 1.70 0.00	25.51 1.60 0.00	24.75 1.59 0.00	30.75 2.10 0.00	34.09 2.31 0.00	33.04 2.45 0.00	38.27 2.90 -0.85	47.10 3.64 0.00	51.03 3.66 0.00	53.80 3.70 0.19	53.85 3.89 0.27	83.41 5.80 0.00	101.32 7.05 -0.72	99.76 6.84 -4.37	294.52 15.35 0.00	938.85 36.55 0.00	91.76 4.60 -1.82	72.20 2.79 -14.58	77.53 2.79 -19.61	52.15 2.57 -3.69	59.10 2.94 -10.97
LISF____SOLAR 323691	46.55 2.21 -14.17	31.88 1.89 -4.04	26.10 1.70 0.00	26.40 1.74 0.00	25.56 1.64 0.00	24.80 1.63 0.00	30.82 2.16 0.00	34.16 2.39 0.00	33.10 2.51 0.00	38.35 2.98 -0.86	47.17 3.71 0.00	51.13 3.76 0.00	53.90 3.80 0.20	53.93 3.99 0.29	83.58 5.97 0.00	101.53 7.22 -0.75	100.23 7.09 -4.58	295.48 16.31 0.00	942.02 39.71 0.00	92.10 4.94 -1.82	72.41 3.01 -14.58	77.73 2.99 -19.61	52.31 2.73 -3.69	59.24 3.08 -10.97

LITTLE FALLS___HYD 24013	30.85 0.67 0.00	26.50 0.54 0.00	24.91 0.50 0.00	25.21 0.54 0.00	24.46 0.55 0.00	23.63 0.46 0.00	29.21 0.55 0.00	32.24 0.47 0.00	30.84 0.25 0.00	34.83 0.31 0.00	43.78 0.31 0.00	47.87 0.49 0.00	51.70 0.50 -0.89	50.93 0.70 0.00	79.08 1.46 0.00	95.26 1.70 0.00	89.69 1.14 0.00	284.70 5.54 0.00	928.12 25.81 0.00	87.74 2.40 0.00	56.85 2.03 0.00	57.04 1.92 0.00	47.41 1.51 0.00	46.49 1.30 0.00
LITTLRIV_115KV_TB1 356100	29.97 -0.20 0.00	25.62 -0.33 0.00	24.13 -0.28 0.00	24.34 -0.33 0.00	23.66 -0.25 0.00	23.15 -0.02 0.00	28.70 0.04 0.00	31.95 0.17 0.00	30.39 -0.20 0.00	33.97 -0.55 0.00	42.02 -1.55 -0.10	45.87 -2.14 -0.64	33.76 -2.40 14.14	48.04 -2.60 -0.41	76.26 -2.98 -1.63	93.73 -1.80 -1.98	88.29 -1.83 -1.57	276.50 -4.92 -2.26	892.97 -11.95 -2.61	86.90 -0.11 -1.66	55.85 0.06 -0.96	56.40 0.31 -0.97	46.62 0.03 -0.69	45.75 0.14 -0.41
LI_NEWBRDGE___DRP 323616	46.09 1.75 -14.17	31.48 1.48 -4.04	25.75 1.34 0.00	26.03 1.36 0.00	25.20 1.29 0.00	24.43 1.26 0.00	30.35 1.70 0.00	33.65 1.87 0.00	32.59 2.00 0.00	37.69 2.32 -0.85	46.37 2.90 0.00	50.43 3.06 0.00	53.31 3.01 0.00	53.41 3.17 -0.02	82.39 4.78 0.00	99.29 5.79 0.07	94.03 5.48 0.00	293.25 14.08 0.00	937.79 35.49 0.00	90.47 3.31 -1.82	71.50 2.09 -14.58	76.94 2.20 -19.61	51.61 2.03 -3.69	58.41 2.25 -10.97
LOCKPORT_115KV_TB60_63_64 80432	31.37 1.20 0.00	26.87 0.92 0.00	24.69 0.29 0.00	24.68 0.02 0.00	23.63 -0.29 0.00	23.00 -0.18 0.00	28.57 -0.08 0.00	31.56 -0.21 0.00	31.01 0.42 0.00	35.87 1.36 0.00	45.29 1.83 0.00	49.63 2.26 0.00	53.47 3.17 0.00	54.19 3.97 0.00	80.19 2.58 0.00	94.58 1.02 0.00	89.17 0.62 0.00	281.32 2.16 0.00	907.27 4.97 0.00	86.51 1.17 0.00	55.68 0.86 0.00	56.00 0.87 0.00	46.24 0.34 0.00	45.16 -0.04 0.00
LOCKPORT___CC1 323769	31.31 1.14 0.00	26.82 0.87 0.00	24.66 0.25 0.00	24.64 -0.02 0.00	23.59 -0.32 0.00	22.95 -0.22 0.00	28.50 -0.16 0.00	31.46 -0.32 0.00	30.87 0.28 0.00	35.71 1.19 0.00	45.12 1.65 0.00	49.45 2.07 0.00	53.26 2.96 0.00	53.97 3.75 0.00	79.82 2.21 0.00	94.12 0.56 0.00	88.77 0.22 0.00	279.97 0.81 0.00	902.81 0.50 0.00	86.05 0.70 0.00	55.36 0.53 0.00	55.67 0.54 0.00	46.02 0.12 0.00	44.94 -0.25 0.00
LOCKPORT___CC2 323770	31.31 1.14 0.00	26.82 0.87 0.00	24.66 0.25 0.00	24.64 -0.02 0.00	23.59 -0.32 0.00	22.95 -0.22 0.00	28.50 -0.16 0.00	31.46 -0.32 0.00	30.87 0.28 0.00	35.71 1.19 0.00	45.12 1.65 0.00	49.45 2.07 0.00	53.26 2.96 0.00	53.97 3.75 0.00	79.82 2.21 0.00	94.12 0.56 0.00	88.77 0.22 0.00	279.97 0.81 0.00	902.81 0.50 0.00	86.05 0.70 0.00	55.36 0.53 0.00	55.67 0.54 0.00	46.02 0.12 0.00	44.94 -0.25 0.00
LOCKPORT___CC3 323771	31.31 1.14 0.00	26.82 0.87 0.00	24.66 0.25 0.00	24.64 -0.02 0.00	23.59 -0.32 0.00	22.95 -0.22 0.00	28.50 -0.16 0.00	31.46 -0.32 0.00	30.87 0.28 0.00	35.71 1.19 0.00	45.12 1.65 0.00	49.45 2.07 0.00	53.26 2.96 0.00	53.97 3.75 0.00	79.82 2.21 0.00	94.12 0.56 0.00	88.77 0.22 0.00	279.97 0.81 0.00	902.81 0.50 0.00	86.05 0.70 0.00	55.36 0.53 0.00	55.67 0.54 0.00	46.02 0.12 0.00	44.94 -0.25 0.00
LONG_LAKE_PHOENIX 24014	30.02 -0.15 0.00	25.85 -0.10 0.00	24.23 -0.17 0.00	24.45 -0.21 0.00	23.67 -0.24 0.00	22.98 -0.19 0.00	28.43 -0.22 0.00	31.47 -0.31 0.00	30.39 -0.19 0.00	34.43 -0.08 0.00	44.58 -0.02 -1.14	54.70 0.13 -7.19	54.05 0.16 -3.58	55.15 0.32 -4.61	96.15 0.11 -18.43	115.67 -0.18 -22.29	106.00 -0.30 -17.75	304.36 -0.37 -25.56	931.30 -1.18 -30.17	104.62 0.09 -19.18	66.06 0.12 -11.11	66.44 0.13 -11.18	53.80 -0.02 -7.92	49.62 -0.30 -4.72
LOVETT___3 23632	31.31 1.14 0.00	26.95 1.00 0.00	25.33 0.93 0.00	25.59 0.92 0.00	24.81 0.90 0.00	24.03 0.86 0.00	29.84 1.18 0.00	33.08 1.30 0.00	31.96 1.37 0.00	36.07 1.55 0.00	45.47 2.00 0.00	49.64 2.26 0.00	52.54 2.24 0.00	52.77 2.54 0.00	81.64 4.03 0.00	98.35 4.80 0.00	92.87 4.32 0.00	291.07 11.91 0.00	934.14 31.83 0.00	87.70 2.36 0.00	70.16 1.44 -13.89	75.03 1.58 -18.32	47.16 1.26 0.00	46.54 1.35 0.00
LOVETT___4 23642	31.31 1.14 0.00	26.95 1.00 0.00	25.33 0.93 0.00	25.59 0.92 0.00	24.81 0.90 0.00	24.03 0.86 0.00	29.84 1.18 0.00	33.08 1.30 0.00	31.96 1.37 0.00	36.07 1.55 0.00	45.47 2.00 0.00	49.64 2.26 0.00	52.54 2.24 0.00	52.77 2.54 0.00	81.64 4.03 0.00	98.35 4.80 0.00	92.87 4.32 0.00	291.07 11.91 0.00	934.14 31.83 0.00	87.70 2.36 0.00	70.16 1.44 -13.89	75.03 1.58 -18.32	47.16 1.26 0.00	46.54 1.35 0.00
LOVETT___5 23593	31.31 1.14 0.00	26.95 1.00 0.00	25.33 0.93 0.00	25.59 0.92 0.00	24.81 0.90 0.00	24.03 0.86 0.00	29.84 1.18 0.00	33.08 1.30 0.00	31.96 1.37 0.00	36.07 1.55 0.00	45.47 2.00 0.00	49.64 2.26 0.00	52.54 2.24 0.00	52.77 2.54 0.00	81.64 4.03 0.00	98.35 4.80 0.00	92.87 4.32 0.00	291.07 11.91 0.00	934.14 31.83 0.00	87.70 2.36 0.00	70.16 1.44 -13.89	75.03 1.58 -18.32	47.16 1.26 0.00	46.54 1.35 0.00
LOWER RAQUET___HYD 24057	29.54 -0.63 0.00	25.26 -0.69 0.00	23.81 -0.59 0.00	24.02 -0.64 0.00	23.31 -0.60 0.00	22.81 -0.36 0.00	28.26 -0.39 0.00	31.44 -0.34 0.00	29.81 -0.78 0.00	33.36 -1.16 0.00	41.55 -2.02 -0.11	45.32 -2.74 -0.68	33.41 -3.08 13.82	47.43 -3.23 -0.44	75.30 -4.06 -1.74	92.41 -3.25 -2.11	87.23 -3.00 -1.68	272.72 -8.85 -2.40	879.54 -25.55 -2.79	85.35 -1.77 -1.77	54.75 -1.10 -1.03	55.39 -0.77 -1.03	45.88 -0.75 -0.73	45.08 -0.55 -0.44
LOWER___HUDSON 24059	31.34 1.17 0.00	26.95 0.99 0.00	25.34 0.93 0.00	25.66 0.99 0.00	24.87 0.95 0.00	24.03 0.86 0.00	29.84 1.19 0.00	32.93 1.15 0.00	31.62 1.03 0.00	35.53 1.02 0.00	44.87 1.40 0.00	48.84 1.47 0.00	51.79 1.49 0.00	51.79 1.56 0.00	80.08 2.47 0.00	96.55 2.99 0.00	91.38 2.82 0.00	288.78 9.62 0.00	939.17 36.86 0.00	88.51 3.16 0.00	195.73 2.32 -138.58	240.20 2.36 -182.71	47.76 1.86 0.00	47.11 1.92 0.00
LOWVILLE_115KV_TB2 356335	30.15 -0.02 0.00	26.02 0.07 0.00	24.46 0.05 0.00	24.59 -0.07 0.00	23.66 -0.25 0.00	23.64 0.47 0.00	29.66 1.00 0.00	33.32 1.55 0.00	31.79 1.20 0.00	35.75 1.24 0.00	44.88 1.18 -0.24	49.41 0.50 -1.53	48.12 0.51 2.70	52.22 1.02 -0.98	83.38 1.84 -3.93	100.40 2.09 -4.75	94.32 1.98 -3.78	292.97 8.36 -5.45	940.90 32.16 -6.43	93.23 3.80 -4.09	60.06 2.87 -2.37	60.65 3.14 -2.38	49.59 2.00 -1.69	47.73 1.53 -1.01
LUTHERFT_115KV_GLOB_FND_222 355753	31.89 1.72 0.00	27.36 1.41 0.00	25.71 1.30 0.00	26.02 1.35 0.00	25.21 1.29 0.00	24.39 1.22 0.00	30.31 1.66 0.00	33.48 1.71 0.00	32.15 1.56 0.00	36.22 1.71 0.00	45.74 2.28 0.00	49.91 2.53 0.00	52.98 2.67 0.00	53.06 2.84 0.00	82.04 4.43 0.00	98.92 5.36 0.00	93.55 4.99 0.00	295.85 16.69 0.00	962.42 60.11 0.00	90.79 5.44 0.00	222.28 3.86 -163.59	274.71 3.90 -215.68	48.95 3.05 0.00	48.15 2.95 0.00

LUTHERNY_35_KV_BK2 355980	31.91 1.74 0.00	27.36 1.41 0.00	25.70 1.30 0.00	26.02 1.35 0.00	25.20 1.28 0.00	24.39 1.23 0.00	30.33 1.68 0.00	33.52 1.74 0.00	32.19 1.60 0.00	36.28 1.76 0.00	45.82 2.36 0.00	49.96 2.58 0.00	53.05 2.75 0.00	53.12 2.90 0.00	82.23 4.61 0.00	99.14 5.58 0.00	93.66 5.11 0.00	296.45 17.28 0.00	964.22 61.91 0.00	90.94 5.60 0.00	222.37 3.95 -163.59	274.81 3.99 -215.68	49.03 3.13 0.00	48.18 2.99 0.00
LWR___OSWEGATCHIE_HYD 23850	29.91 -0.27 0.00	25.70 -0.25 0.00	24.17 -0.23 0.00	24.34 -0.32 0.00	23.53 -0.39 0.00	23.28 0.11 0.00	29.02 0.37 0.00	32.43 0.66 0.00	30.82 0.23 0.00	34.57 0.05 0.00	43.29 -0.39 -0.21	47.64 -1.06 -1.33	40.29 -1.29 8.72	49.94 -1.14 -0.85	79.88 -1.13 -3.40	96.92 -0.75 -4.11	91.15 -0.68 -3.28	283.12 -0.76 -4.71	909.92 2.08 -5.53	89.85 0.99 -3.51	57.80 0.94 -2.04	58.45 1.27 -2.05	48.12 0.77 -1.45	46.66 0.60 -0.87
LYONS_FALL_HYD 23570	30.53 0.36 0.00	26.30 0.35 0.00	24.70 0.30 0.00	24.89 0.23 0.00	24.00 0.09 0.00	23.73 0.56 0.00	29.63 0.97 0.00	33.14 1.36 0.00	31.73 1.15 0.00	35.73 1.21 0.00	44.98 1.34 -0.18	49.51 1.02 -1.12	49.97 1.06 1.39	52.34 1.40 -0.72	82.73 2.25 -2.87	99.61 2.59 -3.47	93.84 2.53 -2.76	292.52 9.38 -3.97	941.16 34.16 -4.69	92.05 3.72 -2.98	59.25 2.70 -1.73	59.72 2.85 -1.74	49.12 1.99 -1.23	47.51 1.58 -0.73
MADISON___COUNTY_LFGE 323628	31.30 1.13 0.00	26.87 0.92 0.00	25.21 0.80 0.00	25.44 0.78 0.00	24.64 0.72 0.00	23.98 0.82 0.00	29.80 1.14 0.00	33.10 1.32 0.00	31.87 1.28 0.00	36.00 1.48 0.00	45.51 1.86 -0.18	50.64 2.08 -1.18	52.98 2.09 -0.58	53.17 2.19 -0.75	83.80 3.18 -3.01	100.89 3.70 -3.64	95.00 3.54 -2.90	295.31 11.97 -4.18	947.82 40.57 -4.94	92.50 4.01 -3.14	59.37 2.73 -1.82	59.75 2.80 -1.83	49.60 2.40 -1.30	48.02 2.05 -0.77
MALONE___115KV_TB1 356076	29.96 -0.21 0.00	25.54 -0.41 0.00	24.10 -0.31 0.00	24.33 -0.33 0.00	23.65 -0.26 0.00	22.98 -0.19 0.00	28.40 -0.25 0.00	31.77 -0.01 0.00	30.51 -0.08 0.00	34.18 -0.34 0.00	42.69 -0.78 0.00	46.11 -1.27 0.00	32.08 -1.60 16.63	48.50 -1.73 0.00	75.79 -1.83 0.00	92.00 -1.56 0.00	87.39 -1.16 0.00	275.38 -3.78 0.00	893.78 -8.52 0.00	85.01 -0.34 0.00	54.54 -0.29 0.00	55.09 -0.04 0.00	45.73 -0.17 0.00	45.20 0.01 0.00
MAPLEWOD_115KV_TB3 80458	31.23 1.06 0.00	26.87 0.92 0.00	25.29 0.88 0.00	25.60 0.94 0.00	24.81 0.90 0.00	23.94 0.78 0.00	29.71 1.06 0.00	32.83 1.06 0.00	31.57 0.98 0.00	35.52 1.00 0.00	44.86 1.40 0.00	48.89 1.52 0.00	51.87 1.57 0.00	51.88 1.65 0.00	80.18 2.56 0.00	96.70 3.14 0.00	91.53 2.98 0.00	289.06 9.89 0.00	937.58 35.27 0.00	88.42 3.07 0.00	167.26 2.16 -110.28	202.76 2.23 -145.40	47.62 1.72 0.00	46.92 1.73 0.00
MAPLE_RIDGE_WT_1 323574	28.96 -1.21 0.00	24.76 -1.19 0.00	23.33 -1.07 0.00	23.69 -0.97 0.00	22.92 -0.99 0.00	22.35 -0.82 0.00	27.97 -0.69 0.00	31.46 -0.32 0.00	30.11 -0.47 0.00	33.69 -0.83 0.00	42.36 -1.10 0.00	45.68 -1.69 0.00	21.12 -1.57 27.61	48.66 -1.57 0.00	75.69 -1.92 0.00	91.47 -2.08 0.00	86.79 -1.76 0.00	273.93 -5.23 0.00	893.44 -8.87 0.00	84.58 -0.76 0.00	54.31 -0.51 0.00	54.53 -0.60 0.00	45.21 -0.69 0.00	44.59 -0.61 0.00
MAPLE_RIDGE_WT_2 323611	28.96 -1.21 0.00	24.76 -1.19 0.00	23.33 -1.07 0.00	23.69 -0.97 0.00	22.92 -0.99 0.00	22.35 -0.82 0.00	27.97 -0.69 0.00	31.46 -0.32 0.00	30.11 -0.47 0.00	33.69 -0.83 0.00	42.36 -1.10 0.00	45.68 -1.69 0.00	21.12 -1.57 27.61	48.66 -1.57 0.00	75.69 -1.92 0.00	91.47 -2.08 0.00	86.79 -1.76 0.00	273.93 -5.23 0.00	893.44 -8.87 0.00	84.58 -0.76 0.00	54.31 -0.51 0.00	54.53 -0.60 0.00	45.21 -0.69 0.00	44.59 -0.61 0.00
MARBLE_RIVER_WT_PWR 323696	29.81 -0.36 0.00	25.34 -0.61 0.00	24.01 -0.39 0.00	24.24 -0.42 0.00	23.56 -0.35 0.00	22.80 -0.37 0.00	28.08 -0.58 0.00	31.44 -0.33 0.00	30.32 -0.27 0.00	34.01 -0.51 0.00	42.42 -1.05 0.00	45.80 -1.57 0.00	30.50 -1.99 17.81	48.06 -2.16 0.00	75.09 -2.53 0.00	90.89 -2.67 0.00	86.26 -2.29 0.00	272.07 -7.10 0.00	881.96 -20.35 0.00	83.72 -1.63 0.00	53.68 -1.14 0.00	53.98 -1.16 0.00	44.98 -0.92 0.00	44.66 -0.54 0.00
MARSHVLE_115KV_TB1 80742	32.37 2.21 0.00	27.80 1.85 0.00	26.06 1.65 0.00	26.22 1.56 0.00	25.43 1.52 0.00	24.73 1.56 0.00	30.67 2.02 0.00	33.94 2.16 0.00	32.59 2.00 0.00	36.83 2.32 0.00	46.37 2.91 0.00	50.59 3.21 0.00	53.67 3.37 0.00	53.98 3.75 0.00	83.64 6.03 0.00	100.33 6.77 0.00	95.07 6.51 0.00	300.61 21.44 0.00	972.07 69.76 0.00	92.73 7.38 0.00	191.75 4.82 -132.11	234.17 4.86 -174.18	49.84 3.94 0.00	48.75 3.56 0.00
MARSH_HILL_WT_PWR 323713	30.13 -0.05 0.00	25.64 -0.31 0.00	23.89 -0.52 0.00	23.97 -0.69 0.00	23.33 -0.58 0.00	22.92 -0.25 0.00	28.64 -0.02 0.00	31.82 0.05 0.00	31.37 0.78 0.00	36.59 2.07 0.00	46.42 2.83 -0.13	51.89 3.69 -0.83	54.74 4.02 -0.41	55.29 4.54 -0.53	84.50 4.77 -2.12	100.40 4.28 -2.56	94.12 3.53 -2.04	295.92 13.81 -2.94	948.33 42.55 -3.47	91.33 3.78 -2.21	58.55 2.45 -1.28	58.40 1.98 -1.29	47.88 1.07 -0.91	46.95 1.21 -0.54
MCINTYRE_115KV_TB2 80467	30.15 -0.02 0.00	25.79 -0.17 0.00	24.26 -0.14 0.00	24.48 -0.18 0.00	23.82 -0.09 0.00	23.28 0.12 0.00	28.85 0.20 0.00	32.13 0.35 0.00	30.66 0.07 0.00	34.21 -0.31 0.00	42.04 -1.42 0.00	45.47 -1.91 0.00	33.23 -2.12 14.95	47.87 -2.36 0.00	75.07 -2.54 0.00	92.30 -1.25 0.00	87.18 -1.38 0.00	275.70 -3.46 0.00	894.95 -7.35 0.00	85.98 0.63 0.00	55.44 0.62 0.00	55.92 0.79 0.00	46.24 0.34 0.00	45.59 0.40 0.00
MECO_____69_KV_BK1 80468	33.32 3.15 0.00	28.61 2.65 0.00	26.80 2.40 0.00	27.07 2.41 0.00	26.33 2.41 0.00	25.52 2.35 0.00	31.36 2.71 0.00	33.61 1.83 0.00	32.07 1.48 0.00	36.23 1.72 0.00	44.72 1.25 0.00	49.40 2.02 0.00	51.84 1.54 0.00	52.32 2.10 0.00	82.27 4.66 0.00	99.52 5.96 0.00	94.47 5.92 0.00	302.89 23.73 0.00	1017.99 115.68 0.00	98.21 12.87 0.00	212.37 8.53 -149.02	259.76 8.15 -196.47	52.26 6.36 0.00	50.71 5.51 0.00
MENANDS___115KV_TB5 355628	30.97 0.80 0.00	26.66 0.71 0.00	25.10 0.70 0.00	25.44 0.78 0.00	24.65 0.74 0.00	23.79 0.62 0.00	29.50 0.85 0.00	32.59 0.82 0.00	31.33 0.74 0.00	35.23 0.72 0.00	44.51 1.05 0.00	48.49 1.11 0.00	51.41 1.10 0.00	51.38 1.15 0.00	79.39 1.78 0.00	95.71 2.15 0.00	90.59 2.04 0.00	285.83 6.66 0.00	926.53 24.22 0.00	87.34 1.99 0.00	162.07 1.45 -105.79	196.17 1.56 -139.48	47.10 1.20 0.00	46.44 1.24 0.00
MG INDUSTRY___DRP 24185	30.98 0.81 0.00	26.69 0.73 0.00	25.14 0.73 0.00	25.48 0.81 0.00	24.69 0.77 0.00	23.81 0.65 0.00	29.46 0.81 0.00	32.44 0.66 0.00	30.69 0.10 0.00	34.62 0.10 0.00	44.13 0.66 0.00	48.05 0.68 0.00	50.89 0.59 0.00	50.80 0.58 0.00	78.26 0.64 0.00	94.33 0.77 0.00	89.51 0.96 0.00	282.25 3.09 0.00	915.57 13.26 0.00	86.66 1.32 0.00	120.82 1.14 -64.86	141.96 1.31 -85.52	46.91 1.01 0.00	46.22 1.03 0.00

MID___OSWEGATCHIE_HYD 23849	29.91 -0.27 0.00	25.70 -0.25 0.00	24.17 -0.23 0.00	24.34 -0.32 0.00	23.53 -0.39 0.00	23.28 0.11 0.00	29.02 0.37 0.00	32.43 0.66 0.00	30.82 0.23 0.00	34.57 0.05 0.00	43.29 -0.39 -0.21	47.64 -1.06 -1.33	40.29 -1.29 8.72	49.94 -1.14 -0.85	79.88 -1.13 -3.40	96.92 -0.75 -4.11	91.15 -0.68 -3.28	283.12 -0.76 -4.71	909.92 2.08 -5.53	89.85 0.99 -3.51	57.80 0.94 -2.04	58.45 1.27 -2.05	48.12 0.77 -1.45	46.66 0.60 -0.87
MID___RAQUETTE_HYD 23851	29.54 -0.63 0.00	25.26 -0.69 0.00	23.81 -0.59 0.00	24.02 -0.64 0.00	23.31 -0.60 0.00	22.81 -0.36 0.00	28.26 -0.39 0.00	31.44 -0.34 0.00	29.81 -0.78 0.00	33.36 -1.16 0.00	41.55 -2.02 -0.11	45.32 -2.74 -0.68	33.41 -3.08 13.82	47.43 -3.23 -0.44	75.30 -4.05 -1.74	92.41 -3.25 -2.11	87.23 -3.00 -1.68	272.72 -8.85 -2.40	879.48 -25.62 -2.79	85.35 -1.77 -1.77	54.75 -1.10 -1.03	55.39 -0.78 -1.03	45.88 -0.75 -0.73	45.08 -0.55 -0.44
MILLIKEN___1 23584	31.18 1.01 0.00	26.77 0.82 0.00	25.04 0.63 0.00	25.26 0.60 0.00	24.45 0.54 0.00	23.75 0.58 0.00	29.47 0.81 0.00	32.70 0.93 0.00	31.63 1.04 0.00	35.82 1.30 0.00	45.66 1.81 -0.39	52.15 2.33 -2.44	53.81 2.29 -1.22	54.30 2.51 -1.57	86.97 3.10 -6.26	104.42 3.29 -7.57	97.61 3.02 -6.03	299.25 11.40 -8.68	950.72 38.16 -10.25	95.81 3.95 -6.52	61.26 2.66 -3.78	61.49 2.56 -3.80	50.43 1.84 -2.69	48.36 1.56 -1.61
MILLIKEN___2 23585	31.18 1.01 0.00	26.77 0.82 0.00	25.04 0.63 0.00	25.26 0.60 0.00	24.45 0.54 0.00	23.75 0.58 0.00	29.47 0.81 0.00	32.70 0.93 0.00	31.63 1.04 0.00	35.82 1.30 0.00	45.66 1.81 -0.39	52.15 2.33 -2.44	53.81 2.29 -1.22	54.30 2.51 -1.57	86.97 3.10 -6.26	104.42 3.29 -7.57	97.61 3.02 -6.03	299.25 11.40 -8.68	950.72 38.16 -10.25	95.81 3.95 -6.52	61.26 2.66 -3.78	61.49 2.56 -3.80	50.43 1.84 -2.69	48.36 1.56 -1.61
MILLIKEN___DIESEL 23629	31.18 1.01 0.00	26.77 0.82 0.00	25.04 0.63 0.00	25.26 0.60 0.00	24.45 0.54 0.00	23.75 0.58 0.00	29.47 0.81 0.00	32.70 0.93 0.00	31.63 1.04 0.00	35.82 1.30 0.00	45.66 1.81 -0.39	52.15 2.33 -2.44	53.81 2.29 -1.22	54.30 2.51 -1.57	86.97 3.10 -6.26	104.42 3.29 -7.57	97.61 3.02 -6.03	299.25 11.40 -8.68	950.72 38.16 -10.25	95.81 3.95 -6.52	61.26 2.66 -3.78	61.49 2.56 -3.80	50.43 1.84 -2.69	48.36 1.56 -1.61
MILLSEAT___LFGE 323607	31.95 1.78 0.00	27.34 1.38 0.00	25.16 0.75 0.00	25.16 0.49 0.00	24.12 0.21 0.00	23.48 0.32 0.00	29.22 0.57 0.00	32.37 0.60 0.00	31.78 1.20 0.00	36.79 2.27 0.00	46.33 2.86 0.00	50.38 3.00 0.00	53.87 3.57 0.00	54.65 4.42 0.00	81.30 3.69 0.00	96.29 2.73 0.00	90.88 2.32 0.00	287.78 8.61 0.00	931.01 28.71 0.00	88.74 3.40 0.00	57.03 2.21 0.00	57.41 2.28 0.00	47.69 1.79 0.00	46.43 1.23 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	31.48 1.31 0.00	27.07 1.12 0.00	25.43 1.03 0.00	25.69 1.02 0.00	24.91 0.99 0.00	24.13 0.96 0.00	29.99 1.34 0.00	33.29 1.52 0.00	32.20 1.61 0.00	36.33 1.81 0.00	45.78 2.32 0.00	49.94 2.57 0.00	52.87 2.56 0.00	53.04 2.81 0.00	82.01 4.40 0.00	98.82 5.27 0.00	93.37 4.82 0.00	292.62 13.46 0.00	939.56 37.25 0.00	88.29 2.94 0.00	71.15 1.85 -14.47	76.15 1.93 -19.08	47.47 1.56 0.00	46.86 1.66 0.00
MILLWOOD_13_KV_LOAD 356217	31.57 1.40 0.00	27.15 1.20 0.00	25.51 1.10 0.00	25.76 1.10 0.00	24.98 1.07 0.00	24.20 1.03 0.00	30.08 1.42 0.00	33.41 1.63 0.00	32.31 1.72 0.00	36.48 1.96 0.00	45.97 2.51 0.00	50.17 2.79 0.00	53.12 2.81 0.00	53.30 3.08 0.00	82.42 4.80 0.00	99.33 5.77 0.00	93.88 5.32 0.00	294.25 15.08 0.00	944.17 41.87 0.00	88.72 3.38 0.00	71.39 2.09 -14.47	76.39 2.18 -19.08	47.64 1.74 0.00	47.02 1.82 0.00
MODEL_CITY_ENERGY 24167	31.04 0.87 0.00	26.59 0.64 0.00	24.44 0.03 0.00	24.42 -0.24 0.00	23.37 -0.54 0.00	22.75 -0.41 0.00	28.29 -0.37 0.00	31.25 -0.52 0.00	30.72 0.13 0.00	35.53 1.01 0.00	44.90 1.43 0.00	49.21 1.83 0.00	53.07 2.77 0.00	53.79 3.56 0.00	79.51 1.90 0.00	93.68 0.12 0.00	88.20 -0.35 0.00	277.87 -1.30 0.00	896.08 -6.24 0.00	85.60 0.26 0.00	55.12 0.30 0.00	55.41 0.28 0.00	45.75 -0.15 0.00	44.72 -0.48 0.00
MODERN_LFGE___ 323580	31.04 0.87 0.00	26.59 0.64 0.00	24.44 0.03 0.00	24.42 -0.24 0.00	23.37 -0.54 0.00	22.75 -0.41 0.00	28.29 -0.37 0.00	31.25 -0.52 0.00	30.72 0.13 0.00	35.53 1.01 0.00	44.90 1.43 0.00	49.21 1.83 0.00	53.07 2.77 0.00	53.79 3.56 0.00	79.51 1.90 0.00	93.68 0.12 0.00	88.20 -0.35 0.00	277.87 -1.30 0.00	896.08 -6.24 0.00	85.60 0.26 0.00	55.12 0.30 0.00	55.41 0.28 0.00	45.75 -0.15 0.00	44.72 -0.48 0.00
MOHAWK_PAPER___DRP 24187	31.23 1.06 0.00	26.87 0.92 0.00	25.29 0.88 0.00	25.60 0.94 0.00	24.81 0.90 0.00	23.94 0.78 0.00	29.71 1.06 0.00	32.83 1.06 0.00	31.57 0.98 0.00	35.52 1.00 0.00	44.86 1.40 0.00	48.89 1.52 0.00	51.87 1.57 0.00	51.88 1.65 0.00	80.18 2.56 0.00	96.70 3.14 0.00	91.53 2.98 0.00	289.06 9.89 0.00	937.58 35.27 0.00	88.42 3.07 0.00	167.26 2.16 -110.28	202.76 2.23 -145.40	47.62 1.72 0.00	46.92 1.73 0.00
MOHICAN___35_KV_115KV_LD 80490	32.31 2.14 0.00	27.62 1.67 0.00	25.95 1.54 0.00	26.27 1.61 0.00	25.46 1.55 0.00	24.67 1.50 0.00	30.72 2.06 0.00	33.85 2.07 0.00	32.38 1.80 0.00	36.48 1.96 0.00	46.16 2.70 0.00	50.47 3.10 0.00	53.67 3.37 0.00	53.79 3.57 0.00	83.12 5.50 0.00	100.23 6.67 0.00	94.76 6.21 0.00	299.90 20.74 0.00	978.94 76.63 0.00	92.17 6.83 0.00	224.62 5.03 -164.76	277.43 5.07 -217.23	49.92 4.02 0.00	49.08 3.88 0.00
MONGAUP___HYD 23641	31.62 1.44 0.00	27.17 1.22 0.00	25.50 1.09 0.00	25.74 1.08 0.00	24.95 1.04 0.00	24.16 1.00 0.00	30.03 1.37 0.00	33.27 1.50 0.00	32.12 1.53 0.00	36.24 1.72 0.00	45.41 1.95 0.00	49.46 2.09 0.00	52.39 2.09 0.00	52.37 2.15 0.00	81.78 4.17 0.00	98.80 5.24 0.00	93.66 5.11 0.00	293.11 13.95 0.00	946.09 43.79 0.00	89.60 4.26 0.00	71.01 3.35 -12.84	75.22 3.15 -16.93	48.31 2.40 0.00	47.44 2.25 0.00
MONTAUK___DIESEL 23721	47.83 3.48 -14.17	32.94 2.94 -4.04	27.06 2.66 0.00	27.37 2.71 0.00	26.50 2.59 0.00	25.73 2.56 0.00	32.05 3.40 0.00	35.62 3.85 0.00	34.61 4.02 0.00	40.07 4.70 -0.85	49.04 5.58 0.00	53.01 5.63 0.00	56.76 6.66 0.20	56.81 6.87 0.27	88.03 10.42 0.00	106.87 12.58 -0.73	104.91 11.90 -4.45	305.43 26.26 0.00	972.26 69.95 0.00	96.18 9.02 -1.82	74.84 5.44 -14.58	80.29 5.55 -19.61	54.30 4.72 -3.69	61.03 4.87 -10.97
MOONROAD_115KV_HARTFLD_TB1-2 355988	31.21 1.04 0.00	26.82 0.86 0.00	24.57 0.16 0.00	24.57 -0.09 0.00	23.63 -0.29 0.00	23.07 -0.10 0.00	29.42 0.77 0.00	32.99 1.22 0.00	32.37 1.78 0.00	37.77 3.25 0.00	47.89 4.42 0.00	52.99 5.62 0.00	56.69 6.38 0.00	57.47 7.25 0.00	86.10 8.49 0.00	102.45 8.89 0.00	95.73 7.17 0.00	305.70 26.33 0.00	957.91 55.60 0.00	89.80 4.46 0.00	57.77 2.95 0.00	57.75 2.62 0.00	47.93 2.03 0.00	46.43 1.23 0.00

MORTIMER_115KV_TB3 55949	31.18 1.01 0.00	26.75 0.80 0.00	24.80 0.39 0.00	24.88 0.22 0.00	23.94 0.03 0.00	23.27 0.10 0.00	28.92 0.27 0.00	32.09 0.31 0.00	31.36 0.77 0.00	36.07 1.55 0.00	45.54 2.08 0.00	49.77 2.40 0.00	53.27 2.96 0.00	53.82 3.59 0.00	81.04 3.43 0.00	96.68 3.12 0.00	91.47 2.92 0.00	289.05 9.89 0.00	933.35 31.04 0.00	88.50 3.15 0.00	56.83 2.01 0.00	56.98 1.86 0.00	47.18 1.28 0.00	46.04 0.85 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	31.68 1.51 0.00	27.23 1.28 0.00	25.58 1.17 0.00	25.82 1.16 0.00	25.04 1.13 0.00	24.28 1.11 0.00	30.18 1.53 0.00	33.56 1.78 0.00	32.50 1.91 0.00	36.68 2.16 0.00	46.18 2.72 0.00	50.33 2.95 0.00	53.27 2.97 0.00	53.44 3.21 0.00	82.60 4.99 0.00	99.44 5.88 0.00	93.92 5.37 0.00	293.98 14.82 0.00	942.87 40.56 0.00	88.62 3.27 0.00	71.47 2.06 -14.59	76.48 2.12 -19.23	47.63 1.73 0.00	47.07 1.88 0.00
MUNSVILLE_WIND_PWR 323609	32.81 2.64 0.00	28.07 2.11 0.00	26.24 1.84 0.00	26.36 1.70 0.00	25.69 1.78 0.00	25.09 1.93 0.00	31.24 2.59 0.00	34.78 3.00 0.00	33.61 3.02 0.00	38.01 3.50 0.00	48.05 4.35 -0.24	54.37 5.45 -1.55	56.75 5.68 -0.77	57.40 6.18 -0.99	89.67 8.09 -3.96	107.97 9.63 -4.79	101.52 9.15 -3.82	317.22 32.56 -5.50	1022.60 113.80 -6.49	100.69 11.22 -4.13	73.24 7.19 -11.23	75.85 6.66 -14.06	52.40 4.80 -1.70	50.40 4.19 -1.02
N SALMON___HYD 24042	29.96 -0.21 0.00	25.54 -0.41 0.00	24.09 -0.31 0.00	24.33 -0.33 0.00	23.65 -0.26 0.00	22.98 -0.19 0.00	28.40 -0.25 0.00	31.77 -0.01 0.00	30.51 -0.08 0.00	34.18 -0.34 0.00	42.68 -0.78 0.00	46.11 -1.27 0.00	32.08 -1.60 16.63	48.50 -1.73 0.00	75.79 -1.83 0.00	92.00 -1.56 0.00	87.39 -1.17 0.00	275.39 -3.78 0.00	893.77 -8.54 0.00	85.01 -0.34 0.00	54.53 -0.29 0.00	55.09 -0.04 0.00	45.73 -0.17 0.00	45.20 0.01 0.00
N.AKRON__115KV_KNAPP 355671	31.87 1.70 0.00	27.27 1.32 0.00	25.08 0.68 0.00	25.08 0.41 0.00	24.03 0.12 0.00	23.40 0.23 0.00	29.10 0.45 0.00	32.23 0.45 0.00	31.66 1.08 0.00	36.64 2.13 0.00	46.17 2.71 0.00	50.37 2.99 0.00	54.04 3.74 0.00	54.80 4.58 0.00	81.41 3.79 0.00	96.28 2.72 0.00	90.83 2.28 0.00	287.34 8.18 0.00	928.58 26.27 0.00	88.47 3.13 0.00	56.89 2.07 0.00	57.21 2.08 0.00	47.37 1.47 0.00	46.18 0.98 0.00
N.BELMOR_69_KV_BK1 55787	46.43 2.08 -14.17	31.73 1.74 -4.04	25.97 1.56 0.00	26.25 1.59 0.00	25.41 1.50 0.00	24.64 1.47 0.00	30.62 1.96 0.00	33.97 2.19 0.00	32.91 2.32 0.00	38.07 2.70 -0.85	46.76 3.29 0.00	50.87 3.50 0.00	53.79 3.49 0.00	53.80 3.56 -0.02	83.04 5.43 0.00	100.16 6.60 0.00	94.88 6.33 0.00	296.11 16.95 0.00	946.41 44.10 0.00	91.24 4.08 -1.82	71.99 2.58 -14.58	77.52 2.78 -19.61	52.17 2.58 -3.69	58.87 2.71 -10.97
N.E_GEN_SANDY PD 24062	31.19 1.02 0.00	34.92 0.87 -8.10	31.69 0.82 -6.47	31.42 0.86 -5.90	30.11 0.82 -5.37	31.30 0.75 -7.39	30.94 1.12 -1.17	32.73 1.10 0.14	31.62 1.03 0.00	34.38 0.98 1.11	45.32 1.38 -0.48	48.78 1.40 0.00	50.60 1.36 1.06	51.63 1.40 0.00	79.98 2.25 -0.11	98.31 2.79 -1.97	91.23 2.68 0.00	311.07 8.70 -23.21	1043.50 31.62 -109.57	78.66 2.47 9.16	98.73 1.73 -42.18	112.77 1.73 -55.90	47.32 1.39 -0.03	50.52 1.57 -3.76
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	31.39 1.22 0.00	27.01 1.06 0.00	25.39 0.98 0.00	25.64 0.97 0.00	24.86 0.94 0.00	24.08 0.91 0.00	29.90 1.24 0.00	33.17 1.39 0.00	32.06 1.47 0.00	36.19 1.67 0.00	45.64 2.18 0.00	49.85 2.48 0.00	52.79 2.48 0.00	53.04 2.81 0.00	82.08 4.47 0.00	98.90 5.34 0.00	93.37 4.82 0.00	292.60 13.43 0.00	938.70 36.39 0.00	88.13 2.78 0.00	70.38 1.69 -13.86	75.24 1.84 -18.27	47.34 1.44 0.00	46.70 1.51 0.00
N.QUEENS_27_KV_LOAD 356247	31.84 1.67 0.00	27.35 1.40 0.00	25.75 1.34 0.00	25.95 1.29 0.00	25.16 1.24 0.00	24.42 1.25 -0.01	30.29 1.63 0.00	33.74 1.97 0.00	32.65 2.06 0.00	36.76 2.25 0.00	46.26 2.79 0.00	50.43 3.06 0.00	53.34 3.04 0.00	53.54 3.31 0.00	82.78 5.17 0.00	99.50 5.92 -0.02	93.86 5.31 0.00	293.40 14.23 0.00	941.06 38.76 0.01	88.50 3.16 0.00	71.40 2.00 -14.58	76.44 2.08 -19.23	47.72 1.82 0.00	47.22 2.03 0.00
N.TROY___115KV_TB1 355778	31.34 1.17 0.00	26.95 1.00 0.00	25.34 0.93 0.00	25.65 0.99 0.00	24.87 0.95 0.00	24.03 0.86 0.00	29.84 1.19 0.00	32.93 1.15 0.00	31.62 1.03 0.00	35.53 1.02 0.00	44.87 1.41 0.00	48.84 1.47 0.00	51.80 1.49 0.00	51.79 1.56 0.00	80.08 2.46 0.00	96.55 3.00 0.00	91.38 2.83 0.00	288.79 9.62 0.00	939.16 36.86 0.00	88.51 3.16 0.00	195.73 2.32 -138.58	240.20 2.35 -182.71	47.76 1.86 0.00	47.11 1.92 0.00
NARROWS_GT1_1 24228	31.81 1.64 0.00	27.32 1.36 0.00	25.67 1.26 0.00	25.89 1.23 0.00	25.10 1.19 0.00	24.35 1.18 0.00	30.28 1.63 0.00	33.72 1.95 0.00	32.68 2.09 0.00	36.87 2.35 0.00	46.39 2.93 0.00	50.61 3.23 0.00	53.56 3.25 0.00	53.60 3.37 0.00	82.87 5.26 0.00	99.31 5.76 0.00	93.45 4.90 0.00	291.59 12.43 0.00	935.62 33.32 0.01	87.23 2.81 0.93	71.42 2.01 -14.58	76.43 2.11 -19.19	47.68 1.77 0.00	47.07 1.88 0.00
NARROWS_GT1_2 24229	31.81 1.64 0.00	27.32 1.36 0.00	25.67 1.26 0.00	25.89 1.23 0.00	25.10 1.19 0.00	24.35 1.18 0.00	30.28 1.63 0.00	33.72 1.95 0.00	32.68 2.09 0.00	36.87 2.35 0.00	46.39 2.93 0.00	50.61 3.23 0.00	53.56 3.25 0.00	53.60 3.37 0.00	82.87 5.26 0.00	99.31 5.76 0.00	93.45 4.90 0.00	291.59 12.43 0.00	935.62 33.32 0.01	87.23 2.81 0.93	71.42 2.01 -14.58	76.43 2.11 -19.19	47.68 1.77 0.00	47.07 1.88 0.00
NARROWS_GT1_3 24230	31.81 1.64 0.00	27.32 1.36 0.00	25.67 1.26 0.00	25.89 1.23 0.00	25.10 1.19 0.00	24.35 1.18 0.00	30.28 1.63 0.00	33.72 1.95 0.00	32.68 2.09 0.00	36.87 2.35 0.00	46.39 2.93 0.00	50.61 3.23 0.00	53.56 3.25 0.00	53.60 3.37 0.00	82.87 5.26 0.00	99.31 5.76 0.00	93.45 4.90 0.00	291.59 12.43 0.00	935.62 33.32 0.01	87.23 2.81 0.93	71.42 2.01 -14.58	76.43 2.11 -19.19	47.68 1.77 0.00	47.07 1.88 0.00
NARROWS_GT1_4 24231	31.81 1.64 0.00	27.32 1.36 0.00	25.67 1.26 0.00	25.89 1.23 0.00	25.10 1.19 0.00	24.35 1.18 0.00	30.28 1.63 0.00	33.72 1.95 0.00	32.68 2.09 0.00	36.87 2.35 0.00	46.39 2.93 0.00	50.61 3.23 0.00	53.56 3.25 0.00	53.60 3.37 0.00	82.87 5.26 0.00	99.31 5.76 0.00	93.45 4.90 0.00	291.59 12.43 0.00	935.62 33.32 0.01	87.23 2.81 0.93	71.42 2.01 -14.58	76.43 2.11 -19.19	47.68 1.77 0.00	47.07 1.88 0.00
NARROWS_GT1_5 24232	31.81 1.64 0.00	27.32 1.36 0.00	25.67 1.26 0.00	25.89 1.23 0.00	25.10 1.19 0.00	24.35 1.18 0.00	30.28 1.63 0.00	33.72 1.95 0.00	32.68 2.09 0.00	36.87 2.35 0.00	46.39 2.93 0.00	50.61 3.23 0.00	53.56 3.25 0.00	53.60 3.37 0.00	82.87 5.26 0.00	99.31 5.76 0.00	93.45 4.90 0.00	291.59 12.43 0.00	935.62 33.32 0.01	87.23 2.81 0.93	71.42 2.01 -14.58	76.43 2.11 -19.19	47.68 1.77 0.00	47.07 1.88 0.00

NARROWS_GT1_6 24233	31.81 1.64 0.00	27.32 1.36 0.00	25.67 1.26 0.00	25.89 1.23 0.00	25.10 1.19 0.00	24.35 1.18 0.00	30.28 1.63 0.00	33.72 1.95 0.00	32.68 2.09 0.00	36.87 2.35 0.00	46.39 2.93 0.00	50.61 3.23 0.00	53.56 3.25 0.00	53.60 3.37 0.00	82.87 5.26 0.00	99.31 5.76 0.00	93.45 4.90 0.00	291.59 12.43 0.00	935.62 33.32 0.01	87.23 2.81 0.93	71.42 2.01 -14.58	76.43 2.11 -19.19	47.68 1.77 0.00	47.07 1.88 0.00
NARROWS_GT1_7 24234	31.81 1.64 0.00	27.32 1.36 0.00	25.67 1.26 0.00	25.89 1.23 0.00	25.10 1.19 0.00	24.35 1.18 0.00	30.28 1.63 0.00	33.72 1.95 0.00	32.68 2.09 0.00	36.87 2.35 0.00	46.39 2.93 0.00	50.61 3.23 0.00	53.56 3.25 0.00	53.60 3.37 0.00	82.87 5.26 0.00	99.31 5.76 0.00	93.45 4.90 0.00	291.59 12.43 0.00	935.62 33.32 0.01	87.23 2.81 0.93	71.42 2.01 -14.58	76.43 2.11 -19.19	47.68 1.77 0.00	47.07 1.88 0.00
NARROWS_GT1_8 24235	31.81 1.64 0.00	27.32 1.36 0.00	25.67 1.26 0.00	25.89 1.23 0.00	25.10 1.19 0.00	24.35 1.18 0.00	30.28 1.63 0.00	33.72 1.95 0.00	32.68 2.09 0.00	36.87 2.35 0.00	46.39 2.93 0.00	50.61 3.23 0.00	53.56 3.25 0.00	53.60 3.37 0.00	82.87 5.26 0.00	99.31 5.76 0.00	93.45 4.90 0.00	291.59 12.43 0.00	935.62 33.32 0.01	87.23 2.81 0.93	71.42 2.01 -14.58	76.43 2.11 -19.19	47.68 1.77 0.00	47.07 1.88 0.00
NARROWS_GT2_1 24236	31.81 1.64 0.00	27.32 1.36 0.00	25.67 1.26 0.00	25.89 1.23 0.00	25.10 1.19 0.00	24.35 1.18 0.00	30.28 1.63 0.00	33.72 1.95 0.00	32.68 2.09 0.00	36.87 2.35 0.00	46.39 2.93 0.00	50.61 3.23 0.00	53.56 3.25 0.00	53.60 3.37 0.00	82.87 5.26 0.00	99.31 5.76 0.00	93.45 4.90 0.00	291.59 12.43 0.00	935.62 33.32 0.01	87.23 2.81 0.93	71.42 2.01 -14.58	76.43 2.11 -19.19	47.68 1.77 0.00	47.07 1.88 0.00
NARROWS_GT2_2 24237	31.81 1.64 0.00	27.32 1.36 0.00	25.67 1.26 0.00	25.89 1.23 0.00	25.10 1.19 0.00	24.35 1.18 0.00	30.28 1.63 0.00	33.72 1.95 0.00	32.68 2.09 0.00	36.87 2.35 0.00	46.39 2.93 0.00	50.61 3.23 0.00	53.56 3.25 0.00	53.60 3.37 0.00	82.87 5.26 0.00	99.31 5.76 0.00	93.45 4.90 0.00	291.59 12.43 0.00	935.62 33.32 0.01	87.23 2.81 0.93	71.42 2.01 -14.58	76.43 2.11 -19.19	47.68 1.77 0.00	47.07 1.88 0.00
NARROWS_GT2_3 24238	31.81 1.64 0.00	27.32 1.36 0.00	25.67 1.26 0.00	25.89 1.23 0.00	25.10 1.19 0.00	24.35 1.18 0.00	30.28 1.63 0.00	33.72 1.95 0.00	32.68 2.09 0.00	36.87 2.35 0.00	46.39 2.93 0.00	50.61 3.23 0.00	53.56 3.25 0.00	53.60 3.37 0.00	82.87 5.26 0.00	99.31 5.76 0.00	93.45 4.90 0.00	291.59 12.43 0.00	935.62 33.32 0.01	87.23 2.81 0.93	71.42 2.01 -14.58	76.43 2.11 -19.19	47.68 1.77 0.00	47.07 1.88 0.00
NARROWS_GT2_4 24239	31.81 1.64 0.00	27.32 1.36 0.00	25.67 1.26 0.00	25.89 1.23 0.00	25.10 1.19 0.00	24.35 1.18 0.00	30.28 1.63 0.00	33.72 1.95 0.00	32.68 2.09 0.00	36.87 2.35 0.00	46.39 2.93 0.00	50.61 3.23 0.00	53.56 3.25 0.00	53.60 3.37 0.00	82.87 5.26 0.00	99.31 5.76 0.00	93.45 4.90 0.00	291.59 12.43 0.00	935.62 33.32 0.01	87.23 2.81 0.93	71.42 2.01 -14.58	76.43 2.11 -19.19	47.68 1.77 0.00	47.07 1.88 0.00
NARROWS_GT2_5 24240	31.81 1.64 0.00	27.32 1.36 0.00	25.67 1.26 0.00	25.89 1.23 0.00	25.10 1.19 0.00	24.35 1.18 0.00	30.28 1.63 0.00	33.72 1.95 0.00	32.68 2.09 0.00	36.87 2.35 0.00	46.39 2.93 0.00	50.61 3.23 0.00	53.56 3.25 0.00	53.60 3.37 0.00	82.87 5.26 0.00	99.31 5.76 0.00	93.45 4.90 0.00	291.59 12.43 0.00	935.62 33.32 0.01	87.23 2.81 0.93	71.42 2.01 -14.58	76.43 2.11 -19.19	47.68 1.77 0.00	47.07 1.88 0.00
NARROWS_GT2_6 24241	31.81 1.64 0.00	27.32 1.36 0.00	25.67 1.26 0.00	25.89 1.23 0.00	25.10 1.19 0.00	24.35 1.18 0.00	30.28 1.63 0.00	33.72 1.95 0.00	32.68 2.09 0.00	36.87 2.35 0.00	46.39 2.93 0.00	50.61 3.23 0.00	53.56 3.25 0.00	53.60 3.37 0.00	82.87 5.26 0.00	99.31 5.76 0.00	93.45 4.90 0.00	291.59 12.43 0.00	935.62 33.32 0.01	87.23 2.81 0.93	71.42 2.01 -14.58	76.43 2.11 -19.19	47.68 1.77 0.00	47.07 1.88 0.00
NARROWS_GT2_7 24242	31.81 1.64 0.00	27.32 1.36 0.00	25.67 1.26 0.00	25.89 1.23 0.00	25.10 1.19 0.00	24.35 1.18 0.00	30.28 1.63 0.00	33.72 1.95 0.00	32.68 2.09 0.00	36.87 2.35 0.00	46.39 2.93 0.00	50.61 3.23 0.00	53.56 3.25 0.00	53.60 3.37 0.00	82.87 5.26 0.00	99.31 5.76 0.00	93.45 4.90 0.00	291.59 12.43 0.00	935.62 33.32 0.01	87.23 2.81 0.93	71.42 2.01 -14.58	76.43 2.11 -19.19	47.68 1.77 0.00	47.07 1.88 0.00
NARROWS_GT2_8 24243	31.81 1.64 0.00	27.32 1.36 0.00	25.67 1.26 0.00	25.89 1.23 0.00	25.10 1.19 0.00	24.35 1.18 0.00	30.28 1.63 0.00	33.72 1.95 0.00	32.68 2.09 0.00	36.87 2.35 0.00	46.39 2.93 0.00	50.61 3.23 0.00	53.56 3.25 0.00	53.60 3.37 0.00	82.87 5.26 0.00	99.31 5.76 0.00	93.45 4.90 0.00	291.59 12.43 0.00	935.62 33.32 0.01	87.23 2.81 0.93	71.42 2.01 -14.58	76.43 2.11 -19.19	47.68 1.77 0.00	47.07 1.88 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	31.80 1.63 0.00	27.32 1.37 0.00	25.71 1.30 0.00	26.04 1.38 0.00	25.23 1.32 0.00	24.34 1.17 0.00	30.18 1.52 0.00	33.25 1.47 0.00	31.68 1.09 0.00	35.54 1.03 0.00	44.96 1.49 0.00	49.06 1.68 0.00	52.02 1.72 0.00	52.02 1.79 0.00	80.08 2.47 0.00	96.91 3.35 0.00	92.10 3.55 0.00	290.19 11.03 0.00	934.69 32.38 0.00	89.07 3.72 0.00	118.19 3.27 -60.09	137.80 3.44 -79.23	48.53 2.63 0.00	47.62 2.43 0.00
NCHELSEA_115KV_TR2 355582	31.76 1.59 0.00	27.30 1.35 0.00	25.65 1.24 0.00	25.91 1.24 0.00	25.11 1.19 0.00	24.32 1.16 0.00	30.26 1.61 0.00	33.60 1.82 0.00	32.49 1.90 0.00	36.64 2.13 0.00	46.21 2.75 0.00	50.35 2.97 0.00	53.33 3.02 0.00	53.52 3.30 0.00	82.79 5.18 0.00	99.91 6.36 0.00	94.55 6.00 0.00	296.70 17.53 0.00	953.22 50.92 0.00	89.71 4.36 0.00	72.86 2.73 -15.31	78.02 2.71 -20.18	48.03 2.13 0.00	47.29 2.09 0.00
NEG CAPITAL___MECHNVIL 23645	31.94 1.76 0.00	27.41 1.45 0.00	25.74 1.33 0.00	26.05 1.39 0.00	25.23 1.32 0.00	24.40 1.23 0.00	30.36 1.70 0.00	33.53 1.76 0.00	32.23 1.64 0.00	36.33 1.81 0.00	45.89 2.43 0.00	50.08 2.70 0.00	53.17 2.87 0.00	53.25 3.03 0.00	82.37 4.75 0.00	99.26 5.70 0.00	93.91 5.36 0.00	297.21 18.04 0.00	966.57 64.27 0.00	91.16 5.81 0.00	216.02 4.06 -157.14	266.35 4.04 -207.18	49.07 3.17 0.00	48.25 3.05 0.00
NEG CENTRAL_HIGH_ACRES 23767	30.59 0.41 0.00	26.24 0.28 0.00	24.37 -0.03 0.00	24.47 -0.19 0.00	23.58 -0.33 0.00	22.93 -0.24 0.00	28.48 -0.17 0.00	31.63 -0.15 0.00	30.87 0.28 0.00	35.42 0.90 0.00	44.75 1.28 0.00	48.95 1.57 0.00	52.34 2.04 0.00	52.82 2.60 0.00	79.81 2.20 0.00	95.40 1.85 0.00	90.32 1.77 0.00	285.55 6.39 0.00	923.45 21.14 0.00	87.46 2.12 0.00	56.12 1.29 0.00	56.20 1.07 0.00	46.49 0.59 0.00	45.37 0.17 0.00

NEG CENTRAL___DRP 24199	30.89 0.72 0.00	26.51 0.55 0.00	24.72 0.31 0.00	24.90 0.24 0.00	24.07 0.16 0.00	23.41 0.24 0.00	29.07 0.42 0.00	32.29 0.51 0.00	31.38 0.79 0.00	35.87 1.36 0.00	45.77 1.91 -0.39	52.20 2.33 -2.49	54.03 2.49 -1.24	54.66 2.84 -1.60	87.25 3.26 -6.38	104.45 3.18 -7.72	97.41 2.71 -6.15	298.53 10.51 -8.85	948.70 35.94 -10.45	95.52 3.54 -6.64	60.97 2.30 -3.85	61.10 2.10 -3.87	50.01 1.37 -2.74	47.85 1.02 -1.64
NEG CENTRAL___INDECK 23768	31.00 0.83 0.00	26.49 0.54 0.00	24.57 0.16 0.00	24.64 -0.03 0.00	23.76 -0.15 0.00	23.20 0.03 0.00	28.96 0.31 0.00	32.14 0.36 0.00	31.47 0.88 0.00	36.14 1.62 0.00	45.10 1.64 0.00	48.79 1.41 0.00	51.52 1.22 0.00	52.11 1.89 0.00	77.70 0.09 0.00	92.59 -0.96 0.00	87.29 -1.26 0.00	275.64 -3.53 0.00	899.89 -2.42 0.00	86.19 0.84 0.00	55.95 1.12 0.00	56.02 0.89 0.00	47.86 1.96 0.00	46.64 1.44 0.00
NEG CENTRAL___SENECA 23627	31.10 0.92 0.00	26.63 0.68 0.00	24.81 0.40 0.00	24.95 0.29 0.00	24.12 0.20 0.00	23.48 0.31 0.00	29.23 0.58 0.00	32.47 0.70 0.00	31.65 1.06 0.00	36.34 1.83 0.00	46.17 2.50 -0.21	51.73 3.04 -1.32	54.19 3.24 -0.66	54.70 3.63 -0.84	85.17 4.18 -3.38	101.77 4.13 -4.08	95.33 3.52 -3.25	297.40 13.55 -4.69	955.26 47.42 -5.53	93.44 4.58 -3.51	59.79 2.93 -2.04	59.88 2.70 -2.05	49.13 1.78 -1.45	47.42 1.36 -0.87
NEG CENTRAL___STATE_STREET 24147	30.87 0.70 0.00	26.55 0.60 0.00	24.75 0.35 0.00	25.02 0.35 0.00	24.15 0.23 0.00	23.45 0.28 0.00	29.06 0.41 0.00	32.31 0.53 0.00	31.29 0.71 0.00	35.45 0.93 0.00	45.45 1.46 -0.52	52.36 1.66 -3.32	53.78 1.83 -1.65	54.46 2.11 -2.13	88.41 2.30 -8.50	106.18 2.34 -10.28	98.83 2.09 -8.19	298.90 7.94 -11.79	942.53 26.30 -13.92	96.97 2.78 -8.85	61.81 1.86 -5.13	62.03 1.75 -5.16	50.73 1.17 -3.66	48.37 1.00 -2.18
NEG MILLWOOD___DRP 24198	31.83 1.65 0.00	27.36 1.40 0.00	25.69 1.28 0.00	25.94 1.27 0.00	25.14 1.22 0.00	24.36 1.19 0.00	30.32 1.67 0.00	33.69 1.91 0.00	32.60 2.01 0.00	36.81 2.30 0.00	46.45 2.99 0.00	50.70 3.32 0.00	53.74 3.44 0.00	53.96 3.73 0.00	83.45 5.84 0.00	100.68 7.12 0.00	95.31 6.76 0.00	299.07 19.91 0.00	960.31 58.00 0.00	90.28 4.93 0.00	73.08 3.07 -15.19	78.15 3.00 -20.02	48.27 2.37 0.00	47.50 2.31 0.00
NEG NORTH_FLCN_SEA 23793	30.37 0.20 0.00	25.64 -0.31 0.00	24.42 0.02 0.00	24.59 -0.07 0.00	23.84 -0.07 0.00	23.00 -0.17 0.00	28.30 -0.36 0.00	31.73 -0.04 0.00	30.61 0.03 0.00	34.37 -0.15 0.00	42.58 -0.88 0.00	45.49 -1.89 0.00	29.95 -2.62 17.73	47.44 -2.78 0.00	74.30 -3.31 0.00	89.73 -3.83 0.00	85.33 -3.22 0.00	269.61 -9.55 0.00	873.45 -28.86 0.00	82.94 -2.40 0.00	53.29 -1.53 0.00	53.64 -1.50 0.00	44.85 -1.05 0.00	44.88 -0.31 0.00
NEG NORTH_KES_CHATEGAY 23792	29.75 -0.43 0.00	25.31 -0.64 0.00	23.93 -0.47 0.00	24.17 -0.49 0.00	23.50 -0.41 0.00	22.77 -0.40 0.00	28.06 -0.60 0.00	31.41 -0.37 0.00	30.21 -0.38 0.00	33.88 -0.64 0.00	42.31 -1.16 0.00	45.75 -1.62 0.00	30.89 -1.95 17.47	48.07 -2.16 0.00	75.07 -2.54 0.00	91.07 -2.49 0.00	86.39 -2.16 0.00	271.94 -7.23 0.00	883.59 -18.72 0.00	83.93 -1.42 0.00	53.86 -0.97 0.00	54.21 -0.92 0.00	45.13 -0.77 0.00	44.67 -0.52 0.00
NEG NORTH___ALICE_FALLS 23915	30.37 0.19 0.00	25.68 -0.28 0.00	24.40 0.00 0.00	24.60 -0.06 0.00	23.88 -0.03 0.00	23.06 -0.10 0.00	28.41 -0.24 0.00	31.87 0.10 0.00	30.75 0.16 0.00	34.48 -0.03 0.00	42.84 -0.62 0.00	45.99 -1.39 0.00	30.71 -1.90 17.69	48.11 -2.11 0.00	75.36 -2.26 0.00	91.00 -2.56 0.00	86.60 -1.96 0.00	273.89 -5.28 0.00	887.14 -15.17 0.00	84.31 -1.04 0.00	54.14 -0.68 0.00	54.55 -0.58 0.00	45.43 -0.47 0.00	45.20 0.00 0.00
NEG NORTH___LWR_SARANAC 23913	30.37 0.19 0.00	25.68 -0.28 0.00	24.40 0.00 0.00	24.60 -0.06 0.00	23.88 -0.03 0.00	23.06 -0.10 0.00	28.41 -0.24 0.00	31.87 0.10 0.00	30.75 0.16 0.00	34.48 -0.03 0.00	42.84 -0.62 0.00	45.99 -1.39 0.00	30.71 -1.90 17.69	48.11 -2.11 0.00	75.36 -2.26 0.00	91.00 -2.56 0.00	86.60 -1.96 0.00	273.89 -5.28 0.00	887.14 -15.17 0.00	84.31 -1.04 0.00	54.14 -0.68 0.00	54.55 -0.58 0.00	45.43 -0.47 0.00	45.20 0.00 0.00
NEG NORTH___PLATTSBURG 23628	30.37 0.19 0.00	25.68 -0.28 0.00	24.40 0.00 0.00	24.60 -0.06 0.00	23.88 -0.03 0.00	23.06 -0.10 0.00	28.41 -0.24 0.00	31.87 0.10 0.00	30.75 0.16 0.00	34.48 -0.03 0.00	42.84 -0.62 0.00	45.99 -1.39 0.00	30.71 -1.90 17.69	48.11 -2.11 0.00	75.35 -2.26 0.00	91.00 -2.56 0.00	86.59 -1.96 0.00	273.90 -5.26 0.00	887.14 -15.17 0.00	84.31 -1.03 0.00	54.14 -0.68 0.00	54.55 -0.58 0.00	45.43 -0.47 0.00	45.20 0.01 0.00
NEG WEST_LEA_LOCKPORT 23791	31.31 1.14 0.00	26.82 0.87 0.00	24.66 0.25 0.00	24.64 -0.02 0.00	23.59 -0.32 0.00	22.95 -0.21 0.00	28.50 -0.16 0.00	31.45 -0.32 0.00	30.87 0.28 0.00	35.71 1.19 0.00	45.08 1.62 0.00	49.44 2.07 0.00	53.27 2.96 0.00	53.97 3.74 0.00	79.83 2.21 0.00	94.12 0.57 0.00	88.77 0.22 0.00	280.11 0.94 0.00	903.04 0.73 0.00	86.04 0.70 0.00	55.37 0.54 0.00	55.68 0.55 0.00	46.01 0.11 0.00	44.93 -0.27 0.00
NEG WEST___LANCASTR 23811	31.57 1.39 0.00	27.04 1.09 0.00	24.95 0.55 0.00	25.01 0.35 0.00	24.02 0.10 0.00	23.40 0.23 0.00	29.16 0.51 0.00	32.34 0.56 0.00	31.74 1.15 0.00	36.62 2.11 0.00	46.25 2.79 0.00	51.09 3.71 0.00	54.66 4.36 0.00	55.29 5.07 0.00	82.49 4.88 0.00	97.68 4.12 0.00	92.11 3.55 0.00	291.59 12.43 0.00	935.96 33.65 0.00	88.58 3.23 0.00	57.01 2.19 0.00	57.39 2.26 0.00	47.35 1.45 0.00	46.15 0.96 0.00
NEG_PENN_ALLEGHNY 23528	30.82 0.64 0.00	26.47 0.52 0.00	24.78 0.38 0.00	25.00 0.34 0.00	24.21 0.29 0.00	23.51 0.35 0.00	29.21 0.55 0.00	32.40 0.63 0.00	31.43 0.84 0.00	35.74 1.22 0.00	45.33 1.63 -0.23	51.07 2.22 -1.48	53.28 2.24 -0.74	53.57 2.39 -0.95	84.32 2.92 -3.79	101.10 2.95 -4.59	94.64 2.43 -3.66	293.55 9.12 -5.26	933.83 25.31 -6.22	91.56 2.26 -3.95	64.59 1.62 -8.14	66.79 1.64 -10.01	48.72 1.19 -1.63	47.11 0.95 -0.97
NEG___GEN_MONROE 24207	31.64 1.47 0.00	27.15 1.20 0.00	25.09 0.69 0.00	25.11 0.44 0.00	24.14 0.23 0.00	23.48 0.31 0.00	29.19 0.53 0.00	32.40 0.62 0.00	31.70 1.11 0.00	36.55 2.03 0.00	46.17 2.71 0.00	50.26 2.88 0.00	53.74 3.44 0.00	54.39 4.17 0.00	81.92 4.31 0.00	97.52 3.97 0.00	92.14 3.59 0.00	292.32 13.16 0.00	945.85 43.54 0.00	89.87 4.53 0.00	57.79 2.97 0.00	57.98 2.85 0.00	47.96 2.06 0.00	46.74 1.55 0.00
NEPA___ENERGY 23901	31.04 0.87 0.00	26.57 0.61 0.00	24.56 0.16 0.00	24.66 0.00 0.00	23.76 -0.16 0.00	23.21 0.04 0.00	29.05 0.40 0.00	32.31 0.53 0.00	31.67 1.08 0.00	36.57 2.06 0.00	46.21 2.75 0.00	51.23 3.85 0.00	54.49 4.19 0.00	55.11 4.88 0.00	82.92 5.31 0.00	98.62 5.07 0.00	91.98 3.43 0.00	293.82 14.65 0.00	930.58 28.27 0.00	87.58 2.23 0.00	56.62 1.80 0.00	56.91 1.78 0.00	47.15 1.26 0.00	45.97 0.78 0.00

NEVERSINK___HYD 23608	31.14 0.96 0.00	26.77 0.81 0.00	25.14 0.73 0.00	25.38 0.72 0.00	24.62 0.70 0.00	23.85 0.68 0.00	29.62 0.96 0.00	32.79 1.01 0.00	31.54 0.95 0.00	34.56 0.04 0.00	43.51 0.05 0.00	47.46 0.08 0.00	50.30 0.00 0.00	50.50 0.27 0.00	78.19 0.58 0.00	94.59 1.03 0.00	89.43 0.88 0.00	281.42 2.25 0.00	905.44 3.13 0.00	85.34 0.00 0.00	70.68 0.06 -15.80	77.52 1.56 -20.83	47.05 1.15 0.00	46.27 1.07 0.00
NEWKRMKL_115KV_TB1 55635	30.84 0.66 0.00	26.54 0.59 0.00	25.00 0.59 0.00	25.34 0.68 0.00	24.56 0.65 0.00	23.69 0.52 0.00	29.37 0.71 0.00	32.46 0.69 0.00	31.19 0.60 0.00	35.12 0.60 0.00	44.36 0.90 0.00	48.35 0.98 0.00	51.27 0.96 0.00	51.25 1.03 0.00	79.16 1.55 0.00	95.43 1.88 0.00	90.32 1.77 0.00	284.90 5.73 0.00	922.42 20.11 0.00	86.99 1.65 0.00	157.65 1.17 -101.66	190.48 1.32 -134.03	46.90 1.00 0.00	46.22 1.02 0.00
NEWTON___FALLS_HYD 23847	29.91 -0.27 0.00	25.70 -0.25 0.00	24.17 -0.23 0.00	24.34 -0.32 0.00	23.53 -0.39 0.00	23.28 0.11 0.00	29.02 0.37 0.00	32.43 0.66 0.00	30.82 0.23 0.00	34.57 0.05 0.00	43.29 -0.39 -0.21	47.64 -1.06 -1.33	40.29 -1.29 8.72	49.94 -1.14 -0.85	79.88 -1.13 -3.40	96.92 -0.75 -4.11	91.15 -0.68 -3.28	283.12 -0.76 -4.71	909.92 2.08 -5.53	89.85 0.99 -3.51	57.80 0.94 -2.04	58.45 1.27 -2.05	48.12 0.77 -1.45	46.66 0.60 -0.87
NGRID_A1_DSASP 323792	30.75 0.57 0.00	26.36 0.41 0.00	24.32 -0.09 0.00	24.34 -0.33 0.00	23.29 -0.63 0.00	22.66 -0.51 0.00	28.18 -0.47 0.00	31.03 -0.74 0.00	30.46 -0.13 0.00	35.22 0.71 0.00	44.54 1.07 0.00	48.88 1.50 0.00	52.80 2.49 0.00	53.21 2.98 0.00	78.46 0.84 0.00	92.21 -1.35 0.00	87.11 -1.44 0.00	274.48 -4.69 0.00	884.86 -17.45 0.00	84.34 -1.00 0.00	54.26 -0.57 0.00	54.56 -0.57 0.00	45.19 -0.71 0.00	44.35 -0.84 0.00
NGRID_A2_DSASP 323793	30.75 0.57 0.00	26.36 0.41 0.00	24.32 -0.09 0.00	24.34 -0.33 0.00	23.29 -0.63 0.00	22.66 -0.51 0.00	28.18 -0.47 0.00	31.03 -0.74 0.00	30.46 -0.13 0.00	35.22 0.71 0.00	44.54 1.07 0.00	48.88 1.50 0.00	52.80 2.49 0.00	53.21 2.98 0.00	78.46 0.84 0.00	92.21 -1.35 0.00	87.11 -1.44 0.00	274.48 -4.69 0.00	884.86 -17.45 0.00	84.34 -1.00 0.00	54.26 -0.57 0.00	54.56 -0.57 0.00	45.19 -0.71 0.00	44.35 -0.84 0.00
NGRID_A4_DSASP 323807	30.75 0.57 0.00	26.36 0.41 0.00	24.32 -0.09 0.00	24.34 -0.33 0.00	23.29 -0.63 0.00	22.66 -0.51 0.00	28.18 -0.47 0.00	31.03 -0.74 0.00	30.46 -0.13 0.00	35.22 0.71 0.00	44.54 1.07 0.00	48.88 1.50 0.00	52.80 2.49 0.00	53.21 2.98 0.00	78.46 0.84 0.00	92.21 -1.35 0.00	87.11 -1.44 0.00	274.48 -4.69 0.00	884.86 -17.45 0.00	84.34 -1.00 0.00	54.26 -0.57 0.00	54.56 -0.57 0.00	45.19 -0.71 0.00	44.35 -0.84 0.00
NIAGARA_115E_LBMP 323715	30.87 0.69 0.00	26.45 0.50 0.00	24.31 -0.10 0.00	24.28 -0.38 0.00	23.23 -0.68 0.00	22.62 -0.55 0.00	28.12 -0.53 0.00	31.07 -0.70 0.00	30.55 -0.03 0.00	35.34 0.82 0.00	44.67 1.20 0.00	48.97 1.60 0.00	52.87 2.57 0.00	53.59 3.36 0.00	79.15 1.54 0.00	93.17 -0.38 0.00	87.69 -0.86 0.00	276.02 -3.14 0.00	889.86 -12.45 0.00	85.08 -0.27 0.00	54.81 -0.01 0.00	55.09 -0.04 0.00	45.48 -0.42 0.00	44.48 -0.72 0.00
NIAGARA_115W_LBMP 323714	30.67 0.50 0.00	26.30 0.35 0.00	24.27 -0.13 0.00	24.30 -0.36 0.00	23.25 -0.66 0.00	22.62 -0.55 0.00	28.13 -0.52 0.00	30.97 -0.81 0.00	30.39 -0.19 0.00	35.15 0.63 0.00	44.44 0.98 0.00	48.77 1.40 0.00	52.65 2.35 0.00	53.04 2.81 0.00	78.23 0.61 0.00	91.93 -1.62 0.00	86.88 -1.68 0.00	273.67 -5.49 0.00	882.30 -20.00 0.00	84.12 -1.22 0.00	54.11 -0.72 0.00	54.39 -0.74 0.00	45.07 -0.84 0.00	44.25 -0.94 0.00
NIAGARA_230_LBMP 323716	30.83 0.65 0.00	26.44 0.48 0.00	24.34 -0.07 0.00	24.34 -0.32 0.00	23.30 -0.61 0.00	22.66 -0.50 0.00	28.19 -0.47 0.00	31.15 -0.62 0.00	30.61 0.03 0.00	35.40 0.88 0.00	44.74 1.28 0.00	49.10 1.72 0.00	52.94 2.64 0.00	53.54 3.32 0.00	79.22 1.61 0.00	93.46 -0.09 0.00	88.31 -0.24 0.00	278.47 -0.70 0.00	897.46 -4.85 0.00	85.33 -0.01 0.00	54.86 0.04 0.00	55.10 -0.03 0.00	45.59 -0.31 0.00	44.56 -0.63 0.00
NIAGARA___115KV_198_GIBSON 55903	30.67 0.50 0.00	26.30 0.35 0.00	24.27 -0.13 0.00	24.30 -0.36 0.00	23.25 -0.66 0.00	22.62 -0.55 0.00	28.14 -0.52 0.00	30.96 -0.81 0.00	30.39 -0.19 0.00	35.15 0.63 0.00	44.40 0.94 0.00	48.77 1.39 0.00	52.65 2.35 0.00	53.03 2.81 0.00	78.22 0.61 0.00	91.93 -1.62 0.00	86.89 -1.66 0.00	273.77 -5.40 0.00	882.48 -19.83 0.00	84.11 -1.24 0.00	54.12 -0.71 0.00	54.40 -0.73 0.00	45.04 -0.86 0.00	44.25 -0.95 0.00
NIAGARA____ 23760	30.83 0.65 0.00	26.44 0.48 0.00	24.34 -0.07 0.00	24.34 -0.32 0.00	23.30 -0.61 0.00	22.66 -0.50 0.00	28.19 -0.47 0.00	31.15 -0.62 0.00	30.61 0.03 0.00	35.40 0.88 0.00	44.74 1.28 0.00	49.10 1.72 0.00	52.94 2.64 0.00	53.54 3.32 0.00	79.22 1.61 0.00	93.46 -0.09 0.00	88.31 -0.24 0.00	278.47 -0.70 0.00	897.46 -4.85 0.00	85.33 -0.01 0.00	54.86 0.04 0.00	55.10 -0.03 0.00	45.59 -0.31 0.00	44.56 -0.63 0.00
NINE_MILE_1 23575	29.57 -0.61 0.00	25.47 -0.48 0.00	23.89 -0.52 0.00	24.10 -0.56 0.00	23.35 -0.56 0.00	22.65 -0.52 0.00	27.99 -0.67 0.00	30.98 -0.80 0.00	29.92 -0.67 0.00	33.88 -0.64 3.53	39.19 -0.75 22.35	24.31 -0.71 11.12	38.45 -0.73 14.32	35.32 -0.58 14.32	19.06 -1.31 57.24	22.50 -1.82 69.23	31.65 -1.78 55.12	194.47 -5.31 79.39	791.02 -17.58 93.71	24.26 -1.52 59.57	19.37 -0.94 34.51	19.45 -0.97 34.71	20.39 -0.90 24.61	29.48 -1.05 14.67
NINE_MILE_2 23744	29.57 -0.61 0.00	25.47 -0.48 0.00	23.89 -0.52 0.00	24.11 -0.55 0.00	23.35 -0.56 0.00	22.65 -0.52 0.00	27.99 -0.67 0.00	30.98 -0.80 0.00	29.92 -0.67 0.00	33.88 -0.64 3.58	39.14 -0.75 22.69	23.97 -0.72 11.29	38.28 -0.73 14.54	35.11 -0.58 14.54	18.19 -1.32 58.10	21.46 -1.82 70.27	30.82 -1.78 55.96	193.27 -5.31 80.59	789.61 -17.58 95.12	23.36 -1.52 60.46	18.85 -0.94 35.03	18.93 -0.97 35.23	20.02 -0.90 24.98	29.25 -1.05 14.89
NM_CAPITAL___DRP 24208	30.88 0.71 0.00	26.59 0.64 0.00	25.05 0.64 0.00	25.38 0.71 0.00	24.59 0.68 0.00	23.72 0.56 0.00	29.43 0.77 0.00	32.50 0.72 0.00	31.23 0.65 0.00	35.14 0.62 0.00	44.39 0.92 0.00	48.35 0.97 0.00	51.25 0.95 0.00	51.22 0.99 0.00	79.12 1.50 0.00	95.37 1.81 0.00	90.29 1.74 0.00	284.82 5.65 0.00	923.22 20.91 0.00	87.02 1.68 0.00	156.09 1.25 -100.02	188.36 1.36 -131.87	46.93 1.03 0.00	46.29 1.09 0.00
NM_CENTRAL___DRP 24181	30.34 0.17 0.00	26.10 0.15 0.00	24.46 0.06 0.00	24.67 0.01 0.00	23.88 -0.03 0.00	23.17 0.01 0.00	28.69 0.04 0.00	31.78 0.00 0.00	30.75 0.16 0.00	34.87 0.36 0.00	44.39 0.58 -0.34	50.37 0.82 -2.17	52.26 0.88 -1.08	52.71 1.10 -1.39	84.32 1.15 -5.56	101.34 1.06 -6.72	94.83 0.93 -5.35	290.39 3.52 -7.71	921.67 10.26 -9.10	92.19 1.06 -5.78	58.90 0.72 -3.35	59.18 0.68 -3.37	48.68 0.40 -2.39	46.78 0.16 -1.42

NM_FRONTIER___DRP 24179	30.67 0.50 0.00	26.30 0.35 0.00	24.27 -0.13 0.00	24.30 -0.36 0.00	23.25 -0.66 0.00	22.62 -0.55 0.00	28.14 -0.52 0.00	30.96 -0.81 0.00	30.39 -0.19 0.00	35.15 0.63 0.00	44.40 0.94 0.00	48.77 1.39 0.00	52.65 2.35 0.00	53.03 2.81 0.00	78.22 0.61 0.00	91.93 -1.62 0.00	86.89 -1.66 0.00	273.77 -5.40 0.00	882.48 -19.83 0.00	84.11 -1.24 0.00	54.12 -0.71 0.00	54.40 -0.73 0.00	45.04 -0.86 0.00	44.25 -0.95 0.00
NM_ST_REGIS___HYD 24053	29.66 -0.51 0.00	25.34 -0.61 0.00	23.90 -0.51 0.00	24.10 -0.56 0.00	23.41 -0.50 0.00	22.86 -0.31 0.00	28.31 -0.35 0.00	31.54 -0.23 0.00	30.01 -0.58 0.00	33.60 -0.92 0.00	41.87 -1.69 -0.10	45.63 -2.36 -0.61	33.25 -2.69 14.36	47.77 -2.85 -0.39	75.70 -3.48 -1.56	92.64 -2.81 -1.89	87.56 -2.50 -1.50	273.44 -7.46 -1.74	881.43 -20.88 0.00	83.97 -1.37 0.00	53.95 -0.87 0.00	54.57 -0.56 0.00	45.31 -0.59 0.00	44.82 -0.38 0.00
NORTHPORT___1 23551	46.18 1.83 -14.17	31.61 1.61 -4.04	25.87 1.47 0.00	26.20 1.54 0.00	25.35 1.44 0.00	24.57 1.41 0.00	30.47 1.82 0.00	33.68 1.90 0.00	32.59 2.00 0.00	37.70 2.33 -0.86	46.35 2.89 0.00	50.16 2.79 0.00	49.89 2.55 2.96	48.57 2.68 4.33	81.53 3.96 0.04	98.12 4.78 0.21	92.22 4.62 0.95	289.37 10.21 0.00	923.45 21.14 0.00	89.64 2.48 -1.82	71.00 1.60 -14.58	76.36 1.62 -19.61	51.31 1.72 -3.69	58.42 2.26 -10.97
NORTHPORT___2 23552	46.18 1.83 -14.17	31.61 1.61 -4.04	25.87 1.47 0.00	26.20 1.54 0.00	25.35 1.44 0.00	24.57 1.41 0.00	30.47 1.82 0.00	33.68 1.90 0.00	32.59 2.00 0.00	37.70 2.33 -0.86	46.35 2.89 0.00	50.16 2.79 0.00	49.89 2.55 2.96	48.57 2.68 4.33	81.53 3.96 0.04	98.12 4.78 0.21	92.22 4.62 0.95	289.37 10.21 0.00	923.45 21.14 0.00	89.64 2.48 -1.82	71.00 1.60 -14.58	76.36 1.62 -19.61	51.31 1.72 -3.69	58.42 2.26 -10.97
NORTHPORT___3 23553	45.94 1.60 -14.17	31.41 1.42 -4.04	25.69 1.29 0.00	25.99 1.33 0.00	25.13 1.21 0.00	24.33 1.16 0.00	30.16 1.50 0.00	33.33 1.56 0.00	32.25 1.67 0.00	37.31 1.94 -0.86	45.82 2.35 0.00	49.71 2.33 0.00	49.47 2.13 2.96	48.18 2.29 4.33	81.01 3.43 0.03	97.65 4.32 0.22	91.76 4.17 0.96	288.80 9.63 0.00	920.88 20.64 2.07	87.55 2.34 0.14	65.96 1.48 -9.66	53.97 1.53 2.69	50.72 1.54 -3.28	58.26 2.10 -10.97
NORTHPORT___4 23650	45.94 1.60 -14.17	31.41 1.42 -4.04	25.69 1.29 0.00	25.99 1.33 0.00	25.13 1.21 0.00	24.33 1.16 0.00	30.16 1.50 0.00	33.33 1.56 0.00	32.25 1.67 0.00	37.31 1.94 -0.86	45.82 2.35 0.00	49.71 2.33 0.00	49.47 2.13 2.96	48.18 2.29 4.33	81.01 3.43 0.03	97.65 4.32 0.22	91.76 4.17 0.96	288.80 9.63 0.00	920.88 20.64 2.07	87.55 2.34 0.14	65.96 1.48 -9.66	53.97 1.53 2.69	50.72 1.54 -3.28	58.26 2.10 -10.97
NORTHPORT___IC 23718	46.16 1.81 -14.17	31.60 1.61 -4.04	25.87 1.47 0.00	26.21 1.55 0.00	25.35 1.44 0.00	24.58 1.41 0.00	30.47 1.82 0.00	33.68 1.90 0.00	32.59 2.00 0.00	37.70 2.33 -0.85	46.38 2.92 0.00	50.16 2.78 0.00	49.89 2.55 2.96	48.58 2.69 4.33	81.53 3.96 0.04	98.16 4.82 0.21	92.23 4.63 0.95	289.37 10.21 0.00	923.30 20.99 0.00	89.63 2.47 -1.82	71.00 1.60 -14.58	76.36 1.62 -19.61	51.30 1.72 -3.69	58.42 2.26 -10.97
NORTH___COUNTRY_ESR 323785	29.65 -0.53 0.00	25.25 -0.70 0.00	23.87 -0.54 0.00	24.12 -0.54 0.00	23.46 -0.46 0.00	22.72 -0.45 0.00	28.00 -0.65 0.00	31.34 -0.44 0.00	30.18 -0.40 0.00	33.84 -0.68 0.00	42.26 -1.20 0.00	45.74 -1.63 0.00	30.88 -1.96 17.46	48.07 -2.16 0.00	75.06 -2.55 0.00	90.96 -2.60 0.00	86.30 -2.26 0.00	271.86 -7.31 0.00	882.58 -19.73 0.00	83.76 -1.59 0.00	53.66 -1.16 0.00	53.97 -1.17 0.00	44.95 -0.95 0.00	44.55 -0.64 0.00
NPX_GEN_1385_PROXY 323591	45.89 1.55 -14.17	31.31 1.32 -4.04	25.77 1.36 0.00	26.47 1.81 0.00	25.61 1.69 0.00	24.86 1.69 0.00	30.92 2.26 0.00	33.91 2.14 0.00	32.62 2.03 0.00	37.24 2.03 -0.69	45.98 2.52 0.00	49.67 2.29 0.00	49.65 2.30 2.96	48.22 2.34 4.34	81.66 4.09 0.04	99.03 5.69 0.21	92.98 5.37 0.95	291.72 12.56 0.00	930.13 27.82 0.00	79.94 4.00 9.41	178.13 3.27 -120.04	77.89 3.15 -19.61	52.64 3.06 -3.69	94.76 3.57 -46.00
NPX_GEN_CSC 323557	46.36 2.01 -14.17	31.69 1.70 -4.04	25.93 1.53 0.00	26.24 1.57 0.00	25.39 1.48 0.00	24.64 1.47 0.00	30.62 1.96 0.00	33.95 2.17 0.00	32.91 2.32 0.00	37.98 2.77 -0.69	46.90 3.44 0.00	50.84 3.47 0.00	53.65 3.55 0.20	53.69 3.74 0.28	83.24 5.63 0.00	101.10 6.82 -0.72	99.64 6.68 -4.41	293.43 14.27 0.00	934.21 31.90 0.00	80.30 4.36 9.41	72.02 2.61 -14.58	77.31 2.58 -19.61	51.96 2.37 -3.69	59.92 2.75 -11.98
NSINS_S_GLNS_FALLS 23858	32.26 2.09 0.00	27.58 1.63 0.00	25.92 1.52 0.00	26.24 1.58 0.00	25.43 1.51 0.00	24.64 1.47 0.00	30.67 2.01 0.00	33.81 2.04 0.00	32.37 1.79 0.00	36.48 1.97 0.00	46.18 2.72 0.00	50.52 3.14 0.00	53.72 3.42 0.00	53.84 3.62 0.00	83.15 5.54 0.00	100.26 6.71 0.00	94.65 6.09 0.00	299.65 20.49 0.00	978.47 76.16 0.00	92.14 6.80 0.00	225.48 5.03 -165.62	278.54 5.05 -218.36	49.87 3.97 0.00	49.04 3.85 0.00
NUCOR_STEEL___DRP 24197	30.84 0.67 0.00	26.52 0.56 0.00	24.71 0.31 0.00	25.00 0.33 0.00	24.12 0.21 0.00	23.41 0.24 0.00	29.01 0.35 0.00	32.26 0.49 0.00	31.24 0.66 0.00	35.34 0.82 0.00	45.37 1.35 -0.56	52.43 1.50 -3.55	53.76 1.69 -1.77	54.45 1.95 -2.28	88.75 2.03 -9.10	106.56 2.00 -11.01	99.10 1.78 -8.76	298.62 6.83 -12.62	939.76 22.55 -14.90	97.16 2.34 -9.47	61.90 1.59 -5.49	62.13 1.48 -5.52	50.84 1.02 -3.91	48.42 0.89 -2.33
NUMBER_THREE_WT_PWR 323818	30.07 -0.10 0.00	25.96 0.00 0.00	24.40 0.00 0.00	24.54 -0.12 0.00	23.59 -0.32 0.00	23.61 0.44 0.00	29.62 0.96 0.00	33.30 1.52 0.00	31.74 1.16 0.00	35.71 1.19 0.00	44.84 1.13 -0.25	49.39 0.43 -1.58	47.88 0.41 2.83	52.18 0.94 -1.01	83.41 1.76 -4.04	100.42 1.97 -4.89	94.30 1.85 -3.89	292.61 7.84 -5.61	939.52 30.60 -6.61	93.21 3.67 -4.20	60.06 2.80 -2.44	60.66 3.08 -2.45	49.57 1.94 -1.74	47.68 1.45 -1.04
NYISO_LBMP_REFERENCE 24008	30.17 0.00 0.00	25.95 0.00 0.00	24.41 0.00 0.00	24.66 0.00 0.00	23.91 0.00 0.00	23.17 0.00 0.00	28.65 0.00 0.00	31.78 0.00 0.00	30.59 0.00 0.00	34.52 0.00 0.00	43.47 0.00 0.00	47.38 0.00 0.00	50.30 0.00 0.00	50.22 0.00 0.00	77.61 0.00 0.00	93.56 0.00 0.00	88.55 0.00 0.00	279.16 0.00 0.00	902.31 0.00 0.00	85.34 0.00 0.00	54.82 0.00 0.00	55.13 0.00 0.00	45.90 0.00 0.00	45.19 0.00 0.00
NYPA_BRENTWD____GT 24164	46.64 2.30 -14.17	31.96 1.96 -4.04	26.19 1.78 0.00	26.49 1.83 0.00	25.63 1.72 0.00	24.87 1.70 0.00	30.87 2.22 0.00	34.21 2.43 0.00	33.12 2.54 0.00	38.35 2.98 -0.86	47.19 3.72 0.00	51.21 3.84 0.00	53.81 3.76 0.25	53.81 3.93 0.35	83.39 5.78 0.00	99.77 6.12 -0.09	95.30 5.96 -0.78	293.64 14.48 0.00	937.24 34.93 0.00	91.01 3.85 -1.82	71.79 2.39 -14.58	77.37 2.63 -19.61	52.31 2.72 -3.69	59.24 3.07 -10.97

NYPA_GOWANUS____GT5 24156	31.81 1.64 0.00	27.32 1.36 0.00	25.67 1.26 0.00	25.89 1.23 0.00	25.10 1.19 0.00	24.35 1.18 0.00	30.28 1.63 0.00	33.72 1.95 0.00	32.68 2.09 0.00	36.87 2.35 0.00	46.39 2.93 0.00	50.61 3.23 0.00	53.56 3.25 0.00	53.58 3.35 0.00	82.85 5.24 0.00	99.27 5.71 0.00	93.44 4.89 0.00	291.50 12.34 0.00	935.18 32.88 0.01	87.22 2.80 0.93	71.40 1.99 -14.58	76.42 2.10 -19.19	47.67 1.77 0.00	47.07 1.88 0.00
NYPA_GOWANUS____GT6 24157	31.81 1.64 0.00	27.32 1.36 0.00	25.67 1.26 0.00	25.89 1.23 0.00	25.10 1.19 0.00	24.35 1.18 0.00	30.28 1.63 0.00	33.72 1.95 0.00	32.68 2.09 0.00	36.87 2.35 0.00	46.39 2.93 0.00	50.61 3.23 0.00	53.56 3.25 0.00	53.58 3.35 0.00	82.85 5.24 0.00	99.27 5.71 0.00	93.44 4.89 0.00	291.50 12.34 0.00	935.18 32.88 0.01	87.22 2.80 0.93	71.40 1.99 -14.58	76.42 2.10 -19.19	47.67 1.77 0.00	47.07 1.88 0.00
NYPA_HARLEM__RVR__GT1 24160	31.75 1.57 0.00	27.27 1.32 0.00	25.68 1.26 -0.01	25.87 1.21 0.00	25.09 1.18 0.00	24.35 1.17 -0.01	30.20 1.55 0.00	33.63 1.85 0.00	32.54 1.95 0.00	36.64 2.13 0.00	46.11 2.65 0.00	50.27 2.89 0.00	53.17 2.87 0.00	53.36 3.13 0.00	82.51 4.90 0.00	99.17 5.61 0.00	93.59 5.04 0.00	292.67 13.50 0.00	938.44 36.14 0.01	88.31 2.96 0.00	71.30 1.89 -14.58	76.32 1.96 -19.23	47.61 1.70 -0.01	47.13 1.93 0.00
NYPA_HARLEM__RVR__GT2 24161	31.75 1.57 0.00	27.27 1.32 0.00	25.68 1.26 -0.01	25.87 1.21 0.00	25.09 1.18 0.00	24.35 1.17 -0.01	30.20 1.55 0.00	33.63 1.85 0.00	32.54 1.95 0.00	36.64 2.13 0.00	46.11 2.65 0.00	50.27 2.89 0.00	53.17 2.87 0.00	53.36 3.13 0.00	82.51 4.90 0.00	99.17 5.61 0.00	93.59 5.04 0.00	292.67 13.50 0.00	938.44 36.14 0.01	88.31 2.96 0.00	71.30 1.89 -14.58	76.32 1.96 -19.23	47.61 1.70 -0.01	47.13 1.93 0.00
NYPA_KENT____GT 24152	31.77 1.60 0.00	27.29 1.34 0.00	25.64 1.23 0.00	25.87 1.21 0.00	25.09 1.17 0.00	24.34 1.17 0.00	30.27 1.61 0.00	33.70 1.92 0.00	32.66 2.07 0.00	36.84 2.33 0.00	46.35 2.88 0.00	50.53 3.15 0.00	53.48 3.18 0.00	53.53 3.30 0.00	82.78 5.17 0.00	99.32 5.77 0.00	93.59 5.04 0.00	292.17 13.00 0.00	936.62 34.32 0.01	87.33 2.85 0.87	71.35 1.94 -14.58	76.35 2.03 -19.19	47.60 1.70 0.00	47.07 1.87 0.00
NYPA_POUCH1____GT 24155	31.72 1.55 0.00	27.24 1.28 0.00	25.59 1.19 0.00	25.81 1.15 0.00	25.03 1.12 0.00	24.28 1.11 0.00	30.18 1.53 0.00	33.58 1.80 0.00	32.56 1.97 0.00	36.72 2.20 0.00	46.16 2.70 0.00	50.36 2.98 0.00	53.30 3.00 0.00	53.33 3.11 0.00	82.53 4.91 0.00	98.96 5.40 0.00	93.12 4.57 0.00	290.62 11.46 0.00	933.04 30.74 0.01	87.07 2.65 0.93	71.34 1.93 -14.58	76.24 1.92 -19.19	46.64 1.59 0.85	46.71 1.66 0.14
NYPA_VERNON____GT2 24162	31.74 1.57 0.00	27.26 1.31 0.00	25.62 1.21 0.00	25.85 1.19 0.00	25.08 1.16 0.00	24.33 1.16 0.00	30.24 1.59 0.00	33.69 1.91 0.00	32.63 2.05 0.00	36.81 2.29 0.00	46.30 2.84 0.00	50.46 3.08 0.00	53.40 3.10 0.00	53.52 3.30 0.00	82.78 5.17 0.00	99.43 5.87 0.00	93.81 5.25 0.00	292.99 13.83 0.00	938.95 36.65 0.01	87.52 2.97 0.80	71.33 1.92 -14.58	76.32 2.00 -19.20	47.57 1.67 0.00	47.05 1.86 0.00
NYPA_VERNON____GT3 24163	31.74 1.57 0.00	27.26 1.31 0.00	25.62 1.21 0.00	25.85 1.19 0.00	25.08 1.16 0.00	24.33 1.16 0.00	30.24 1.59 0.00	33.69 1.91 0.00	32.63 2.05 0.00	36.81 2.29 0.00	46.30 2.84 0.00	50.46 3.08 0.00	53.40 3.10 0.00	53.52 3.30 0.00	82.78 5.17 0.00	99.43 5.87 0.00	93.81 5.25 0.00	292.99 13.83 0.00	938.95 36.65 0.01	87.52 2.97 0.80	71.33 1.92 -14.58	76.32 2.00 -19.20	47.57 1.67 0.00	47.05 1.86 0.00
NYPA____ASTORIA_CC1 323568	31.68 1.51 0.00	27.21 1.25 0.00	25.57 1.17 0.00	25.80 1.14 0.00	25.03 1.12 0.00	24.28 1.11 0.00	30.18 1.52 0.00	33.62 1.85 0.00	32.56 1.97 0.00	36.72 2.20 0.00	46.18 2.72 0.00	50.33 2.95 0.00	53.26 2.95 0.00	53.40 3.18 0.00	82.60 4.98 0.00	99.23 5.67 0.00	93.64 5.08 0.00	292.49 13.32 0.00	937.51 35.21 0.01	87.29 2.87 0.93	71.27 1.86 -14.58	76.23 1.91 -19.19	47.51 1.61 0.00	47.00 1.81 0.00
NYPA____ASTORIA_CC2 323569	31.68 1.51 0.00	27.21 1.25 0.00	25.57 1.17 0.00	25.80 1.14 0.00	25.03 1.12 0.00	24.28 1.11 0.00	30.18 1.52 0.00	33.62 1.85 0.00	32.56 1.97 0.00	36.72 2.20 0.00	46.18 2.72 0.00	50.33 2.95 0.00	53.26 2.95 0.00	53.40 3.18 0.00	82.60 4.98 0.00	99.23 5.67 0.00	93.64 5.08 0.00	292.49 13.32 0.00	937.51 35.21 0.01	87.29 2.87 0.93	71.27 1.86 -14.58	76.23 1.91 -19.19	47.51 1.61 0.00	47.00 1.81 0.00
NYPA____HOLTSVILL 23794	46.43 2.08 -14.17	31.78 1.79 -4.04	26.03 1.63 0.00	26.33 1.67 0.00	25.48 1.57 0.00	24.72 1.55 0.00	30.70 2.05 0.00	34.01 2.23 0.00	32.95 2.36 0.00	38.15 2.78 -0.86	46.98 3.52 0.00	50.94 3.57 0.00	53.64 3.52 0.18	53.64 3.67 0.26	83.04 5.43 0.00	100.70 6.46 -0.68	98.98 6.25 -4.17	293.42 14.26 0.00	935.57 33.26 0.00	91.25 4.09 -1.82	71.92 2.52 -14.58	77.26 2.52 -19.61	51.99 2.41 -3.69	58.96 2.79 -10.97
NYPA____HELLGATE_GT1 24158	31.75 1.57 0.00	27.27 1.32 0.00	25.67 1.26 0.00	25.87 1.21 0.00	25.09 1.18 0.00	24.34 1.17 0.00	30.20 1.55 0.00	33.63 1.85 0.00	32.54 1.95 0.00	36.65 2.14 0.00	46.11 2.65 0.00	50.27 2.89 0.00	53.17 2.87 0.00	53.36 3.13 0.00	82.51 4.90 0.00	99.17 5.61 0.00	93.59 5.04 0.00	292.67 13.50 0.00	938.44 36.14 0.01	88.31 2.96 0.00	71.30 1.89 -14.58	76.32 1.96 -19.23	47.61 1.70 -0.01	47.13 1.93 0.00
NYPA____HELLGATE_GT2 24159	31.75 1.57 0.00	27.27 1.32 0.00	25.67 1.26 0.00	25.87 1.21 0.00	25.09 1.18 0.00	24.34 1.17 0.00	30.20 1.55 0.00	33.63 1.85 0.00	32.54 1.95 0.00	36.65 2.14 0.00	46.11 2.65 0.00	50.27 2.89 0.00	53.17 2.87 0.00	53.36 3.13 0.00	82.51 4.90 0.00	99.17 5.61 0.00	93.59 5.04 0.00	292.67 13.50 0.00	938.44 36.14 0.01	88.31 2.96 0.00	71.30 1.89 -14.58	76.32 1.96 -19.23	47.61 1.70 -0.01	47.13 1.93 0.00
NYS_BARGE____HYD 23848	31.38 1.20 0.00	26.87 0.91 0.00	24.69 0.29 0.00	24.68 0.02 0.00	23.63 -0.28 0.00	23.00 -0.18 0.00	28.58 -0.08 0.00	31.57 -0.21 0.00	31.01 0.42 0.00	35.87 1.36 0.00	45.32 1.86 0.00	49.64 2.26 0.00	53.48 3.17 0.00	54.20 3.98 0.00	80.20 2.59 0.00	94.58 1.02 0.00	89.16 0.61 0.00	281.15 1.99 0.00	906.97 4.66 0.00	86.51 1.16 0.00	55.67 0.85 0.00	55.99 0.85 0.00	46.26 0.36 0.00	45.17 -0.03 0.00
OAK ORCHARD____HYD 24046	31.18 1.01 0.00	26.75 0.80 0.00	24.80 0.39 0.00	24.88 0.22 0.00	23.94 0.03 0.00	23.27 0.10 0.00	28.92 0.27 0.00	32.09 0.31 0.00	31.36 0.77 0.00	36.07 1.55 0.00	45.56 2.10 0.00	49.77 2.39 0.00	53.27 2.97 0.00	53.82 3.60 0.00	81.04 3.43 0.00	96.67 3.11 0.00	91.46 2.91 0.00	288.93 9.76 0.00	933.34 31.03 0.00	88.50 3.15 0.00	56.82 1.99 0.00	56.97 1.85 0.00	47.19 1.29 0.00	46.05 0.85 0.00

OAKDALE___35_KV_LOAD 356122	30.68 0.51 0.00	26.36 0.41 0.00	24.69 0.28 0.00	24.91 0.25 0.00	24.13 0.21 0.00	23.42 0.25 0.00	29.08 0.43 0.00	32.26 0.48 0.00	31.27 0.68 0.00	35.54 1.03 0.00	45.05 1.36 -0.23	50.71 1.89 -1.44	52.92 1.90 -0.72	53.19 2.05 -0.92	83.69 2.39 -3.69	100.36 2.34 -4.46	93.93 1.83 -3.55	291.26 6.98 -5.12	926.92 18.57 -6.04	90.84 1.66 -3.84	64.35 1.23 -8.29	66.65 1.28 -10.24	48.39 0.90 -1.59	46.84 0.69 -0.95
OCC_CHEM___DRP 24175	30.75 0.57 0.00	26.36 0.41 0.00	24.32 -0.09 0.00	24.34 -0.33 0.00	23.29 -0.62 0.00	22.66 -0.51 0.00	28.18 -0.47 0.00	31.03 -0.75 0.00	30.46 -0.13 0.00	35.22 0.70 0.00	44.50 1.04 0.00	48.88 1.50 0.00	52.80 2.50 0.00	53.20 2.98 0.00	78.45 0.84 0.00	92.22 -1.34 0.00	87.12 -1.44 0.00	274.55 -4.62 0.00	885.13 -17.17 0.00	84.34 -1.01 0.00	54.28 -0.55 0.00	54.56 -0.57 0.00	45.17 -0.73 0.00	44.34 -0.86 0.00
OH_GEN_PROXY 24063	30.81 0.64 0.00	50.69 0.46 -24.27	24.33 -0.07 0.00	24.35 -0.31 0.00	23.32 -0.60 0.00	22.68 -0.49 0.00	28.22 -0.44 0.00	31.19 -0.58 0.00	30.65 0.06 0.00	35.27 0.92 0.17	44.78 1.32 0.00	49.16 1.78 0.00	52.97 2.67 0.00	53.55 3.33 0.00	79.34 1.72 0.00	93.68 0.12 0.00	88.48 -0.07 0.00	279.12 -0.05 0.00	899.28 -3.03 0.00	74.20 0.09 11.23	54.95 0.12 0.00	55.17 0.04 0.00	45.64 -0.26 0.00	45.59 -0.61 -1.01
OLIN_CORP_DRP 24177	30.90 0.73 0.00	26.48 0.53 0.00	24.34 -0.07 0.00	24.31 -0.35 0.00	23.27 -0.64 0.00	22.65 -0.51 0.00	28.16 -0.49 0.00	31.12 -0.66 0.00	30.60 0.01 0.00	35.39 0.87 0.00	44.70 1.23 0.00	49.07 1.69 0.00	52.95 2.65 0.00	53.64 3.41 0.00	79.29 1.68 0.00	93.34 -0.21 0.00	87.89 -0.66 0.00	276.88 -2.29 0.00	892.38 -9.93 0.00	85.25 -0.10 0.00	54.91 0.08 0.00	55.19 0.05 0.00	45.54 -0.36 0.00	44.53 -0.66 0.00
OLIN_CORP_DSASP 323712	30.75 0.57 0.00	26.36 0.41 0.00	24.32 -0.09 0.00	24.34 -0.33 0.00	23.29 -0.63 0.00	22.66 -0.51 0.00	28.18 -0.47 0.00	31.03 -0.74 0.00	30.46 -0.13 0.00	35.22 0.71 0.00	44.54 1.07 0.00	48.88 1.50 0.00	52.80 2.49 0.00	53.21 2.98 0.00	78.46 0.84 0.00	92.21 -1.35 0.00	87.11 -1.44 0.00	274.48 -4.69 0.00	884.86 -17.45 0.00	84.34 -1.00 0.00	54.26 -0.57 0.00	54.56 -0.57 0.00	45.19 -0.71 0.00	44.35 -0.84 0.00
ONEIDA_HERK_LFGE 323681	30.74 0.56 0.00	26.45 0.50 0.00	24.84 0.43 0.00	25.05 0.39 0.00	24.20 0.29 0.00	23.76 0.60 0.00	29.61 0.96 0.00	33.03 1.26 0.00	31.70 1.11 0.00	35.71 1.20 0.00	45.00 1.40 -0.13	49.50 1.26 -0.86	50.97 1.33 0.66	52.35 1.57 -0.55	82.24 2.43 -2.20	99.04 2.82 -2.66	93.44 2.77 -2.12	291.99 9.78 -3.05	940.72 34.80 -3.61	91.26 3.63 -2.29	58.71 2.55 -1.33	59.14 2.67 -1.34	48.79 1.94 -0.95	47.36 1.59 -0.56
ONEIDA___115KV_TB4 55905	31.30 1.13 0.00	26.87 0.92 0.00	25.21 0.80 0.00	25.44 0.78 0.00	24.64 0.72 0.00	23.98 0.82 0.00	29.80 1.14 0.00	33.10 1.32 0.00	31.87 1.28 0.00	36.00 1.48 0.00	45.51 1.86 -0.18	50.64 2.08 -1.18	52.98 2.09 -0.58	53.17 2.19 -0.75	83.80 3.18 -3.01	100.89 3.70 -3.64	95.00 3.54 -2.90	295.31 11.97 -4.18	947.82 40.57 -4.94	92.50 4.01 -3.14	59.37 2.73 -1.82	59.75 2.80 -1.83	49.60 2.40 -1.30	48.02 2.05 -0.77
ONONDAGA_REF_OCCRA 23987	30.48 0.31 0.00	26.21 0.26 0.00	24.56 0.15 0.00	24.78 0.12 0.00	23.98 0.07 0.00	23.27 0.10 0.00	28.80 0.15 0.00	31.90 0.12 0.00	30.87 0.29 0.00	35.03 0.51 0.00	44.65 0.76 -0.42	51.11 1.06 -2.68	52.74 1.11 -1.33	53.27 1.33 -1.72	86.01 1.54 -6.86	103.43 1.58 -8.29	96.57 1.42 -6.61	293.73 5.05 -9.51	929.11 15.57 -11.23	94.03 1.55 -7.14	59.97 1.01 -4.14	60.24 0.95 -4.16	49.47 0.62 -2.95	47.32 0.37 -1.76
ONONDAGA___COGEN 23986	30.46 0.29 0.00	26.20 0.25 0.00	24.54 0.13 0.00	24.79 0.12 0.00	23.99 0.08 0.00	23.26 0.09 0.00	28.77 0.12 0.00	31.86 0.08 0.00	30.80 0.21 0.00	34.89 0.37 0.00	44.63 0.53 -0.63	52.10 0.75 -3.98	53.04 0.75 -1.98	53.74 0.96 -2.55	88.78 0.98 -10.19	106.78 0.90 -12.32	99.16 0.80 -9.81	296.51 3.22 -14.13	928.58 9.59 -16.68	96.97 1.02 -10.60	61.65 0.69 -6.14	61.95 0.64 -6.18	50.67 0.38 -4.38	47.96 0.15 -2.61
ONTARIO___LFGE 23819	31.09 0.92 0.00	26.63 0.68 0.00	24.81 0.40 0.00	24.95 0.29 0.00	24.11 0.20 0.00	23.48 0.31 0.00	29.23 0.58 0.00	32.48 0.70 0.00	31.65 1.06 0.00	36.34 1.83 0.00	46.18 2.51 -0.21	51.73 3.04 -1.32	54.20 3.24 -0.66	54.70 3.63 -0.84	85.17 4.18 -3.38	101.76 4.13 -4.08	95.32 3.51 -3.25	297.38 13.53 -4.69	955.18 47.34 -5.53	93.42 4.56 -3.51	59.80 2.94 -2.04	59.87 2.69 -2.05	49.14 1.79 -1.45	47.43 1.37 -0.87
ORANGEVILLE_WT_PWR 323706	30.78 0.61 0.00	26.31 0.36 0.00	24.31 -0.09 0.00	24.39 -0.27 0.00	23.46 -0.46 0.00	22.89 -0.28 0.00	28.53 -0.12 0.00	31.65 -0.13 0.00	31.25 0.66 0.00	36.16 1.64 0.00	45.76 2.30 0.00	50.46 3.09 0.00	54.01 3.71 0.00	54.56 4.33 0.00	81.50 3.89 0.00	96.52 2.96 0.00	90.93 2.38 0.00	287.72 8.55 0.00	925.17 22.86 0.00	87.64 2.29 0.00	56.33 1.51 0.00	56.52 1.40 0.00	46.72 0.82 0.00	45.74 0.54 0.00
ORANGEVILLE___ESR 323794	30.78 0.61 0.00	26.31 0.36 0.00	24.31 -0.09 0.00	24.39 -0.27 0.00	23.46 -0.46 0.00	22.89 -0.28 0.00	28.53 -0.12 0.00	31.65 -0.13 0.00	31.25 0.66 0.00	36.16 1.64 0.00	45.76 2.30 0.00	50.46 3.09 0.00	54.01 3.71 0.00	54.56 4.33 0.00	81.50 3.89 0.00	96.52 2.96 0.00	90.93 2.38 0.00	287.72 8.55 0.00	925.17 22.86 0.00	87.64 2.29 0.00	56.33 1.51 0.00	56.52 1.40 0.00	46.72 0.82 0.00	45.74 0.54 0.00
OSWEGATCHIE___HYD 24044	29.91 -0.27 0.00	25.70 -0.25 0.00	24.17 -0.23 0.00	24.34 -0.32 0.00	23.52 -0.39 0.00	23.28 0.11 0.00	29.02 0.37 0.00	32.43 0.66 0.00	30.82 0.23 0.00	34.57 0.05 0.00	43.29 -0.39 -0.21	47.64 -1.06 -1.33	40.29 -1.29 8.72	49.94 -1.14 -0.85	79.88 -1.13 -3.40	96.92 -0.75 -4.11	91.15 -0.68 -3.28	283.10 -0.78 -4.71	909.93 2.09 -5.53	89.85 0.99 -3.51	57.80 0.94 -2.04	58.45 1.27 -2.05	48.12 0.77 -1.45	46.66 0.60 -0.87
OSWEGO___5 23606	29.82 -0.35 0.00	25.68 -0.27 0.00	24.07 -0.33 0.00	24.29 -0.38 0.00	23.52 -0.39 0.00	22.82 -0.35 0.00	28.22 -0.44 0.00	31.24 -0.53 0.00	30.18 -0.40 0.00	34.18 -0.34 0.00	45.73 -0.36 -2.63	63.75 -0.28 -16.65	58.32 -0.27 -8.29	60.78 -0.11 -10.67	119.63 -0.62 -42.64	144.15 -0.99 -51.58	128.60 -1.02 -41.07	335.47 -2.84 -59.15	962.60 -9.52 -69.82	128.94 -0.78 -44.38	80.08 -0.45 -25.71	80.52 -0.47 -25.86	63.75 -0.49 -18.34	55.48 -0.65 -10.93
OSWEGO___6 23613	29.82 -0.35 0.00	25.68 -0.27 0.00	24.07 -0.33 0.00	24.29 -0.38 0.00	23.52 -0.39 0.00	22.82 -0.35 0.00	28.22 -0.44 0.00	31.24 -0.53 0.00	30.18 -0.40 0.00	34.18 -0.34 0.00	45.73 -0.36 -2.63	63.75 -0.28 -16.65	58.32 -0.27 -8.29	60.78 -0.11 -10.67	119.63 -0.62 -42.64	144.15 -0.99 -51.58	128.60 -1.02 -41.07	335.47 -2.84 -59.15	962.60 -9.52 -69.82	128.94 -0.78 -44.38	80.08 -0.45 -25.71	80.52 -0.47 -25.86	63.75 -0.49 -18.34	55.48 -0.65 -10.93

OUTOKUMPU-AB___DRP 24206	31.50 1.32 0.00	26.97 1.02 0.00	24.81 0.41 0.00	24.82 0.16 0.00	23.76 -0.15 0.00	23.13 -0.04 0.00	28.78 0.13 0.00	31.82 0.04 0.00	31.29 0.70 0.00	36.21 1.70 0.00	45.72 2.26 0.00	50.31 2.94 0.00	54.27 3.97 0.00	54.92 4.70 0.00	81.17 3.55 0.00	95.76 2.20 0.00	90.23 1.67 0.00	285.09 5.93 0.00	917.74 15.43 0.00	87.30 1.96 0.00	56.20 1.38 0.00	56.53 1.40 0.00	46.64 0.74 0.00	45.59 0.39 0.00
OXBOW___BTM 323836	31.19 1.02 0.00	26.72 0.77 0.00	24.62 0.21 0.00	24.63 -0.03 0.00	23.58 -0.34 0.00	22.94 -0.23 0.00	28.54 -0.11 0.00	31.50 -0.27 0.00	30.95 0.37 0.00	35.81 1.30 0.00	45.26 1.80 0.00	49.74 2.36 0.00	53.71 3.40 0.00	54.23 4.01 0.00	79.74 2.13 0.00	93.92 0.37 0.00	88.48 -0.08 0.00	279.20 0.03 0.00	899.51 -2.80 0.00	85.70 0.35 0.00	55.33 0.51 0.00	55.72 0.58 0.00	46.08 0.18 0.00	45.11 -0.09 0.00
OXBOW___ 24026	31.19 1.02 0.00	26.72 0.77 0.00	24.62 0.21 0.00	24.63 -0.03 0.00	23.58 -0.34 0.00	22.94 -0.23 0.00	28.54 -0.11 0.00	31.50 -0.27 0.00	30.95 0.36 0.00	35.81 1.29 0.00	45.22 1.76 0.00	49.73 2.36 0.00	53.71 3.40 0.00	54.23 4.00 0.00	79.74 2.13 0.00	93.92 0.37 0.00	88.48 -0.07 0.00	279.31 0.14 0.00	899.75 -2.56 0.00	85.68 0.33 0.00	55.35 0.53 0.00	55.72 0.59 0.00	46.06 0.16 0.00	45.11 -0.09 0.00
OXY_CHEM_DSASP 323612	30.75 0.57 0.00	26.36 0.41 0.00	24.32 -0.09 0.00	24.34 -0.33 0.00	23.29 -0.62 0.00	22.66 -0.51 0.00	28.18 -0.47 0.00	31.03 -0.75 0.00	30.46 -0.13 0.00	35.22 0.70 0.00	44.50 1.04 0.00	48.88 1.50 0.00	52.80 2.50 0.00	53.20 2.98 0.00	78.45 0.84 0.00	92.22 -1.34 0.00	87.12 -1.44 0.00	274.55 -4.62 0.00	885.13 -17.17 0.00	84.34 -1.01 0.00	54.28 -0.55 0.00	54.56 -0.57 0.00	45.17 -0.73 0.00	44.34 -0.86 0.00
OZONE_PARK_ESR 323760	32.04 1.87 0.00	27.52 1.57 0.00	25.85 1.44 0.00	26.08 1.42 0.00	25.29 1.38 0.00	24.54 1.37 0.00	30.52 1.86 0.00	33.96 2.19 0.00	32.92 2.33 0.00	37.19 2.68 0.00	46.83 3.36 0.00	51.03 3.66 0.00	54.01 3.71 0.00	54.17 3.94 0.00	83.75 6.14 0.00	100.74 7.19 0.00	95.18 6.63 0.00	297.98 18.82 0.00	955.75 53.44 0.00	89.76 4.42 0.00	72.18 2.78 -14.59	77.20 2.84 -19.23	48.20 2.30 0.00	47.60 2.41 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	30.75 0.57 0.00	26.36 0.41 0.00	24.32 -0.09 0.00	24.34 -0.33 0.00	23.29 -0.62 0.00	22.66 -0.51 0.00	28.18 -0.47 0.00	31.03 -0.75 0.00	30.46 -0.13 0.00	35.22 0.70 0.00	44.50 1.04 0.00	48.88 1.50 0.00	52.80 2.50 0.00	53.20 2.98 0.00	78.45 0.84 0.00	92.22 -1.34 0.00	87.12 -1.44 0.00	274.55 -4.62 0.00	885.13 -17.17 0.00	84.34 -1.01 0.00	54.28 -0.55 0.00	54.56 -0.57 0.00	45.17 -0.73 0.00	44.34 -0.86 0.00
PACKARD__115KV_DUPONT_184 80571	30.75 0.57 0.00	26.36 0.41 0.00	24.32 -0.09 0.00	24.34 -0.33 0.00	23.29 -0.62 0.00	22.66 -0.51 0.00	28.18 -0.47 0.00	31.03 -0.75 0.00	30.46 -0.13 0.00	35.22 0.70 0.00	44.50 1.04 0.00	48.88 1.50 0.00	52.80 2.50 0.00	53.20 2.98 0.00	78.45 0.84 0.00	92.22 -1.34 0.00	87.12 -1.44 0.00	274.55 -4.62 0.00	885.13 -17.17 0.00	84.34 -1.01 0.00	54.28 -0.55 0.00	54.56 -0.57 0.00	45.17 -0.73 0.00	44.34 -0.86 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	31.66 1.48 0.00	27.19 1.24 0.00	25.58 1.18 0.00	25.80 1.13 0.00	25.00 1.09 0.00	24.25 1.08 0.00	30.12 1.46 0.00	33.54 1.76 0.00	32.45 1.86 0.00	36.59 2.07 0.00	46.10 2.64 0.00	50.29 2.91 0.00	53.24 2.93 0.00	53.40 3.18 0.00	82.62 5.01 0.00	99.30 5.75 0.00	93.73 5.18 0.00	293.29 14.12 0.00	941.46 39.16 0.01	88.59 3.25 0.00	71.47 2.07 -14.58	76.49 2.13 -19.23	47.73 1.83 0.00	47.21 2.01 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	31.80 1.63 0.00	27.30 1.34 0.00	25.68 1.27 0.00	25.90 1.24 0.00	25.11 1.20 0.00	24.36 1.19 0.00	30.25 1.59 0.00	33.69 1.91 0.00	32.60 2.02 0.00	36.78 2.26 0.00	46.41 2.94 0.00	50.72 3.35 0.00	53.74 3.43 0.00	53.87 3.65 0.00	83.40 5.79 0.00	100.33 6.77 0.00	94.57 6.02 0.00	295.92 16.76 0.00	949.51 47.21 0.01	89.33 3.99 0.00	71.90 2.49 -14.58	76.97 2.61 -19.23	48.12 2.22 0.00	47.54 2.35 0.00
PATROON__115KV_TB1 80586	30.96 0.78 0.00	26.65 0.69 0.00	25.09 0.69 0.00	25.43 0.76 0.00	24.64 0.73 0.00	23.77 0.60 0.00	29.48 0.82 0.00	32.59 0.81 0.00	31.32 0.73 0.00	35.27 0.75 0.00	44.56 1.10 0.00	48.59 1.21 0.00	51.52 1.22 0.00	51.51 1.28 0.00	79.60 1.98 0.00	95.92 2.37 0.00	90.81 2.26 0.00	286.41 7.24 0.00	927.51 25.20 0.00	87.44 2.10 0.00	165.99 1.45 -109.71	201.38 1.60 -144.65	47.12 1.22 0.00	46.41 1.22 0.00
PATTRSNVILLE___SOLAR 323815	31.37 1.20 0.00	26.97 1.02 0.00	25.35 0.94 0.00	25.63 0.96 0.00	24.84 0.93 0.00	24.03 0.86 0.00	29.77 1.12 0.00	32.90 1.12 0.00	31.59 1.00 0.00	35.63 1.11 0.00	44.86 1.40 0.00	48.97 1.59 0.00	51.93 1.62 0.00	52.00 1.78 0.00	80.49 2.88 0.00	97.02 3.46 0.00	91.75 3.20 0.00	289.96 10.79 0.00	940.60 38.29 0.00	89.05 3.71 0.00	233.11 2.63 -175.66	289.41 2.68 -231.60	48.01 2.11 0.00	47.21 2.01 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	31.74 1.57 0.00	27.16 1.21 0.00	25.03 0.62 0.00	25.07 0.41 0.00	24.05 0.14 0.00	23.44 0.27 0.00	29.21 0.55 0.00	32.40 0.62 0.00	31.86 1.27 0.00	36.80 2.29 0.00	46.48 3.02 0.00	51.31 3.93 0.00	55.05 4.75 0.00	55.77 5.54 0.00	83.08 5.47 0.00	98.34 4.78 0.00	92.81 4.26 0.00	293.60 14.43 0.00	942.95 40.64 0.00	89.27 3.93 0.00	57.42 2.59 0.00	57.74 2.61 0.00	47.60 1.69 0.00	46.37 1.17 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	31.83 1.65 0.00	27.36 1.40 0.00	25.69 1.28 0.00	25.94 1.27 0.00	25.14 1.22 0.00	24.36 1.19 0.00	30.32 1.67 0.00	33.69 1.91 0.00	32.60 2.01 0.00	36.81 2.30 0.00	46.45 2.99 0.00	50.70 3.32 0.00	53.74 3.44 0.00	53.96 3.73 0.00	83.45 5.84 0.00	100.68 7.12 0.00	95.31 6.76 0.00	299.07 19.91 0.00	960.31 58.00 0.00	90.28 4.93 0.00	73.08 3.07 -15.19	78.15 3.00 -20.02	48.27 2.37 0.00	47.50 2.31 0.00
PEEKSKILL___ 23653	31.45 1.28 0.00	27.05 1.09 0.00	25.41 1.00 0.00	25.66 1.00 0.00	24.88 0.97 0.00	24.11 0.94 0.00	29.96 1.31 0.00	33.25 1.48 0.00	32.16 1.57 0.00	36.29 1.78 0.00	45.73 2.26 0.00	49.90 2.52 0.00	52.82 2.52 0.00	53.00 2.78 0.00	81.99 4.38 0.00	98.76 5.21 0.00	93.33 4.78 0.00	292.54 13.38 0.00	938.92 36.61 0.00	88.23 2.88 0.00	71.01 1.81 -14.38	76.00 1.90 -18.96	47.43 1.53 0.00	46.82 1.63 0.00
PGE MADISON___WINDPWR 24146	32.81 2.64 0.00	28.07 2.11 0.00	26.24 1.84 0.00	26.36 1.70 0.00	25.69 1.78 0.00	25.09 1.93 0.00	31.24 2.59 0.00	34.78 3.00 0.00	33.61 3.02 0.00	38.01 3.50 0.00	48.05 4.35 -0.24	54.37 5.45 -1.55	56.75 5.68 -0.77	57.40 6.18 -0.99	89.67 8.09 -3.96	107.97 9.63 -4.79	101.52 9.15 -3.82	317.22 32.56 -5.50	1022.60 113.80 -6.49	100.69 11.22 -4.13	73.24 7.19 -11.23	75.85 6.66 -14.06	52.40 4.80 -1.70	50.40 4.19 -1.02

PIERCEFIELD___HYD 23852	29.54 -0.63 0.00	25.26 -0.69 0.00	23.81 -0.59 0.00	24.02 -0.64 0.00	23.31 -0.60 0.00	22.81 -0.36 0.00	28.26 -0.39 0.00	31.44 -0.34 0.00	29.81 -0.78 0.00	33.36 -1.16 0.00	41.55 -2.02 -0.11	45.32 -2.74 -0.68	33.41 -3.08 13.82	47.43 -3.23 -0.44	75.30 -4.05 -1.74	92.41 -3.25 -2.11	87.23 -3.00 -1.68	272.72 -8.85 -2.40	879.48 -25.62 -2.79	85.35 -1.77 -1.77	54.75 -1.10 -1.03	55.39 -0.78 -1.03	45.88 -0.75 -0.73	45.08 -0.55 -0.44
PINELAWN_CC_1 323563	46.49 2.14 -14.17	31.80 1.81 -4.04	26.04 1.64 0.00	26.33 1.67 0.00	25.48 1.57 0.00	24.72 1.55 0.00	30.70 2.05 0.00	34.03 2.26 0.00	32.97 2.38 0.00	38.14 2.76 -0.86	46.90 3.43 0.00	50.92 3.54 0.00	53.73 3.52 0.09	53.76 3.66 0.12	83.16 5.55 0.00	100.24 6.68 0.00	95.30 6.50 -0.25	295.97 16.80 0.00	945.78 43.47 0.00	91.51 4.35 -1.82	72.13 2.72 -14.58	77.54 2.80 -19.61	52.14 2.55 -3.69	58.98 2.82 -10.97
PJM_GEN_HTTP_PROXY 323702	31.68 1.51 0.00	27.22 1.27 0.00	25.58 1.17 0.00	25.82 1.16 0.00	25.03 1.12 0.00	24.28 1.11 0.00	30.19 1.54 0.00	33.44 1.80 0.14	32.53 1.95 0.00	36.74 2.22 0.00	46.23 2.76 0.00	50.38 3.01 0.00	52.28 3.03 1.06	53.48 3.25 0.00	82.74 5.02 -0.11	99.42 5.86 0.00	93.91 5.36 0.00	294.00 14.83 0.00	962.17 40.24 -19.62	79.38 3.20 9.16	71.42 2.01 -14.59	76.44 2.08 -19.23	46.15 1.68 1.43	47.03 1.83 0.00
PJM_GEN_KEystone 24065	30.87 0.70 0.00	26.52 0.57 0.00	24.79 0.38 0.00	24.99 0.33 0.00	24.17 0.25 0.00	23.48 0.32 0.00	29.23 0.57 0.00	32.28 0.64 0.14	31.52 0.93 0.00	35.86 1.34 0.00	45.24 1.77 0.00	51.68 2.26 -2.04	51.37 2.26 1.19	52.89 2.66 0.00	80.86 3.14 -0.11	96.89 3.02 -0.31	85.62 2.31 5.24	278.68 7.14 7.63	930.81 15.11 -13.39	77.06 1.03 9.31	64.55 0.75 -8.97	67.94 0.92 -11.89	45.07 0.66 1.49	49.53 0.57 -3.76
PJM_GEN_NEPTUNE_PROXY 323594	39.41 1.72 -7.52	29.56 1.46 -2.14	25.73 1.32 0.00	26.01 1.34 0.00	25.18 1.27 0.00	24.42 1.25 0.00	30.33 1.67 0.00	33.49 1.85 0.14	32.57 1.98 0.00	37.26 2.29 -0.46	46.33 2.87 0.00	50.40 3.02 0.00	52.22 2.97 1.06	53.37 3.13 -0.01	82.47 4.74 -0.11	99.19 5.70 0.07	93.98 5.43 0.00	293.11 13.95 0.00	956.82 34.89 -19.62	80.82 3.25 7.77	71.47 2.07 -14.58	76.82 2.17 -19.52	49.28 1.99 -1.39	53.50 2.22 -6.09
PJM_GEN_VFT_PROXY 323633	31.51 1.34 0.00	27.09 1.13 0.00	25.44 1.03 0.00	25.68 1.01 0.00	24.90 0.99 0.00	24.14 0.97 0.00	30.01 1.36 0.00	33.25 1.61 0.14	32.33 1.74 0.00	36.50 1.98 0.00	45.95 2.49 0.00	50.04 2.67 0.00	49.97 2.61 2.95	53.06 2.84 0.00	82.21 4.48 -0.11	94.99 5.21 3.78	81.01 4.72 12.27	182.98 12.77 108.96	866.79 33.85 69.37	76.68 2.63 11.30	70.17 1.64 -13.71	75.79 1.69 -18.97	44.98 1.37 2.28	46.56 1.51 0.14
PLATSBURG_115KV_PMLD1 355749	30.34 0.17 0.00	25.62 -0.33 0.00	24.42 0.01 0.00	24.60 -0.07 0.00	23.87 -0.05 0.00	23.02 -0.14 0.00	28.33 -0.33 0.00	31.78 0.00 0.00	30.66 0.07 0.00	34.41 -0.11 0.00	42.71 -0.75 0.00	45.76 -1.61 0.00	30.31 -2.26 17.74	47.80 -2.43 0.00	74.82 -2.79 0.00	90.34 -3.22 0.00	85.94 -2.61 0.00	271.49 -7.68 0.00	879.63 -22.68 0.00	83.51 -1.83 0.00	53.67 -1.15 0.00	53.97 -1.16 0.00	45.08 -0.82 0.00	44.96 -0.23 0.00
PLEASANTVLY___LBMP 24000	31.29 1.12 0.00	26.91 0.96 0.00	25.29 0.89 0.00	25.56 0.90 0.00	24.78 0.87 0.00	23.99 0.82 0.00	29.83 1.17 0.00	33.08 1.31 0.00	31.95 1.36 0.00	36.00 1.49 0.00	45.41 1.95 0.00	49.51 2.13 0.00	52.42 2.12 0.00	52.51 2.29 0.00	81.16 3.55 0.00	97.86 4.30 0.00	92.59 4.04 0.00	290.60 11.44 0.00	935.51 33.20 0.00	87.96 2.61 0.00	72.06 1.66 -15.57	77.37 1.71 -20.53	47.30 1.40 0.00	46.68 1.48 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	31.58 1.40 0.00	27.14 1.18 0.00	25.50 1.10 0.00	25.76 1.10 0.00	24.97 1.06 0.00	24.19 1.02 0.00	30.08 1.43 0.00	33.41 1.63 0.00	32.30 1.72 0.00	36.46 1.94 0.00	45.95 2.49 0.00	50.11 2.73 0.00	53.07 2.77 0.00	53.24 3.01 0.00	82.34 4.73 0.00	99.17 5.61 0.00	93.76 5.20 0.00	293.93 14.76 0.00	944.04 41.73 0.00	88.71 3.37 0.00	71.63 2.10 -14.71	76.67 2.14 -19.39	47.64 1.74 0.00	47.00 1.81 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	31.58 1.40 0.00	27.14 1.18 0.00	25.50 1.10 0.00	25.76 1.10 0.00	24.97 1.06 0.00	24.19 1.02 0.00	30.08 1.43 0.00	33.41 1.63 0.00	32.30 1.72 0.00	36.46 1.94 0.00	45.95 2.49 0.00	50.11 2.73 0.00	53.07 2.77 0.00	53.24 3.01 0.00	82.34 4.73 0.00	99.17 5.61 0.00	93.76 5.20 0.00	293.93 14.76 0.00	944.04 41.73 0.00	88.71 3.37 0.00	71.63 2.10 -14.71	76.67 2.14 -19.39	47.64 1.74 0.00	47.00 1.81 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	31.59 1.42 0.00	27.15 1.20 0.00	25.51 1.10 0.00	25.76 1.10 0.00	24.97 1.06 0.00	24.19 1.02 0.00	30.09 1.44 0.00	33.41 1.64 0.00	32.29 1.71 0.00	36.42 1.91 0.00	45.96 2.49 0.00	50.16 2.78 0.00	53.16 2.85 0.00	53.30 3.08 0.00	82.45 4.84 0.00	99.54 5.98 0.00	94.32 5.77 0.00	296.33 17.16 0.00	953.30 50.99 0.00	89.67 4.33 0.00	74.27 2.69 -16.75	79.87 2.64 -22.09	47.98 2.08 0.00	47.25 2.06 0.00
POLETTI_____ 23519	31.62 1.45 0.00	27.18 1.23 0.00	25.54 1.14 0.00	25.78 1.12 0.00	25.01 1.09 0.00	24.26 1.09 0.00	30.13 1.47 0.00	33.51 1.74 0.00	32.47 1.88 0.00	36.67 2.15 0.00	46.13 2.67 0.00	50.27 2.89 0.00	53.19 2.89 0.00	53.34 3.12 0.00	82.48 4.87 0.00	99.23 5.67 0.00	93.74 5.18 0.00	293.33 14.17 0.00	940.41 38.10 0.00	88.37 3.03 0.00	71.29 1.88 -14.59	76.32 1.96 -19.23	47.49 1.59 0.00	46.93 1.73 0.00
POMONA___ESR 323819	31.39 1.22 0.00	27.01 1.06 0.00	25.38 0.98 0.00	25.64 0.97 0.00	24.86 0.94 0.00	24.08 0.91 0.00	29.90 1.24 0.00	33.17 1.39 0.00	32.06 1.47 0.00	36.19 1.68 0.00	45.63 2.17 0.00	49.85 2.47 0.00	52.78 2.48 0.00	53.03 2.81 0.00	82.08 4.47 0.00	98.90 5.34 0.00	93.37 4.82 0.00	292.62 13.46 0.00	938.72 36.41 0.00	88.13 2.78 0.00	70.38 1.70 -13.86	75.24 1.84 -18.27	47.34 1.44 0.00	46.70 1.51 0.00
PORT_JEFF_3 23555	46.49 2.14 -14.17	31.83 1.83 -4.04	26.06 1.66 0.00	26.36 1.70 0.00	25.51 1.60 0.00	24.75 1.58 0.00	30.73 2.08 0.00	34.06 2.29 0.00	33.01 2.42 0.00	38.23 2.86 -0.86	47.07 3.61 0.00	51.06 3.68 0.00	53.68 3.58 0.20	53.63 3.69 0.28	82.96 5.35 0.00	100.64 6.32 -0.76	99.20 6.04 -4.61	292.65 13.48 0.00	932.78 30.47 0.00	91.02 3.86 -1.82	71.81 2.41 -14.58	77.19 2.45 -19.61	51.93 2.35 -3.69	58.99 2.83 -10.97
PORT_JEFF_4 23616	46.49 2.14 -14.17	31.83 1.83 -4.04	26.06 1.66 0.00	26.36 1.70 0.00	25.51 1.60 0.00	24.75 1.58 0.00	30.73 2.08 0.00	34.06 2.29 0.00	33.01 2.42 0.00	38.23 2.86 -0.86	47.07 3.61 0.00	51.06 3.68 0.00	53.68 3.58 0.20	53.63 3.69 0.28	82.96 5.35 0.00	100.64 6.32 -0.76	99.20 6.04 -4.61	292.65 13.48 0.00	932.78 30.47 0.00	91.02 3.86 -1.82	71.81 2.41 -14.58	77.19 2.45 -19.61	51.93 2.35 -3.69	58.99 2.83 -10.97

PORT_JEFF_IC 23713	46.52 2.17 -14.17	31.85 1.86 -4.04	26.09 1.69 0.00	26.39 1.73 0.00	25.53 1.62 0.00	24.78 1.61 0.00	30.76 2.10 0.00	34.09 2.32 0.00	33.05 2.46 0.00	38.30 2.93 -0.85	47.19 3.73 0.00	51.17 3.79 0.00	53.77 3.73 0.27	53.72 3.88 0.38	83.33 5.72 0.00	101.28 6.70 -1.03	100.85 6.16 -6.14	292.86 13.70 0.00	933.46 31.14 0.00	91.11 3.95 -1.82	72.00 2.60 -14.58	77.42 2.68 -19.61	52.09 2.51 -3.69	59.10 2.94 -10.97
PPL PILGRIM_ST_GT1 24216	46.64 2.30 -14.17	31.96 1.96 -4.04	26.19 1.78 0.00	26.49 1.83 0.00	25.63 1.72 0.00	24.87 1.70 0.00	30.87 2.22 0.00	34.21 2.43 0.00	33.12 2.54 0.00	38.35 2.98 -0.86	47.19 3.72 0.00	51.21 3.84 0.00	53.81 3.76 0.25	53.81 3.93 0.35	83.39 5.78 0.00	99.77 6.12 -0.09	95.30 5.96 -0.78	293.64 14.48 0.00	937.24 34.93 0.00	91.01 3.85 -1.82	71.79 2.39 -14.58	77.37 2.63 -19.61	52.31 2.72 -3.69	59.24 3.07 -10.97
PPL PILGRIM_ST_GT2 24217	46.64 2.30 -14.17	31.96 1.96 -4.04	26.19 1.78 0.00	26.49 1.83 0.00	25.63 1.72 0.00	24.87 1.70 0.00	30.87 2.22 0.00	34.21 2.43 0.00	33.12 2.54 0.00	38.35 2.98 -0.86	47.19 3.72 0.00	51.21 3.84 0.00	53.81 3.76 0.25	53.81 3.93 0.35	83.39 5.78 0.00	99.77 6.12 -0.09	95.30 5.96 -0.78	293.64 14.48 0.00	937.24 34.93 0.00	91.01 3.85 -1.82	71.79 2.39 -14.58	77.37 2.63 -19.61	52.31 2.72 -3.69	59.24 3.07 -10.97
PPL_SHRM_GT3 24213	46.39 2.04 -14.17	31.72 1.72 -4.04	25.96 1.55 0.00	26.26 1.60 0.00	25.42 1.51 0.00	24.66 1.49 0.00	30.64 1.99 0.00	33.97 2.20 0.00	32.94 2.35 0.00	38.17 2.80 -0.86	46.95 3.48 0.00	50.89 3.51 0.00	53.66 3.58 0.22	53.71 3.79 0.30	83.29 5.69 0.00	101.31 6.94 -0.81	100.31 6.86 -4.90	294.10 14.93 0.00	934.19 31.88 0.00	91.11 3.94 -1.82	71.68 2.28 -14.58	76.96 2.22 -19.61	51.65 2.06 -3.69	58.80 2.64 -10.97
PPL_SHRM_GT4 24214	46.39 2.04 -14.17	31.72 1.72 -4.04	25.96 1.55 0.00	26.26 1.60 0.00	25.42 1.51 0.00	24.66 1.49 0.00	30.64 1.99 0.00	33.97 2.20 0.00	32.94 2.35 0.00	38.17 2.80 -0.86	46.95 3.48 0.00	50.89 3.51 0.00	53.66 3.58 0.22	53.71 3.79 0.30	83.29 5.69 0.00	101.31 6.94 -0.81	100.31 6.86 -4.90	294.10 14.93 0.00	934.19 31.88 0.00	91.11 3.94 -1.82	71.68 2.28 -14.58	76.96 2.22 -19.61	51.65 2.06 -3.69	58.80 2.64 -10.97
PROJECT___ORANGE 1 24174	30.35 0.18 0.00	26.12 0.16 0.00	24.47 0.07 0.00	24.68 0.02 0.00	23.89 -0.02 0.00	23.19 0.02 0.00	28.71 0.05 0.00	31.80 0.02 0.00	30.77 0.18 0.00	34.91 0.39 0.00	44.43 0.63 -0.34	50.43 0.89 -2.16	52.32 0.94 -1.08	52.76 1.15 -1.39	84.39 1.23 -5.55	101.45 1.19 -6.71	94.92 1.03 -5.34	290.66 3.80 -7.69	922.55 11.16 -9.08	92.25 1.14 -5.77	58.93 0.76 -3.34	59.20 0.70 -3.36	48.71 0.42 -2.39	46.80 0.18 -1.42
PROJECT___ORANGE 2 24166	30.35 0.18 0.00	26.12 0.16 0.00	24.47 0.07 0.00	24.68 0.02 0.00	23.89 -0.02 0.00	23.19 0.02 0.00	28.71 0.05 0.00	31.80 0.02 0.00	30.77 0.18 0.00	34.91 0.39 0.00	44.43 0.63 -0.34	50.43 0.89 -2.16	52.32 0.94 -1.08	52.76 1.15 -1.39	84.39 1.23 -5.55	101.45 1.19 -6.71	94.92 1.03 -5.34	290.66 3.80 -7.69	922.55 11.16 -9.08	92.25 1.14 -5.77	58.93 0.76 -3.34	59.20 0.70 -3.36	48.71 0.42 -2.39	46.80 0.18 -1.42
PUCKETT___SOLAR 323809	31.20 1.03 0.00	26.79 0.83 0.00	25.08 0.67 0.00	25.25 0.59 0.00	24.48 0.56 0.00	23.77 0.60 0.00	29.55 0.89 0.00	32.78 1.00 0.00	31.72 1.13 0.00	35.96 1.44 0.00	45.51 1.82 -0.22	51.19 2.40 -1.42	53.73 2.72 -0.71	53.90 2.76 -0.91	84.46 3.21 -3.64	101.45 3.49 -4.40	95.31 3.25 -3.51	296.51 12.29 -5.05	948.16 39.89 -5.96	93.01 3.87 -3.79	67.03 2.58 -9.62	69.57 2.44 -12.00	49.16 1.70 -1.57	47.58 1.45 -0.93
PYRITES___HYD 24023	30.14 -0.03 0.00	25.77 -0.18 0.00	24.26 -0.14 0.00	24.47 -0.19 0.00	23.82 -0.09 0.00	23.30 0.13 0.00	28.90 0.24 0.00	32.16 0.39 0.00	30.62 0.03 0.00	34.21 -0.31 0.00	42.19 -1.38 -0.10	46.07 -1.94 -0.63	33.90 -2.17 14.24	48.25 -2.38 -0.40	76.62 -2.60 -1.60	94.26 -1.23 -1.94	88.65 -1.45 -1.55	277.78 -3.60 -2.21	897.94 -6.93 -2.56	87.50 0.53 -1.63	56.29 0.52 -0.94	56.82 0.74 -0.95	46.93 0.36 -0.67	46.01 0.42 -0.40
QUAKERRD_115KV_BK1 80622	30.42 0.25 0.00	26.11 0.15 0.00	24.25 -0.15 0.00	24.36 -0.30 0.00	23.47 -0.45 0.00	22.80 -0.37 0.00	28.32 -0.33 0.00	31.42 -0.35 0.00	30.67 0.08 0.00	35.17 0.65 0.00	44.41 0.95 0.00	48.57 1.19 0.00	51.95 1.64 0.00	52.39 2.17 0.00	79.18 1.57 0.00	94.62 1.06 0.00	89.51 0.96 0.00	283.02 3.85 0.00	914.44 12.13 0.00	86.62 1.27 0.00	55.60 0.78 0.00	55.74 0.61 0.00	46.12 0.22 0.00	45.05 -0.14 0.00
QUENSBRY_115KV_TB8 356137	32.32 2.15 0.00	27.60 1.65 0.00	25.94 1.53 0.00	26.26 1.60 0.00	25.45 1.54 0.00	24.67 1.50 0.00	30.72 2.06 0.00	33.86 2.08 0.00	32.39 1.81 0.00	36.52 2.00 0.00	46.23 2.76 0.00	50.59 3.21 0.00	53.82 3.51 0.00	53.97 3.75 0.00	83.35 5.74 0.00	100.51 6.96 0.00	94.89 6.34 0.00	300.29 21.13 0.00	980.75 78.44 0.00	92.31 6.97 0.00	226.38 5.18 -166.37	279.72 5.23 -219.35	50.03 4.13 0.00	49.16 3.96 0.00
RAMAPO___LBMP 323565	31.28 1.11 0.00	26.92 0.97 0.00	25.29 0.89 0.00	25.54 0.88 0.00	24.77 0.86 0.00	24.00 0.83 0.00	29.81 1.15 0.00	33.07 1.29 0.00	31.97 1.38 0.00	36.09 1.57 0.00	45.49 2.02 0.00	49.66 2.28 0.00	52.57 2.26 0.00	52.79 2.56 0.00	81.66 4.05 0.00	98.37 4.81 0.00	92.88 4.33 0.00	291.17 12.00 0.00	934.41 32.10 0.00	87.75 2.40 0.00	70.09 1.48 -13.79	74.94 1.64 -18.17	47.21 1.31 0.00	46.58 1.39 0.00
RANKINE____ 23646	31.56 1.38 0.00	27.00 1.05 0.00	24.87 0.46 0.00	24.88 0.22 0.00	23.86 -0.05 0.00	23.24 0.07 0.00	28.96 0.30 0.00	32.10 0.33 0.00	31.61 1.02 0.00	36.56 2.05 0.00	46.19 2.73 0.00	50.98 3.60 0.00	54.84 4.54 0.00	55.54 5.32 0.00	82.58 4.97 0.00	97.59 4.03 0.00	92.08 3.53 0.00	291.24 12.07 0.00	935.19 32.88 0.00	88.61 3.27 0.00	56.98 2.16 0.00	57.25 2.12 0.00	47.22 1.32 0.00	46.05 0.86 0.00
RAVENSWOOD_GT2_1 24244	31.68 1.51 0.00	27.22 1.27 0.00	25.57 1.17 0.00	25.82 1.16 0.00	25.04 1.12 0.00	24.28 1.11 0.00	30.18 1.52 0.00	33.57 1.79 0.00	32.51 1.92 0.00	36.70 2.18 0.00	46.19 2.73 0.00	50.34 2.96 0.00	53.29 2.98 0.00	53.44 3.21 0.00	82.61 5.00 0.00	99.39 5.84 0.00	93.90 5.35 0.00	293.85 14.68 0.00	942.22 39.91 0.00	88.55 3.20 0.00	71.43 2.03 -14.59	76.44 2.08 -19.23	47.60 1.70 0.00	47.04 1.84 0.00
RAVENSWOOD_GT2_2 24245	31.68 1.51 0.00	27.22 1.27 0.00	25.57 1.17 0.00	25.82 1.16 0.00	25.04 1.12 0.00	24.28 1.11 0.00	30.18 1.52 0.00	33.57 1.79 0.00	32.51 1.92 0.00	36.70 2.18 0.00	46.19 2.73 0.00	50.34 2.96 0.00	53.29 2.98 0.00	53.44 3.21 0.00	82.61 5.00 0.00	99.39 5.84 0.00	93.90 5.35 0.00	293.85 14.68 0.00	942.22 39.91 0.00	88.55 3.20 0.00	71.43 2.03 -14.59	76.44 2.08 -19.23	47.60 1.70 0.00	47.04 1.84 0.00

RAVENSWOOD_GT2_3 24246	31.69 1.52 0.00	27.23 1.28 0.00	25.59 1.18 0.00	25.83 1.17 0.00	25.05 1.14 0.00	24.29 1.12 0.00	30.20 1.54 0.00	33.59 1.81 0.00	32.54 1.95 0.00	36.74 2.22 0.00	46.24 2.77 0.00	50.38 3.01 0.00	53.32 3.02 0.00	53.47 3.25 0.00	82.67 5.06 0.00	99.47 5.91 0.00	93.98 5.43 0.00	294.03 14.87 0.00	943.12 40.81 0.00	88.62 3.27 0.00	71.47 2.06 -14.59	76.49 2.13 -19.23	47.63 1.73 0.00	47.07 1.88 0.00
RAVENSWOOD_GT2_4 24247	31.69 1.52 0.00	27.23 1.28 0.00	25.59 1.18 0.00	25.83 1.17 0.00	25.05 1.14 0.00	24.29 1.12 0.00	30.20 1.54 0.00	33.59 1.81 0.00	32.54 1.95 0.00	36.74 2.22 0.00	46.24 2.77 0.00	50.38 3.01 0.00	53.32 3.02 0.00	53.47 3.25 0.00	82.67 5.06 0.00	99.47 5.91 0.00	93.98 5.43 0.00	294.03 14.87 0.00	943.12 40.81 0.00	88.62 3.27 0.00	71.47 2.06 -14.59	76.49 2.13 -19.23	47.63 1.73 0.00	47.07 1.88 0.00
RAVENSWOOD_GT3_1 24248	31.68 1.51 0.00	27.22 1.27 0.00	25.57 1.17 0.00	25.82 1.16 0.00	25.04 1.12 0.00	24.28 1.11 0.00	30.18 1.53 0.00	33.58 1.80 0.00	32.52 1.93 0.00	36.71 2.19 0.00	46.20 2.74 0.00	50.35 2.98 0.00	53.29 2.98 0.00	53.44 3.21 0.00	82.62 5.01 0.00	99.41 5.85 0.00	93.91 5.35 0.00	293.85 14.68 0.00	942.33 40.02 0.00	88.55 3.21 0.00	71.43 2.03 -14.59	76.44 2.08 -19.23	47.60 1.70 0.00	47.04 1.84 0.00
RAVENSWOOD_GT3_2 24249	31.68 1.51 0.00	27.22 1.27 0.00	25.57 1.17 0.00	25.82 1.16 0.00	25.04 1.12 0.00	24.28 1.11 0.00	30.18 1.53 0.00	33.58 1.80 0.00	32.52 1.93 0.00	36.71 2.19 0.00	46.20 2.74 0.00	50.35 2.98 0.00	53.29 2.98 0.00	53.44 3.21 0.00	82.62 5.01 0.00	99.41 5.85 0.00	93.91 5.35 0.00	293.85 14.68 0.00	942.33 40.02 0.00	88.55 3.21 0.00	71.43 2.03 -14.59	76.44 2.08 -19.23	47.60 1.70 0.00	47.04 1.84 0.00
RAVENSWOOD_GT3_3 24250	31.74 1.57 0.00	27.27 1.32 0.00	25.62 1.21 0.00	25.86 1.20 0.00	25.08 1.17 0.00	24.32 1.15 0.00	30.24 1.58 0.00	33.64 1.86 0.00	32.59 2.00 0.00	36.80 2.28 0.00	46.32 2.85 0.00	50.48 3.10 0.00	53.42 3.12 0.00	53.57 3.34 0.00	82.81 5.20 0.00	99.65 6.09 0.00	94.12 5.57 0.00	294.58 15.42 0.00	944.67 42.36 0.00	88.77 3.42 0.00	71.56 2.15 -14.59	76.59 2.23 -19.23	47.71 1.81 0.00	47.14 1.94 0.00
RAVENSWOOD_GT3_4 24251	31.74 1.57 0.00	27.27 1.32 0.00	25.62 1.21 0.00	25.86 1.20 0.00	25.08 1.17 0.00	24.32 1.15 0.00	30.24 1.58 0.00	33.64 1.86 0.00	32.59 2.00 0.00	36.80 2.28 0.00	46.32 2.85 0.00	50.48 3.10 0.00	53.42 3.12 0.00	53.57 3.34 0.00	82.81 5.20 0.00	99.65 6.09 0.00	94.12 5.57 0.00	294.58 15.42 0.00	944.67 42.36 0.00	88.77 3.42 0.00	71.56 2.15 -14.59	76.59 2.23 -19.23	47.71 1.81 0.00	47.14 1.94 0.00
RAVENSWOOD_GT_1 23729	31.74 1.57 0.00	27.26 1.31 0.00	25.62 1.21 0.00	25.86 1.20 0.00	25.07 1.16 0.00	24.33 1.16 0.00	30.24 1.59 0.00	33.69 1.91 0.00	32.63 2.05 0.00	36.81 2.29 0.00	46.31 2.84 0.00	50.46 3.08 0.00	53.40 3.10 0.00	53.52 3.30 0.00	82.78 5.17 0.00	99.42 5.87 0.00	93.81 5.25 0.00	292.98 13.82 0.00	939.25 36.95 0.01	87.52 2.97 0.80	71.32 1.92 -14.58	76.32 1.99 -19.20	47.57 1.67 0.00	47.06 1.86 0.00
RAVENSWOOD_GT_10 24258	31.68 1.51 0.00	27.23 1.28 0.00	25.58 1.17 0.00	25.82 1.16 0.00	25.04 1.13 0.00	24.28 1.11 0.00	30.18 1.53 0.00	33.58 1.80 0.00	32.51 1.92 0.00	36.71 2.19 0.00	46.20 2.74 0.00	50.35 2.98 0.00	53.29 2.98 0.00	53.44 3.21 0.00	82.63 5.02 0.00	99.43 5.88 0.00	93.91 5.36 0.00	293.96 14.80 0.00	942.51 40.21 0.00	88.49 3.24 0.09	71.44 2.03 -14.59	76.45 2.10 -19.22	47.62 1.72 0.00	47.04 1.85 0.00
RAVENSWOOD_GT_11 24259	31.68 1.51 0.00	27.23 1.28 0.00	25.58 1.17 0.00	25.82 1.16 0.00	25.04 1.13 0.00	24.28 1.11 0.00	30.18 1.53 0.00	33.58 1.80 0.00	32.51 1.92 0.00	36.71 2.19 0.00	46.20 2.74 0.00	50.35 2.98 0.00	53.29 2.98 0.00	53.44 3.21 0.00	82.63 5.02 0.00	99.43 5.88 0.00	93.91 5.36 0.00	293.96 14.80 0.00	942.51 40.21 0.00	88.49 3.24 0.09	71.44 2.03 -14.59	76.45 2.10 -19.22	47.62 1.72 0.00	47.04 1.85 0.00
RAVENSWOOD_GT_4 24252	31.68 1.51 0.00	27.23 1.28 0.00	25.58 1.17 0.00	25.83 1.17 0.00	25.05 1.13 0.00	24.29 1.11 0.00	30.19 1.53 0.00	33.57 1.79 0.00	32.51 1.92 0.00	36.71 2.20 0.00	46.23 2.76 0.00	50.37 3.00 0.00	53.31 3.01 0.00	53.46 3.24 0.00	82.65 5.04 0.00	99.47 5.91 0.00	93.99 5.43 0.00	294.26 15.10 0.00	943.77 41.46 0.01	88.05 3.31 0.61	71.49 2.08 -14.58	76.47 2.13 -19.20	47.63 1.73 0.00	47.06 1.86 0.00
RAVENSWOOD_GT_5 24254	31.68 1.51 0.00	27.23 1.28 0.00	25.58 1.17 0.00	25.83 1.17 0.00	25.05 1.13 0.00	24.29 1.11 0.00	30.19 1.53 0.00	33.57 1.79 0.00	32.51 1.92 0.00	36.71 2.20 0.00	46.23 2.76 0.00	50.37 3.00 0.00	53.31 3.01 0.00	53.46 3.24 0.00	82.65 5.04 0.00	99.47 5.91 0.00	93.99 5.43 0.00	294.26 15.10 0.00	943.77 41.46 0.01	88.05 3.31 0.61	71.49 2.08 -14.58	76.47 2.13 -19.20	47.63 1.73 0.00	47.06 1.86 0.00
RAVENSWOOD_GT_6 24253	31.68 1.51 0.00	27.23 1.28 0.00	25.58 1.17 0.00	25.83 1.17 0.00	25.05 1.13 0.00	24.29 1.11 0.00	30.19 1.53 0.00	33.57 1.79 0.00	32.51 1.92 0.00	36.71 2.20 0.00	46.23 2.76 0.00	50.37 3.00 0.00	53.31 3.01 0.00	53.46 3.24 0.00	82.65 5.04 0.00	99.47 5.91 0.00	93.99 5.43 0.00	294.26 15.10 0.00	943.77 41.46 0.01	88.05 3.31 0.61	71.49 2.08 -14.58	76.47 2.13 -19.20	47.63 1.73 0.00	47.06 1.86 0.00
RAVENSWOOD_GT_7 24255	31.68 1.51 0.00	27.23 1.28 0.00	25.58 1.17 0.00	25.83 1.17 0.00	25.05 1.13 0.00	24.29 1.11 0.00	30.19 1.53 0.00	33.57 1.79 0.00	32.51 1.92 0.00	36.71 2.20 0.00	46.23 2.76 0.00	50.37 3.00 0.00	53.31 3.01 0.00	53.46 3.24 0.00	82.65 5.04 0.00	99.47 5.91 0.00	93.99 5.43 0.00	294.26 15.10 0.00	943.77 41.46 0.01	88.05 3.31 0.61	71.49 2.08 -14.58	76.47 2.13 -19.20	47.63 1.73 0.00	47.06 1.86 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	31.68 1.51 0.00	27.23 1.28 0.00	25.58 1.17 0.00	25.82 1.16 0.00	25.04 1.13 0.00	24.28 1.11 0.00	30.18 1.53 0.00	33.58 1.80 0.00	32.51 1.92 0.00	36.71 2.19 0.00	46.20 2.74 0.00	50.35 2.98 0.00	53.29 2.98 0.00	53.44 3.21 0.00	82.63 5.02 0.00	99.43 5.88 0.00	93.91 5.36 0.00	293.96 14.80 0.00	942.51 40.21 0.00	88.49 3.24 0.09	71.44 2.03 -14.59	76.45 2.10 -19.22	47.62 1.72 0.00	47.04 1.85 0.00
RAVENSWOOD_GT_9 24257	31.68 1.51 0.00	27.23 1.28 0.00	25.58 1.17 0.00	25.82 1.16 0.00	25.04 1.13 0.00	24.28 1.11 0.00	30.18 1.53 0.00	33.58 1.80 0.00	32.51 1.92 0.00	36.71 2.19 0.00	46.20 2.74 0.00	50.35 2.98 0.00	53.29 2.98 0.00	53.44 3.21 0.00	82.63 5.02 0.00	99.43 5.88 0.00	93.91 5.36 0.00	293.96 14.80 0.00	942.51 40.21 0.00	88.49 3.24 0.09	71.44 2.03 -14.59	76.45 2.10 -19.22	47.62 1.72 0.00	47.04 1.85 0.00

RAVENSWOOD___1 23533	31.68 1.50 0.00	27.22 1.26 0.00	25.58 1.17 0.00	25.81 1.15 0.00	25.03 1.12 0.00	24.28 1.11 0.00	30.19 1.53 0.00	33.62 1.84 0.00	32.56 1.97 0.00	36.72 2.20 0.00	46.18 2.72 0.00	50.35 2.97 0.00	53.27 2.97 0.00	53.41 3.18 0.00	82.60 4.99 0.00	99.36 5.80 0.00	93.73 5.18 0.00	292.74 13.58 0.00	938.27 35.97 0.01	87.35 2.94 0.93	71.30 1.89 -14.58	76.28 1.96 -19.19	47.55 1.65 0.00	47.02 1.83 0.00
RAVENSWOOD___2 23534	31.63 1.46 0.00	27.18 1.23 0.00	25.54 1.13 0.00	25.77 1.11 0.00	24.99 1.08 0.00	24.24 1.08 0.00	30.14 1.49 0.00	33.57 1.79 0.00	32.45 1.86 0.00	36.50 1.98 0.00	45.84 2.38 0.00	49.95 2.57 0.00	52.85 2.55 0.00	52.99 2.77 0.00	81.96 4.35 0.00	98.51 4.95 0.00	92.96 4.40 0.00	290.04 10.88 0.00	929.47 27.17 0.01	86.60 2.19 0.93	70.85 1.45 -14.58	75.88 1.56 -19.19	47.40 1.51 0.00	47.01 1.81 0.00
RAVENSWOOD___3 23535	31.68 1.51 0.00	27.23 1.27 0.00	25.57 1.17 0.00	25.82 1.16 0.00	25.04 1.13 0.00	24.28 1.11 0.00	30.18 1.53 0.00	33.57 1.80 0.00	32.52 1.93 0.00	36.71 2.19 0.00	46.20 2.73 0.00	50.36 2.98 0.00	53.28 2.98 0.00	53.44 3.21 0.00	82.64 5.02 0.00	99.42 5.86 0.00	93.90 5.35 0.00	293.88 14.72 0.00	942.31 40.00 0.00	88.55 3.21 0.00	71.44 2.03 -14.59	76.45 2.09 -19.23	47.60 1.70 0.00	47.04 1.84 0.00
RAVENSWOOD___4 23820	31.68 1.50 0.00	27.22 1.26 0.00	25.58 1.17 0.00	25.81 1.15 0.00	25.03 1.12 0.00	24.28 1.11 0.00	30.19 1.53 0.00	33.62 1.84 0.00	32.56 1.97 0.00	36.72 2.20 0.00	46.18 2.72 0.00	50.35 2.97 0.00	53.27 2.97 0.00	53.41 3.18 0.00	82.60 4.99 0.00	99.28 5.73 0.00	93.67 5.11 0.00	292.54 13.38 0.00	937.84 35.53 0.01	87.16 2.87 1.06	71.27 1.86 -14.58	76.24 1.92 -19.18	47.53 1.64 0.00	47.01 1.81 0.00
RCPL_TRUST___DRP 24196	31.71 1.54 0.00	27.26 1.30 0.00	25.60 1.20 0.00	25.85 1.18 0.00	25.06 1.15 0.00	24.31 1.14 0.00	30.23 1.57 0.00	33.63 1.85 0.00	32.58 1.99 0.00	36.78 2.27 0.00	46.31 2.85 0.00	50.47 3.10 0.00	53.44 3.14 0.00	53.58 3.35 0.00	82.77 5.16 0.00	99.58 6.03 0.00	94.08 5.52 0.00	294.50 15.34 0.00	944.02 41.71 0.00	88.67 3.32 0.00	71.49 2.08 -14.59	76.50 2.15 -19.23	47.65 1.75 0.00	47.08 1.88 0.00
RED___ROCHESTER 323720	31.45 1.28 0.00	26.96 1.01 0.00	24.99 0.59 0.00	25.07 0.41 0.00	24.13 0.21 0.00	23.46 0.29 0.00	29.15 0.49 0.00	32.36 0.58 0.00	31.64 1.05 0.00	36.43 1.91 0.00	46.03 2.57 0.00	50.27 2.90 0.00	53.79 3.49 0.00	54.40 4.17 0.00	81.95 4.34 0.00	97.84 4.28 0.00	92.55 4.00 0.00	292.49 13.33 0.00	944.92 42.61 0.00	89.58 4.23 0.00	57.51 2.68 0.00	57.64 2.51 0.00	47.71 1.81 0.00	46.52 1.32 0.00
REGAN___SOLAR 323812	33.32 3.15 0.00	28.61 2.65 0.00	26.80 2.40 0.00	27.07 2.41 0.00	26.33 2.41 0.00	25.52 2.35 0.00	31.36 2.71 0.00	33.61 1.83 0.00	32.07 1.48 0.00	36.23 1.72 0.00	44.71 1.25 0.00	49.40 2.02 0.00	51.84 1.54 0.00	52.32 2.09 0.00	82.27 4.66 0.00	99.52 5.96 0.00	94.48 5.92 0.00	302.89 23.72 0.00	1017.98 115.67 0.00	98.21 12.87 0.00	212.37 8.52 -149.02	259.76 8.15 -196.47	52.26 6.37 0.00	50.71 5.51 0.00
RENSSELAER___COGEN 23796	30.71 0.54 0.00	26.44 0.49 0.00	24.91 0.50 0.00	25.25 0.59 0.00	24.48 0.56 0.00	23.60 0.43 0.00	29.26 0.60 0.00	32.31 0.54 0.00	31.02 0.43 0.00	34.88 0.37 0.00	44.07 0.61 0.00	48.01 0.64 0.00	50.86 0.56 0.00	50.80 0.58 0.00	78.42 0.80 0.00	94.52 0.97 0.00	89.49 0.94 0.00	282.18 3.01 0.00	913.97 11.66 0.00	86.20 0.86 0.00	144.29 0.74 -88.73	173.00 0.89 -116.98	46.55 0.65 0.00	45.89 0.70 0.00
REPUBLIC_115KV_BARTNBRK 55605	34.38 4.20 0.00	29.01 3.05 0.00	27.29 2.88 0.00	27.67 3.01 0.00	26.85 2.94 0.00	26.13 2.96 0.00	32.73 4.07 0.00	35.66 3.88 0.00	33.78 3.19 0.00	38.08 3.57 0.00	48.27 4.80 0.00	53.00 5.62 0.00	56.41 6.11 0.00	56.64 6.41 0.00	88.14 10.53 0.00	105.41 11.85 0.00	100.30 11.75 0.00	316.96 37.80 0.00	1026.86 124.55 0.00	96.35 11.01 0.00	228.33 7.91 -165.59	282.60 9.14 -218.32	53.50 7.60 0.00	52.70 7.50 0.00
REVERE_CPPR_DRP 24186	31.50 1.33 0.00	27.04 1.09 0.00	25.37 0.96 0.00	25.60 0.94 0.00	24.76 0.84 0.00	24.20 1.03 0.00	30.09 1.44 0.00	33.48 1.71 0.00	32.22 1.63 0.00	36.32 1.80 0.00	45.87 2.24 -0.17	50.88 2.42 -1.09	52.88 2.53 -0.05	53.61 2.69 -0.70	84.40 4.00 -2.79	101.68 4.74 -3.38	95.92 4.68 -2.69	298.70 15.66 -3.87	961.55 54.66 -4.58	93.69 5.43 -2.91	60.17 3.66 -1.69	60.55 3.72 -1.70	50.10 3.00 -1.20	48.46 2.55 -0.72
REYNOLDS_115KV_TB3 80639	30.96 0.79 0.00	26.66 0.71 0.00	25.10 0.70 0.00	25.43 0.77 0.00	24.65 0.73 0.00	23.78 0.61 0.00	29.51 0.85 0.00	32.57 0.79 0.00	31.30 0.71 0.00	35.18 0.66 0.00	44.43 0.97 0.00	48.37 0.99 0.00	51.27 0.97 0.00	51.24 1.01 0.00	79.15 1.54 0.00	95.41 1.85 0.00	90.31 1.76 0.00	285.06 5.90 0.00	924.33 22.02 0.00	87.12 1.78 0.00	154.97 1.32 -98.82	186.86 1.44 -130.29	47.01 1.11 0.00	46.39 1.20 0.00
RIVERBAY____ 323610	31.80 1.63 0.00	27.30 1.34 0.00	25.68 1.27 0.00	25.90 1.24 0.00	25.11 1.20 0.00	24.36 1.19 0.00	30.25 1.59 0.00	33.69 1.91 0.00	32.60 2.02 0.00	36.78 2.26 0.00	46.41 2.94 0.00	50.72 3.35 0.00	53.74 3.43 0.00	53.87 3.65 0.00	83.40 5.79 0.00	100.33 6.77 0.00	94.57 6.02 0.00	295.92 16.76 0.00	949.51 47.21 0.01	89.33 3.99 0.00	71.90 2.49 -14.58	76.97 2.61 -19.23	48.12 2.22 0.00	47.54 2.35 0.00
RIVERSIDE_115KV_TB3 55908	30.88 0.71 0.00	26.59 0.64 0.00	25.05 0.64 0.00	25.38 0.71 0.00	24.59 0.68 0.00	23.72 0.56 0.00	29.43 0.77 0.00	32.50 0.72 0.00	31.23 0.65 0.00	35.14 0.62 0.00	44.39 0.92 0.00	48.35 0.97 0.00	51.25 0.95 0.00	51.22 0.99 0.00	79.12 1.50 0.00	95.37 1.81 0.00	90.29 1.74 0.00	284.82 5.65 0.00	923.22 20.91 0.00	87.02 1.68 0.00	156.09 1.25 -100.02	188.36 1.36 -131.87	46.93 1.03 0.00	46.29 1.09 0.00
ROARING___BROOK_WT_PWR 323790	28.96 -1.21 0.00	24.76 -1.19 0.00	23.33 -1.07 0.00	23.69 -0.97 0.00	22.92 -0.99 0.00	22.35 -0.82 0.00	27.97 -0.69 0.00	31.46 -0.32 0.00	30.11 -0.47 0.00	33.69 -0.83 0.00	42.36 -1.10 0.00	45.68 -1.69 0.00	21.12 -1.57 27.61	48.66 -1.57 0.00	75.69 -1.92 0.00	91.47 -2.08 0.00	86.79 -1.76 0.00	273.93 -5.23 0.00	893.44 -8.87 0.00	84.58 -0.76 0.00	54.31 -0.51 0.00	54.53 -0.60 0.00	45.21 -0.69 0.00	44.59 -0.61 0.00
ROCHESRG_115KV_T4 355643	31.01 0.84 0.00	26.61 0.65 0.00	24.68 0.27 0.00	24.76 0.09 0.00	23.82 -0.09 0.00	23.16 -0.01 0.00	28.77 0.11 0.00	31.91 0.13 0.00	31.17 0.58 0.00	35.83 1.31 0.00	45.24 1.78 0.00	49.47 2.10 0.00	52.94 2.64 0.00	53.47 3.24 0.00	80.48 2.87 0.00	95.97 2.41 0.00	90.77 2.22 0.00	286.77 7.60 0.00	925.97 23.66 0.00	87.80 2.45 0.00	56.39 1.57 0.00	56.55 1.42 0.00	46.84 0.94 0.00	45.73 0.54 0.00

ROCHESTER_9_IC 23652	31.25 1.08 0.00	26.80 0.85 0.00	24.85 0.44 0.00	24.93 0.27 0.00	23.99 0.08 0.00	23.32 0.15 0.00	28.98 0.32 0.00	32.15 0.38 0.00	31.43 0.84 0.00	36.16 1.64 0.00	45.67 2.20 0.00	49.91 2.53 0.00	53.42 3.12 0.00	53.97 3.75 0.00	81.29 3.67 0.00	96.98 3.42 0.00	91.74 3.19 0.00	289.89 10.73 0.00	936.06 33.75 0.00	88.75 3.40 0.00	56.97 2.15 0.00	57.13 2.00 0.00	47.29 1.39 0.00	46.15 0.96 0.00
ROCKVIEW_13_KV_LD 356306	31.73 1.56 0.00	27.27 1.32 0.00	25.61 1.20 0.00	25.86 1.20 0.00	25.08 1.17 0.00	24.31 1.14 0.00	30.23 1.57 0.00	33.58 1.81 0.00	32.50 1.91 0.00	36.68 2.16 0.00	46.21 2.75 0.00	50.40 3.03 0.00	53.36 3.06 0.00	53.53 3.30 0.00	82.78 5.17 0.00	99.71 6.15 0.00	94.25 5.69 0.00	295.15 15.99 0.00	946.96 44.65 0.00	88.96 3.61 0.00	71.67 2.26 -14.59	76.70 2.34 -19.23	47.80 1.90 0.00	47.18 1.98 0.00
ROME____115KV_TB2 80656	31.50 1.33 0.00	27.04 1.09 0.00	25.37 0.96 0.00	25.60 0.94 0.00	24.76 0.84 0.00	24.20 1.03 0.00	30.09 1.44 0.00	33.48 1.71 0.00	32.22 1.63 0.00	36.32 1.80 0.00	45.87 2.24 -0.17	50.88 2.42 -1.09	52.88 2.53 -0.05	53.61 2.69 -0.70	84.40 4.00 -2.79	101.68 4.74 -3.38	95.92 4.68 -2.69	298.70 15.66 -3.87	961.55 54.66 -4.58	93.69 5.43 -2.91	60.17 3.66 -1.69	60.55 3.72 -1.70	50.10 3.00 -1.20	48.46 2.55 -0.72
ROSETON____1 23587	31.26 1.09 0.00	26.89 0.94 0.00	25.27 0.87 0.00	25.54 0.88 0.00	24.76 0.85 0.00	23.97 0.80 0.00	29.79 1.13 0.00	33.03 1.26 0.00	31.91 1.32 0.00	35.96 1.44 0.00	45.31 1.85 0.00	49.43 2.05 0.00	52.33 2.03 0.00	52.44 2.22 0.00	81.01 3.40 0.00	97.64 4.08 0.00	92.33 3.78 0.00	289.57 10.40 0.00	931.73 29.42 0.00	87.65 2.31 0.00	70.45 1.47 -14.15	75.36 1.57 -18.66	47.17 1.27 0.00	46.56 1.36 0.00
ROSETON____2 23588	31.26 1.09 0.00	26.89 0.94 0.00	25.27 0.87 0.00	25.54 0.88 0.00	24.76 0.85 0.00	23.97 0.80 0.00	29.79 1.13 0.00	33.03 1.26 0.00	31.91 1.32 0.00	35.96 1.44 0.00	45.31 1.85 0.00	49.43 2.05 0.00	52.33 2.03 0.00	52.44 2.22 0.00	81.01 3.40 0.00	97.64 4.08 0.00	92.33 3.78 0.00	289.57 10.40 0.00	931.73 29.42 0.00	87.65 2.31 0.00	70.45 1.47 -14.15	75.36 1.57 -18.66	47.17 1.27 0.00	46.56 1.36 0.00
ROTTDAM_115KV_TB3 80664	31.18 1.00 0.00	26.82 0.86 0.00	25.21 0.80 0.00	25.50 0.83 0.00	24.71 0.80 0.00	23.89 0.72 0.00	29.63 0.97 0.00	32.77 1.00 0.00	31.52 0.93 0.00	35.53 1.02 0.00	44.80 1.34 0.00	48.87 1.50 0.00	51.86 1.55 0.00	51.91 1.68 0.00	80.21 2.59 0.00	96.68 3.12 0.00	91.46 2.91 0.00	288.67 9.51 0.00	935.26 32.95 0.00	88.34 2.99 0.00	236.35 2.13 -179.39	293.83 2.18 -236.51	47.63 1.73 0.00	46.87 1.68 0.00
RUSSELL____1 23602	31.45 1.28 0.00	26.96 1.01 0.00	24.99 0.59 0.00	25.07 0.41 0.00	24.12 0.21 0.00	23.46 0.29 0.00	29.15 0.49 0.00	32.36 0.58 0.00	31.64 1.05 0.00	36.43 1.91 0.00	46.01 2.55 0.00	50.27 2.89 0.00	53.80 3.50 0.00	54.40 4.17 0.00	81.94 4.33 0.00	97.83 4.27 0.00	92.56 4.00 0.00	292.53 13.37 0.00	944.98 42.67 0.00	89.58 4.23 0.00	57.52 2.70 0.00	57.65 2.51 0.00	47.70 1.80 0.00	46.52 1.32 0.00
RUSSELL____2 23532	31.45 1.28 0.00	26.96 1.01 0.00	24.99 0.59 0.00	25.07 0.41 0.00	24.12 0.21 0.00	23.46 0.29 0.00	29.15 0.49 0.00	32.36 0.58 0.00	31.64 1.05 0.00	36.43 1.91 0.00	46.01 2.55 0.00	50.27 2.89 0.00	53.80 3.50 0.00	54.40 4.17 0.00	81.94 4.33 0.00	97.83 4.27 0.00	92.56 4.00 0.00	292.53 13.37 0.00	944.98 42.67 0.00	89.58 4.23 0.00	57.52 2.70 0.00	57.65 2.51 0.00	47.70 1.80 0.00	46.52 1.32 0.00
RUSSELL____3 23549	31.45 1.28 0.00	26.96 1.01 0.00	24.99 0.59 0.00	25.07 0.41 0.00	24.12 0.21 0.00	23.46 0.29 0.00	29.15 0.49 0.00	32.36 0.58 0.00	31.64 1.05 0.00	36.43 1.91 0.00	46.01 2.55 0.00	50.27 2.89 0.00	53.80 3.50 0.00	54.40 4.17 0.00	81.94 4.33 0.00	97.83 4.27 0.00	92.56 4.00 0.00	292.53 13.37 0.00	944.98 42.67 0.00	89.58 4.23 0.00	57.52 2.70 0.00	57.65 2.51 0.00	47.70 1.80 0.00	46.52 1.32 0.00
RUSSELL____4 23556	31.45 1.28 0.00	26.96 1.01 0.00	24.99 0.59 0.00	25.07 0.41 0.00	24.12 0.21 0.00	23.46 0.29 0.00	29.15 0.49 0.00	32.36 0.58 0.00	31.64 1.05 0.00	36.43 1.91 0.00	46.01 2.55 0.00	50.27 2.89 0.00	53.80 3.50 0.00	54.40 4.17 0.00	81.94 4.33 0.00	97.83 4.27 0.00	92.56 4.00 0.00	292.53 13.37 0.00	944.98 42.67 0.00	89.58 4.23 0.00	57.52 2.70 0.00	57.65 2.51 0.00	47.70 1.80 0.00	46.52 1.32 0.00
RUSSELL____STATION 23914	31.45 1.28 0.00	26.96 1.01 0.00	24.99 0.59 0.00	25.07 0.41 0.00	24.12 0.21 0.00	23.46 0.29 0.00	29.15 0.49 0.00	32.36 0.58 0.00	31.64 1.05 0.00	36.43 1.91 0.00	46.01 2.55 0.00	50.27 2.89 0.00	53.80 3.50 0.00	54.40 4.17 0.00	81.94 4.33 0.00	97.83 4.27 0.00	92.56 4.00 0.00	292.53 13.37 0.00	944.98 42.67 0.00	89.58 4.23 0.00	57.52 2.70 0.00	57.65 2.51 0.00	47.70 1.80 0.00	46.52 1.32 0.00
S SALMON____HYD 24043	30.13 -0.04 0.00	25.98 0.03 0.00	24.34 -0.07 0.00	24.52 -0.14 0.00	23.71 -0.21 0.00	23.29 0.12 0.00	28.91 0.26 0.00	32.17 0.40 0.00	30.91 0.32 0.00	34.89 0.37 0.00	44.73 0.46 -0.81	52.87 0.37 -5.12	51.95 0.38 -1.26	54.16 0.65 -3.28	91.66 0.93 -13.11	109.85 0.43 -15.86	101.30 0.11 -12.63	298.63 1.28 -18.19	930.65 6.87 -21.47	100.21 1.22 -13.65	63.79 1.06 -7.91	64.46 1.38 -7.95	52.41 0.87 -5.64	49.00 0.45 -3.36
S.PERRY__115KV_TB1 80734	31.00 0.83 0.00	26.49 0.54 0.00	24.57 0.16 0.00	24.64 -0.03 0.00	23.76 -0.15 0.00	23.20 0.03 0.00	28.96 0.31 0.00	32.14 0.36 0.00	31.47 0.88 0.00	36.14 1.62 0.00	45.08 1.62 0.00	48.79 1.41 0.00	51.53 1.23 0.00	52.12 1.89 0.00	77.70 0.09 0.00	92.59 -0.97 0.00	87.29 -1.26 0.00	275.69 -3.48 0.00	899.88 -2.43 0.00	86.18 0.84 0.00	55.96 1.13 0.00	56.02 0.89 0.00	47.86 1.96 0.00	46.63 1.44 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	31.29 1.12 0.00	26.81 0.86 0.00	24.68 0.27 0.00	24.69 0.02 0.00	23.65 -0.27 0.00	23.02 -0.15 0.00	28.67 0.01 0.00	31.74 -0.04 0.00	31.22 0.63 0.00	36.11 1.59 0.00	45.61 2.15 0.00	50.22 2.84 0.00	54.12 3.82 0.00	54.78 4.55 0.00	81.26 3.64 0.00	95.94 2.39 0.00	90.58 2.03 0.00	286.21 7.04 0.00	920.44 18.13 0.00	87.34 1.99 0.00	56.16 1.33 0.00	56.41 1.28 0.00	46.57 0.67 0.00	45.46 0.27 0.00
SAWYER____23_KV_LOAD 55526	31.29 1.12 0.00	26.81 0.86 0.00	24.68 0.27 0.00	24.69 0.02 0.00	23.65 -0.27 0.00	23.02 -0.15 0.00	28.67 0.01 0.00	31.74 -0.04 0.00	31.22 0.63 0.00	36.11 1.59 0.00	45.61 2.15 0.00	50.22 2.84 0.00	54.12 3.82 0.00	54.78 4.55 0.00	81.26 3.64 0.00	95.94 2.39 0.00	90.58 2.03 0.00	286.21 7.04 0.00	920.44 18.13 0.00	87.34 1.99 0.00	56.16 1.33 0.00	56.41 1.28 0.00	46.57 0.67 0.00	45.46 0.27 0.00

SELKIRK___I 23801	30.98 0.81 0.00	26.69 0.73 0.00	25.14 0.73 0.00	25.48 0.81 0.00	24.69 0.77 0.00	23.81 0.65 0.00	29.46 0.81 0.00	32.44 0.66 0.00	30.69 0.10 0.00	34.62 0.10 0.00	44.13 0.67 0.00	48.05 0.67 0.00	50.89 0.59 0.00	50.80 0.58 0.00	78.25 0.64 0.00	94.33 0.77 0.00	89.51 0.96 0.00	282.25 3.09 0.00	915.59 13.28 0.00	86.66 1.31 0.00	120.83 1.14 -64.86	141.96 1.31 -85.52	46.91 1.01 0.00	46.22 1.03 0.00
SELKIRK___II 23799	30.77 0.60 0.00	26.50 0.55 0.00	24.96 0.55 0.00	25.29 0.62 0.00	24.51 0.60 0.00	23.64 0.48 0.00	29.30 0.64 0.00	32.37 0.60 0.00	31.08 0.49 0.00	34.98 0.47 0.00	44.19 0.73 0.00	48.15 0.77 0.00	50.93 0.63 0.00	50.75 0.52 0.00	78.11 0.50 0.00	94.02 0.46 0.00	89.04 0.48 0.00	280.51 1.34 0.00	907.68 5.37 0.00	85.70 0.35 0.00	125.40 0.42 -70.16	148.23 0.60 -92.50	46.35 0.45 0.00	45.69 0.50 0.00
SENECA OSWGO___HYD 24041	30.02 -0.15 0.00	25.85 -0.10 0.00	24.23 -0.17 0.00	24.45 -0.21 0.00	23.67 -0.24 0.00	22.98 -0.19 0.00	28.43 -0.23 0.00	31.47 -0.31 0.00	30.39 -0.19 0.00	34.43 -0.08 0.00	44.58 -0.01 -1.14	54.70 0.13 -7.19	54.05 0.16 -3.58	55.15 0.32 -4.61	96.15 0.11 -18.43	115.67 -0.18 -22.29	106.00 -0.30 -17.75	304.38 -0.34 -25.56	931.30 -1.18 -30.17	104.62 0.09 -19.18	66.06 0.12 -11.11	66.44 0.14 -11.18	53.80 -0.02 -7.92	49.62 -0.30 -4.72
SENECA___115KV_TB3 355854	31.62 1.44 0.00	27.06 1.11 0.00	24.92 0.51 0.00	24.93 0.27 0.00	23.91 0.00 0.00	23.29 0.12 0.00	29.01 0.36 0.00	32.17 0.40 0.00	31.68 1.09 0.00	36.65 2.13 0.00	46.29 2.83 0.00	51.10 3.73 0.00	54.99 4.68 0.00	55.69 5.46 0.00	82.79 5.18 0.00	97.84 4.29 0.00	92.33 3.78 0.00	292.00 12.84 0.00	937.56 35.25 0.00	88.82 3.47 0.00	57.11 2.29 0.00	57.38 2.25 0.00	47.32 1.42 0.00	46.15 0.95 0.00
SENECA___ENERGY 23797	30.76 0.59 0.00	26.40 0.45 0.00	24.61 0.21 0.00	24.78 0.12 0.00	23.94 0.03 0.00	23.28 0.11 0.00	28.92 0.26 0.00	32.12 0.34 0.00	31.23 0.64 0.00	35.70 1.19 0.00	45.63 1.71 -0.45	52.37 2.13 -2.86	54.05 2.33 -1.42	54.78 2.72 -1.84	88.00 3.05 -7.33	105.30 2.88 -8.86	98.03 2.42 -7.06	298.68 9.35 -10.17	945.77 31.46 -12.00	96.10 3.13 -7.63	61.23 1.99 -4.42	61.34 1.77 -4.44	50.14 1.09 -3.15	47.85 0.78 -1.88
SHOEMAKER___GT 23640	31.21 1.04 0.00	26.85 0.89 0.00	25.22 0.82 0.00	25.48 0.83 0.00	24.71 0.79 0.00	23.92 0.75 0.00	29.70 1.04 0.00	32.93 1.15 0.00	31.81 1.22 0.00	35.88 1.37 0.00	45.17 1.70 0.00	49.30 1.92 0.00	52.23 1.93 0.00	52.36 2.14 0.00	80.98 3.37 0.00	97.68 4.12 0.00	92.39 3.84 0.00	290.15 10.98 0.00	933.82 31.51 0.00	87.88 2.54 0.00	69.40 1.74 -12.84	73.89 1.83 -16.93	47.33 1.43 0.00	46.62 1.43 0.00
SHOEMAKR_138KV_BK 111 55601	31.19 1.01 0.00	26.83 0.87 0.00	25.21 0.80 0.00	25.47 0.80 0.00	24.69 0.78 0.00	23.90 0.74 0.00	29.68 1.03 0.00	32.91 1.14 0.00	31.79 1.21 0.00	35.87 1.36 0.00	45.18 1.72 0.00	49.31 1.93 0.00	52.23 1.93 0.00	52.39 2.17 0.00	80.99 3.38 0.00	97.68 4.12 0.00	92.34 3.79 0.00	290.01 10.85 0.00	933.20 30.89 0.00	87.81 2.46 0.00	69.18 1.64 -12.72	73.61 1.72 -16.76	47.26 1.36 0.00	46.57 1.37 0.00
SHOREHAM_IC_1 23715	46.39 2.04 -14.17	31.72 1.72 -4.04	25.96 1.55 0.00	26.26 1.60 0.00	25.42 1.51 0.00	24.66 1.49 0.00	30.64 1.99 0.00	33.97 2.20 0.00	32.94 2.35 0.00	38.17 2.80 -0.86	46.95 3.48 0.00	50.89 3.51 0.00	53.66 3.58 0.22	53.71 3.79 0.30	83.29 5.69 0.00	101.31 6.94 -0.81	100.31 6.86 -4.90	294.10 14.93 0.00	934.19 31.88 0.00	91.11 3.94 -1.82	71.68 2.28 -14.58	76.96 2.22 -19.61	51.65 2.06 -3.69	58.80 2.64 -10.97
SHOREHAM_IC_2 23716	46.39 2.04 -14.17	31.72 1.72 -4.04	25.96 1.55 0.00	26.26 1.60 0.00	25.42 1.51 0.00	24.66 1.49 0.00	30.64 1.99 0.00	33.97 2.20 0.00	32.94 2.35 0.00	38.17 2.80 -0.86	46.95 3.48 0.00	50.89 3.51 0.00	53.66 3.58 0.22	53.71 3.79 0.30	83.29 5.69 0.00	101.31 6.94 -0.81	100.31 6.86 -4.90	294.10 14.93 0.00	934.19 31.88 0.00	91.11 3.94 -1.82	71.68 2.28 -14.58	76.96 2.22 -19.61	51.65 2.06 -3.69	58.80 2.64 -10.97
SISSONVILLE____ 23735	29.54 -0.63 0.00	25.26 -0.69 0.00	23.81 -0.59 0.00	24.02 -0.64 0.00	23.31 -0.60 0.00	22.81 -0.36 0.00	28.26 -0.39 0.00	31.44 -0.34 0.00	29.81 -0.78 0.00	33.36 -1.16 0.00	41.55 -2.02 -0.11	45.32 -2.74 -0.68	33.41 -3.08 13.82	47.43 -3.23 -0.44	75.30 -4.05 -1.74	92.41 -3.25 -2.11	87.23 -3.00 -1.68	272.72 -8.85 -2.40	879.48 -25.62 -2.79	85.35 -1.77 -1.77	54.75 -1.10 -1.03	55.39 -0.78 -1.03	45.88 -0.75 -0.73	45.08 -0.55 -0.44
SITHE_IND_GS1 24169	29.57 -0.61 0.00	25.48 -0.48 0.00	23.89 -0.51 0.00	24.12 -0.55 0.00	23.35 -0.56 0.00	22.66 -0.51 0.00	27.99 -0.67 0.00	30.96 -0.82 0.00	29.91 -0.68 0.00	33.87 -0.64 0.00	39.42 -0.75 3.29	25.78 -0.73 20.87	39.18 -0.73 10.38	36.27 -0.58 13.37	22.84 -1.33 53.45	27.08 -1.83 64.64	35.26 -1.82 51.48	199.68 -5.35 74.14	796.62 -18.19 87.50	28.20 -1.53 55.62	21.66 -0.94 32.23	21.75 -0.97 32.41	22.01 -0.91 22.98	30.44 -1.05 13.70
SITHE_IND_GS2 24170	29.57 -0.61 0.00	25.48 -0.48 0.00	23.89 -0.51 0.00	24.12 -0.55 0.00	23.35 -0.56 0.00	22.66 -0.51 0.00	27.99 -0.67 0.00	30.96 -0.82 0.00	29.91 -0.68 0.00	33.87 -0.64 0.00	39.42 -0.75 3.29	25.78 -0.73 20.87	39.18 -0.73 10.38	36.27 -0.58 13.37	22.84 -1.33 53.45	27.08 -1.83 64.64	35.26 -1.82 51.48	199.68 -5.35 74.14	796.62 -18.19 87.50	28.20 -1.53 55.62	21.66 -0.94 32.23	21.75 -0.97 32.41	22.01 -0.91 22.98	30.44 -1.05 13.70
SITHE_IND_GS3 24171	29.57 -0.61 0.00	25.48 -0.48 0.00	23.89 -0.51 0.00	24.12 -0.55 0.00	23.35 -0.56 0.00	22.66 -0.51 0.00	27.99 -0.67 0.00	30.96 -0.82 0.00	29.91 -0.68 0.00	33.87 -0.64 0.00	39.42 -0.75 3.29	25.78 -0.73 20.87	39.18 -0.73 10.38	36.27 -0.58 13.37	22.84 -1.33 53.45	27.08 -1.83 64.64	35.26 -1.82 51.48	199.68 -5.35 74.14	796.62 -18.19 87.50	28.20 -1.53 55.62	21.66 -0.94 32.23	21.75 -0.97 32.41	22.01 -0.91 22.98	30.44 -1.05 13.70
SITHE_IND_GS4 24172	29.57 -0.61 0.00	25.48 -0.48 0.00	23.89 -0.51 0.00	24.12 -0.55 0.00	23.35 -0.56 0.00	22.66 -0.51 0.00	27.99 -0.67 0.00	30.96 -0.82 0.00	29.91 -0.68 0.00	33.87 -0.64 0.00	39.42 -0.75 3.29	25.78 -0.73 20.87	39.18 -0.73 10.38	36.27 -0.58 13.37	22.84 -1.33 53.45	27.08 -1.83 64.64	35.26 -1.82 51.48	199.68 -5.35 74.14	796.62 -18.19 87.50	28.20 -1.53 55.62	21.66 -0.94 32.23	21.75 -0.97 32.41	22.01 -0.91 22.98	30.44 -1.05 13.70
SITHE___BATAVIA 24024	32.26 2.09 0.00	27.59 1.64 0.00	25.41 1.00 0.00	25.42 0.76 0.00	24.39 0.47 0.00	23.75 0.58 0.00	29.57 0.92 0.00	32.80 1.03 0.00	32.19 1.60 0.00	37.24 2.73 0.00	46.82 3.36 0.00	50.73 3.35 0.00	53.97 3.67 0.00	54.78 4.55 0.00	81.73 4.12 0.00	97.03 3.48 0.00	91.64 3.09 0.00	290.69 11.53 0.00	941.70 39.39 0.00	89.72 4.37 0.00	57.64 2.82 0.00	58.09 2.96 0.00	48.46 2.56 0.00	47.16 1.96 0.00

SITHE___INDEPEND 23800	29.57 -0.61 0.00	25.48 -0.48 0.00	23.89 -0.51 0.00	24.12 -0.55 0.00	23.35 -0.56 0.00	22.66 -0.51 0.00	27.99 -0.67 0.00	30.96 -0.82 0.00	29.91 -0.68 0.00	33.87 -0.64 0.00	39.42 -0.75 3.29	25.78 -0.73 20.87	39.18 -0.73 10.38	36.27 -0.58 13.37	22.84 -1.33 53.45	27.08 -1.83 64.64	35.26 -1.82 51.48	199.68 -5.35 74.14	796.66 -18.15 87.50	28.20 -1.53 55.62	21.66 -0.94 32.23	21.75 -0.97 32.41	22.00 -0.91 22.98	30.44 -1.06 13.70
SITHE___MASSENA 23902	29.63 -0.54 0.00	25.38 -0.57 0.00	23.88 -0.52 0.00	24.12 -0.55 0.00	23.44 -0.47 0.00	22.83 -0.34 0.00	28.22 -0.43 0.00	31.44 -0.34 0.00	30.09 -0.50 0.00	33.75 -0.76 0.00	42.11 -1.36 0.00	45.68 -1.69 0.00	31.31 -1.85 17.13	48.15 -2.07 0.00	75.14 -2.48 0.00	91.97 -1.58 0.00	87.19 -1.37 0.00	275.01 -4.15 0.00	889.82 -12.49 0.00	84.52 -0.83 0.00	54.19 -0.63 0.00	54.49 -0.64 0.00	45.10 -0.80 0.00	44.54 -0.65 0.00
SITHE___OGDNSBRG 24021	30.09 -0.08 0.00	25.74 -0.21 0.00	24.22 -0.18 0.00	24.43 -0.23 0.00	23.78 -0.13 0.00	23.23 0.06 0.00	28.77 0.11 0.00	32.04 0.26 0.00	30.59 0.00 0.00	34.16 -0.35 0.00	42.06 -1.41 0.00	45.51 -1.86 0.00	32.92 -2.07 15.31	47.92 -2.30 0.00	75.09 -2.52 0.00	92.25 -1.30 0.00	87.19 -1.36 0.00	275.66 -3.51 0.00	894.43 -7.88 0.00	85.82 0.47 0.00	55.29 0.47 0.00	55.75 0.62 0.00	46.11 0.21 0.00	45.47 0.28 0.00
SITHE___STERLING 23777	31.30 1.13 0.00	26.87 0.92 0.00	25.21 0.80 0.00	25.44 0.78 0.00	24.64 0.72 0.00	23.98 0.82 0.00	29.80 1.14 0.00	33.10 1.32 0.00	31.87 1.28 0.00	36.00 1.48 0.00	45.51 1.86 -0.18	50.64 2.08 -1.18	52.98 2.09 -0.58	53.17 2.19 -0.75	83.80 3.18 -3.01	100.89 3.69 -3.64	95.00 3.55 -2.90	295.30 11.95 -4.18	947.84 40.59 -4.94	92.50 4.01 -3.14	59.37 2.73 -1.82	59.75 2.79 -1.83	49.60 2.40 -1.30	48.02 2.06 -0.77
SLEIGHT___34_KV_TB1 80719	30.90 0.72 0.00	26.51 0.56 0.00	24.65 0.24 0.00	24.78 0.12 0.00	23.89 -0.02 0.00	23.22 0.06 0.00	28.87 0.22 0.00	32.09 0.32 0.00	31.28 0.70 0.00	35.81 1.29 0.00	45.39 1.80 -0.13	50.33 2.16 -0.80	53.30 2.61 -0.40	53.83 3.10 -0.51	82.86 3.21 -2.04	99.16 3.14 -2.46	93.43 2.92 -1.96	292.12 10.13 -2.83	938.44 32.79 -3.34	90.71 3.25 -2.12	58.07 2.02 -1.23	58.19 1.83 -1.24	47.96 1.19 -0.88	46.49 0.77 -0.52
SOUTH CAIRO___GT 23612	32.22 2.05 0.00	27.66 1.71 0.00	26.01 1.60 0.00	26.34 1.68 0.00	25.51 1.60 0.00	24.62 1.45 0.00	30.54 1.89 0.00	33.66 1.88 0.00	32.04 1.46 0.00	35.87 1.35 0.00	45.35 1.88 0.00	49.50 2.12 0.00	52.54 2.23 0.00	52.65 2.42 0.00	80.97 3.35 0.00	98.16 4.61 0.00	93.42 4.86 0.00	294.18 15.01 0.00	944.81 42.50 0.00	90.40 5.06 0.00	119.37 4.45 -60.09	138.97 4.61 -79.23	49.44 3.54 0.00	48.43 3.24 0.00
SOUTH HAMPTN___IC 23720	47.17 2.82 -14.17	32.38 2.38 -4.04	26.56 2.15 0.00	26.86 2.20 0.00	26.00 2.09 0.00	25.24 2.07 0.00	31.39 2.73 0.00	34.85 3.07 0.00	33.78 3.19 0.00	38.98 3.60 -0.86	47.87 4.41 0.00	51.89 4.51 0.00	54.97 4.87 0.20	55.07 5.12 0.27	85.33 7.72 0.00	103.64 9.35 -0.73	102.07 9.07 -4.45	300.17 21.00 0.00	955.90 53.59 0.00	93.69 6.53 -1.82	73.33 3.93 -14.58	78.63 3.89 -19.61	52.99 3.40 -3.69	59.84 3.68 -10.97
SOUTHDOW___115KV_TB1 355954	31.93 1.76 0.00	27.38 1.42 0.00	25.16 0.76 0.00	25.21 0.54 0.00	24.26 0.35 0.00	23.71 0.54 0.00	30.02 1.37 0.00	33.56 1.78 0.00	32.92 2.33 0.00	38.23 3.72 0.00	48.44 4.97 0.00	53.62 6.24 0.00	57.29 6.99 0.00	58.08 7.86 0.00	87.02 9.40 0.00	103.48 9.92 0.00	96.84 8.28 0.00	308.30 29.13 0.00	971.54 69.23 0.00	91.27 5.93 0.00	58.78 3.96 0.00	58.94 3.81 0.00	48.71 2.81 0.00	47.28 2.09 0.00
SOUTHOLD_69_KV_BK 2 55809	47.69 3.34 -14.17	32.81 2.82 -4.04	26.95 2.54 0.00	27.26 2.60 0.00	26.39 2.48 0.00	25.63 2.46 0.00	31.92 3.27 0.00	35.48 3.70 0.00	34.48 3.89 0.00	39.97 4.59 -0.85	48.70 5.24 0.00	52.40 5.03 0.00	56.61 6.51 0.20	56.59 6.65 0.27	87.68 10.07 0.00	106.51 12.22 -0.73	104.73 11.72 -4.46	302.21 23.05 0.00	962.43 60.12 0.00	96.06 8.90 -1.82	74.78 5.38 -14.58	80.13 5.40 -19.61	54.18 4.59 -3.69	60.91 4.75 -10.97
SOUTHOLD___IC 23719	47.69 3.35 -14.17	32.82 2.82 -4.04	26.95 2.54 0.00	27.26 2.60 0.00	26.39 2.48 0.00	25.63 2.46 0.00	31.92 3.27 0.00	35.48 3.70 0.00	34.47 3.89 0.00	39.97 4.60 -0.86	48.68 5.22 0.00	52.41 5.04 0.00	56.62 6.52 0.20	56.59 6.64 0.27	87.68 10.07 0.00	106.47 12.18 -0.73	104.73 11.72 -4.46	302.21 23.04 0.00	962.64 60.33 0.00	96.07 8.90 -1.82	74.78 5.38 -14.58	80.14 5.40 -19.61	54.18 4.59 -3.69	60.91 4.75 -10.97
SOUTH_FORK_WT_PWR 323839	47.84 3.49 -14.17	32.95 2.95 -4.04	27.07 2.66 0.00	27.38 2.72 0.00	26.51 2.60 0.00	25.74 2.58 0.00	32.06 3.41 0.00	35.63 3.85 0.00	34.62 4.03 0.00	40.08 4.71 -0.86	49.04 5.58 0.00	53.05 5.68 0.00	56.81 6.70 0.20	56.83 6.88 0.27	88.07 10.46 0.00	106.87 12.59 -0.73	104.97 11.97 -4.45	305.71 26.54 0.00	973.08 70.77 0.00	96.25 9.08 -1.82	74.88 5.48 -14.58	80.32 5.58 -19.61	54.33 4.74 -3.69	61.05 4.88 -10.97
SPIERFLS_115KV_TB 1 80737	32.01 1.84 0.00	27.38 1.43 0.00	25.74 1.33 0.00	26.05 1.39 0.00	25.24 1.33 0.00	24.45 1.29 0.00	30.43 1.77 0.00	33.57 1.79 0.00	32.16 1.57 0.00	36.25 1.74 0.00	45.88 2.42 0.00	50.17 2.80 0.00	53.36 3.05 0.00	53.50 3.28 0.00	82.51 4.90 0.00	99.47 5.92 0.00	93.74 5.18 0.00	296.63 17.47 0.00	969.83 67.52 0.00	91.34 6.00 0.00	226.42 4.58 -167.01	279.94 4.61 -220.20	49.51 3.61 0.00	48.63 3.44 0.00
ST LAWRENCE____ 23600	29.53 -0.64 0.00	25.31 -0.64 0.00	23.83 -0.58 0.00	24.06 -0.60 0.00	23.40 -0.51 0.00	22.74 -0.43 0.00	28.08 -0.57 0.00	31.30 -0.48 0.00	30.02 -0.57 0.00	33.70 -0.82 0.00	42.17 -1.30 0.00	45.80 -1.57 0.00	30.71 -1.69 17.90	48.31 -1.92 0.00	75.25 -2.36 0.00	91.29 -2.27 0.00	86.56 -1.99 0.00	272.89 -6.27 0.00	883.57 -18.74 0.00	83.76 -1.59 0.00	53.68 -1.14 0.00	53.90 -1.23 0.00	44.91 -0.99 0.00	44.36 -0.83 0.00
STATE_CA_115KV_115_LB 55624	30.96 0.78 0.00	26.65 0.70 0.00	25.09 0.69 0.00	25.43 0.76 0.00	24.64 0.73 0.00	23.77 0.60 0.00	29.48 0.83 0.00	32.59 0.81 0.00	31.33 0.74 0.00	35.27 0.76 0.00	44.57 1.10 0.00	48.59 1.21 0.00	51.52 1.22 0.00	51.52 1.30 0.00	79.60 1.99 0.00	95.93 2.37 0.00	90.82 2.27 0.00	286.49 7.33 0.00	927.51 25.20 0.00	87.47 2.13 0.00	167.55 1.46 -111.27	203.44 1.61 -146.70	47.12 1.22 0.00	46.42 1.22 0.00
STATE_ST_34_KV_LOAD 55959	30.87 0.70 0.00	26.55 0.60 0.00	24.75 0.35 0.00	25.02 0.35 0.00	24.15 0.23 0.00	23.45 0.28 0.00	29.06 0.41 0.00	32.31 0.53 0.00	31.29 0.71 0.00	35.45 0.93 0.00	45.45 1.46 -0.52	52.36 1.66 -3.32	53.78 1.83 -1.65	54.46 2.11 -2.13	88.41 2.30 -8.50	106.18 2.34 -10.28	98.83 2.09 -8.19	298.90 7.94 -11.79	942.53 26.30 -13.92	96.97 2.78 -8.85	61.81 1.86 -5.13	62.03 1.75 -5.16	50.73 1.17 -3.66	48.37 1.00 -2.18

STATION 5_MISC_HYD 23604	31.25 1.08 0.00	26.80 0.85 0.00	24.85 0.44 0.00	24.93 0.27 0.00	23.99 0.08 0.00	23.32 0.15 0.00	28.98 0.32 0.00	32.16 0.38 0.00	31.43 0.84 0.00	36.15 1.64 0.00	45.69 2.22 0.00	49.91 2.53 0.00	53.41 3.10 0.00	53.98 3.76 0.00	81.29 3.67 0.00	96.97 3.41 0.00	91.74 3.19 0.00	289.79 10.62 0.00	935.89 33.58 0.00	88.74 3.40 0.00	56.97 2.15 0.00	57.12 1.99 0.00	47.30 1.40 0.00	46.16 0.96 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	31.23 1.06 0.00	26.78 0.83 0.00	24.89 0.48 0.00	25.01 0.34 0.00	24.12 0.21 0.00	23.46 0.29 0.00	29.16 0.51 0.00	32.41 0.63 0.00	31.65 1.06 0.00	36.29 1.78 0.00	45.99 2.39 -0.13	51.02 2.80 -0.85	54.01 3.28 -0.42	54.60 3.83 -0.54	84.06 4.27 -2.17	100.54 4.35 -2.63	94.65 4.00 -2.09	296.14 13.96 -3.02	951.82 45.95 -3.56	92.06 4.46 -2.26	58.93 2.80 -1.31	59.03 2.58 -1.32	48.63 1.79 -0.94	47.07 1.32 -0.56
STA_56_34_KV_BUS2_REV_LBMP_B 345033	31.06 0.88 0.00	26.64 0.68 0.00	24.71 0.30 0.00	24.79 0.13 0.00	23.87 -0.05 0.00	23.20 0.03 0.00	28.82 0.17 0.00	32.00 0.23 0.00	31.28 0.69 0.00	35.96 1.44 0.00	45.41 1.95 0.00	49.64 2.26 0.00	53.13 2.83 0.00	53.68 3.46 0.00	80.98 3.37 0.00	96.69 3.13 0.00	91.49 2.94 0.00	289.17 10.01 0.00	933.67 31.36 0.00	88.47 3.13 0.00	56.77 1.95 0.00	56.90 1.77 0.00	47.09 1.19 0.00	45.94 0.75 0.00
STA_56____34_KV_BUS2 355983	31.06 0.88 0.00	26.64 0.68 0.00	24.71 0.30 0.00	24.79 0.13 0.00	23.87 -0.05 0.00	23.20 0.03 0.00	28.82 0.17 0.00	32.00 0.23 0.00	31.28 0.69 0.00	35.96 1.44 0.00	45.41 1.95 0.00	49.64 2.26 0.00	53.13 2.83 0.00	53.68 3.46 0.00	80.98 3.37 0.00	96.69 3.13 0.00	91.49 2.94 0.00	289.17 10.01 0.00	933.67 31.36 0.00	88.47 3.13 0.00	56.77 1.95 0.00	56.90 1.77 0.00	47.09 1.19 0.00	45.94 0.75 0.00
STA_67____115KV_BK2 355882	31.16 0.99 0.00	26.73 0.78 0.00	24.78 0.38 0.00	24.86 0.20 0.00	23.92 0.01 0.00	23.26 0.09 0.00	28.90 0.24 0.00	32.06 0.28 0.00	31.33 0.74 0.00	36.03 1.51 0.00	45.50 2.04 0.00	49.73 2.36 0.00	53.24 2.93 0.00	53.78 3.55 0.00	80.98 3.37 0.00	96.59 3.03 0.00	91.38 2.83 0.00	288.70 9.53 0.00	932.28 29.98 0.00	88.39 3.04 0.00	56.76 1.94 0.00	56.91 1.78 0.00	47.12 1.23 0.00	46.00 0.80 0.00
STA_7____115KV_9TRANS 80674	31.45 1.28 0.00	26.96 1.01 0.00	24.99 0.59 0.00	25.07 0.41 0.00	24.12 0.21 0.00	23.46 0.29 0.00	29.15 0.49 0.00	32.36 0.58 0.00	31.64 1.05 0.00	36.43 1.91 0.00	46.01 2.55 0.00	50.27 2.89 0.00	53.80 3.50 0.00	54.40 4.17 0.00	81.94 4.33 0.00	97.83 4.27 0.00	92.56 4.00 0.00	292.53 13.37 0.00	944.98 42.67 0.00	89.58 4.23 0.00	57.52 2.70 0.00	57.65 2.51 0.00	47.70 1.80 0.00	46.52 1.32 0.00
STA_82____115KV_TB1 80780	31.18 1.01 0.00	26.74 0.79 0.00	24.80 0.39 0.00	24.87 0.21 0.00	23.94 0.02 0.00	23.27 0.10 0.00	28.90 0.25 0.00	32.08 0.31 0.00	31.34 0.75 0.00	36.06 1.54 0.00	45.53 2.07 0.00	49.76 2.39 0.00	53.25 2.95 0.00	53.80 3.58 0.00	81.00 3.39 0.00	96.63 3.07 0.00	91.44 2.89 0.00	288.88 9.72 0.00	932.94 30.63 0.00	88.45 3.10 0.00	56.80 1.98 0.00	56.94 1.82 0.00	47.16 1.26 0.00	46.02 0.83 0.00
STEEL____WIND 323596	31.57 1.40 0.00	27.02 1.06 0.00	24.88 0.47 0.00	24.90 0.24 0.00	23.86 -0.05 0.00	23.26 0.09 0.00	28.98 0.33 0.00	32.11 0.33 0.00	31.64 1.05 0.00	36.60 2.08 0.00	46.25 2.79 0.00	51.02 3.64 0.00	54.90 4.60 0.00	55.58 5.36 0.00	82.61 5.00 0.00	97.66 4.10 0.00	92.16 3.60 0.00	291.43 12.26 0.00	935.90 33.59 0.00	88.67 3.33 0.00	57.02 2.20 0.00	57.30 2.17 0.00	47.29 1.39 0.00	46.11 0.91 0.00
STEPHTWN_115KV_BK_2 55603	31.08 0.91 0.00	26.70 0.75 0.00	25.12 0.71 0.00	25.45 0.79 0.00	24.63 0.72 0.00	23.81 0.64 0.00	29.66 1.00 0.00	32.78 1.00 0.00	31.51 0.92 0.00	35.21 0.69 0.00	44.79 1.33 0.00	48.74 1.37 0.00	51.62 1.32 0.00	51.56 1.33 0.00	79.69 2.07 0.00	96.09 2.53 0.00	90.95 2.40 0.00	287.08 7.91 0.00	928.95 26.64 0.00	87.47 2.13 0.00	144.99 1.44 -88.73	173.96 1.85 -116.98	47.13 1.23 0.00	46.38 1.19 0.00
STEUBEN_REC_LFGE 323667	30.53 0.36 0.00	25.99 0.04 0.00	24.20 -0.20 0.00	24.29 -0.37 0.00	23.61 -0.30 0.00	23.17 0.00 0.00	28.97 0.32 0.00	32.20 0.42 0.00	31.71 1.12 0.00	36.93 2.42 0.00	46.88 3.25 -0.17	52.59 4.14 -1.07	55.34 4.51 -0.53	55.96 5.05 -0.68	85.79 5.45 -2.73	101.93 5.07 -3.31	95.52 4.34 -2.63	299.34 16.38 -3.79	958.60 51.81 -4.48	92.92 4.73 -2.84	59.50 3.03 -1.65	59.38 2.59 -1.66	48.63 1.56 -1.18	47.51 1.61 -0.70
STILLWATER____SOLAR 323814	31.85 1.67 0.00	27.33 1.37 0.00	25.68 1.27 0.00	25.98 1.32 0.00	25.18 1.27 0.00	24.36 1.19 0.00	30.28 1.63 0.00	33.43 1.65 0.00	32.08 1.49 0.00	36.11 1.59 0.00	45.58 2.12 0.00	49.73 2.35 0.00	52.77 2.47 0.00	52.85 2.62 0.00	81.73 4.12 0.00	98.55 4.99 0.00	93.25 4.70 0.00	294.99 15.83 0.00	960.31 58.00 0.00	90.59 5.25 0.00	219.38 3.75 -160.81	270.93 3.78 -212.02	48.88 2.98 0.00	48.08 2.89 0.00
STONY____BROOK 24151	46.58 2.23 -14.17	31.90 1.90 -4.04	26.12 1.72 0.00	26.41 1.75 0.00	25.56 1.65 0.00	24.80 1.63 0.00	30.79 2.13 0.00	34.13 2.35 0.00	33.09 2.50 0.00	38.37 3.00 -0.86	47.25 3.79 0.00	51.29 3.91 0.00	53.90 3.90 0.30	53.83 4.04 0.43	83.63 6.02 0.00	101.89 7.14 -1.19	102.33 6.70 -7.07	294.74 15.57 0.00	939.28 36.97 0.00	91.61 4.45 -1.82	72.25 2.85 -14.58	77.63 2.90 -19.61	52.22 2.64 -3.69	59.20 3.04 -10.97
STURGEON_POOL_HYD 23609	31.34 1.17 0.00	26.96 1.01 0.00	25.34 0.93 0.00	25.59 0.92 0.00	24.81 0.90 0.00	24.02 0.86 0.00	29.85 1.19 0.00	33.18 1.41 0.00	32.19 1.60 0.00	36.30 1.78 0.00	45.67 2.21 0.00	49.82 2.45 0.00	52.81 2.51 0.00	53.01 2.78 0.00	81.98 4.37 0.00	99.02 5.46 0.00	93.59 5.03 0.00	293.16 14.00 0.00	939.85 37.55 0.00	88.28 2.94 0.00	81.46 1.62 -25.01	89.84 1.73 -32.98	47.31 1.41 0.00	46.64 1.45 0.00
ST_LAW_115_BK7_LBMP 345037	29.48 -0.69 0.00	25.26 -0.69 0.00	23.78 -0.63 0.00	24.01 -0.65 0.00	23.36 -0.55 0.00	22.71 -0.46 0.00	28.05 -0.61 0.00	31.26 -0.52 0.00	29.96 -0.63 0.00	33.62 -0.89 0.00	42.03 -1.43 0.00	45.65 -1.73 0.00	30.70 -1.85 17.75	48.13 -2.10 0.00	75.03 -2.59 0.00	91.12 -2.44 0.00	86.43 -2.13 0.00	272.47 -6.70 0.00	881.85 -20.46 0.00	83.63 -1.71 0.00	53.59 -1.23 0.00	53.83 -1.30 0.00	44.84 -1.06 0.00	44.31 -0.89 0.00
ST_LAW_115_BK8_LBMP 345038	29.48 -0.69 0.00	25.26 -0.69 0.00	23.78 -0.63 0.00	24.01 -0.65 0.00	23.36 -0.55 0.00	22.71 -0.46 0.00	28.05 -0.61 0.00	31.26 -0.52 0.00	29.96 -0.63 0.00	33.62 -0.89 0.00	42.03 -1.43 0.00	45.65 -1.73 0.00	30.70 -1.85 17.75	48.13 -2.10 0.00	75.03 -2.59 0.00	91.12 -2.44 0.00	86.43 -2.13 0.00	272.47 -6.70 0.00	881.85 -20.46 0.00	83.63 -1.71 0.00	53.59 -1.23 0.00	53.83 -1.30 0.00	44.84 -1.06 0.00	44.31 -0.89 0.00

ST_LAW_230_BK5_LBMP 345035	29.53 -0.64 0.00	25.31 -0.64 0.00	23.83 -0.58 0.00	24.06 -0.60 0.00	23.40 -0.51 0.00	22.74 -0.43 0.00	28.08 -0.57 0.00	31.30 -0.48 0.00	30.02 -0.57 0.00	33.70 -0.82 0.00	42.17 -1.30 0.00	45.80 -1.57 0.00	30.49 -1.69 18.12	48.31 -1.92 0.00	75.25 -2.36 0.00	91.29 -2.27 0.00	86.56 -1.99 0.00	272.89 -6.27 0.00	883.57 -18.74 0.00	83.76 -1.59 0.00	53.68 -1.14 0.00	53.90 -1.23 0.00	44.91 -0.99 0.00	44.36 -0.83 0.00
ST_LAW_230_BK6_LBMP 345036	29.53 -0.64 0.00	25.31 -0.64 0.00	23.83 -0.58 0.00	24.06 -0.60 0.00	23.40 -0.51 0.00	22.74 -0.43 0.00	28.08 -0.57 0.00	31.30 -0.48 0.00	30.02 -0.57 0.00	33.70 -0.82 0.00	42.17 -1.30 0.00	45.80 -1.57 0.00	30.49 -1.69 18.12	48.31 -1.92 0.00	75.25 -2.36 0.00	91.29 -2.27 0.00	86.56 -1.99 0.00	272.89 -6.27 0.00	883.57 -18.74 0.00	83.76 -1.59 0.00	53.68 -1.14 0.00	53.90 -1.23 0.00	44.91 -0.99 0.00	44.36 -0.83 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	31.28 1.11 0.00	26.91 0.96 0.00	25.28 0.87 0.00	25.54 0.88 0.00	24.76 0.85 0.00	23.98 0.81 0.00	29.78 1.13 0.00	33.05 1.27 0.00	31.95 1.36 0.00	36.07 1.55 0.00	45.47 2.01 0.00	49.64 2.27 0.00	52.59 2.29 0.00	52.81 2.58 0.00	81.65 4.04 0.00	98.38 4.83 0.00	92.97 4.42 0.00	291.81 12.64 0.00	937.76 35.45 0.00	88.15 2.80 0.00	69.82 1.72 -13.27	74.45 1.83 -17.49	47.34 1.44 0.00	46.67 1.48 0.00
SWANROAD_115KV_TB1 355699	30.94 0.76 0.00	26.51 0.56 0.00	24.36 -0.05 0.00	24.34 -0.33 0.00	23.29 -0.62 0.00	22.68 -0.49 0.00	28.18 -0.47 0.00	31.15 -0.63 0.00	30.62 0.03 0.00	35.41 0.90 0.00	44.73 1.27 0.00	49.09 1.72 0.00	52.97 2.67 0.00	53.68 3.45 0.00	79.31 1.70 0.00	93.39 -0.17 0.00	87.90 -0.65 0.00	276.88 -2.29 0.00	892.53 -9.78 0.00	85.31 -0.03 0.00	54.96 0.13 0.00	55.23 0.10 0.00	45.57 -0.33 0.00	44.57 -0.63 0.00
SYNERGY___BIOGAS 323694	32.26 2.09 0.00	27.59 1.64 0.00	25.41 1.00 0.00	25.42 0.76 0.00	24.39 0.47 0.00	23.75 0.58 0.00	29.57 0.92 0.00	32.80 1.03 0.00	32.19 1.60 0.00	37.24 2.73 0.00	46.82 3.36 0.00	50.73 3.35 0.00	53.97 3.67 0.00	54.78 4.55 0.00	81.73 4.12 0.00	97.03 3.48 0.00	91.64 3.09 0.00	290.69 11.53 0.00	941.70 39.39 0.00	89.72 4.37 0.00	57.64 2.82 0.00	58.09 2.96 0.00	48.46 2.56 0.00	47.16 1.96 0.00
SYRACUSE___ENERGY_ST1 323597	30.46 0.29 0.00	26.20 0.25 0.00	24.54 0.13 0.00	24.79 0.12 0.00	23.99 0.08 0.00	23.26 0.09 0.00	28.77 0.12 0.00	31.86 0.08 0.00	30.80 0.21 0.00	34.89 0.37 0.00	44.63 0.53 -0.63	52.10 0.75 -3.98	53.04 0.75 -1.98	53.74 0.96 -2.55	88.78 0.98 -10.19	106.78 0.90 -12.32	99.16 0.80 -9.81	296.51 3.22 -14.13	928.58 9.59 -16.68	96.97 1.02 -10.60	61.65 0.69 -6.14	61.95 0.64 -6.18	50.67 0.38 -4.38	47.96 0.15 -2.61
SYRACUSE___ENERGY_ST2 323598	30.46 0.29 0.00	26.20 0.25 0.00	24.54 0.13 0.00	24.79 0.12 0.00	23.99 0.08 0.00	23.26 0.09 0.00	28.77 0.12 0.00	31.86 0.08 0.00	30.80 0.21 0.00	34.89 0.37 0.00	44.63 0.53 -0.63	52.10 0.75 -3.98	53.04 0.75 -1.98	53.74 0.96 -2.55	88.78 0.98 -10.19	106.78 0.90 -12.32	99.16 0.80 -9.81	296.51 3.22 -14.13	928.58 9.59 -16.68	96.97 1.02 -10.60	61.65 0.69 -6.14	61.95 0.64 -6.18	50.67 0.38 -4.38	47.96 0.15 -2.61
SYRACUSE___POWER 24017	30.42 0.25 0.00	26.17 0.22 0.00	24.52 0.11 0.00	24.74 0.07 0.00	23.95 0.04 0.00	23.23 0.07 0.00	28.76 0.10 0.00	31.86 0.08 0.00	30.82 0.23 0.00	34.96 0.44 0.00	44.56 0.67 -0.42	51.00 0.95 -2.68	52.63 1.00 -1.33	53.14 1.20 -1.72	85.82 1.35 -6.86	103.19 1.34 -8.29	96.35 1.20 -6.61	293.12 4.44 -9.51	926.70 13.16 -11.23	93.82 1.34 -7.14	59.84 0.88 -4.14	60.12 0.83 -4.16	49.36 0.51 -2.95	47.22 0.27 -1.76
TALLMAN___138KV_BK151 55660	31.37 1.20 0.00	26.99 1.04 0.00	25.36 0.95 0.00	25.61 0.95 0.00	24.83 0.92 0.00	24.06 0.89 0.00	29.88 1.22 0.00	33.15 1.37 0.00	32.07 1.48 0.00	36.20 1.68 0.00	45.65 2.18 0.00	49.87 2.49 0.00	52.79 2.49 0.00	53.05 2.82 0.00	82.08 4.47 0.00	98.88 5.32 0.00	93.35 4.80 0.00	292.53 13.36 0.00	938.30 35.99 0.00	88.07 2.73 0.00	70.23 1.65 -13.75	75.07 1.81 -18.13	47.32 1.42 0.00	46.69 1.50 0.00
TEALLAVE_115KV_TB7 355573	30.34 0.17 0.00	26.10 0.15 0.00	24.46 0.06 0.00	24.67 0.01 0.00	23.88 -0.03 0.00	23.17 0.01 0.00	28.69 0.04 0.00	31.78 0.00 0.00	30.75 0.16 0.00	34.87 0.36 0.00	44.39 0.58 -0.34	50.37 0.82 -2.17	52.26 0.88 -1.08	52.71 1.10 -1.39	84.32 1.15 -5.56	101.34 1.06 -6.72	94.83 0.93 -5.35	290.39 3.52 -7.71	921.67 10.26 -9.10	92.19 1.06 -5.78	58.90 0.72 -3.35	59.18 0.68 -3.37	48.68 0.40 -2.39	46.78 0.16 -1.42
TELGRAPH_34_KV_EAST 80808	31.66 1.49 0.00	27.10 1.15 0.00	24.94 0.53 0.00	24.93 0.27 0.00	23.89 -0.02 0.00	23.25 0.08 0.00	28.91 0.25 0.00	31.99 0.21 0.00	31.42 0.83 0.00	36.34 1.83 0.00	45.84 2.38 0.00	50.11 2.73 0.00	53.87 3.57 0.00	54.62 4.39 0.00	81.10 3.48 0.00	95.87 2.31 0.00	90.42 1.87 0.00	285.73 6.56 0.00	922.68 20.37 0.00	87.90 2.56 0.00	56.54 1.72 0.00	56.83 1.70 0.00	46.97 1.07 0.00	45.82 0.62 0.00
TEMPLE___115KV_TB 2 55572	30.35 0.18 0.00	26.12 0.16 0.00	24.47 0.07 0.00	24.68 0.02 0.00	23.89 -0.02 0.00	23.19 0.02 0.00	28.71 0.05 0.00	31.80 0.02 0.00	30.77 0.18 0.00	34.91 0.39 0.00	44.43 0.63 -0.34	50.43 0.89 -2.16	52.32 0.94 -1.08	52.76 1.15 -1.39	84.39 1.23 -5.55	101.45 1.19 -6.71	94.92 1.03 -5.34	290.66 3.80 -7.69	922.55 11.16 -9.08	92.25 1.14 -5.77	58.93 0.76 -3.34	59.20 0.70 -3.36	48.71 0.42 -2.39	46.80 0.18 -1.42
TIANA___69_KV_BK 1 55817	46.99 2.65 -14.17	32.23 2.24 -4.04	26.42 2.02 0.00	26.73 2.07 0.00	25.87 1.96 0.00	25.11 1.94 0.00	31.23 2.57 0.00	34.66 2.89 0.00	33.60 3.01 0.00	38.78 3.41 -0.85	47.69 4.22 0.00	51.67 4.29 0.00	54.65 4.55 0.20	54.74 4.79 0.27	84.83 7.22 0.00	103.07 8.78 -0.73	101.55 8.54 -4.46	298.94 19.77 0.00	952.16 49.85 0.00	93.23 6.07 -1.82	73.07 3.67 -14.58	78.36 3.62 -19.61	52.78 3.20 -3.69	59.64 3.49 -10.97
TILDEN___115KV_TB1 80814	30.42 0.25 0.00	26.17 0.22 0.00	24.52 0.11 0.00	24.74 0.07 0.00	23.95 0.04 0.00	23.23 0.07 0.00	28.76 0.10 0.00	31.86 0.08 0.00	30.82 0.23 0.00	34.96 0.44 0.00	44.56 0.67 -0.42	51.00 0.95 -2.68	52.63 1.00 -1.33	53.14 1.20 -1.72	85.82 1.35 -6.86	103.19 1.34 -8.29	96.35 1.20 -6.61	293.12 4.44 -9.51	926.70 13.16 -11.23	93.82 1.34 -7.14	59.84 0.88 -4.14	60.12 0.83 -4.16	49.36 0.51 -2.95	47.22 0.27 -1.76
TRIGEN___CC 323695	46.22 1.87 -14.17	31.57 1.58 -4.04	25.83 1.42 0.00	26.10 1.44 0.00	25.28 1.37 0.00	24.51 1.34 0.00	30.47 1.81 0.00	33.79 2.01 0.00	32.73 2.14 0.00	37.85 2.48 -0.85	46.58 3.12 0.00	50.69 3.31 0.00	53.60 3.30 0.00	53.71 3.47 -0.02	82.86 5.25 0.00	99.89 6.33 0.00	94.57 6.02 0.00	295.23 16.06 0.00	944.30 41.99 0.00	90.94 3.78 -1.82	71.81 2.41 -14.58	77.26 2.53 -19.61	51.86 2.27 -3.69	58.59 2.43 -10.97

TRINITY__115KV__4 BK 55933	30.78 0.61 0.00	26.51 0.56 0.00	24.97 0.56 0.00	25.30 0.64 0.00	24.52 0.61 0.00	23.65 0.48 0.00	29.32 0.67 0.00	32.40 0.62 0.00	31.13 0.54 0.00	35.01 0.50 0.00	44.24 0.78 0.00	48.18 0.80 0.00	51.07 0.77 0.00	51.04 0.81 0.00	78.84 1.23 0.00	95.02 1.46 0.00	89.95 1.40 0.00	283.70 4.54 0.00	919.20 16.89 0.00	86.69 1.34 0.00	148.01 1.03 -92.16	177.78 1.14 -121.50	46.76 0.87 0.00	46.11 0.92 0.00
UNION__PROCESSING_DRP 323587	31.18 1.01 0.00	26.75 0.80 0.00	24.80 0.39 0.00	24.88 0.22 0.00	23.94 0.03 0.00	23.27 0.10 0.00	28.92 0.27 0.00	32.09 0.31 0.00	31.36 0.77 0.00	36.07 1.55 0.00	45.54 2.08 0.00	49.77 2.40 0.00	53.27 2.96 0.00	53.82 3.59 0.00	81.04 3.43 0.00	96.68 3.12 0.00	91.47 2.92 0.00	289.05 9.89 0.00	933.35 31.04 0.00	88.50 3.15 0.00	56.83 2.01 0.00	56.98 1.86 0.00	47.18 1.28 0.00	46.04 0.85 0.00
UPPER HUDSON__HYD 24058	32.01 1.84 0.00	27.38 1.43 0.00	25.74 1.33 0.00	26.05 1.38 0.00	25.24 1.33 0.00	24.45 1.29 0.00	30.43 1.77 0.00	33.56 1.79 0.00	32.16 1.57 0.00	36.25 1.74 0.00	45.88 2.41 0.00	50.17 2.80 0.00	53.36 3.05 0.00	53.50 3.28 0.00	82.51 4.90 0.00	99.47 5.92 0.00	93.74 5.18 0.00	296.63 17.47 0.00	969.82 67.51 0.00	91.34 6.00 0.00	226.42 4.59 -167.01	279.93 4.61 -220.20	49.51 3.61 0.00	48.63 3.44 0.00
UPPER RAQUET__HYD 24056	29.54 -0.63 0.00	25.26 -0.69 0.00	23.81 -0.59 0.00	24.02 -0.64 0.00	23.31 -0.60 0.00	22.81 -0.36 0.00	28.26 -0.39 0.00	31.44 -0.34 0.00	29.81 -0.78 0.00	33.36 -1.16 0.00	41.55 -2.02 -0.11	45.32 -2.74 -0.68	33.41 -3.08 13.82	47.43 -3.23 -0.44	75.30 -4.06 -1.74	92.41 -3.25 -2.11	87.23 -3.00 -1.68	272.72 -8.85 -2.40	879.54 -25.55 -2.79	85.35 -1.77 -1.77	54.75 -1.10 -1.03	55.39 -0.77 -1.03	45.88 -0.75 -0.73	45.08 -0.55 -0.44
VALLEY44_115KV_TB2 355964	31.34 1.17 0.00	26.90 0.94 0.00	24.92 0.52 0.00	25.06 0.39 0.00	24.15 0.23 0.00	23.57 0.40 0.00	29.44 0.78 0.00	32.66 0.89 0.00	31.94 1.35 0.00	36.69 2.18 0.00	46.35 2.89 0.00	51.22 3.84 0.00	54.17 3.87 0.00	54.66 4.43 0.00	81.81 4.20 0.00	96.96 3.40 0.00	91.03 2.48 0.00	288.35 9.18 0.00	922.62 20.31 0.00	87.11 1.76 0.00	56.19 1.37 0.00	56.75 1.62 0.00	47.02 1.12 0.00	45.99 0.79 0.00
VALLEY__115KV_TB 1-4 80826	30.82 0.64 0.00	26.48 0.52 0.00	24.88 0.48 0.00	25.16 0.50 0.00	24.41 0.49 0.00	23.60 0.43 0.00	29.22 0.56 0.00	32.33 0.55 0.00	31.03 0.45 0.00	35.03 0.52 0.00	44.12 0.65 0.00	48.22 0.84 0.00	52.08 0.89 -0.89	51.25 1.03 0.00	79.32 1.71 0.00	95.63 2.07 0.00	90.23 1.68 0.00	285.71 6.54 0.00	928.02 25.71 0.00	87.66 2.31 0.00	56.60 1.77 0.00	56.80 1.67 0.00	47.23 1.33 0.00	46.36 1.16 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	31.45 1.27 0.00	27.05 1.10 0.00	25.42 1.02 0.00	25.70 1.04 0.00	24.91 0.99 0.00	24.08 0.91 0.00	29.87 1.21 0.00	33.15 1.38 0.00	32.04 1.46 0.00	36.27 1.75 0.00	45.89 2.32 -0.11	50.76 2.71 -0.67	53.48 2.84 -0.33	53.64 2.98 -0.43	83.49 4.15 -1.72	100.40 4.76 -2.08	94.69 4.48 -1.66	295.61 14.06 -2.39	948.78 43.65 -2.82	91.12 3.98 -1.80	77.63 2.55 -20.26	84.12 2.61 -26.38	48.65 2.01 -0.74	47.51 1.88 -0.44
VISCHER__FERRY HYD 24020	31.34 1.17 0.00	26.95 0.99 0.00	25.34 0.93 0.00	25.66 0.99 0.00	24.87 0.95 0.00	24.03 0.86 0.00	29.84 1.19 0.00	32.93 1.15 0.00	31.62 1.03 0.00	35.53 1.02 0.00	44.87 1.40 0.00	48.84 1.47 0.00	51.79 1.49 0.00	51.79 1.56 0.00	80.08 2.47 0.00	96.55 2.99 0.00	91.38 2.82 0.00	288.78 9.62 0.00	939.17 36.86 0.00	88.51 3.16 0.00	195.73 2.32 -138.58	240.20 2.36 -182.71	47.76 1.86 0.00	47.11 1.92 0.00
V_A_10_SYNC_DSASP 323832	30.85 0.68 0.00	26.47 0.52 0.00	24.45 0.04 0.00	24.49 -0.17 0.00	23.50 -0.41 0.00	22.86 -0.31 0.00	28.43 -0.22 0.00	31.47 -0.31 0.00	30.85 0.27 0.00	35.58 1.06 0.00	44.96 1.49 0.00	49.29 1.91 0.00	52.94 2.64 0.00	53.49 3.27 0.00	79.54 1.93 0.00	94.21 0.65 0.00	88.98 0.43 0.00	280.81 1.64 0.00	905.29 2.98 0.00	85.94 0.59 0.00	55.23 0.41 0.00	55.46 0.33 0.00	46.00 0.10 0.00	44.97 -0.22 0.00
V_CMM_10_SYNC_DSASP 323787	29.62 -0.55 0.00	25.39 -0.56 0.00	23.89 -0.51 0.00	24.12 -0.54 0.00	23.46 -0.45 0.00	22.82 -0.35 0.00	28.19 -0.47 0.00	31.42 -0.36 0.00	30.12 -0.47 0.00	33.80 -0.71 0.00	42.26 -1.20 0.00	45.91 -1.47 0.00	30.96 -1.60 17.75	48.40 -1.82 0.00	75.43 -2.18 0.00	91.60 -1.95 0.00	86.88 -1.68 0.00	273.85 -5.32 0.00	883.04 -19.27 0.00	83.72 -1.63 0.00	53.65 -1.18 0.00	53.90 -1.24 0.00	45.06 -0.84 0.00	44.51 -0.68 0.00
V_CMP_10_SYNC_DSASP 323788	30.34 0.17 0.00	25.62 -0.33 0.00	24.42 0.01 0.00	24.60 -0.07 0.00	23.87 -0.05 0.00	23.03 -0.14 0.00	28.33 -0.33 0.00	31.78 0.00 0.00	30.66 0.07 0.00	34.41 -0.11 0.00	42.71 -0.75 0.00	45.76 -1.61 0.00	30.31 -2.26 17.74	47.80 -2.43 0.00	74.82 -2.79 0.00	90.33 -3.22 0.00	85.94 -2.61 0.00	271.49 -7.67 0.00	879.63 -22.68 0.00	83.51 -1.83 0.00	53.67 -1.15 0.00	53.97 -1.16 0.00	45.08 -0.82 0.00	44.96 -0.23 0.00
V_D_10_SYNC_DSASP 323841	29.64 -0.54 0.00	25.39 -0.56 0.00	23.89 -0.51 0.00	24.12 -0.54 0.00	23.45 -0.46 0.00	22.84 -0.33 0.00	28.23 -0.43 0.00	31.45 -0.32 0.00	30.11 -0.48 0.00	33.76 -0.75 0.00	42.14 -1.33 0.00	45.72 -1.66 0.00	31.31 -1.81 17.18	48.18 -2.05 0.00	75.20 -2.41 0.00	91.98 -1.58 0.00	87.20 -1.35 0.00	275.01 -4.15 0.00	890.09 -12.22 0.00	84.53 -0.82 0.00	54.19 -0.63 0.00	54.50 -0.63 0.00	45.12 -0.78 0.00	44.56 -0.64 0.00
V_E_10_SYNC_DSASP 323830	32.81 2.64 0.00	28.07 2.11 0.00	26.24 1.84 0.00	26.36 1.70 0.00	25.69 1.78 0.00	25.09 1.93 0.00	31.24 2.59 0.00	34.78 3.00 0.00	33.61 3.02 0.00	38.01 3.50 0.00	48.05 4.35 -0.24	54.37 5.45 -1.55	56.75 5.68 -0.77	57.40 6.18 -0.99	89.67 8.09 -3.96	107.97 9.63 -4.79	101.52 9.15 -3.82	317.22 32.56 -5.50	1022.60 113.80 -6.49	100.69 11.22 -4.13	73.24 7.19 -11.23	75.85 6.66 -14.06	52.40 4.80 -1.70	50.40 4.19 -1.02
V_F_30_NSYNC__DSASP 323816	31.89 1.72 0.00	27.36 1.40 0.00	25.70 1.30 0.00	26.02 1.35 0.00	25.20 1.29 0.00	24.39 1.22 0.00	30.31 1.66 0.00	33.48 1.70 0.00	32.15 1.56 0.00	36.22 1.71 0.00	45.74 2.28 0.00	49.91 2.53 0.00	52.98 2.67 0.00	53.06 2.84 0.00	82.05 4.44 0.00	98.92 5.36 0.00	93.54 4.99 0.00	295.87 16.70 0.00	962.42 60.11 0.00	90.79 5.44 0.00	222.28 3.87 -163.59	274.71 3.90 -215.68	48.95 3.05 0.00	48.15 2.95 0.00
V_F_30_SYNC_DSASP 323786	30.96 0.78 0.00	26.65 0.69 0.00	25.09 0.69 0.00	25.43 0.76 0.00	24.64 0.73 0.00	23.77 0.60 0.00	29.48 0.82 0.00	32.59 0.81 0.00	31.32 0.73 0.00	35.27 0.75 0.00	44.56 1.10 0.00	48.59 1.21 0.00	51.52 1.22 0.00	51.51 1.28 0.00	79.60 1.98 0.00	95.92 2.37 0.00	90.81 2.26 0.00	286.41 7.24 0.00	927.51 25.20 0.00	87.44 2.10 0.00	165.99 1.45 -109.71	201.38 1.60 -144.65	47.12 1.22 0.00	46.41 1.22 0.00

V_XM10_SYNC_DSASP 323789	30.34 0.17 0.00	25.62 -0.33 0.00	24.42 0.01 0.00	24.60 -0.07 0.00	23.87 -0.05 0.00	23.03 -0.14 0.00	28.33 -0.33 0.00	31.78 0.00 0.00	30.66 0.07 0.00	34.41 -0.11 0.00	42.71 -0.75 0.00	45.76 -1.61 0.00	30.31 -2.26 17.74	47.80 -2.43 0.00	74.82 -2.79 0.00	90.33 -3.22 0.00	85.94 -2.61 0.00	271.49 -7.67 0.00	879.63 -22.68 0.00	83.51 -1.83 0.00	53.67 -1.15 0.00	53.97 -1.16 0.00	45.08 -0.82 0.00	44.96 -0.23 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	31.47 1.29 0.00	27.08 1.12 0.00	25.44 1.03 0.00	25.69 1.03 0.00	24.91 1.00 0.00	24.13 0.97 0.00	29.98 1.32 0.00	33.26 1.49 0.00	32.16 1.57 0.00	36.30 1.78 0.00	45.78 2.32 0.00	50.02 2.65 0.00	52.97 2.67 0.00	53.21 2.99 0.00	82.34 4.73 0.00	99.20 5.65 0.00	93.68 5.13 0.00	293.63 14.46 0.00	941.73 39.42 0.00	88.40 3.05 0.00	70.56 1.88 -13.86	75.40 1.99 -18.28	47.48 1.57 0.00	46.82 1.63 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	31.73 1.55 0.00	27.26 1.31 0.00	25.60 1.20 0.00	25.85 1.19 0.00	25.07 1.16 0.00	24.31 1.15 0.00	30.24 1.58 0.00	33.64 1.86 0.00	32.59 2.01 0.00	36.80 2.29 0.00	46.32 2.85 0.00	50.48 3.10 0.00	53.45 3.15 0.00	53.59 3.36 0.00	82.80 5.18 0.00	99.60 6.05 0.00	94.09 5.54 0.00	294.54 15.38 0.00	944.23 41.92 0.00	88.70 3.36 0.00	71.51 2.10 -14.59	76.54 2.18 -19.23	47.67 1.77 0.00	47.09 1.90 0.00
W50THST__13_KV_LOAD 356117	31.92 1.75 0.00	27.42 1.46 0.00	25.74 1.34 0.00	25.99 1.32 0.00	25.20 1.29 0.00	24.46 1.29 0.00	30.45 1.80 0.00	33.88 2.11 0.00	32.83 2.25 0.00	37.09 2.57 0.00	46.69 3.22 0.00	50.90 3.52 0.00	53.93 3.63 0.00	54.07 3.85 0.00	83.53 5.92 0.00	100.44 6.89 0.00	94.85 6.29 0.00	296.87 17.70 0.00	951.03 48.72 0.00	89.27 3.93 0.00	71.86 2.46 -14.59	76.87 2.51 -19.23	47.95 2.05 0.00	47.37 2.18 0.00
WADING RIVER_IC_1 23522	46.35 2.01 -14.17	31.69 1.70 -4.04	25.93 1.53 0.00	26.23 1.56 0.00	25.39 1.48 0.00	24.64 1.47 0.00	30.62 1.96 0.00	33.95 2.17 0.00	32.91 2.32 0.00	38.14 2.77 -0.86	46.90 3.44 0.00	50.84 3.47 0.00	53.66 3.55 0.20	53.71 3.76 0.27	83.24 5.64 0.00	101.10 6.82 -0.72	99.65 6.70 -4.40	293.32 14.15 0.00	934.10 31.79 0.00	91.53 4.37 -1.82	72.03 2.63 -14.58	77.33 2.59 -19.61	51.96 2.37 -3.69	58.91 2.75 -10.97
WADING RIVER_IC_2 23547	46.35 2.01 -14.17	31.69 1.70 -4.04	25.93 1.53 0.00	26.23 1.56 0.00	25.39 1.48 0.00	24.64 1.47 0.00	30.62 1.96 0.00	33.95 2.17 0.00	32.91 2.32 0.00	38.14 2.77 -0.86	46.90 3.44 0.00	50.84 3.47 0.00	53.66 3.55 0.20	53.71 3.76 0.27	83.24 5.64 0.00	101.10 6.82 -0.72	99.65 6.70 -4.40	293.32 14.15 0.00	934.10 31.79 0.00	91.53 4.37 -1.82	72.03 2.63 -14.58	77.33 2.59 -19.61	51.96 2.37 -3.69	58.91 2.75 -10.97
WADING RIVER_IC_3 23601	46.35 2.01 -14.17	31.69 1.70 -4.04	25.93 1.53 0.00	26.23 1.56 0.00	25.39 1.48 0.00	24.64 1.47 0.00	30.62 1.96 0.00	33.95 2.17 0.00	32.91 2.32 0.00	38.14 2.77 -0.86	46.90 3.44 0.00	50.84 3.47 0.00	53.66 3.55 0.20	53.71 3.76 0.27	83.24 5.64 0.00	101.10 6.82 -0.72	99.65 6.70 -4.40	293.32 14.15 0.00	934.10 31.79 0.00	91.53 4.37 -1.82	72.03 2.63 -14.58	77.33 2.59 -19.61	51.96 2.37 -3.69	58.91 2.75 -10.97
WALDENNY_12_KV_BK2 80841	31.67 1.49 0.00	27.09 1.14 0.00	24.93 0.52 0.00	24.95 0.29 0.00	23.91 0.00 0.00	23.30 0.13 0.00	29.02 0.37 0.00	32.18 0.41 0.00	31.69 1.10 0.00	36.67 2.15 0.00	46.33 2.87 0.00	51.13 3.75 0.00	55.08 4.78 0.00	55.79 5.57 0.00	82.91 5.30 0.00	97.95 4.39 0.00	92.42 3.87 0.00	292.12 12.96 0.00	938.02 35.71 0.00	88.96 3.62 0.00	57.17 2.35 0.00	57.43 2.30 0.00	47.35 1.45 0.00	46.17 0.97 0.00
WALDEN__HYDRO 24148	31.49 1.31 0.00	27.08 1.13 0.00	25.44 1.03 0.00	25.69 1.02 0.00	24.90 0.99 0.00	24.12 0.95 0.00	29.98 1.32 0.00	33.26 1.49 0.00	32.16 1.57 0.00	36.28 1.77 0.00	45.73 2.26 0.00	49.87 2.49 0.00	52.82 2.52 0.00	53.02 2.80 0.00	82.02 4.41 0.00	98.91 5.35 0.00	93.56 5.01 0.00	293.68 14.52 0.00	944.04 41.73 0.00	88.82 3.48 0.00	71.67 2.16 -14.69	76.73 2.24 -19.37	47.65 1.75 0.00	46.93 1.74 0.00
WARRENSBURG____ 23737	32.01 1.84 0.00	27.38 1.43 0.00	25.74 1.33 0.00	26.05 1.38 0.00	25.24 1.33 0.00	24.45 1.29 0.00	30.43 1.77 0.00	33.56 1.79 0.00	32.16 1.57 0.00	36.25 1.74 0.00	45.88 2.41 0.00	50.17 2.80 0.00	53.36 3.05 0.00	53.50 3.28 0.00	82.51 4.90 0.00	99.47 5.92 0.00	93.74 5.18 0.00	296.63 17.47 0.00	969.82 67.51 0.00	91.34 6.00 0.00	226.42 4.59 -167.01	279.93 4.61 -220.20	49.51 3.61 0.00	48.63 3.44 0.00
WATERSIDE____6 8 9 23538	31.68 1.51 0.00	27.22 1.26 0.00	25.58 1.17 0.00	25.81 1.15 0.00	25.03 1.12 0.00	24.28 1.11 0.00	30.19 1.53 0.00	33.62 1.84 0.00	32.56 1.97 0.00	36.72 2.20 0.00	46.20 2.73 0.00	50.35 2.98 0.00	53.28 2.98 0.00	53.42 3.19 0.00	82.60 4.99 0.00	99.27 5.71 0.00	93.67 5.12 0.00	292.53 13.37 0.00	937.90 35.60 0.01	87.16 2.88 1.06	71.26 1.86 -14.58	76.23 1.92 -19.18	47.54 1.64 0.00	47.01 1.81 0.00
WATKINRD_115KV_LN8_ILLION 55919	30.61 0.44 0.00	26.32 0.37 0.00	24.74 0.34 0.00	25.02 0.36 0.00	24.27 0.35 0.00	23.47 0.30 0.00	29.05 0.40 0.00	32.14 0.37 0.00	30.88 0.29 0.00	34.85 0.34 0.00	43.89 0.42 0.00	47.94 0.56 0.00	51.78 0.58 -0.89	50.93 0.71 0.00	78.78 1.17 0.00	94.87 1.32 0.00	89.63 1.08 0.00	283.37 4.20 0.00	919.00 16.69 0.00	86.87 1.53 0.00	56.03 1.20 0.00	56.29 1.16 0.00	46.81 0.91 0.00	45.98 0.79 0.00
WATSON__69_KV_BK 1 55734	46.88 2.54 -14.17	32.16 2.16 -4.04	26.37 1.96 0.00	26.66 2.00 0.00	25.79 1.88 0.00	25.03 1.86 0.00	31.10 2.44 0.00	34.49 2.71 0.00	33.43 2.85 0.00	38.73 3.36 -0.85	47.69 4.23 0.00	51.76 4.38 0.00	54.49 4.39 0.21	54.53 4.60 0.29	84.49 6.88 0.00	101.97 8.05 -0.36	98.69 7.80 -2.34	298.98 19.81 0.00	954.65 52.34 0.00	92.76 5.60 -1.82	72.83 3.43 -14.58	78.26 3.52 -19.61	52.83 3.25 -3.69	59.71 3.55 -10.97
WDELAWARE__HYD 323627	30.95 0.78 0.00	26.61 0.66 0.00	25.00 0.59 0.00	25.24 0.57 0.00	24.47 0.56 0.00	23.71 0.54 0.00	29.44 0.78 0.00	32.56 0.78 0.00	31.33 0.74 0.00	34.37 -0.15 0.00	43.26 -0.20 0.00	47.20 -0.18 0.00	50.03 -0.28 0.00	50.22 -0.01 0.00	77.80 0.19 0.00	94.13 0.57 0.00	89.01 0.45 0.00	280.03 0.86 0.00	900.98 -1.33 0.00	84.91 -0.44 0.00	70.53 -0.25 -15.96	77.29 1.12 -21.03	46.67 0.77 0.00	45.91 0.71 0.00
WEST BABYLON__IC 23714	46.80 2.45 -14.17	32.06 2.07 -4.04	26.28 1.87 0.00	26.56 1.90 0.00	25.71 1.80 0.00	24.95 1.77 0.00	30.98 2.33 0.00	34.35 2.58 0.00	33.30 2.72 0.00	38.54 3.17 -0.85	47.43 3.96 0.00	51.50 4.12 0.00	54.32 4.13 0.11	54.39 4.31 0.15	84.11 6.50 0.00	101.33 7.73 -0.05	96.53 7.46 -0.52	298.68 19.51 0.00	953.77 51.46 0.00	92.43 5.27 -1.82	72.68 3.27 -14.58	78.12 3.38 -19.61	52.66 3.07 -3.69	59.48 3.32 -10.97

WEST CANADA___HYD 24049	30.35 0.17 0.00	26.11 0.16 0.00	24.56 0.15 0.00	24.82 0.16 0.00	24.06 0.15 0.00	23.29 0.12 0.00	28.84 0.18 0.00	31.96 0.18 0.00	30.78 0.19 0.00	34.74 0.22 0.00	43.77 0.31 0.00	47.75 0.37 0.00	51.57 0.37 -0.89	50.67 0.44 0.00	78.18 0.57 0.00	94.13 0.57 0.00	89.06 0.50 0.00	280.82 1.66 0.00	907.57 5.26 0.00	85.78 0.43 0.00	55.15 0.33 0.00	55.49 0.36 0.00	46.19 0.29 0.00	45.45 0.25 0.00
WESTERN_NY_WIND 24143	32.23 2.06 0.00	27.56 1.61 0.00	25.38 0.97 0.00	25.39 0.73 0.00	24.36 0.45 0.00	23.72 0.55 0.00	29.53 0.88 0.00	32.76 0.98 0.00	32.15 1.56 0.00	37.20 2.69 0.00	46.77 3.30 0.00	50.72 3.34 0.00	54.02 3.72 0.00	54.82 4.59 0.00	81.78 4.17 0.00	97.04 3.48 0.00	91.64 3.09 0.00	290.81 11.64 0.00	941.83 39.53 0.00	89.73 4.38 0.00	57.66 2.84 0.00	58.07 2.94 0.00	48.36 2.46 0.00	47.07 1.87 0.00
WESTOVER___LESR 323668	30.79 0.62 0.00	26.44 0.48 0.00	24.76 0.35 0.00	24.98 0.31 0.00	24.19 0.28 0.00	23.50 0.33 0.00	29.19 0.53 0.00	32.37 0.60 0.00	31.39 0.81 0.00	35.70 1.18 0.00	45.26 1.56 -0.23	50.98 2.14 -1.47	53.18 2.14 -0.73	53.44 2.28 -0.94	84.15 2.77 -3.77	100.82 2.70 -4.56	94.33 2.14 -3.63	292.68 8.29 -5.23	930.80 22.32 -6.17	91.29 2.02 -3.92	64.41 1.50 -8.08	66.61 1.53 -9.94	48.62 1.10 -1.62	47.04 0.88 -0.97
WETHRSFD_WT_PWR 323626	30.76 0.59 0.00	26.29 0.33 0.00	24.30 -0.10 0.00	24.37 -0.29 0.00	23.45 -0.46 0.00	22.88 -0.28 0.00	28.52 -0.13 0.00	31.65 -0.13 0.00	31.25 0.66 0.00	36.16 1.64 0.00	45.76 2.29 0.00	50.47 3.09 0.00	53.99 3.68 0.00	54.54 4.31 0.00	81.50 3.89 0.00	96.52 2.97 0.00	90.94 2.39 0.00	287.79 8.62 0.00	925.57 23.26 0.00	87.64 2.29 0.00	56.34 1.52 0.00	56.52 1.40 0.00	46.71 0.82 0.00	45.75 0.55 0.00
WHAVSTOR_138KV_BK127 55557	31.31 1.14 0.00	26.95 1.00 0.00	25.33 0.92 0.00	25.59 0.92 0.00	24.81 0.90 0.00	24.03 0.86 0.00	29.83 1.18 0.00	33.08 1.30 0.00	31.97 1.38 0.00	36.07 1.55 0.00	45.47 2.01 0.00	49.65 2.27 0.00	52.55 2.25 0.00	52.79 2.56 0.00	81.66 4.05 0.00	98.38 4.82 0.00	92.91 4.36 0.00	291.17 12.00 0.00	934.14 31.83 0.00	87.71 2.37 0.00	70.15 1.44 -13.88	75.02 1.59 -18.31	47.16 1.26 0.00	46.54 1.35 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	31.31 1.14 0.00	26.95 1.00 0.00	25.33 0.92 0.00	25.59 0.92 0.00	24.81 0.90 0.00	24.03 0.86 0.00	29.83 1.18 0.00	33.08 1.30 0.00	31.97 1.38 0.00	36.07 1.55 0.00	45.47 2.01 0.00	49.65 2.27 0.00	52.55 2.25 0.00	52.79 2.56 0.00	81.66 4.05 0.00	98.38 4.82 0.00	92.91 4.36 0.00	291.17 12.00 0.00	934.14 31.83 0.00	87.71 2.37 0.00	70.15 1.44 -13.88	75.02 1.59 -18.31	47.16 1.26 0.00	46.54 1.35 0.00
WHITEHAL_115KV_TB1 80871	33.30 3.12 0.00	28.12 2.16 0.00	26.46 2.06 0.00	26.84 2.18 0.00	26.04 2.13 0.00	25.30 2.14 0.00	31.69 3.03 0.00	34.59 2.81 0.00	32.70 2.11 0.00	36.78 2.26 0.00	46.60 3.14 0.00	51.13 3.75 0.00	54.47 4.16 0.00	54.54 4.32 0.00	84.97 7.36 0.00	102.31 8.75 0.00	97.79 9.23 0.00	309.18 30.01 0.00	1002.04 99.73 0.00	93.84 8.49 0.00	226.53 6.11 -165.59	279.99 6.53 -218.32	51.43 5.52 0.00	50.78 5.58 0.00
WHITEPLN_13_KV_LOAD 356215	31.90 1.73 0.00	27.41 1.46 0.00	25.74 1.33 0.00	25.98 1.32 0.00	25.19 1.28 0.00	24.43 1.26 0.00	30.40 1.74 0.00	33.81 2.03 0.00	32.72 2.14 0.00	36.97 2.45 0.00	46.64 3.17 0.00	50.94 3.56 0.00	53.96 3.66 0.00	54.16 3.93 0.00	83.75 6.13 0.00	100.97 7.41 0.00	95.48 6.93 0.00	299.24 20.07 0.00	958.82 56.52 0.00	90.03 4.69 0.00	72.24 2.87 -14.55	77.24 2.93 -19.18	48.23 2.33 0.00	47.56 2.36 0.00
WM_FLOYD_69_KV_BK2 356380	46.62 2.28 -14.17	31.94 1.95 -4.04	26.16 1.76 0.00	26.46 1.80 0.00	25.62 1.70 0.00	24.86 1.69 0.00	30.89 2.23 0.00	34.25 2.47 0.00	33.18 2.60 0.00	38.45 3.08 -0.85	47.32 3.86 0.00	51.27 3.89 0.00	54.03 3.95 0.21	54.10 4.17 0.30	83.82 6.21 0.00	101.89 7.56 -0.78	100.66 7.39 -4.72	296.36 17.19 0.00	944.98 42.67 0.00	92.39 5.23 -1.82	72.59 3.19 -14.58	77.90 3.16 -19.61	52.44 2.86 -3.69	59.35 3.19 -10.97
WOODARD__115KV_TB2 355635	30.25 0.08 0.00	26.03 0.08 0.00	24.39 -0.01 0.00	24.61 -0.05 0.00	23.83 -0.09 0.00	23.12 -0.05 0.00	28.61 -0.04 0.00	31.69 -0.09 0.00	30.65 0.06 0.00	34.75 0.23 0.00	44.33 0.41 -0.45	50.87 0.62 -2.88	52.39 0.65 -1.43	52.92 0.86 -1.84	85.82 0.84 -7.37	103.20 0.73 -8.92	96.28 0.63 -7.10	291.90 2.52 -10.23	921.82 7.44 -12.07	93.80 0.79 -7.67	59.82 0.55 -4.45	60.10 0.50 -4.47	49.33 0.26 -3.17	47.12 0.03 -1.89
YORK___WARBASSE 23770	31.82 1.64 0.00	27.32 1.36 0.00	25.67 1.26 0.00	25.89 1.23 0.00	25.10 1.19 0.00	24.35 1.19 0.00	30.29 1.63 0.00	33.72 1.95 0.00	32.68 2.09 0.00	36.87 2.35 0.00	46.40 2.93 0.00	50.61 3.23 0.00	53.55 3.25 0.00	53.60 3.37 0.00	82.88 5.27 0.00	99.30 5.75 0.00	93.46 4.91 0.00	291.57 12.41 0.00	935.70 33.40 0.01	87.24 2.82 0.93	71.41 2.01 -14.58	76.42 2.10 -19.19	47.68 1.78 0.00	47.08 1.89 0.00